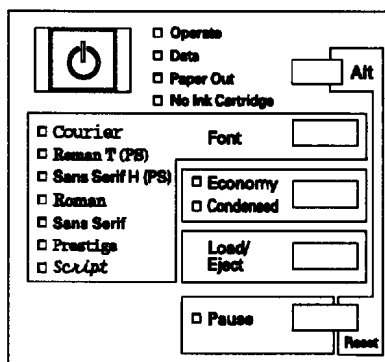
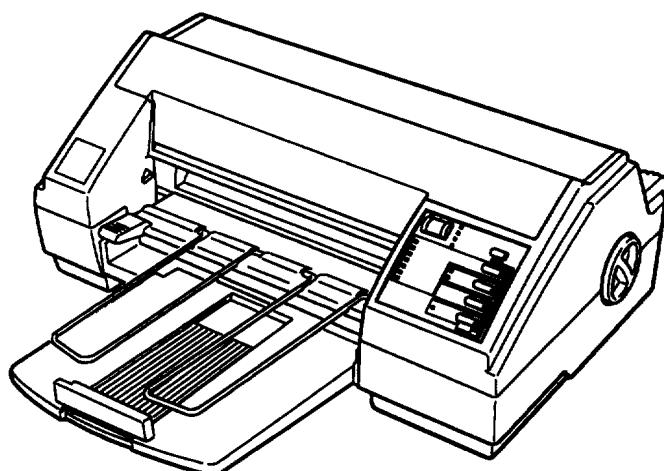




Printer Specifications

Printing

Printing method: On-demand ink jet

Nozzle configuration: Monochrome (black) 64 nozzles
(16 × 4 staggered)
Color 48 nozzles
(16 × 3 Cyan, Magenta, Yellow)

Printable columns and print speed (black):

Character pitch (characters per inch)	Printable columns	Printing speed* (characters per second)
10	80	200
12	96	240
15	120	300
17 (10 condensed)	137	340
20 (12 condensed)	160	400

* Print speeds vary depending on system configuration, software program, and amount of page covered.

Print speed (color)*

Highest quality
(MicroWeave): 5.5 MPP (minutes per page)

High quality
and high speed: 3 MPP

* Print speeds vary depending on system configuration, software program, and amount of page covered.

Resolution: 180 × 180 dpi, 360 × 360 dpi, or 720 × 720 dpi, switchable using printer driver settings

Printing direction: Bidirectional with logic-seeking for text and graphics. (The auto print direction can be set in the default-setting mode.)

Control code: ESC/P 2™ color

Line spacing: 1/6 inch, 1/8 inch, or programmable in 1/360-inch increments

Paper feed speed: 89 milliseconds per 1/6-inch line

Input buffer: 64 KB

Internal fonts and character tables

Bitmap fonts:

Font	10 cpi	12 cpi	15 cpi	Proportional
EPSON® Roman	o	o	o	o
EPSON Sans Serif	o	o	o	o
EPSON Courier	o	o	o	—
EPSON Prestige	o	o	o	—
EPSON Script	o	o	o	—

Select other font/pitch combinations using ESC/P 2 commands.

Scalable fonts:

Font	Min pt	Max pt	Increment
EPSON Roman	8	32	2 pt
EPSON Sans Serif	8	32	2 pt
EPSON Roman T	8	32	2 pt
EPSON Sans Serif H	8	32	2 pt

Character tables: One italic and 8 graphics character tables

Character sets: 14 international character sets and 1 legal character set

Paper

Paper path:	Sheet feeder, front entry
ASF (automatic sheet feeder) capacity	100 sheets of 17 lb (64 g/m ²) paper 10 envelopes 50 transparency films 70 sheets of EPSON special coated paper
Size	Letter (8.5 × 11 inches) A4 (210 × 297 mm) Legal (8.5 × 14 inches) B5 (182 mm × 257 mm) Executive (7.5 × 10 inches)
Paper types	Plain paper and special papers distributed by EPSON (special coated paper and transparencies). The following EPSON papers are available: Special coated paper for 360-dpi printing letter, S041025 for A4) Special coated paper for 720-dpi printing (S041029 for letter, S041026 for A4) Transparency film (S041030 for letter, S041027 for A4) Starter Pack of samples for 360 dpi, 720 dpi, and transparency film (S041032)
Thickness	0.08 to 0.11 mm (0.003 to 0.004 inches)
Weight	17 to 24 lb (64 to 90 g/m ²) Use 24 lb (90 g/m ²) paper under normal temperature and humidity conditions.

Note:

Use recycled paper under normal temperature and humidity conditions only. Poor quality paper may reduce print quality and cause paper jams and other problems.

Envelopes:

ASF capacity	10 envelopes
Size	No. 6: 6.5 × 3.6 inches (166 × 92 mm) No. 10: 9.5 × 4.1 inches (240 × 104 mm) DL: 8.7 × 4.3 inches (220 mm × 110 mm)
Paper types	Bond paper
Thickness	Less than 0.52 mm (0.020 inches)
Weight	20 to 24 lb (75 to 90 g/m ²)

Note:

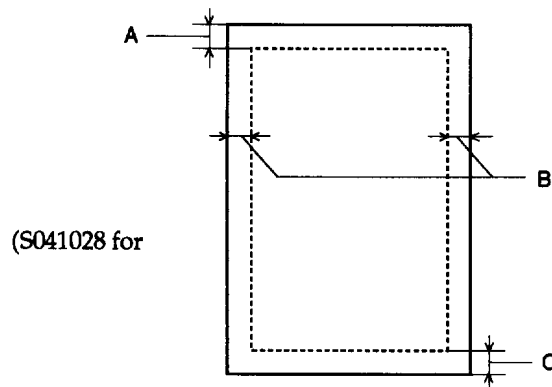
- Envelope and transparency printing are available only under normal conditions:

Temperature	59 to 77° F (15 to 25° C)
Humidity	40 to 60% RH

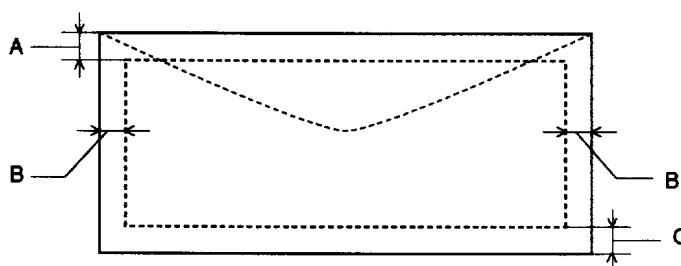
- Use envelopes that do not curl.

Printable area:

Single sheets:



Envelopes:



- A The minimum top margin is 0.12 inches (3.0 mm).
- B The minimum left margin is 0.12 inches (3.0 mm).
The minimum right margin is:
0.15 inches (3.8 mm) for A4 and B5 size paper and No. 6 envelope.
0.38 inches (9.8 mm) for letter and legal size paper.
0.54 inches (13.8 mm) for DL envelope.
1.33 inches (33.8 mm) for No. 10 envelope.
- C The minimum bottom margin is 0.51 inches (13.0 mm).

Ink cartridges

Black ink cartridge (S020034):

Color	Black
Print capacity*	Approximately 1.5 million characters (840 sheets, A4, 5% duty at 360 dpi)
Cartridge life*	2 years from production date and within 6 months after opening the package, at 77° F (25° C)
Temperature	Storage: -22 to 104° F (-30 to 40° C) 1 month at 104° F (40° C) Transit: -22 to 140° F (-30 to 60° C) 1 month at 104° F (40° C) 120 hours at 140° F (60° C) Freezing:** 25° F (-4° C)
Dimensions	1.06 inch (W) × 2.65 inch (D) × 1.65 inch (H) 26.9 mm (W) × 67.4 mm (D) × 41.8 mm (H)

Color ink cartridge (S020036):

Colors	Cyan, Magenta, Yellow
Print capacity*	In each color, approximately 1.2 million characters (670 sheets/color, A4, 5% duty at 360 dpi)
Cartridge life*	2 years from production date and within 6 months of opening the package at 77° F (25° C)
Temperature	Storage: -22 to 104° F (-30 to 40° C) 1 month at 104° F (40° C) Transit: -22 to 140° F (-30 to 60° C) 1 month at 104° F (40° C) 120 hours at 140° F (60° C) Freezing:** 21° F (-6° C)
Dimensions:	2.13 inch (W) × 2.65 inch (D) × 1.65 inch (H) 54.0 mm (W) × 67.4 mm (D) × 41.8 (H)

* The cartridge life may vary, depending on how often you use the print head cleaning function.

** The ink freezes at 25° F (-4° C) for black ink and 21° F (-6° C) for color ink. It thaws in approximately 2 hours at 77° F (25° C).

Caution:

The printer will be damaged if you use ink cartridges not manufactured by EPSON or to EPSON's specifications. Do not attempt to refill ink cartridges manually. If you use substandard products with your EPSON printer, you will damage the print heads and void your warranty.

Do not use an ink cartridge if the date has expired.

Mechanical

Paper-feed method:	Friction
MTBF:	4,000 power-on hours
Print head life:	1,000 million dots per nozzle
Total print volume:	75,000 pages (A4 or letter)
Dimensions:	Width 18.5 inches (470 mm) Depth 20.5 inch (525 mm) Height 7.5 inches (192 mm)
Weight:	16.3 lb (7.4 kg) including ink cartridges

Electrical

Rated voltage:	AC 120 V
Input voltage range:	AC 103.5 to 132 V
Rated frequency range:	50 to 60 Hz
Input frequency range:	49.5 to 60.5 Hz
Rated current:	0.6 A
Power consumption:	Approx. 20 W (during self-test printing at 10 cpi in LQ mode)

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) 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:	UL1950 with D3, CSA 22.2 950 with D3
R.F.I.:	FCC Part 15 Subpart B class B

Interface specifications

The printer has a built-in parallel and serial interface.

Parallel interface

The parallel interface has the following characteristics:

Data format: 8-bit parallel
 Synchronization: STROBE pulse
 Handshake timing: BUSY and ACKNLG signals
 Signal level: TTL compatible
 Connector: 36-pin 57-30360 Amphenol connector or equivalent

Serial interface

The printer's built-in serial interface is based on the RS-422 standard and has the following characteristics:

Standard: Based on RS-422
 Synchronization: Asynchronous
 Bit rate: 57.6 Kbps
 Handshaking: DTR and XON/XOFF protocol

Word format:

Data bit: 8 bits
 Parity bit: None
 Start bit: 1 bit
 Stop bit: 1 bit

Connector: 8-pin mini-circular connector

Default settings

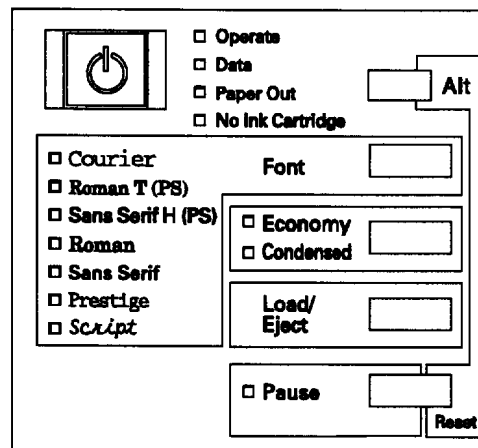
The following default settings take effect when the printer is initialized.

Item	Default setting
Top-of-form position	Current paper position
Page length	Single sheets: 61 lines for letter-size paper 65 lines for A4-size paper
Left and right margins	Canceled
Line spacing	1/6-Inch line spacing
Character pitch	Last font selected on control panel
Vertical tab position	Cleared
Horizontal tab positions	Every eight characters
Font selection	Last font selected on control panel
Special printing effects	Canceled (except condensed and economy printing)
User-defined character set	Hardware/control panel initialization: cleared Software initialization: deselected only
Graphic mode assignment	ESC K = ESC * 0, ESC L = ESC * 1, ESC Y = ESC * 2, ESC Z = ESC * 3

In addition, hardware and control panel initialization erases any text in the data buffer.

The Control Panel

The printer control panel gives you easy control over most common printer operations. It consists of indicator lights and buttons.



Note:

Software usually overrides control panel selections. Use your software to select print functions whenever possible.

Lights

Operate

On when the printer is on. Flashes when the printer is turned on or off.

Data

On when data is being received and when data remains in printer memory.

Paper Out

On when the printer runs out of paper. Rapid flashing indicates a paper jam.

No Ink Cartridge

On when either ink cartridge is not installed. The printer will not work unless both cartridges are installed.

Font

Indicates the current font setting.

Economy

On when the economy mode is selected. In this mode, the printer uses less ink by printing fewer dots per character. Use this mode for rough drafts of text only.

Condensed

On when the condensed-printing mode is selected. In this mode, the printer reduces the width of selected fonts so that more characters fit on a line.

Pause

On when printing is paused. The light flashes when you clean the print heads or replace ink cartridges.

Note:

The Data and Pause lights flash when an error occurs.

Buttons

Operate

Turns the printer on and off.



Caution:

Always turn off the printer by pressing the Operate button. Wait until the Operate light stops flashing before unplugging the printer.

Font

Press this button to cycle through the available fonts. The Font lights indicate the current selection.

Load/Eject

Press this button to load or eject a sheet of paper.

Pause

Press this button to stop printing temporarily. Press it again to resume printing.

Economy/Condensed

Press this button to select economy printing or condensed mode. The indicator light next to the mode you select goes on or off.

Alt

Hold down this button for several seconds to move the print head to the ink cartridge replace position when the printer is paused.

The Alt button also alters the functions of the other buttons. Hold down the Alt button and press another button to change the functions as follows:

Reset (Alt + Pause)

Clears the printer's buffer and initializes the printer settings to their factory settings.

Black print head cleaning (Alt + Load/Eject)

Starts the black print head cleaning cycle.

Color print head cleaning (Alt + Economy/Condensed)

Starts the color print head cleaning cycle.

Note:

- ☐ *Cleaning the print head uses ink. Don't do it unless print quality declines.*
- ☐ *When you clean a print head, the printer ejects the page you are currently printing.*

Paper-thickness adjust (Alt + Font)

Moves the head carriage into position to access the adjust level for the thickness of paper. For special papers, such as envelopes and transparencies, you should change the paper-thickness setting using this function.

Special power-on functions

The functions listed below are available when you hold down the following buttons when turning on the printer.

Self test (Operate = Load/Eject)

Checks the paper length and performs self-test printing.

Hex dump (Operate + Font + Load/Eject)

Prints the print data in hexadecimal code.

Demonstration (Operate + Alt)

Prints a demonstration page.

Default setting (Operate + Economy/Condensed)

Enters the default-setting mode.

Note:

To exit the hex dump, demonstration, and default-setting modes, press the Pause button and then the Operate button to turn off the printer.

Character Fonts

Your printer has seven built-in character fonts, including EPSON Roman T and EPSON Sans Serif H. (The Roman T is similar to the Times™ font; Sans Serif H is similar to Helvetica.™)

Press the Font button to select from the seven fonts listed on the control panel. The Font lights come on (O) or go off (●) to indicate the active font.

Note:

- ☐ *Roman T and Sans Serif H fonts are available in proportional spacing only.*
- ☐ *Font selections you make with your software program usually override these control panel selections. For best results, use your software program to select fonts.*

Default-Setting Mode

Your printer comes with a series of internal settings that control a variety of printer functions, such as print direction and loading position. Because these settings take effect each time you turn on the printer, they are called default settings.

The factory default settings are designed to meet the needs of most users, so you may not need to change them. The table below lists all the features you can select in the default-setting mode.

Setting	Options
Print direction	Auto, Bi-D, Uni-D
Network interface mode	On, Off
Auto line feed	On, Off
Loading position	3 mm, 8.5 mm
Interface mode	Auto I/F mode, Parallel I/F, Serial I/F, Option I/F
Auto interface wait mode	10 seconds, 30 seconds
Character table	Italic U.S.A., Italic France, Italic Germany, Italic U.K., Italic Denmark 1, Italic Sweden, Italic Italy, Italic Spain 1, PC437, PC850, PC860, PC863, PC865, PC861, BRASCII, or Abicom

Note:

Most software programs control the print direction, character table, and auto line feed. If your software program controls these features, you may never need to set them with the control panel.

Default setting descriptions

Print direction

Your printer has three direction settings: Uni-D, Bi-D, and Auto.

Note:

Most software programs control this setting. If your software does, you may never need to set it with the control panel.

Uni-D causes the print head to print in one direction only. This provides maximum alignment for both graphics and text.

Bi-D causes the print head to print in both directions. This provides the fastest printing. If vertical lines are not aligned, calibrate your printer.

When Auto is selected, the printer switches automatically between bidirectional (for text data) and unidirectional (for graphics data).

Network interface mode

If your printer is connected to a single computer, leave this feature off. If you want to use the printer in a network environment and share it among multiple computers, set this feature to on.

When this feature is set to on, data may be present in the printer's buffer even though the printer is not printing. Always make sure the Data light is off before turning off the printer.

Auto line feed

When the auto line feed feature is on, each carriage return (CR) code is accompanied by a line feed (LF) code. If your printed text is unexpectedly double-spaced, turn this feature off; if text lines print on top of one another, turn it on.

Loading position

When you want to print more lines on a page, set this feature to 3 mm. If you set the top margin with your software, that setting is added to the default-setting value.

Interface mode

By using interface mode, you can specify what interface to use. Interface mode can be Auto, Parallel, Serial, or Option.

When you select Auto, the printer automatically selects the interface that is receiving data and uses that interface until the end of the print job. The Auto setting allows you to share the printer with up to three computers.

Auto interface wait mode

When you set the Interface mode to be Auto, you can set the interface timeout to 10 or 30 seconds.

The printer does not accept data from another interface unless data is not received from the current interface for the period set in Auto interface wait mode.

Character table

Character tables contain the characters and symbols used by different languages. The printer prints text with the selected character table.

Changing the default settings

To change the printer's default settings, you use the control panel buttons; the control panel lights show your selections.

Follow the steps below to make your changes:

1. Make sure the printer is turned off and paper is loaded in the sheet feeder.
2. Hold down the Economy/Condensed button and turn on the printer to enter the default-setting mode.

The printer loads a sheet of paper and prints a brief summary and instructions that tell you how to select the language that you want messages printed in (English, French, German, Italian, or Spanish).

3. Press the Font button until the Font lights indicate the language of your choice; then press the Alt button to make your selection.

Language	Font lights
English	Courier
French	Roman T (SP)
German	Sans Serif H (PS)
Italian	Roman
Spanish	Sans Serif

After you press the Alt button, the printer prints the current default settings, and the next instruction in the language you selected.

4. To move to the feature you want to change, press the Font button until the Courier, Roman T (PS), and Sans Serif (PS) lights indicate the appropriate selection.

Default-setting menu	Courier light	Roman T (PS) light	Sans Serif (PS) light
Print direction	○	●	●
Network Interface mode	●	○	●
Auto line feed	○	○	●
Loading position	●	●	○
Interface mode	○	●	○
Auto interface	●	○	○
Character table	○	○	○

○ = on ● = off

For example, if you want to change the loading position, press the Font button until the Courier and Roman T (PS) lights are off and the Sans Serif H (PS) light is on.

5. Once the font lights indicate your selection, press the Alt button until the Operate, Data, and Paper Out lights match your desired setting as indicated in the following table.

Default-setting menu	Setting	Operate light	Data light	Paper Out light
Print direction	Auto	○	●	●
	Bi-D	●	○	●
	Uni-D	○	○	●
Network Interface mode	Off	●	●	●
	On	○	●	●
Auto line feed	Off	●	●	●
	On	○	●	●
Loading position	3 mm	●	●	●
	8.5 mm	○	●	●
Interface mode	Auto interface mode	○	●	●
	Parallel interface	●	○	●
	Serial interface	○	○	●
	Option interface	●	●	○
Auto interface wait mode	10 seconds	●	●	●
	30 seconds	○	●	●
Character table	Italic U.S.A.	●	●	●
	Italic France	○	●	●
	Italic Germany	◌	●	●
	Italic U.K.	●	○	●
	Italic Denmark 1	○	○	●
	Italic Sweden	◌	○	●
	Italic Italy	●	◌	●
	Italic Spain 1	○	◌	●
	PC437	◌	◌	●
	PC850	●	●	○
	PC860	○	●	○
	PC863	◌	●	○
	PC865	●	○	○
	PC861	○	○	○
	BRASCII	◌	○	○
	Abicom	●	◌	○

○ = on, ● = off, ◌ = flashing

6. Repeat steps 4 and 5 for each default setting you want to change.
7. To exit the default-setting mode, turn the printer off.

Note:

You may exit the default-setting mode any time by turning off the printer. Any changes you have made remain in effect until you change them again.

Installing the Ink Cartridges



Caution:

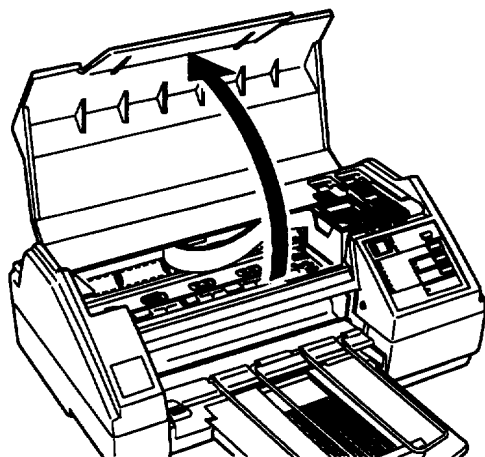
The ink cartridges are self-contained units. Under ordinary use, ink will not leak from a cartridge. If ink does get on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water.

Install the ink cartridges as follows:

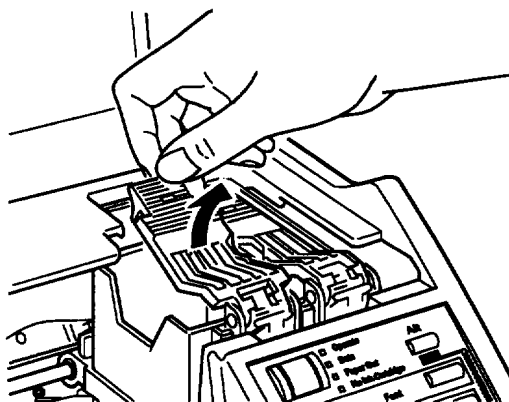
Note:

- ❑ Do not open the ink cartridge package until just before you install the cartridge, or the ink may become unusable.
- ❑ Install both ink cartridges. The printer will not print unless both cartridges are installed.

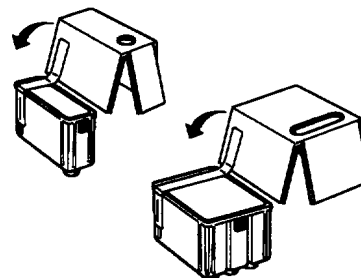
1. Make sure the printer is turned on and that the Pause light is on. Then open the printer cover.



2. Hold down the Alt button for about 5 seconds until the print head moves very slightly to the left, which is the ink cartridge install position.
3. Pull each of the ink cartridge clamps toward you to open them.



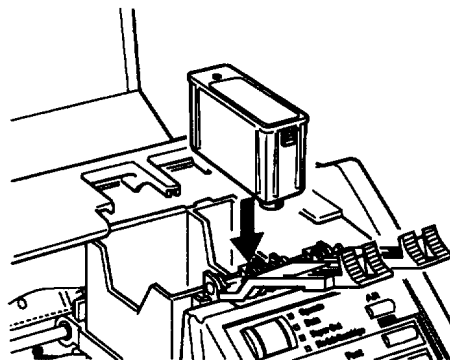
4. Open the foil ink cartridge packages and remove the cartridges from their protective cardboard. Remove the tape seal from each ink cartridge.



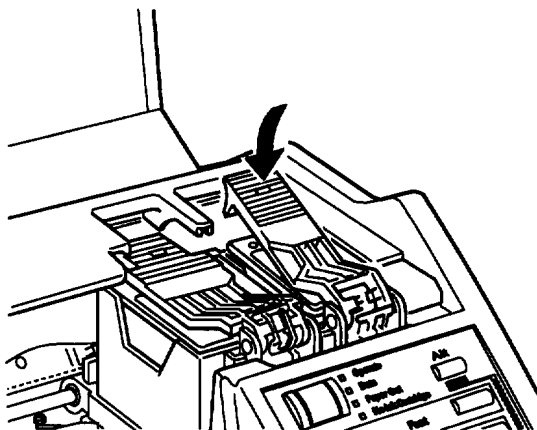
Caution:

You must remove the tape seal from the cartridges. Leaving the tape on will permanently damage them.

5. Lower the cartridges into their holders with the labels face up and the arrow on the top of the cartridge pointing toward the rear of the printer. The color cartridge, which is larger, goes on the left; the black cartridge on the right.



6. Push the ink cartridge clamps toward the back of the printer until they lock in place.



Caution:

Once you install the ink cartridges, do not open the clamps or remove the cartridges except to replace them with new ones. Otherwise, the cartridges may become unusable.

7. Press the **Alt** button again to return the print head to its home position. (Even if you do not press **Alt**, the printer moves the print head back to its home position about 60 seconds after you install the cartridge.)
8. Close the printer cover.

The first time you install ink cartridges, the printer automatically charges the ink delivery system. This takes about one minute. The printer mechanism moves while the system is charging.

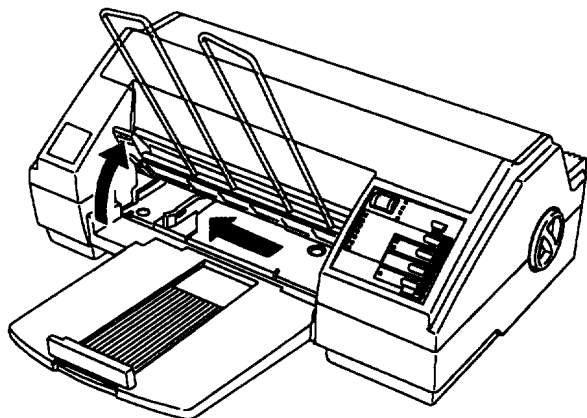
Testing the Printer

After you set up the printer, you can run the self test to make sure the printer is working properly. First load paper as described in the following procedure.

Loading plain paper

To test the printer, load paper that is at least 8.27 inches (210 mm) wide; otherwise the print head sprays ink directly on the platen. This ink could come off onto future printouts.

1. Open the sheet feeder cover by lifting the lever on the left until it clicks into place. Then slide the left edge guide as far to the left as it will go.

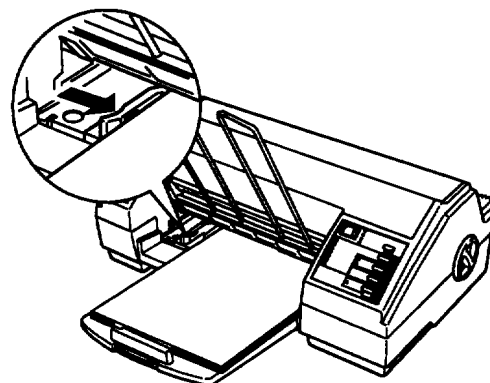


2. Fan a stack of paper; then tap it on a flat surface to even the edges.

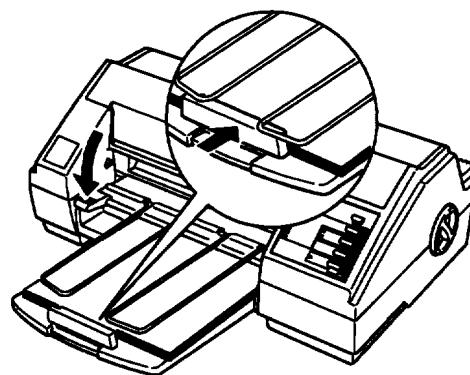
Note:

The sheet feeder holds up to 100 sheets of 17 lb (or 64 gm²) paper. Do not load paper above the mark on the edge guide.

3. While aligning the paper's edge with the right edge guide, insert it with the printable surface face down into the sheet feeder until it meets resistance. Then adjust the left edge guide as shown.



4. Adjust the rear edge guide to match the length of your paper as shown below. Then close the sheet feeder cover.



Testing the printer

1. Make sure the printer is turned off.
2. While holding down the **Load/Eject** button, press the **Operate** button.

The printer begins the self test by printing the first and last lines of the first sheet of paper to measure the paper length. Then it prints character samples on the next sheet of paper. Here is part of a typical self test (the actual test is printed in color):

Courier

```
! " # $ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E
! " # $ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F
" # $ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G
# $ % & ' ( ) * + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H
```

3. To stop the test, press the **Pause** button. (The test may continue to print for a few seconds.) To resume the test, press the **Pause** button again.
4. To end the self test, press the **Pause** button, and then turn off the printer by pressing the **Operate** button.

Note:

*Do not turn off the printer before pressing the **Pause** button. Otherwise, a cleaning cycle occurs when you turn it on again and ink is wasted.*

Calibrating the Printer

Once the printer is connected to the printer, use the calibration utility to adjust the printer so that the vertical lines in text and graphics are correctly aligned. To calibrate the printer, do the following:

1. Turn on your computer.
2. Insert the EPSON printer driver disk into drive A or B.
3. At the DOS prompt, type the following.

A:\CALIBRAT

Be sure to type B:\CALIBRAT if you are using the B drive.

4. Follow the instructions on screen.

In most cases you need to calibrate the printer only once. If the quality of your text or graphics declines, repeat the calibration procedure.

Specifying the Printer Type

Most software programs let you specify the type of printer you use so that the program can take full advantage of the printer's features. Many of these programs provide an installation or setup menu that presents a list of printers.

To take full advantage of your printer's features and color capability, always use the EPSON Stylus COLOR driver included with the printer. If for some reason you cannot use this driver and you want monochrome output, you can use the Stylus 800 driver.

Tips for Color Printing

Following the tips below will give you the best performance when printing with color.

- ☐ For highest quality printing, always turn off High Speed in the Media/Options section of the printer driver. When speed is more important than quality, turn High Speed on.
- ☐ You can often improve quality by using the right paper. When printing at 720 dpi, always use EPSON Special coated paper for 720 dpi. When printing at 360 dpi, use EPSON Special coated paper for 360 dpi.

Loading Paper

While most correspondence quality plain paper works well in your printer, you should check that the paper is suitable for ink jet printers. You can select from several paper types for your printer's built-in sheet feeder: plain paper, special ink jet paper, coated ink jet paper, transparency film, and envelopes.

For printing at 360 and 720 dpi and for printing on transparencies, EPSON recommends the following special papers:

- ☐ EPSON Special coated paper for high-quality 360 dpi (S041028)
- ☐ EPSON Special coated paper for 720 dpi (S041029)
- ☐ EPSON Transparency film (S041030)

If you are printing on thick paper and the printing becomes faint, adjust the paper thickness lever as described in "Loading envelopes."

To load plain paper, see "Loading plain paper" on the previous page.

Loading coated paper

1. Make sure the printable surface of the paper is face down. The printable side is whiter than the non-printable side.



Caution:

Do not touch the printable surface; hold the sheets by their edges.

2. Insert the paper into the sheet feeder until it meets resistance. You can insert up to 70 sheets.
3. Select Special coated paper in the printer driver setup and select either 360- or 720-dpi resolution.

Note:

Do not print on 720-dpi paper when printing at 360-dpi resolution. Likewise, do not print on 360-dpi paper when printing at 720-dpi resolution.

Loading transparencies

When printing on transparencies, use only EPSON Transparency film (S041030). Do not print on transparencies using 720-dpi resolution.

For best results, use transparencies within six months of opening the package and return all unused sheets to the original packaging. Unfavorable storage conditions, especially high temperature, humidity, and direct sunlight can damage transparencies.

To load transparencies:

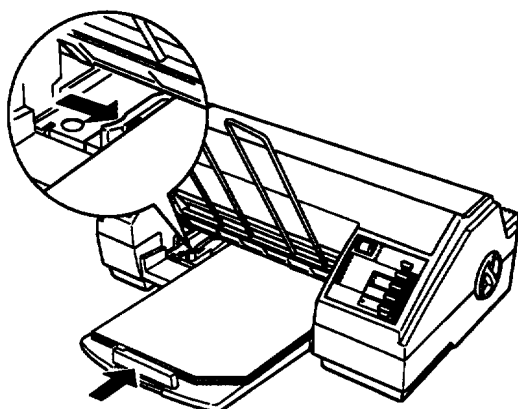
1. Make sure the printable surface of the transparencies is face down. The printable surface is face down when the cut corner is on the bottom right as you hold the transparencies in front of you.



Caution:

Do not touch the printable surface; hold the sheets by their edges.

2. Insert up to 50 transparencies into the sheet feeder until they meet resistance.



3. Adjust the left and rear edge guides so that the transparencies feed straight into the paper path.
4. Select Transparency and 360-dpi resolution in the printer driver setup.

Loading envelopes

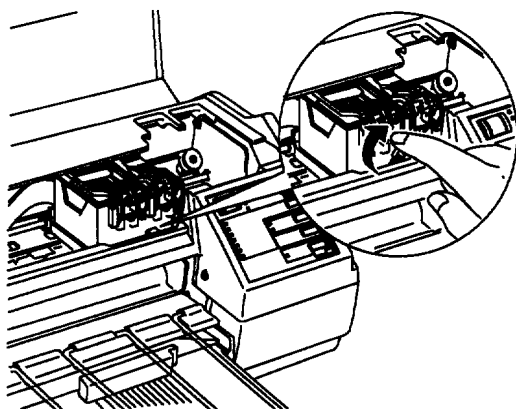
You can print up to 10 envelopes at a time. First you need to adjust the paper-thickness lever on the head carriage.

1. Make sure the printer is turned on. Then press the **Pause** button and open the cover.

Note:

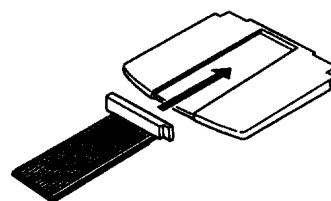
When adjusting the paper-thickness lever, make sure no paper is in the paper path. Paper loaded in the printer is ejected when you adjust this lever.

2. While holding down the **Alt** button, press the **Font** button. The carriage moves to the lever-adjusting position.
3. Turn the lever clockwise as far as it will go.

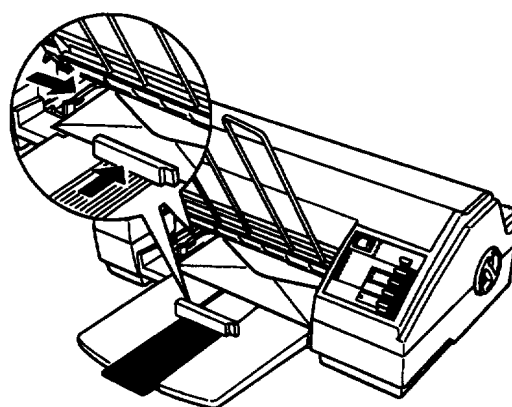


4. Press the **Alt** button. Then press the **Pause** button.

5. Remove the rear edge guide from the printer and re-install it as shown.



6. Insert up to 10 envelopes into the printer lengthwise as shown:



7. Adjust the rear and left edge guides carefully so that the envelopes feed straight into the paper path.
8. In the printer driver setup, use the paper type setting to choose the envelope size.

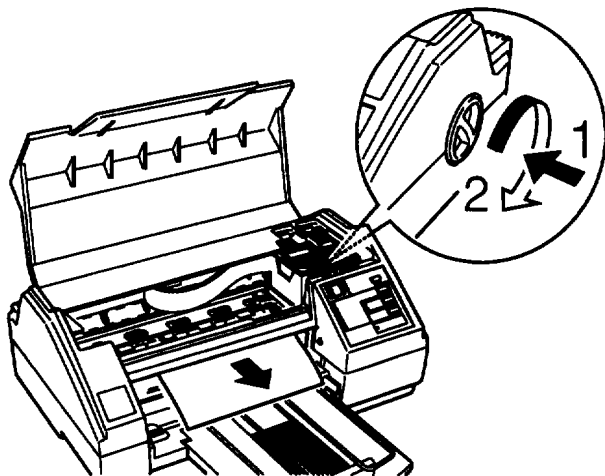
Note:

- ☐ Do not use envelopes that are too thin; they may curl during printing.
 - ☐ Return unused envelopes to the original packaging. Unfavorable storage conditions, especially high temperature, humidity, and direct sunlight can damage envelopes
 - ☐ Do not choose 720-dpi resolution for envelope printing.
9. Re-adjust the paper-thickness lever to its original position after you finish printing on envelopes or thick paper. Otherwise, the print on plain paper may be faint.

Paper Jams

To clear a paper jam, follow the steps below.

1. Turn off the printer.
2. Open the printer cover.
3. Rotate the knob on the right side of the printer while pushing it in as shown below.



Note:

If you feed the jammed paper backward, the next sheet might become dirty from ink smeared from the jammed paper.

4. Pull the paper out carefully. If it tears, make sure you remove any remaining pieces.
5. If the paper is caught in the paper eject area, gently pull it out of the printer.
6. Close the printer cover.
7. Turn on the printer again to move the print heads to the correct positions.
8. Adjust the left and rear paper edge guides on the paper support.

Preventing paper feed and paper jam problems

If you have frequent paper feed or paper jam problems, refer to this checklist of corrective measures:

- ☐ Use a higher-quality paper, one that is not too thin or rough. Make sure it is suitable for ink jet printers. Some types of paper must be fed one sheet at a time.
- ☐ Fan the stack of paper and straighten it before loading.
- ☐ Be sure that you do not load too much paper in the paper feeder. You can load up to 100 pages of plain paper, 70 sheets of special coated paper, or 50 sheets of transparency film.
- ☐ Try turning the stack of paper over in the paper feeder. Most packages of paper indicate the best side to print on with an arrow on the end of the package. Make sure the best side is loaded face down.

Printer Care

Replacing an Ink Cartridge

When nothing prints or the printed image is faint or has many gaps, either wait until the document finishes printing or press the **Pause** button and then the **Load/Eject** button to eject the page. Then clean one or both of the print heads. If three cleanings do not improve print quality, replace one or both ink cartridges.

Use the following EPSON ink cartridges or cartridges manufactured to EPSON's specifications:

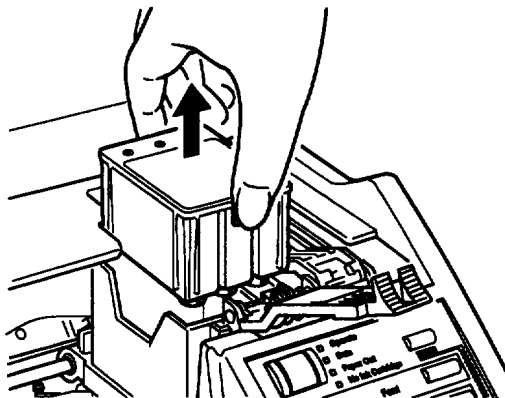
Black ink cartridge S020034
Color ink cartridge S020036

Before replacing an ink cartridge, make sure no paper is in the paper path. Paper loaded in the printer is ejected automatically when you replace the cartridge.

Follow these steps to replace an ink cartridge:

1. Make sure the printer is on. Then open the printer cover.
2. Press the **Pause** button (check that the **Pause** light comes on).
3. Hold down the **Alt** button for about five seconds until the print head moves slightly left to the ink cartridge install position. The **Pause** light begins blinking.

4. Lift the cartridge lever up as far as it will go. The cartridge rises partly out of the carriage.
5. Lift the cartridge out of the printer and dispose of it properly. Do not take the used cartridge apart or try to refill it.



Caution:

- ❑ Leave the old cartridge installed in the printer until you are ready to replace it with a new one. Attempting to print without an installed cartridge can damage the printer.
- ❑ Never use a refilled or reassembled cartridge. If you use substandard products with your EPSON printer, you will damage the print heads and void your warranty.



Warning:

The ink cartridge is self-contained to prevent leaks. However, if ink gets on your hands, wash them thoroughly with soapy water. Avoid touching your eyes. If irritation occurs, contact a physician.

6. To install a new cartridge, follow steps 4 through 8 in "Installing the Ink Cartridge."

Cleaning the Print Heads

If print quality diminishes, use the printer's built-in print-head cleaning cycle to enable the nozzles to deliver ink properly. You can clean the black and the color print head separately. To avoid wasting ink, clean the print head only if print quality declines.

Follow these steps to clean the print heads:

1. Make sure the printer is turned on and press the **Pause** button.

Note:

When cleaning a print head, make sure no paper is in the paper path. Paper loaded in the printer is ejected automatically when you clean a print head.

2. Clean the black or color print head, or both.

Hold down the **Alt** button and press **Economy/Condensed** to clean the color print head.

Hold down the **Alt** button and press **Load/Eject** to clean the black print head.

The cleaning cycle takes about one minute. The **Pause** light flashes throughout the cycle and then stays on when the cleaning cycle is finished.

You cannot perform the color and black print head cleaning operations at the same time.

3. Press the **Pause** button to resume printing.

Information Reference List

Engineering Change Notices

None

Product Support Bulletins

None

Technical Information Bulletins

None

Related Documentation

TM-STYLUSC	EPSON Stylus COLOR Service Manual
PL-STYLUSC	EPSON Stylus COLOR Parts Price List
4002934	EPSON Stylus COLOR User's Guide