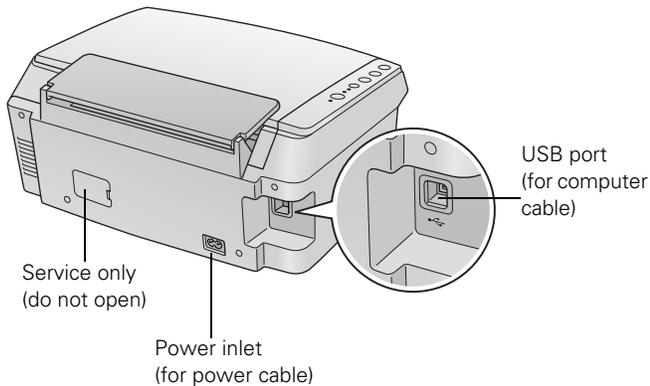
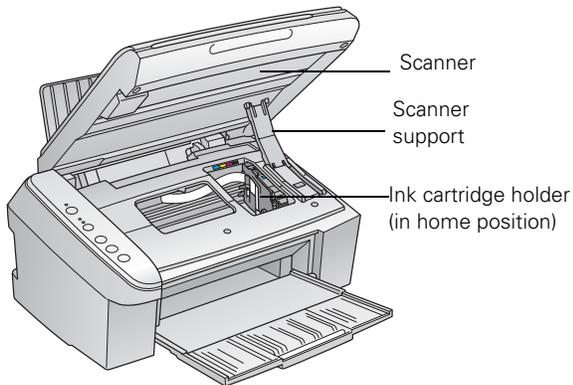
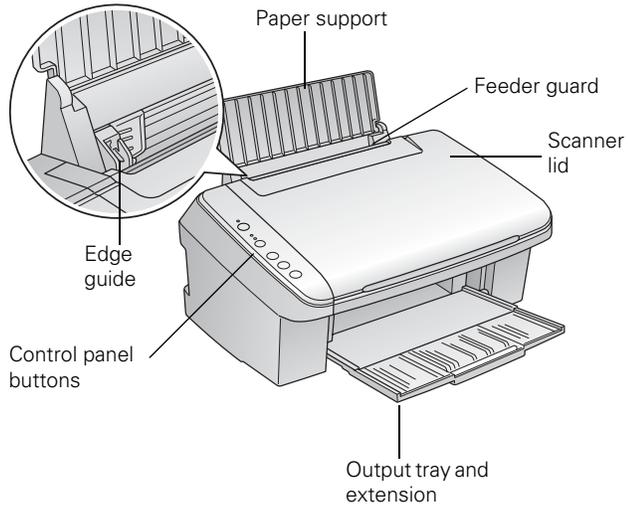


Epson Stylus CX4400 Series Parts



Accessories

Ink Cartridges

Color	Part number
Black	88
Cyan	88
Magenta	88
Yellow	88

Media

Paper name	Size	Part number
Epson Ultra Premium Photo Paper Glossy	Borderless 4 x 6 inches	S041934
	Letter (8.5 x 11 inches)	S041935
Epson Bright White Paper	Letter (8.5 x 11 inches)	S041586
Epson Premium Photo Paper Glossy	Borderless 4 x 6 inches	S041808 S041727
	Borderless 5 x 7 inches	S041464
	Borderless 8 x 10 inches	S041465
	Letter (8.5 x 11 inches)	S041286 S041667
Epson Premium Photo Paper Semigloss	Borderless 4 x 6 inches	S041982
	Letter (8.5 x 11 inches)	S041331
Epson Photo Paper Glossy	Borderless 4 x 6 inches	S041809 S042038
	Letter (8.5 x 11 inches)	S041141 S041649 S041271
	Borderless 8 x 10 inches	S041257
Epson Premium Presentation Paper Matte	Letter (8.5 x 11 inches)	S041257
	Borderless 8 x 10 inches	S041467
Epson Premium Presentation Paper Matte Double-Sided	Letter (8.5 x 11 inches)	S041568
Epson Presentation Paper Matte	Letter (8.5 x 11 inches)	S041062
	Legal (8.5 x 14 inches)	S041067
Epson Photo Quality Self-Adhesive Sheets	A4 (8.3 x 11.7 inches)	S041106
Epson Iron-On Cool Peel Transfer Paper	Letter (8.5 x 11 inches)	S041153

Specifications

Printing

Printing method	On-demand ink jet
Nozzle configuration	Black: 90 nozzles Color: 270 nozzles (90 each cartridge: cyan, magenta, yellow)
Print direction	Bidirectional with logic seeking

Ink Cartridges

Color	Cyan, magenta, yellow, black
Cartridge life	6 months at 77 °F (25 °C) after opening the package
Temperature	Storage: -4 to 104 °F (-20 to 40 °C) 1 month at 104 °F (40 °C) Freezing*: 3.2 °F (-16 °C)

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

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

Paper

Note:

Since the quality of any particular brand or type of paper may be changed by the manufacturer at any time, Epson cannot guarantee the quality of any non-Epson brand or type of paper. Always test a sample of paper stock before purchasing large quantities or printing large jobs.

Single sheets

Size	A4 (8.3 × 11.7 inches) A6 (4.1 × 5.8 inches) Letter (8.5 × 11 inches) Legal (8.5 × 14 inches) Half-letter (5.5 × 8.5 inches) 4 × 6 inches 5 × 7 inches 3.5 × 5 inches 8 × 10 inches 16:9 wide (4 × 7.11 inches)
Paper type	Plain bond paper or special paper distributed by Epson
Thickness	0.003 to 0.004 inch (0.08 to 0.11 mm)
Weight	17 lb (64 g/m ²) to 24 lb (90 g/m ²) (for plain bond paper)

Envelopes

Size	No. 10 (4.1 × 9.5 inches)
Paper type	Plain bond paper
Weight	20 lb (75 g/m ²) to 24 lb (90 g/m ²)

Note:

Poor quality paper may reduce the print quality and cause paper jams or other problems. If you have print quality problems, switch to a higher grade paper.

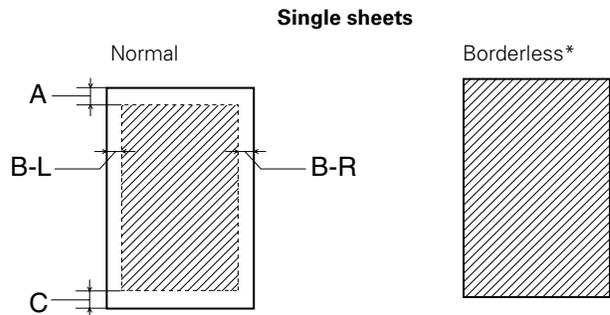
Do not load curled or folded paper.

Use paper only under normal conditions:

Temperature: 50 to 95 °F (10 to 35 °C)

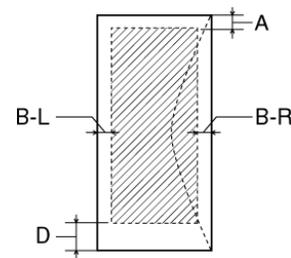
Humidity: 20 to 80% RH

Printable Area



* When printing with the borderless feature, print quality may decline in the expanded area. Before printing large jobs using the borderless setting, print a single sheet to confirm printout quality.

Envelopes



- A: The minimum top margin is 0.12" (3.0 mm).
- B-L: The minimum left margin is 0.12" (3.0 mm); 0.20" (5.0 mm) for envelopes.
- B-R: The minimum right margin is 0.12" (3.0 mm); 0.20" (5.0 mm) for envelopes.
- C: The minimum bottom margin is 0.12" (3.0 mm).
- D: The minimum bottom margin is 0.78" (20 mm) for envelopes.

Note:

Always load paper into the sheet feeder with the short edge first. Load envelopes flap edge left with the flap side down.

Scanning

Scanner type	Flatbed color
Photoelectric device	CIS
Effective pixels	5,100 × 14,040 pixels at 1200 dpi
Document size	216 × 297 mm (8.5 × 11.7 inches) A4 or US letter size
Output resolution	50 to 2400, 7200, and 9600 dpi (50 to 2400 dpi in 1 dpi increments)
Scanning resolution	600 dpi (main scan) 1200 dpi (sub scan)
Image data	16 bits per pixel per color internal 8 bits per pixel per color external (maximum)
Light source	RGB three color LED

Mechanical

Paper path	Sheet feeder, top entry
Sheet feeder capacity	About 80 sheets at 24 lb (90 g/m ²)
Dimensions	Stored: Width: 17.8 inches (452 mm) Depth: 13.7 inches (347 mm) Height: 8 inches (203 mm) Printing: Width: 17.8 inches (452 mm) Depth: 18.7 inches (476 mm) Height: 11.4 inches (290 mm)
Weight	11 lb (5 kg) without the ink cartridges

Electrical

Input voltage	90 to 132 V
Rated frequency	50 to 60 Hz
Rated current	0.6 A (0.7 A max)
Power consumption	Approx. 15.2 W (copying), max 21.6 W Approx. 3.8 W in sleep mode Approx. 1 W (max.) in power-off mode

Environmental

Temperature	Operation: 50 to 95 °F (10 to 35 °C) Storage: -4 to 104 °F (-20 to 40 °C) 1 month at 104 °F (40 °C)
Humidity	Operation: 20 to 80% RH Storage: 5 to 85% RH (without condensation)

USB Interface

Standard	Based on Universal Serial Bus Specifications Revision 1.1
Connector	USB Series B
Cable length	Under 6.6 feet (2 meters)

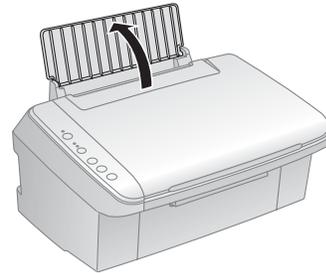
Safety Approvals

Safety	UL 60950-1 CAN/CSA C22.2 No. 60950-1
EMC	FCC part 15 Subpart B class B CAN/CSA-CEI/IEC CISPR 22 Class B

Loading Paper

Single Sheets

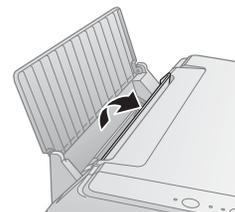
1. Open the paper support.



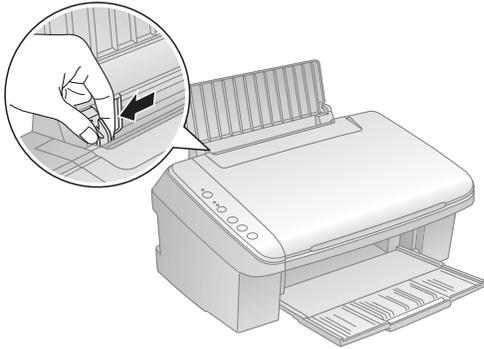
2. Open the output tray and pull out the extension.



3. Flip the feeder guard forward.

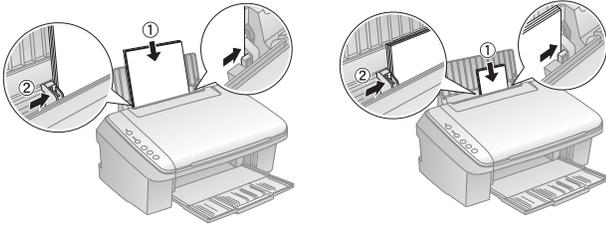


4. Press in the tab on the edge guide and slide it left.



5. Insert the paper, printable side up, against the right side. Then slide the edge guide against the paper.

(The printed side is whiter or brighter on some papers.)
Always load paper short edge first, even for landscape printing.

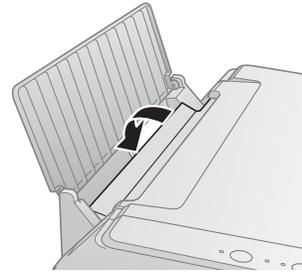


You can load up to 80 sheets of plain paper and up to 20 sheets of photo paper. Load other special papers one sheet at a time.

Note:

The type of paper you choose affects the way your printout looks. If you are just making a copy or printing a rough draft of an image, plain paper is fine. However, for the best results, you'll want to use one of Epson's special ink jet papers designed for your printer. For example, your photos will look great printed on Epson Premium Photo Paper Glossy (see page 1 for more information).

6. Flip the feeder guard back.

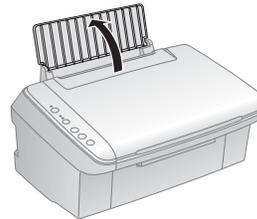


Follow these guidelines when loading paper:

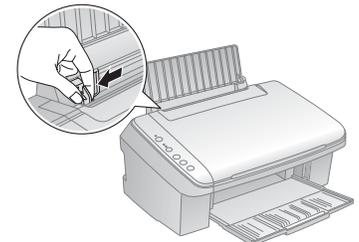
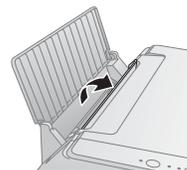
- Don't load paper above the arrow on the edge guide.
- Load the printable side face-up. It's often brighter or whiter than the other side.
- Always load the short edge first, even when printing in landscape mode.
- Load letterhead or preprinted paper into the printer top edge first.
- If you experience paper feeding problems, try loading fewer sheets.
- If you're using special paper, check the package for special loading instructions.

Envelopes

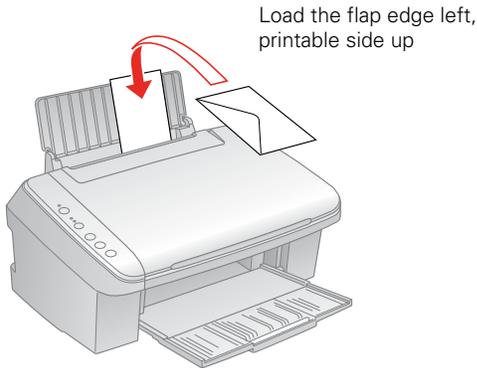
1. Open the paper support and output tray. Then pull out the extension.



2. Flip the feeder guard forward. Then press in the tab on the edge guide and slide it left.



- Load up to 10 envelopes at a time, flap edge left, printable side up, against the right side.



Note:
For best results, press each envelope flat before loading, or load one envelope at a time.

- Slide the edge guide against the envelopes (but not too tightly).
- Flip the feeder guard back.

Select the following settings when printing on envelopes:

- Envelope as the paper Type or Media Type setting
- Envelope #10 as the Size or Paper Size setting
- Landscape as the Orientation setting

Selecting the Correct Media Type

The table below lists the settings you should choose for your paper in the printer software:

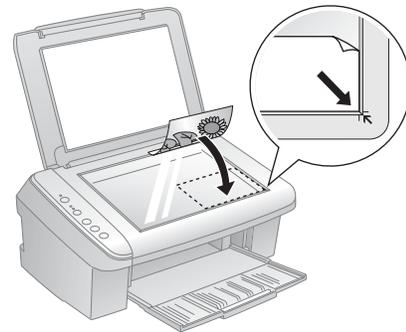
Paper	Type or Media Type setting
Plain paper Epson Bright White Paper Epson Presentation Paper Matte	Plain Paper / Bright White Paper
Epson Ultra Premium Photo Paper Glossy	Ultra Premium Photo Paper Glossy
Epson Premium Photo Paper Glossy	Premium Photo Paper Glossy
Epson Photo Paper Glossy	Photo Paper Glossy
Epson Premium Photo Paper Semi-gloss	Premium Photo Paper Semi-Gloss
Epson Premium Presentation Paper Matte Epson Premium Presentation Paper Matte Double-Sided Epson Photo Quality Self-Adhesive Sheets Epson Iron-On Cool Peel Transfer Paper	Premium Presentation Paper Matte
Envelopes	Envelope

Placing Originals for Copying or Scanning

Caution:

Do not place heavy objects on the scanner or document cover.

- Open the document cover and place your original face-down on the glass, in the front right corner.



Move the photo or document slightly away from the edges to avoid cropping.

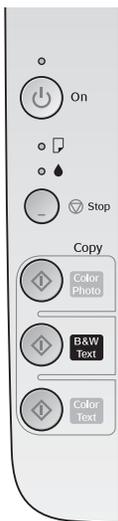
- Close the document cover gently so that your original does not move.

Copying

You can make copies using letter-size (8.5 × 11-inch) plain paper or 4 × 6-inch photo paper.

Copying a Document

1. Make sure the CX4400 Series is turned on.
2. Place the document on the glass as described on page 5. Be sure to close the document cover.
3. Load up to 80 sheets of letter-size plain paper or Epson Bright White Paper (see page 3 if you need instructions.)
4. Do one of the following:
 - To make a color copy, press the **Color Text** button. To make a black and white copy, press the **B&W Text** button.
 - If you want to enlarge your document to fit on the paper you loaded, press and hold either the **Color Text** or **B&W Text** button for 3 seconds.
 - To print a quick draft copy, press and hold the **Stop** button as you press either the **Color Text** or **B&W Text** button.



If you need to stop copying, press the **Stop** button. Do not pull out paper that is being printed; it will be ejected automatically to the output tray.

Note:

The copies may not be exactly the same size as the original.

Copying a Photo

1. Make sure the CX4400 Series is turned on.
2. Place the photo on the glass as described on page 5. Be sure to close the document cover.
3. Load up to 20 sheets of 4 × 6-inch photo paper. (See page 3 if you need instructions.)
4. Press the **Color Photo** button.

Scanning a Photo or Document

You can use your CX4400 Series to scan a photo or document and save it on your computer or other device, or to fax or e-mail it to someone else.

You can even restore faded color photographs or correct backlighting as you scan (see page 7 for details).

The Epson Scan software provides three scanning modes for progressive levels of control over your scanned image:

- Full Auto Mode** scans quickly and easily using automatic settings.
- Home Mode** previews your image and provides automatic image adjustments, cropping tools, and preset options for various types of scans.
- Professional Mode** previews your image and lets you manually configure your scan settings with a full array of tools.

Basic Scanning

You can scan from any TWAIN-compliant application—such as ArcSoft PhotoImpression™—using Epson Scan. Or you can start Epson Scan directly from your computer and save your image to a file.

1. Open the document cover and place your original face-down on the glass, in the front right corner, as shown on page 5.
2. Close the cover gently so you don't move the original.
3. Do one of the following to start EPSON Scan:
 - Windows®**: Double-click the EPSON Scan icon on your desktop.
 - Macintosh®**: Double-click EPSON Scan in the Applications folder.
 - If you are scanning from an application, start your application. Then open the File menu, choose **Import** or **Acquire**, and select **Epson Stylus CX4400 Series**.

You see the EPSON Scan standby window:



- If the Mode setting in the upper right corner is set to **Full Auto Mode**, click the **Scan** button.

Note:

If you want to automatically restore a color photo as you scan or change settings, click the **Customize** button (see the next section for instructions).

If you are in Home or Professional Mode, you see a different Epson Scan settings window. You can change the mode using the Mode selector in the upper right corner. (For details on using Home or Professional Mode, see the on-screen *User's Guide*.)

- Click **OK**. The image is scanned and you see its icon in Windows Explorer or Macintosh Finder.

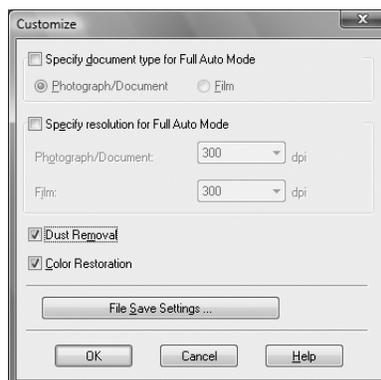
Restoring and Correcting Photos

You can automatically transform a faded, dusty, or badly exposed photo into one with true-to-life color and sharpness as you scan. Use the Color Restoration and Dust Removal options in Epson Scan's Full Auto Mode.

In Home and Professional Modes, you can also select Backlight Correction to remove shadows from images with too much background light.

Full Auto Mode

Click the **Customize** button, click **Dust Removal** and/or **Color Restoration**, click **OK**, and click **Scan**.



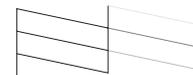
Checking the Print Head Nozzles

If your printouts are faint or have gaps in them, some of the nozzles in the print head may be clogged or ink may be running low in one or more of the ink cartridges. Follow the steps below to check the print head nozzles:

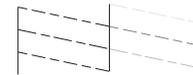
- Turn off the CX4400 Series.
- Load letter-size paper in the sheet feeder.
- Hold down the **⏻ Stop** button as you press the **⏻ On** button. Hold down both buttons until the **⏻ On** light begins to flash, then release the buttons.

The CX4400 Series turns on and prints a test pattern:

Print head nozzles are clean:



Print head needs to be cleaned:



If the pattern does not look good, try cleaning the print head as described below.

Cleaning the Print Head

If print quality has declined and the nozzle check pattern indicates clogged nozzles, you can clean the print head.

Note:

Print head cleaning uses ink, so clean it only if necessary. If the red **⬮** ink light comes on or flashes, you cannot clean the print head. In this case, replace the appropriate ink cartridge first (see page 8).

- Make sure the CX4400 Series is on and the **⬮** ink light is off.
- Hold down the **⏻ Stop** button for at least 3 seconds until the **⏻ On** light starts flashing. The CX4400 Series runs a head cleaning cycle, which takes about one minute.

Caution:

Never turn off the CX4400 Series during head cleaning or you may damage it.

- When the **⏻ On** light stops flashing, run a nozzle check to verify that the print head is clean.
- If there are still gaps or lines, or the test patterns are faint, run another cleaning cycle and check the nozzles again.

Note:

If you don't see any improvement after cleaning the print head two times, turn off the CX4400 Series and wait at least 6 hours to let any dried ink soften. Then try printing again. If you do not use your CX4400 Series often, it is a good idea to print a few pages at least once a month to maintain good print quality.

Replacing Ink Cartridges

- ❑ When the red  ink light flashes, one or more ink cartridges are low on ink.
- ❑ When the red  ink light stays on, you need to replace the cartridge(s).

You'll also see a message on your screen when you print telling you which cartridge is low or expended. (You cannot print when a cartridge is expended, even if the other cartridges are not expended.)

When a cartridge is more than six months old, print quality may decline. If necessary, try cleaning the print head. If printouts still do not look their best, you may need to replace the cartridge.

Checking Cartridge Status

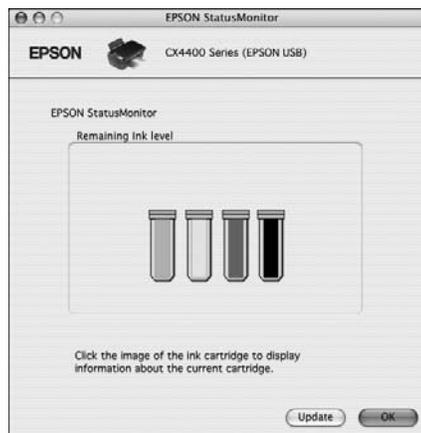
To check cartridge status, do one of the following:

- ❑ **Windows:** Double-click the  icon on your taskbar (in the lower right corner of your screen).



You may also see a message asking whether you want to receive ink offers or updates. Click **Accept** or **Decline** to continue.

- ❑ **Macintosh OS X:** Open the Applications folder and select EPSON Printer Utility 2. Select CX4400 Series in the printer list, click OK, and select EPSON Status Monitor.



Removing and Installing Ink Cartridges

Make 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.

Warning:

Keep ink cartridges out of the reach of children.

If ink gets on your skin, wash it off with soap and water. If it gets in your eyes, flush them immediately with water.

Do not put your hand inside the CX4400 Series or touch any cartridges during printing.

Caution:

Do not open ink cartridge packages until you are ready to install the ink. Cartridges are vacuum packed to maintain reliability.

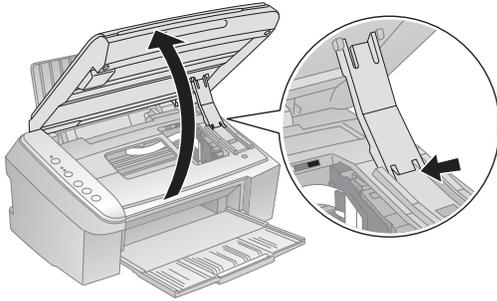
Install a new ink cartridge immediately after removing an expended one. Leaving cartridges uninstalled can dehydrate the print head and may prevent the CX4400 Series from printing.

Leave the expended cartridge installed until you have obtained a replacement, or the ink remaining in the print head nozzles may dry out. To ensure good results, use genuine Epson ink cartridges and do not refill them. Other products may cause damage to your CX4400 Series not covered by Epson's warranty.

If you remove an ink cartridge for later use, protect the ink supply area from dirt and dust and store it in the same environment as the CX4400 Series. Note that there is a valve in the ink supply port, making covers or plugs unnecessary, but care is needed to prevent the ink from staining items that the cartridge touches. Do not touch the ink cartridge ink supply port or surrounding area.

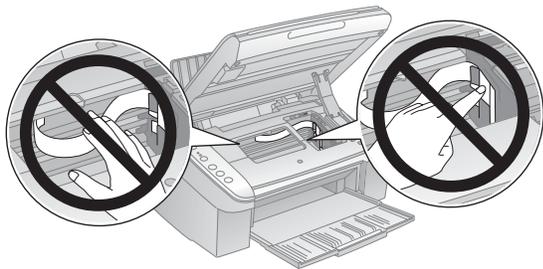
If you remove a low or expended ink cartridge, you cannot reinstall and use the cartridge.

1. Make sure the CX4400 Series is on and the red  ink light is on but not flashing.
2. Open the scanner and make sure its support locks in place.

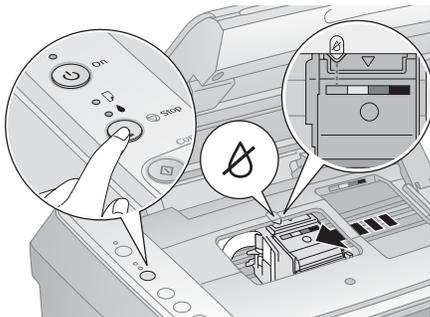


Caution:

Do not touch any area shown below.



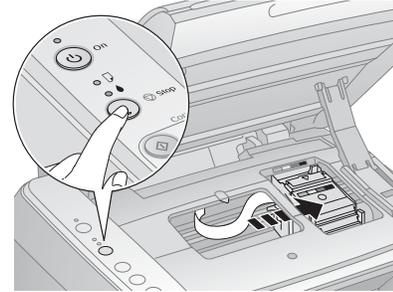
3. Press the  Stop button. The print head moves to the  position to indicate which cartridge is low or expended.



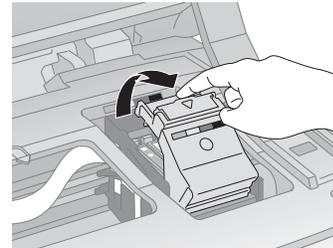
Note:

Do not move the print head by hand; this may damage the CX4400. Always press and release the  Stop button to move it.

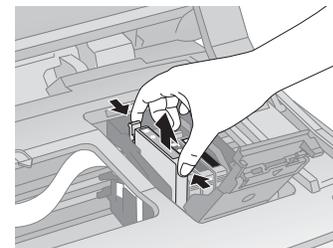
4. Press the  Stop button again.
 - If another cartridge is low or expended, it moves to the  position. Press the  Stop button again to see if more cartridges are low or expended.
 - If no other cartridges are low or expended, the print head moves to the replacement position.



5. Open the cartridge cover.



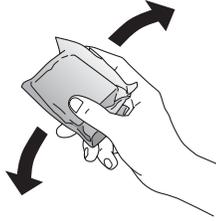
6. Squeeze the tab on the cartridge and lift it straight out. Dispose of it carefully. Do not take the used cartridge apart or try to refill it.



Warning:

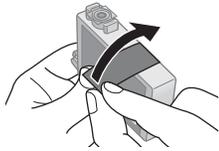
If ink gets on your hands, wash them thoroughly with soap and water. If ink gets into your eyes, flush them immediately with water. Keep ink cartridges out of the reach of children.

7. Before you open the new ink cartridge package, shake it four or five times. Then remove it from the package.

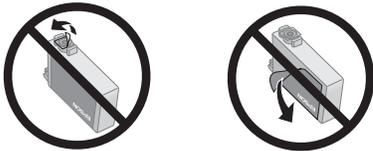


Caution:
Do not touch the green chip on the front of the cartridge. This can damage the ink cartridge.

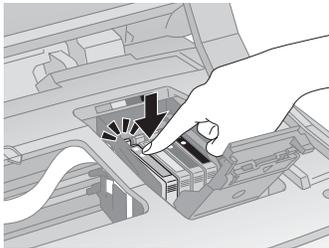
8. Remove the yellow tape from the bottom of the ink cartridge.



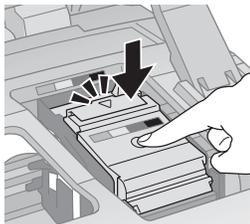
Caution:
Do not remove any other labels or seals, or ink will leak.



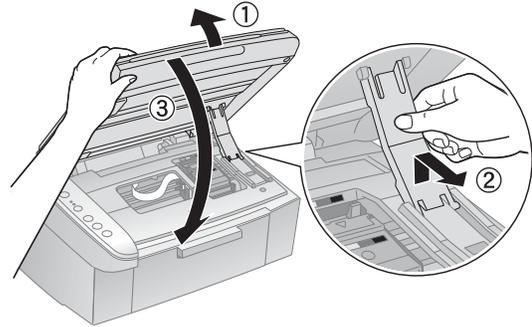
9. Place the new ink cartridge into the cartridge holder and push it down until it clicks into place.



10. Once you have replaced all the cartridges that need replacing, close the ink cartridge cover and press it until it clicks into place.



11. Hold the scanner while you release the support. Then close the scanner.



12. Press the  Stop button to begin charging the ink. This takes about one and a half minutes. When it's finished, the On light stops flashing and remains on, and the  ink light goes out.

Caution:
Never turn off the CX4400 Series while the On light is flashing or you'll waste ink. If the  ink light flashes, press the  Stop button and press down all the cartridges securely.

Aligning the Print Head

If your printouts look grainy or blurry, or you see light or dark bands across them, you may need to align the print head.

Note:
Banding may also occur if your print head nozzles need cleaning.

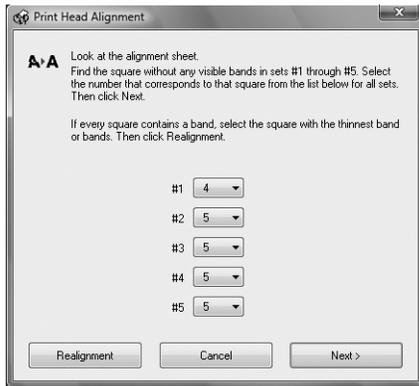
1. Turn on the CX4400 Series.
2. Load several sheets of paper.
3. **Windows:** Right-click the  printer icon on your taskbar (in the lower right corner of your screen). Select **Print Head Alignment**.

Macintosh OS X: Open the **Applications** folder and select **EPSON Print Utility**. Select your **CX4400 Series** in the printer list, click **OK**, and select **Print Head Alignment**.

4. Follow the instructions on the screen to print an alignment sheet.

Note:
Do not press the  Stop button to cancel printing of the alignment sheet.

You see the following:



5. Check the alignment pattern that prints and compare it to the alignment criteria on your screen.
6. Enter the number of the best pattern and click **Next**.
If no patterns are aligned, choose the square with the thinnest bands and click **Realignment**. Then print another alignment sheet and repeat this step.
7. Follow the on-screen instructions to print and compare each alignment sheet, or click **Skip**.

Transporting the CX4400 Series

If you need to ship your CX4400 Series, you must prepare it for transportation by packing it in its original box or one of a similar size.

1. Turn off the CX4400 Series.
2. Unplug and disconnect all the connected cables.
3. Remove all paper.
4. Close the paper support and output tray.
5. Lift up the scanner and make sure the ink cartridge holder is in the home position all the way on the right.

Caution:

Be sure to remove the tape after installing the printer in its new location, but before you turn it on.

6. Release the scanner support and close the scanner.
7. Repack the CX4400 Series in the original box or one of a similar size using protective material to keep it from moving inside the box.

Keep the CX4400 Series level as you transport it.

After transporting the CX4400 Series, remove the tape securing the print head, plug in the CX4400 Series, and turn it on. If you notice a decline in print quality, clean the print head (see page 7); if output is misaligned, align the print head (see page 10).

Related Documentation

Note:

The availability of specific manuals varies by location.

CPD-23604R1	Epson Stylus CX4400 Series <i>Start Here</i> sheet (English/Spanish)
CPD-23603R1	Epson Stylus CX4400 Series <i>Start Here</i> sheet (English/French)
CPD-23606R1	Epson Stylus CX4400 Series <i>Quick Guide</i> (English)
CPD-23608	Epson Stylus CX4400 Series <i>Quick Guide</i> (Spanish)
CPD-23607	Epson Stylus CX4400 Series <i>Quick Guide</i> (French)
CPD-23605R1	Epson Stylus CX4400 Series CD-ROM (includes on-screen <i>User's Guide</i>)

