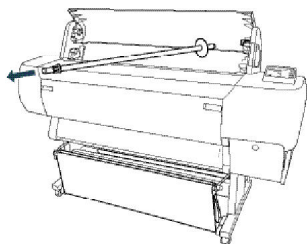


Loading Roll Paper

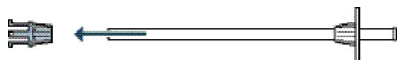
Before using the printer, make sure it's set up as described in Chapter 1 of the *Printer Guide*.

Setting Up the Paper and Spindle

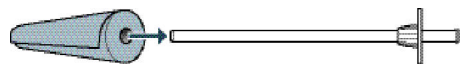
- 1 Open the roll paper cover and lift out the spindle.



- 2 Slide the movable paper stop off the left end of the spindle.



- 3 Position the roll so the paper unwinds as shown, then slide the roll onto the spindle so it fits securely against the paper stop.

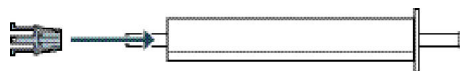


paper stop

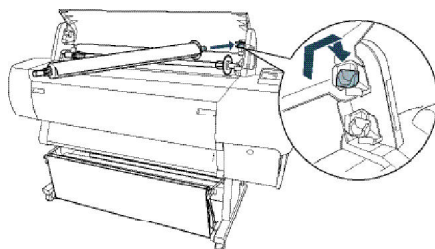


Handle the roll carefully and avoid touching the printable side of the paper with bare hands. Fingerprints may affect print quality.

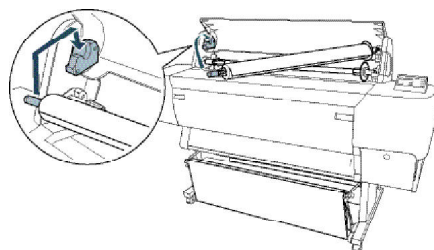
- 4 Slide the movable paper stop back onto the spindle and insert it firmly into the end of the roll.



- 5 Insert the white end of the spindle (with the fixed paper stop) into the right mounting bracket.



- 6 Place the black end of the spindle into the left mounting bracket.



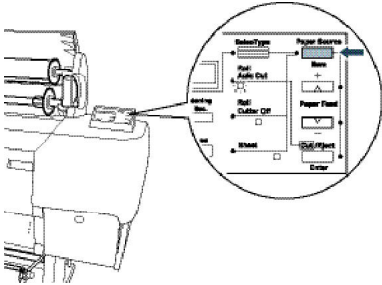
Continue ►

Loading Roll Paper (Continued)

Loading Roll Paper for Printing

Once the roll paper is attached to the spindle and inserted in the printer, you're ready to load it for printing.

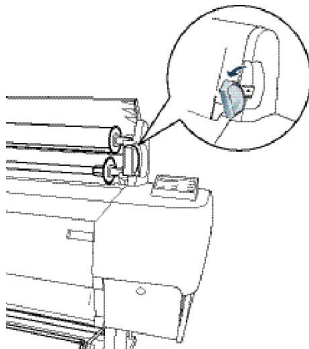
- 1 Make sure the printer is turned on. Then press the **Paper Source** button repeatedly until one of the Roll lights comes on (either Roll Auto Cut or Roll Cutter Off).



To avoid feeding excess paper, make sure you don't select **Sheet** when you're using roll paper.

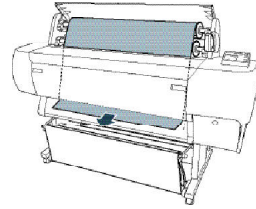
If you're printing on canvas, vinyl, or other heavy media, select **Roll Cutter Off**.

- 2 Pull the paper set lever out, to the released position.

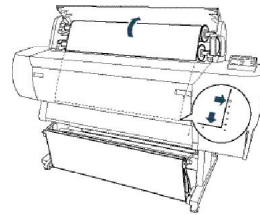


To avoid damaging the printer, never move the paper set lever while the **Operate** or **Pause** light is flashing.

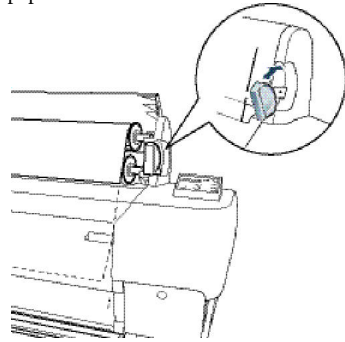
- 3 Feed the paper into the paper slot and then pull it down so it extends through the slot.



- 4 Turn the paper roll back to remove the slack. Then align the paper with the two rows of holes at the paper exit.



- 5 Push the paper set lever all the way in, then close the roll paper cover.

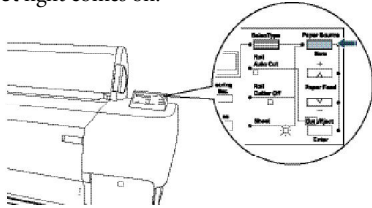


If you're using Roll Auto Cut and the leading edge of the paper is uneven, press the **Cut/Eject** button to recut the edge.

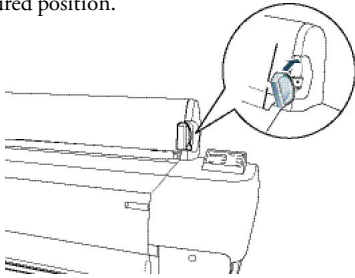
- 6 Press the **Pause** button. The print head moves and the paper feeds into printing position automatically. **READY** appears on the control panel display.

Loading and Using Cut Sheet Paper

- 1 Make sure roll paper is not loaded for printing, and the roll paper cover is closed.
- 2 Press the **Paper Source** button repeatedly until the **Sheet** light comes on.

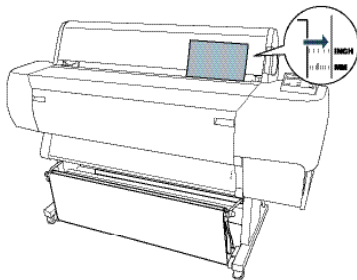


- 3 Make sure the paper set lever is all the way in, in the secured position.



To avoid damaging the printer, never move the paper set lever while the **Operate** or **Pause** light is flashing.

- 4 Feed the sheet into the paper slot until it meets resistance. Align the paper with the scale on the roll paper cover.

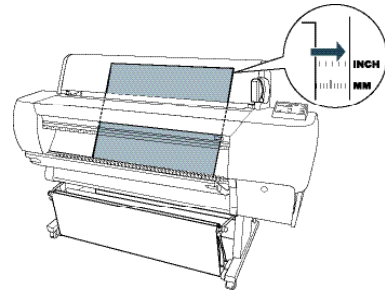


- 5 Press the **Pause** button. The print head moves and the paper feeds into printing position automatically. **READY** appears on the control panel display.
- 6 Print your page. After printing, the sheet stays in the printer.
- 7 To remove the print, hold it while pressing the lower **Paper Feed** button.

Printing on Posterboard

When you print on posterboard (more than 19 mil thick), you need to open the lower cover before you feed the board for printing.

- 1 Open the lower cover, then pull the paper set lever out.
- 2 Press the **Paper Source** button until the **Sheet** light comes on.
- 3 Feed the board into the paper slot until the bottom edge rests behind the open lower cover.
- 4 Align the board with the scale on the roll paper cover.



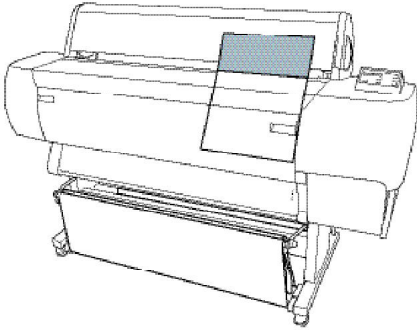
Make sure the posterboard is flat (not bowed or wrinkled), or it may damage the print head.

- 5 Push the paper set lever all the way in, then close the lower cover.
- 6 Press the **Pause** button. The print head moves and the posterboard feeds into printing position. **READY** appears on the control panel display.
- 7 Run your print job. After printing, the posterboard stays in the printer.
- 8 Hold the posterboard as you pull the paper set lever out. Then gently remove the print at the paper exit.

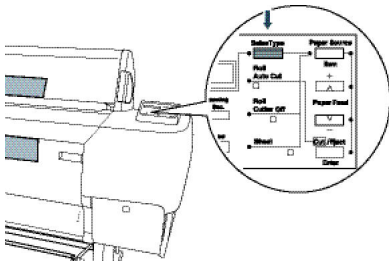
Checking and Cleaning the Print Head

If you notice missing colors or horizontal banding (thin light or dark lines) in your printouts, you may need to clean the print head. First print a nozzle check pattern, as described below. If dots are missing or out of place in the pattern, then run a cleaning cycle.

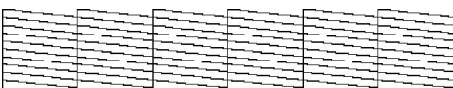
- 1 Load a sheet of paper (or roll paper) in the printer.



- 2 Press the **SelecType™** button repeatedly until **TEST PRINT MENU** appears on the display.



- 3 Press the **Item** button. **NOZZLE CHECK = PRINT** appears on the display.
- 4 Press the **Enter** button. The nozzle check prints as shown below:

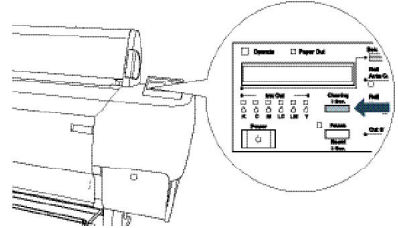


If all the lines on the check pattern are complete, with no gaps in the dot pattern, the print head doesn't need cleaning. (You may need to use an eye loupe to check the pattern.)

If dots are missing from the pattern, as shown below, you need to run a cleaning cycle.



- 5 Make sure that all of the **Ink Out** lights on the printer's control panel are off. If an **Ink Out** light is flashing or on, you need to replace the corresponding ink cartridge instead.
- 6 Press the **Cleaning** button and hold it for at least 3 seconds. The **Pause** light flashes as the printer cleans its print head. The cleaning cycle takes about a minute and does not use any paper.



To avoid damaging the printer, don't turn it off until the cleaning cycle is finished and the **Pause** light has stopped flashing.

- 7 When the **Pause** light goes off, follow steps 1 through 4 to run another nozzle check to make sure the print head is clean.

Aligning the Print Head

If banding appears on your prints, or vertical lines are not straight, you may need to align the print head. Before you begin, print a nozzle check (see page 4) to ensure that the problem is not caused by clogged nozzles.

1 Make sure the printer is turned on and 44-inch wide paper is loaded. (Be sure to use coated ink jet paper, such as the Doubleweight Matte Paper that came with the printer. For best results, use the paper you'll be printing on to perform the alignment.)

2 Press the **SelecType** button until **HEAD ALIGNMENT MENU** is displayed.

3 Press the **Item** button. **PAPER THICK=STD** appears on the display.

If you are using EPSON paper, leave this setting on **STD**.

If you are using other media, enter the thickness value of the paper in 0.1-mm increments by pressing the + or - button. Check the media specifications for its thickness.

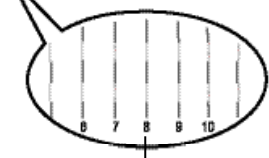
4 Press the **Enter** button. You see **ALIGNMENT=Bi-D LC** on the display.

5 Press the + button so that **ALIGNMENT=Uni-D** appears.

6 Press the **Enter** button to print the alignment pattern.

7 Examine the first row (marked #1 C). You see a series of patterns similar to the one below across the width of the paper. Use your own eye loupe or the one that came with the printer to determine which line is the best. (Each line is composed of two overlapping colors. Look for the line in which the colors overlap the most evenly.) In the example below, #8 is the best choice.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



number 8 shows the best line

8 Look at the other patterns in the first row to see if the same number is consistently the best line. If not, determine which number is generally the best.



Note Ideally, number 8 (± 1) should be the best line in all of the printed patterns. If it is, you can press **Pause** to exit the adjustment early.

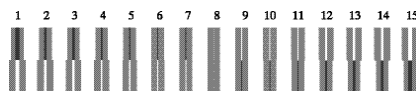
9 Check the control panel display. It shows #1 C=8, which means that number 8 is the current setting for row #1 C. If you need to change the setting, use the + or - button to select the best line for that row. Then press the **Enter** button to register the setting.

10 Repeat steps 7 through 9 for each additional row.

11 When done, press the **Pause** button to exit the head alignment.

You may have to repeat the adjustment more than once to ensure that number 8 is the best choice in all cases.

12 When done performing the adjustment in Uni-D (uni-directional) mode, as described above, you should repeat it in Bi-D mode (select **ALIGNMENT = Bi-D ALL**). The process is exactly the same, but the printed pattern is different:



number 8 shows the best block

To select the best pattern, use an eye loupe to determine which block has the smallest gaps. In the example above, number 8 has the smallest gaps.

Checking Ink Levels and Replacing Ink Cartridges

Before you begin a large print job, you should check your ink levels. If one of your cartridges is low, you can replace it before you start. Or, you can wait until the ink runs out, replace the cartridge, and then continue the job without any loss of print quality.

Checking Ink Levels

- 1 Press the **SelecType** button until **PRINTER STATUS MENU** appears on the display.
- 2 Press the **Item** button. The printer's firmware number appears.
- 3 Continue pressing the **Item** button to display the amount remaining for each of the 6 inks:
E***** F = full
E**** F = 3/4 full
E*** F = 1/2 full
E** F = 1/4 full
E* F = nearly empty
E F = empty
- 4 Press **SelecType** to exit the Printer Status menu.

Replacing Ink Cartridges

When one of the Ink Out lights is flashing and **INK LOW** is displayed on the control panel, the corresponding cartridge is nearly empty. Make sure you have the correct replacement cartridge.

EPSON Photographic Dye™ ink

• Black	T499201	• Light cyan	T504201
• Cyan	T502201	• Light magenta	T503201
• Magenta	T501201	• Yellow	T500201

EPSON Archival™ ink

• Black	T511201	• Light cyan	T516201
• Cyan	T514201	• Light magenta	T515201
• Magenta	T513201	• Yellow	T512201

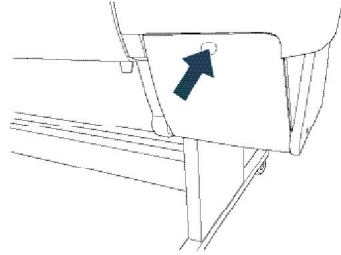
EPSON UltraChrome™ ink *

• Photo Black	T549100	• Light cyan	T549500
• Matte Black	T549800	• Light magenta	T549600
• Cyan	T549200	• Yellow	T549400
• Magenta	T549300		

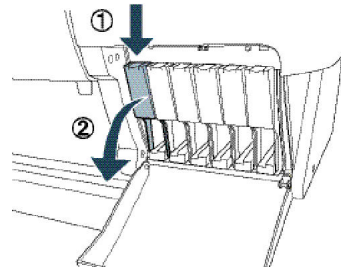
* Your printer uses one black ink cartridge (Matte Black or Photo Black). To switch black ink types, you have to follow a special procedure (see your *Printer Guide*), so be sure to replace the black cartridge with the same type as you are currently using.

When one of the Ink Out lights stays on and Ink Out is displayed on the control panel, the cartridge is empty. To replace the cartridge, first make sure the printer is on.

- 1 Push the indentation on the ink compartment cover to release the lock and open the cover.



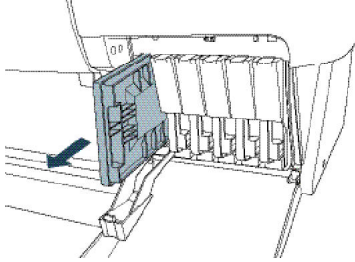
- 2 Locate the slot containing the empty ink cartridge corresponding to the Ink Out light. Press down on the top of the clamp and pull it forward.



Continue ►

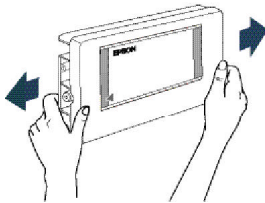
Replacing Ink Cartridges (Continued)

- 3** Carefully pull the empty cartridge straight out of the printer.

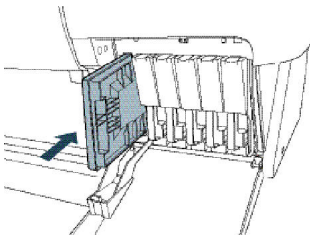


If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water.

- 4** Make sure the replacement cartridge is the correct color, and remove it from its package. If you're using Archival or UltraChrome ink, shake the cartridge gently before installing it.

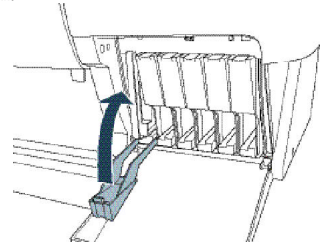


- 5** Hold the cartridge so the arrow mark is on the left side and points to the rear of the printer. Then insert the cartridge into the slot. Don't force it.



If you can't insert the cartridge smoothly, you may have the wrong cartridge. Check the package and product code.

- 6** Push the cartridge clamp back into the locked position. Make sure the corresponding Ink Out light goes off.



If the **Ink Out** light remains on, the cartridge may not be installed correctly. Remove the cartridge and then reinsert it as described above.

- 7** Close the ink compartment cover.

Control Panel Messages

Status messages

These messages indicate normal phases of printer operation.

Message	Light	Explanation or response
READY	Operate light on	Printer is ready to print.
PRINTING	Operate light flashing	Printer is receiving data.
RESET	All lights flash briefly	Printer is resetting.
PRESS PAUSE BUTTON	Pause light on	Press the Pause button to continue.
WAIT	Pause light on or flashing	Printer is warming up, performing maintenance, or charging ink.
PAUSE	Pause light on	Printer is paused. To resume printing, press the Pause button.
INK DRY FOR <number> MIN	Pause light flashing	Printer is paused to let ink dry. Wait for the number of minutes shown.

Error messages

For a complete list of error messages, see your *Printer Guide*.

Message	Light	Explanation	Response
INK LOW	Ink Out light(s) flashing	Ink cartridge(s) nearly empty (printing continues).	Replace ink cartridge(s) indicated by Ink Out light(s). See page 6.
INK OUT	Ink Out light(s) on	Ink cartridge(s) empty (printing stops).	Replace ink cartridge(s) indicated by Ink Out light(s). See page 6.
LOAD ROLL PAPER LOAD SHEET PAPER	Paper Out light on	Paper source setting in print options is different from control panel.	Make sure the right paper is loaded and the paper source setting is the same on the control panel and print options.
MAINTENANCE REQ. <error number>	—	A maintenance part needs to be replaced soon.	Note the error number and contact EPSON.

Continue ►

Control Panel Messages (Continued)

Error messages (Continued)			
Message	Light	Explanation	Response
PAPER JAM	Paper Out light flashing	Paper has jammed in the printer.	Pull the paper set lever all the way out and open the lower cover if necessary. Then remove the jammed paper, close the lower cover, and push the lever in. Turn the printer off and then back on.
PAPER NOT STRAIGHT	Paper Out light on	Paper was fed at an angle.	Reload paper, making sure the edges are straight and lined up with the rows of holes.
SERVICE REQ. <error number>	All lights flashing	An error has occurred.	Note the error number, and turn the printer off and then on. If the message remains, contact EPSON.
TURN PWR OFF AND ON	—	This message appears after you clear a paper jam.	Turn the printer off and then on again.

Where To Get Help

Place your EPSON PreferredSM Unit ID label here

Service	Access
Telephone support	Call (888) 377-6611. Make sure you have your Unit ID number. If you experience any difficulty with the toll-free number or your Unit ID number, call (562) 276-1305.
World Wide Web	Go to http://support.epson.com to download drivers, access product documentation and troubleshooting, and get technical advice through e-mail.
Support for non-EPSON RIP	Contact the RIP manufacturer.

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