

Edition

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Steps to basic printing

tells you how to load paper and adjust your printer software for printing.



Printing beyond the basics

tells you how to print booklets and two-sided documents.



Maintaining your printer

tells you how to install, replace, and align the print cartridges.



Troubleshooting

provides information to help you solve printing problems.



Appendix

provides notices, safety, and warranty information.



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allows you to link directly to the information you need.

Home page



Lexmark Z52 Color Jetprinter™ User's Guide for Macintosh

Use this guide when you have questions about your printer or when you encounter a problem.

Tips for using this guide

- Use the buttons on the left side of the screen to navigate through the pages of this guide.
- Click the **blue text** to link to another part of this guide.
- Click the left or right arrows to move forward or back through the pages. Click the house to return to the Home page.
- Click **Edition notice** to view edition and trademark information.
- To print this guide:
 - 1 From the Acrobat Reader File menu, select Print.
 - 2 Click Setup and make sure Landscape is selected.
 - 3 Select the pages you want to print and click **OK**.





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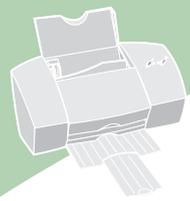
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Basic printing is as easy as:

Step One: Load the paper

Step Two: Customize your printing options

Step Three: Print your document





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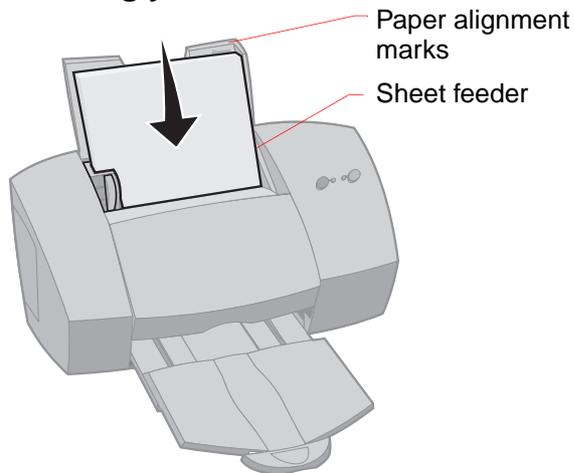
Steps to basic printing



Step One: Load the paper

You can load up to 100 sheets of paper (depending on thickness) into the printer.

- 1 Place the paper against the right side of the sheet feeder with the print side facing you.**





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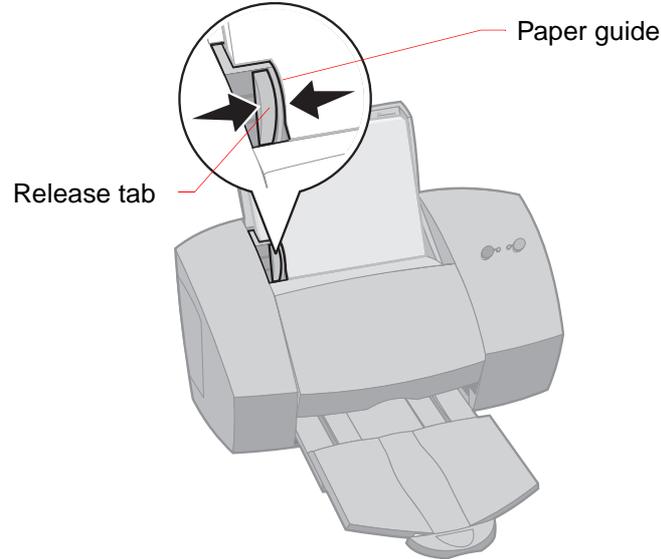


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- 2 Squeeze the release tab and the paper guide together and slide the paper guide to the edge of the paper.





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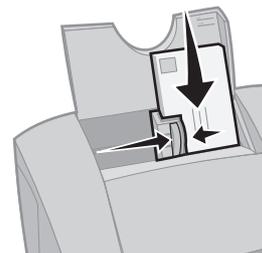
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Loading specialty papers

Follow these guidelines when loading specialty papers:

Load up to:	Make sure the...
10 envelopes.	<ul style="list-style-type: none"> print side is facing you. paper guide is against the side of the envelopes. stamp location is in the upper left corner.
10 greeting cards, index cards, or postcards.	<ul style="list-style-type: none"> print side is facing you. cards are loaded vertically against the right side of the sheet feeder. paper guide is against the side of the cards.





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Load up to:	Make sure the...
25 sheets of photo paper or photo cards.	<ul style="list-style-type: none"> glossy or coated side is facing you. paper guide is against the side of the photo paper.
25 iron-on transfers.	<ul style="list-style-type: none"> print side is facing you and follow the instructions included in the iron-on transfer packaging. paper guide is against the side of the iron-on transfers.
100 sheets of custom-sized paper.	<ul style="list-style-type: none"> paper size fits within these dimensions: <ul style="list-style-type: none"> Width dimensions: <ul style="list-style-type: none"> mm: 76.2 - 215.9 inches: 3.0 - 8.5 Length dimensions: <ul style="list-style-type: none"> mm: 127.0 - 431.8 inches: 5.0 - 17.0 paper guide is against the side of the paper.





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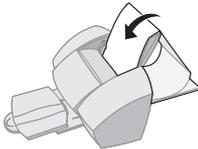
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Load up to:	Make sure the...
<p>20 sheets of banner paper.</p>	<ul style="list-style-type: none"> print side is facing you, and then place the banner paper behind the printer. Next, bring the unattached edge of the first page over the top of the printer and into the sheet feeder.  <ul style="list-style-type: none"> paper guide is against the side of the paper. <p><i>NOTE: Select the Banner (Letter) or Banner (A4) Paper Size in the Lexmark Z52 Page Setup dialog box.</i></p>
<p>10 transparencies.</p>	<ul style="list-style-type: none"> rough sides of the transparencies are facing you (smooth side down). paper guide is against the side of the transparencies.





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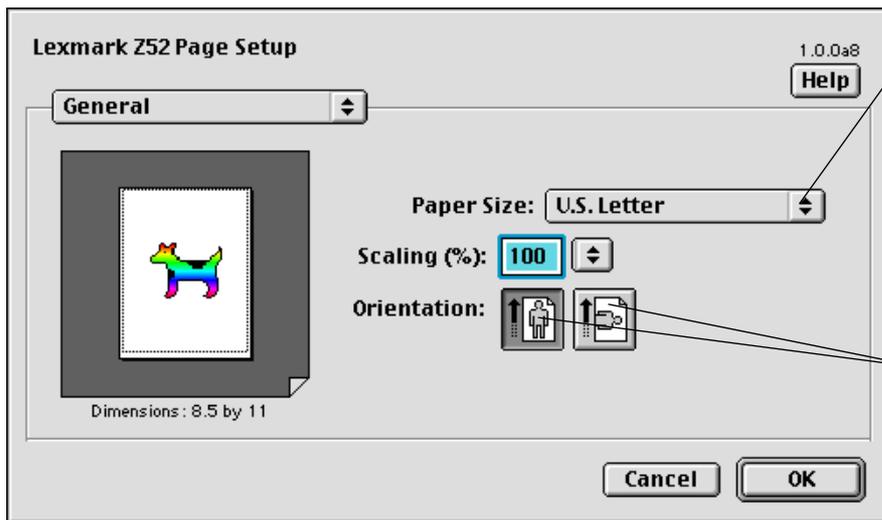
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Step Two: Customize your printing options

The printer software for your printer allows you to perform printing tasks with superior printing results.

The Page Setup dialog box comes with your operating system. It includes options such as paper size, orientation, and watermarks.



Click this pop-up menu to select a paper size.

Click one of these to select the page orientation.





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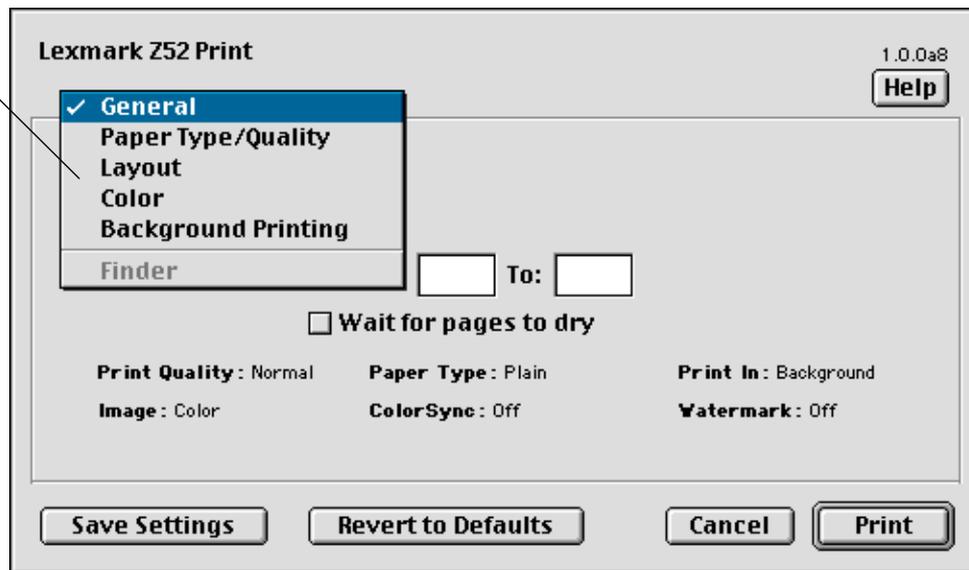
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The Print dialog box comes with your printer software. It includes options such as number of copies, pages to print, paper source, print quality, booklet printing, pages per sheet (handouts), print last page first, print on both sides, color matching, background printing, and print time.

See the table below.





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From the pop-up menu, choose this option:	When you want to select:
General	the number of copies, the pages to print, and wait for pages to dry.
Paper Type/Quality	paper type, and print quality.
Layout	booklet printing, pages per sheet, print last page first, print on both sides, and binding.
Color	ColorSync or Built-In color matching.
Background Printing	print in foreground, print in background, or print time.

Changing your page settings

To change your paper size, orientation, scaling, and watermarks, open the Page Setup dialog box from your application.

- 1 **Open the application's File menu.**
- 2 **Choose Page Setup.**
- 3 **Change options as needed.**





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Changing your print settings from an application

To change your print settings from an application (for example, word processing, spreadsheet, graphics, etc.), open the Print dialog box.

- 1 **Open the application's File menu.**
- 2 **Choose Print....**
- 3 **Change options as needed.**

Changing your print settings from your desktop

To change your print settings from your desktop, open the Print dialog box.

- 1 **From your desktop, open the File menu.**
- 2 **Choose Print....**
- 3 **Change options as needed.**





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Changing your print settings for specialty paper.

When you installed your printer software, the Page Setup dialog box and the Print dialog box were set to the default settings. Use the default settings for printing most documents on plain paper. However, you may need to change your printer options for printing on specialty papers.

When you are printing on this specialty media:	Open this dialog box:	And make these selections:
Envelopes	Page Setup	From the Paper Size pop-up menu, select the appropriate envelope size.
Cards	Page Setup	From the Paper Size pop-up menu, select the appropriate card size.
Banners	Page Setup	From the Paper Size pop-up menu, select Banner (Letter) or Banner (A4).





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When you are printing on this specialty media:	Open this dialog box:	And make these selections:
Transparencies	Print	<p>From the Paper Type/Quality pop-up menu, select Transparency Paper Type and Normal (600 dpi) Print Quality.</p> <p><i>NOTE: When printing transparencies, remove each transparency as it exits the printer and allow it to dry before stacking.</i></p>
Iron-On Transfers	Print	From the Paper Type/Quality pop-up menu, select Iron-On Transfer Paper Type.
Coated	Print	From the Paper Type/Quality pop-up menu, select Coated Paper Type.





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When you are printing on this specialty media:	Open this dialog box:	And make these selections:
Glossy/Photo Paper	Print	<ul style="list-style-type: none"> From the Paper Type/Quality pop-up menu, select Glossy Paper Type and High (1200 dpi) Print Quality. From the Color pop-up menu, select Built-In Color Matching. From the Document Color pop-up menu, select Natural Color. <p><i>NOTE: When printing photos, remove each photo as it exits the printer and allow it to dry before stacking.</i></p>





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Saving your settings

You may want to save your settings and use them the next time you print. To save your settings:

- 1 **Open the File menu.**
- 2 **Choose Print.... The Print dialog box appears.**
- 3 **Change settings as needed.**
- 4 **Select Save Settings.**

Going back to the defaults

You may want to change your settings back to the default settings.

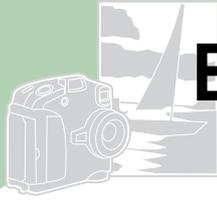
- 1 **Open the File menu.**
- 2 **Choose Print.... The Print dialog box appears.**
- 3 **Select Revert to Defaults.**

Step Three: Print your document

- 1 **Open the File menu.**
- 2 **Choose Print.... The Print dialog box appears.**
- 3 **Select Print.**



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You can customize your printer software for:

Printing booklets

Printing handouts

Printing last page first

Printing on both sides of a sheet of paper

Printing booklets

You can print and bundle your document together to make a booklet.



Step One: Load the paper

Load up to 100 sheets of paper against the right side of the sheet feeder. For help loading paper, see [page 4](#).



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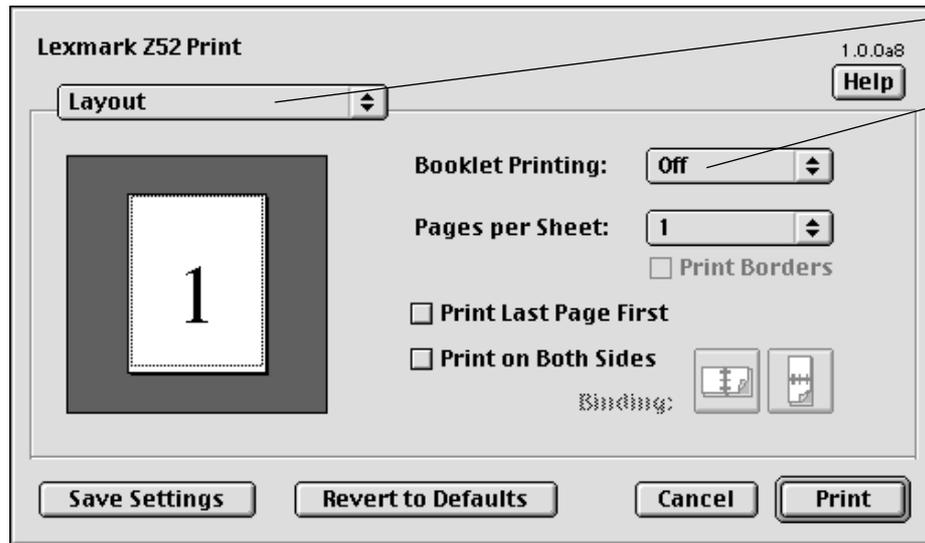
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Step Two: Customize the Print dialog box for booklets

- 1 Open the Page Setup dialog box.
- 2 Select the appropriate paper size.
- 3 Select the appropriate page orientation:
- 4 Open the Print dialog box.



Select Layout.

Select the number of sheets to bundle.

- 5 From the General pop-up menu, select Layout.



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- 6 From the Booklet Printing pop-up menu, select the appropriate number of sheets to bundle.**

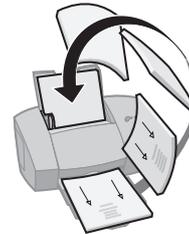
Notes: A bundle is any number of sheets of paper folded together. For help, see the next section, [Building a booklet](#).

When printing with a heavier paper stock, select a smaller number of sheets to bundle to allow for binding considerations.

- 7 Select Print.**

When the first half of your booklet is finished printing, your printer software prompts you to reload the paper.

- 8 Insert the stack of paper and paper reloading instruction page with the printed side facing away from you and the arrows pointing down.**



- 9 Select Print.**



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Building a booklet

Once your document prints, you need to stack the bundles together and bind your booklet.



Five bundles stacked to form a booklet.

To build a booklet:

- 1 Take the first bundle from the paper exit tray, fold it in half, and set it aside.**
- 2 Take the next bundle, fold it in half, and stack it on top of the first bundle.**
- 3 Stack the rest of your bundles on top of each other until your booklet is complete.**
- 4 Bind the bundles together to complete your booklet.**



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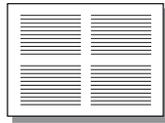
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Printing handouts



You can conserve paper by printing handouts, or multiple page images, on a single sheet of paper.

Step One: Load the paper

Load up to 100 sheets of paper against the right side of the sheet feeder. For help loading paper, see [page 4](#).

Step Two: Customize the Print dialog box for Pages per Sheet (handouts)

You can print your handouts on one side of the paper or on both sides of the paper.

- 1 **Open the Page Setup dialog box.**
- 2 **Select the appropriate paper size.**
- 3 **Select the appropriate page orientation.**
- 4 **Open the Print dialog box.**
- 5 **From the General pop-up menu, select Layout.**



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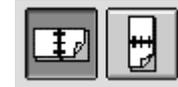
- 6 From the Pages per Sheet pop-up menu, select the number of page images you want to print on a single sheet.

The graphic changes to show you how the printed page will look.

- 7 Select **Print Borders** if you want the borders to print.

- 8 To print your handout on both sides of the paper, select **Print on Both Sides**.

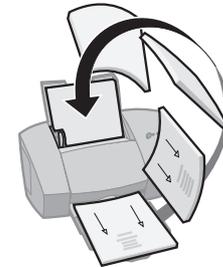
- 9 Select the appropriate graphic for the binding edge you want.



- 10 Select **Print**.

If you formatted your handouts to print on one side of each page, you are finished. If you formatted your handouts to print on both sides of each page, continue with printing the second side of our handouts.

- 11 When the first half of your handouts is finished printing, your printer software prompts you to reload the paper. Insert the paper and instruction page with the printed side facing away from you and the arrows pointing down.



- 12 Select **Print**.



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Printing last page first

You can print your pages in reverse order. The last page prints first and the first page prints last.

Step One: Load the paper

Load up to 100 sheets of paper against the right side of the sheet feeder. For help loading paper, see [page 4](#).

Step Two: Customize the Print dialog box to print the last page first

- 1 Open the Page Setup dialog box.
- 2 Select the appropriate paper size.
- 3 Select the appropriate page orientation.
- 4 Open the Print dialog box.
- 5 From the General pop-up menu, select Layout.
- 6 Select Print Last Page First.
- 7 Select Print.





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Printing on both sides of a sheet of paper

Your Lexmark printer lets you print on both sides of a sheet of paper. Besides saving paper, this feature is helpful when you want to print tablets.

Step One: Load the paper

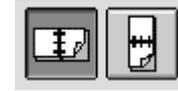
Load up to 100 sheets of paper against the right side of the sheet feeder. For help loading paper, see [page 4](#).

Step Two: Customize the Print dialog box to print on both sides of the paper

- 1 Open the Page Setup dialog box.
- 2 Select the appropriate paper size.
- 3 Select the appropriate page orientation.
- 4 Open the Print dialog box.
- 5 From the General pop-up menu, select Layout.
- 6 Select Print on Both Sides.



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- 7 Select the appropriate graphic for the binding edge you want.**

You can either bind on the left edge or on the top edge of the paper.

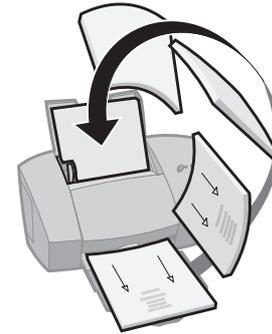
- 8 Select Print.**

The odd-numbered pages print first. When the odd-numbered pages finish printing, your printer software prompts you to reload the paper.

- 9 Insert the stack of paper and instruction page with the printed side facing away from you and the arrows pointing down.**

- 10 Click OK.**

The even-numbered pages print on the other side.



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This chapter describes how to install, replace, and care for your print cartridges. You can use the Control Panel, one of your printer's software programs, to help you with these tasks.

Using the Control Panel

Installing or replacing print cartridges

Improving print quality

Aligning the print cartridges

Wiping print nozzles and contacts

Preserving print cartridges



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Using the Control Panel

The Control Panel includes two tabs: Cartridge and About.

Opening the Control Panel

To open the Control Panel:

- 1 Open the Apple menu.**
- 2 Choose Control Panels.**
- 3 Choose Lexmark Z52 Control Panel.**





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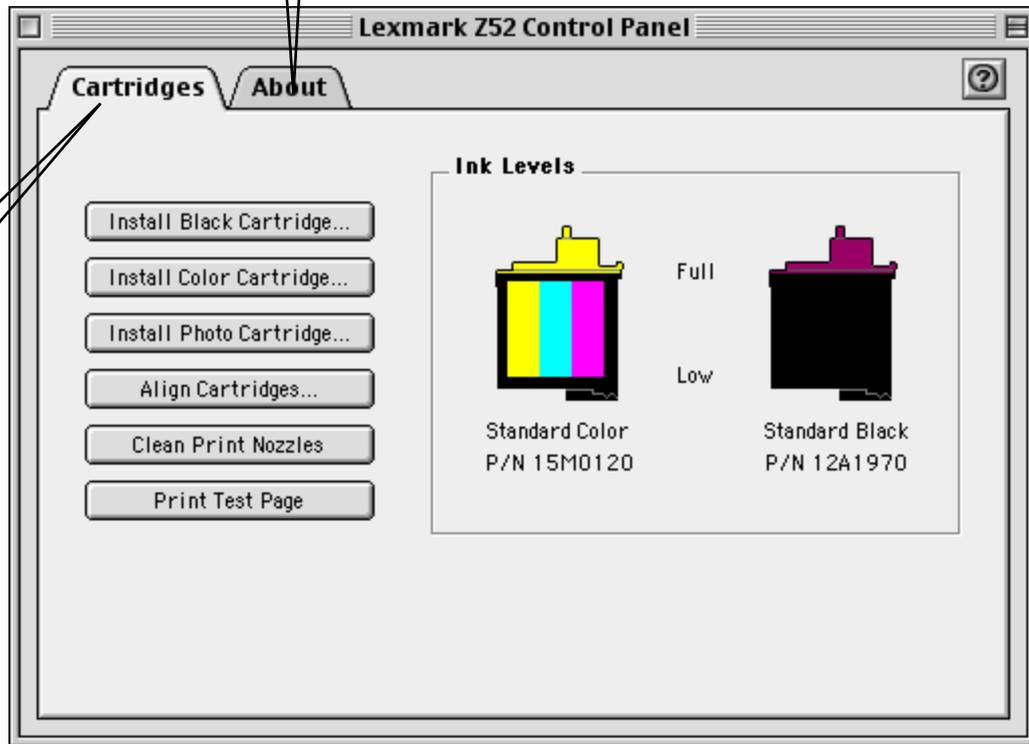


Select...

the **About** tab to find printer software version and copyright information

the **Cartridge** tab to:

- Install or replace a print cartridge
- Align the cartridges
- Clean the print nozzles
- Print a test page





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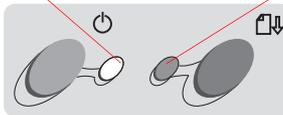
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Installing or replacing print cartridges

1 Make sure the Power light is on.

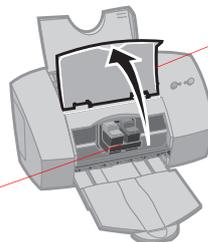
Power light



Paper Feed light

2 Raise the front cover.

The print cartridge carrier moves to the loading position unless the printer is busy.



Front cover

Print cartridge carrier in the loading position





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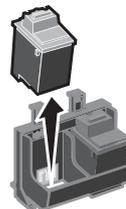
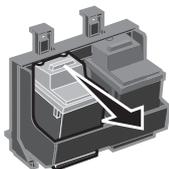


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- 3 Remove the old print cartridge. Store or dispose of the old cartridge.



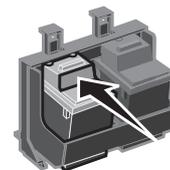
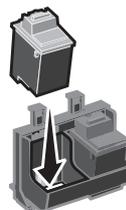
- 4 Install the replacement cartridge in the printer:

Warning: Do **Not** touch the gold contact area on the print cartridge!

If you are installing a new cartridge, remove **only** the sticker and transparent tape from the bottom of the print cartridge.

Insert the replacement print cartridge into the print cartridge carrier.

Push back firmly on the cartridge until it **snaps** securely into place.



- 5 From the Lexmark Z52 Control Panel, select the Cartridges tab.





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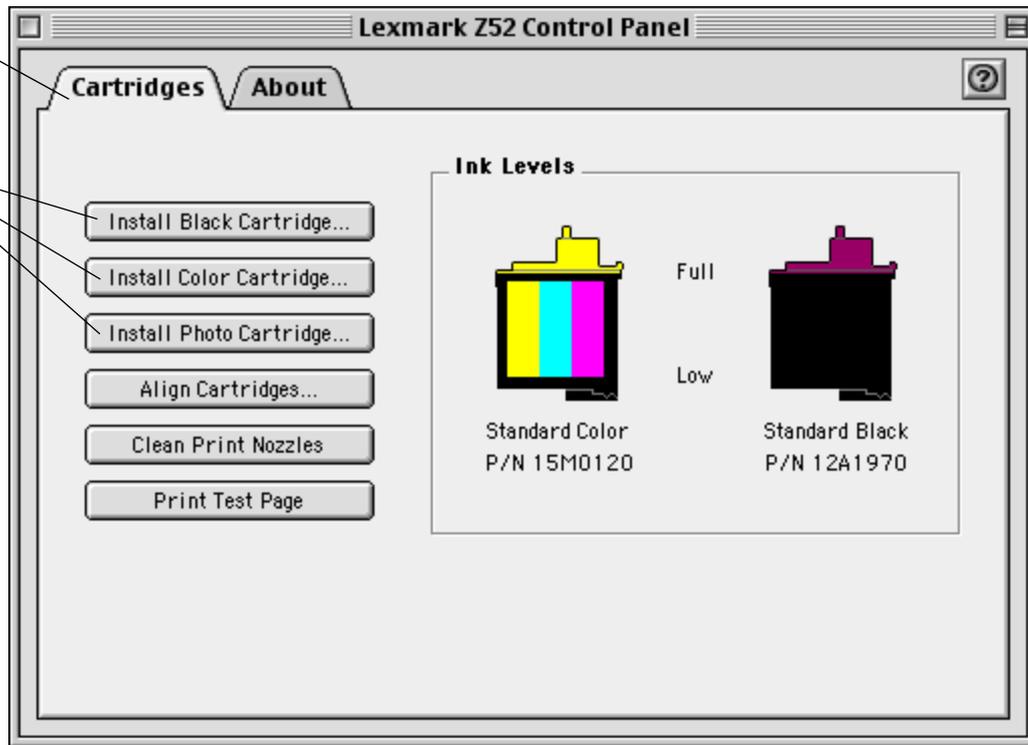
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6 Select the appropriate button for your cartridge.

Click the Cartridges tab.

Click the button for the cartridge you want to install.





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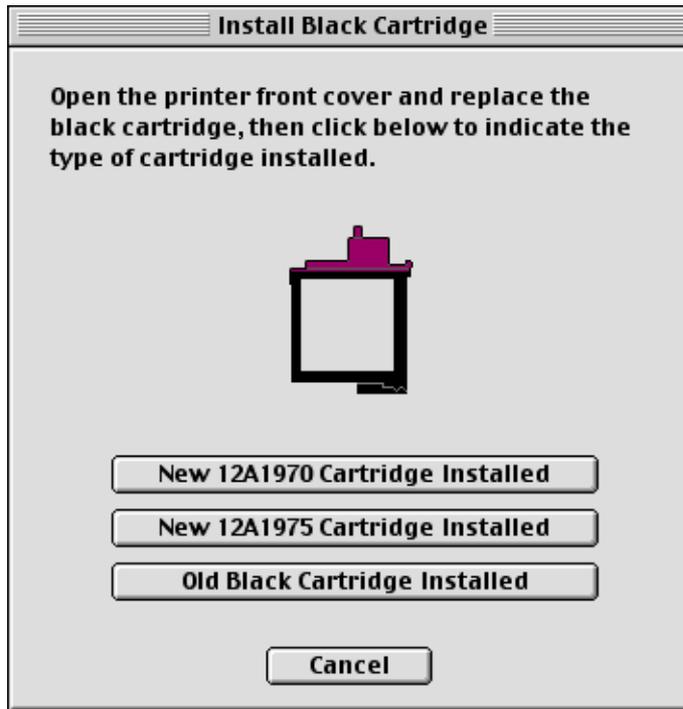


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7 Follow the steps on your screen to install the cartridges.





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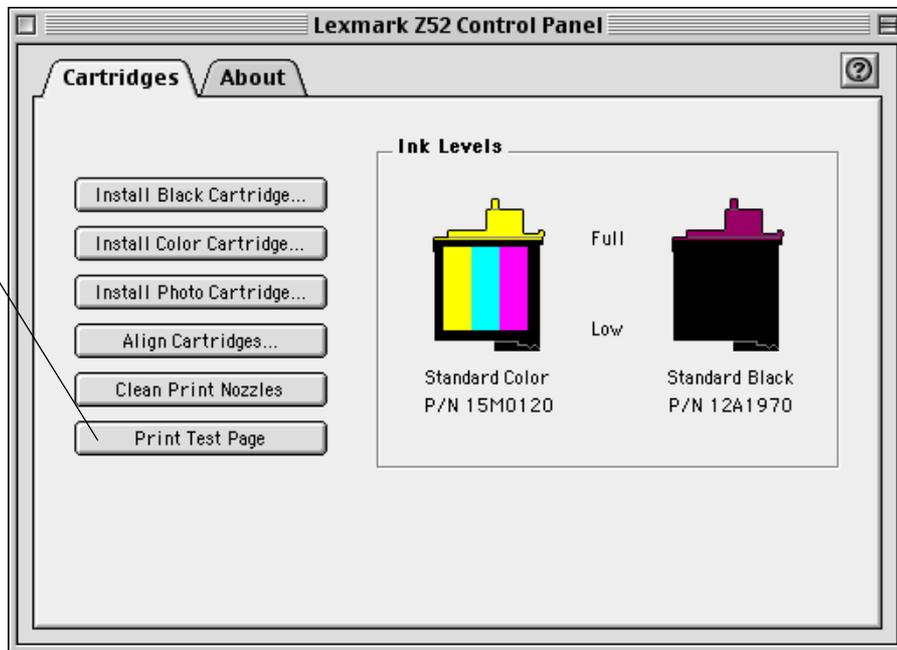
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- 8 Select Yes to align the cartridges. Follow the instructions on the screen to complete cartridge alignment. For additional help, see [page 34](#).
- 9 To see how the cartridges print, select Print Test Page.

Select Print Test Page.





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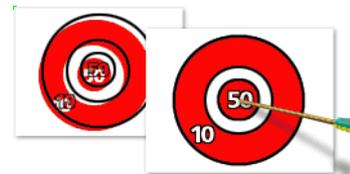


Improving print quality

If print quality is not satisfactory, you may need to align your print cartridges or clean your print nozzles.

Aligning the print cartridges

Normally, you only align the print cartridges after installing a new print cartridge. However, you may also need to align the print cartridges when:



- The black portions of a graphic or text do not align properly with the color portions.
- Characters are not aligned correctly at left margin.
- Vertical lines appear “wavy.”

To align your print cartridges:

- 1 Load plain paper in the printer.**
- 2 Open the Control Panel. For help, see [page 27](#).**





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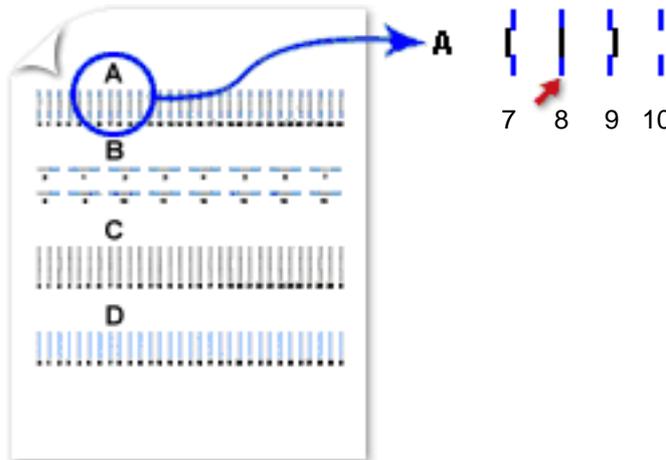
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3 From the Cartridges tab, select Align Cartridges.

Your printer prints an alignment test page with several alignment patterns. The test page looks similar to the one shown:



4 From each alignment group on the test page, find the number under the alignment pattern that comes closest to forming a perfectly straight line.

For example, in sample group **A**, the arrow points to the pattern that comes closest to forming a straight line.





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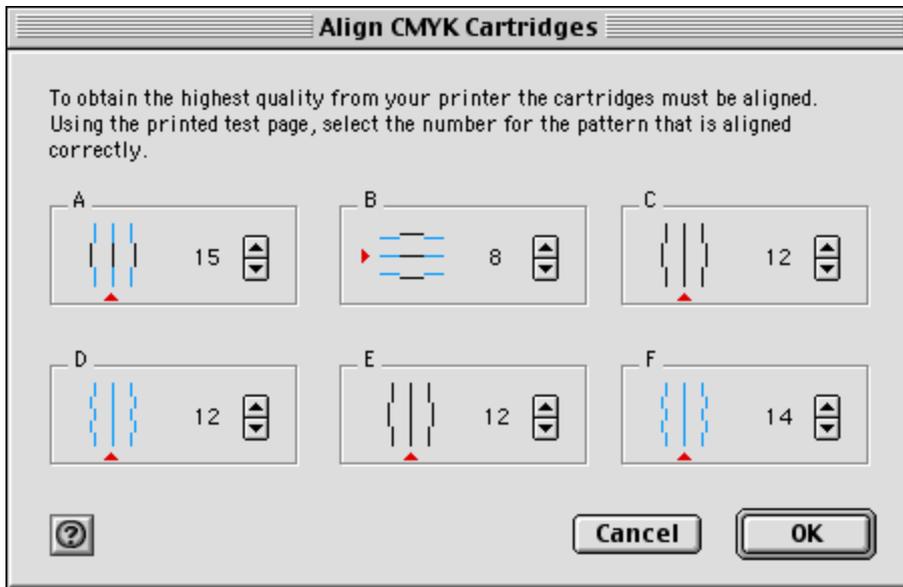


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- 5 In the Align Cartridges dialog box, enter the pattern numbers from the printed test page that come closest to forming a perfectly straight line.



- 6 After you have entered a number for each of the patterns, select OK.





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Cleaning the print nozzles

The print cartridge nozzle test cleans the print cartridge by forcing ink through the nozzles to clear any clogged nozzles. A test line prints so you can see if the cleaning process was successful.

Note: Run the nozzle test when:

- Characters are not printing completely.
- White dashes appear in graphics or printed characters.
- Print is too dark or smudged.
- Colors do not print correctly.

To run the nozzle test:

- 1 Load plain paper in the printer.
- 2 Open the Control Panel. For help, see [page 27](#).





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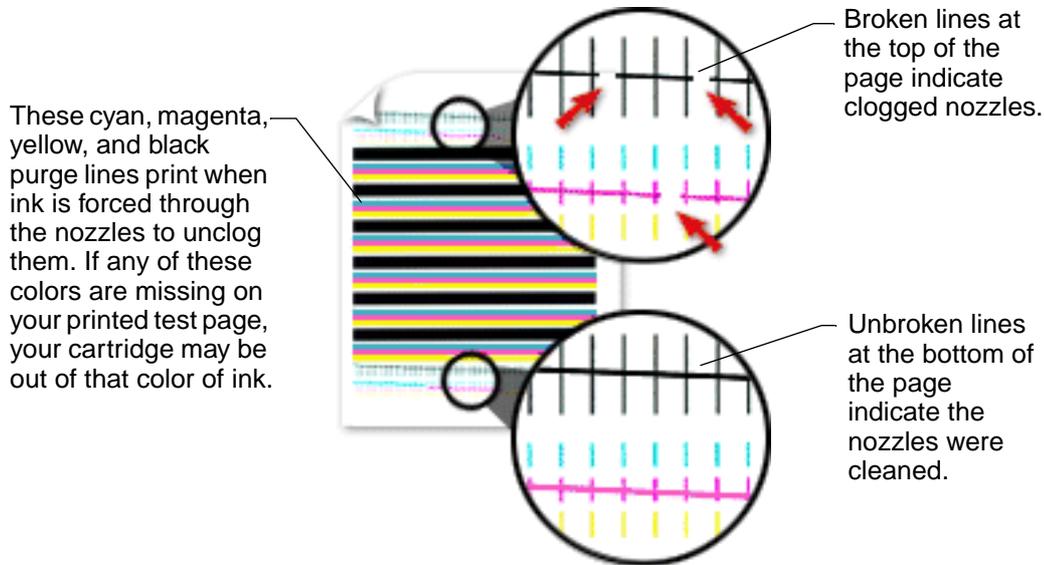
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3 From the Cartridges tab, select Clean Print Nozzles.

The printer feeds a sheet of paper and prints a nozzle test pattern, similar to the one shown:





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- 4 **Compare the diagonal lines above the printed bars to the diagonal lines below the printed bars. Look for a break in the diagonal lines. A broken line indicates clogged nozzles.** If the bottom line still has breaks, run the test two more times.
 - If the print quality is satisfactory, the print nozzles are clean. You do not need to complete the remaining steps.
 - If the print quality of both sets of lines is not satisfactory, continue with the next step.
- 5 **Remove and reinstall the print cartridge.**
- 6 **Repeat the nozzle test.**
- 7 **If the lines are still broken, see the next section, [Wiping print nozzles and contacts](#).**

Wiping print nozzles and contacts

If print quality does not improve after cleaning the print nozzles (see [page 37](#)), there may be dried ink on the print cartridge nozzles or contacts.

- 1 **Remove the print cartridges from the printer. For help, see [page 29](#).**





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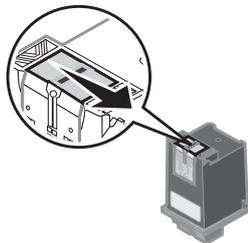
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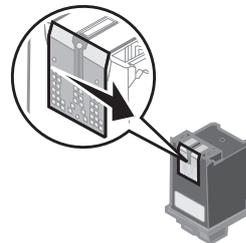


- 2 Dampen a clean, lint-free cloth with water. Gently wipe the nozzles and contacts in one direction.**

Warning: Do **not** wipe the nozzles and contacts with the same section of cloth.



- Hold the damp cloth against the nozzles for about three seconds. Gently blot and wipe dry.



- Use another clean section of cloth to gently wipe the contacts. Hold the damp, lint-free cloth against the contacts for about three seconds. Gently blot and wipe dry.

- 3 Reinstall the print cartridges and repeat the nozzle test. For help, see [page 37](#).**

If the print quality has not improved after this cleaning process, replace your print cartridge. If print quality still does not improve, your printer may require service.





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Preserving print cartridges

To ensure the longest life from your print cartridge and optimum performance from your printer:

- Keep a new print cartridge in its packaging until you are ready to install it.
- Do not remove a print cartridge from the printer except to replace, clean, or store it in an air-tight container. The print cartridge does not print correctly if removed from the printer and left exposed for an extended period of time.
- If a print cartridge runs out of ink, leave the empty cartridge in the printer until you are ready to replace it. Printing with one of the print cartridge carriers empty may cause printer problems.

Lexmark's printer warranty does not cover repair of failures or damage caused by a refilled cartridge. Lexmark does not recommend use of refilled cartridges. Refilling cartridges can affect print quality and cause damage to the printer. For best results, use Lexmark supplies.





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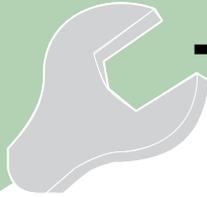
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Troubleshooting

This section lists printer problems that can occur and what you can do to solve them. From the list of printing problems below, select a category that describes your printing problem. Then search for the solution to your problem.

General printing problems

Printer prints slowly or doesn't print

Paper misfeeds or jams

Document prints with mistakes or poor quality

Problems with transparencies, photos, or envelopes

Error messages and flashing lights

Macintosh locks up while printing





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General printing problems

When there is a problem, first make sure that:

- The power supply is plugged into the printer and a properly grounded electrical outlet.
- The printer is turned on.

Printer prints slowly or doesn't print



If your printer does not print, your printer and your computer may not be able to communicate properly.

The following events also indicate two-way communications problems:

- A message displays on your computer screen indicating an error has occurred while printing a document and suggests you try printing again.
- Print cartridge ink level indicators on the Cartridges tab of the printer's Control Panel are shaded.
- Error messages (such as Paper Out) and job progress information do not display on your computer screen.



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Before proceeding, verify that:

- The USB cable is securely attached to both the printer and the computer.
- The printer is plugged in and turned on.

If you have a hub or peripheral, such as a scanner or fax, you may need to disconnect your printer from those devices and connect the printer directly to your computer.

Printer is plugged in but doesn't print

Make sure:

- The printer is turned on.
- Paper is loaded correctly.
- The USB cable is completely plugged into the printer.
- The printer is not being held or paused in the print queue. To check the printer status:

- 1 Double-click the Lexmark Z52 printer icon on your desktop.**
- 2 Make sure the Pause button is not depressed.**



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Troubleshooting



Print a test page. If the test page prints, the printer is functioning properly. Check your application.

Test page does not print

- Make sure the print cartridges are installed correctly. For help, see [page 29](#).

Printer ejects a blank page after appearing to print

- Make sure your Lexmark printer is set as the default printer.
- Make sure you have removed the sticker and transparent tape on the bottom of the print cartridges. For help, see [page 29](#).

Printer prints very slowly

- Close any open applications not in use.
- Decrease your print quality setting.
- Check the document you are printing. Photos and graphics may take longer to print than regular text.
- Check your computer's resources. Consider purchasing more memory or increasing the virtual memory for your computer.





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Paper misfeeds or jams



Paper misfeeds or pulls multiple sheets while moving through the printer

Make sure:

- The printer is on a flat, level surface.
- The paper is a recommended paper for inkjet printers.
- You do not force the paper down into the printer when you load it.
- You do not load too much paper in the sheet feeder. Depending on the thickness of your paper, the sheet feeder can hold up to 100 sheets of paper.
- The left paper guide does not cause the paper to bow in the sheet feeder.
- The left paper guide is against the side of the paper.

Printer does not feed envelopes or specialty papers

- Make sure your printer will feed regular paper. For help loading paper, see [page 4](#).



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- If regular paper feeds without problems, load the envelopes vertically against the right side of the sheet feeder. Make sure the paper guide is against the side of the envelopes.
- Make sure envelopes or the appropriate specialty papers are selected in the Page Setup dialog box or the Print dialog box.
- Make sure you are using a paper or envelope size supported by your printer.
- Your application may not be designed to print envelopes. For help, check your application's documentation.

Printer has a paper jam

If the paper is lodged too far into the printer and can't be removed:

- 1 Press the Power button to turn the printer off.**
- 2 Pull firmly on the paper to remove it. If you cannot reach the paper because it is too far into the printer, raise the front cover and pull the paper out from the front of the printer.**
- 3 Close the front cover.**
- 4 Press the Power button to turn your printer on.**
- 5 Resend your document to print.**



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Document prints with mistakes or poor quality



Print is too dark or smudged

- Make sure the paper is straight and unwrinkled.
- Let the ink dry before handling the paper.
- Make sure the Paper Type or Paper Size setting in the printer software matches the type of paper loaded in the printer.
- Change the print quality setting to Quick Print.
- Clean the print nozzles. For help, see [page 37](#).

Vertical straight lines are not smooth

To improve the print quality of vertical straight lines in tables, borders, and graphs:

- Select a higher print quality.
- Align the print cartridges. For help, see [page 34](#).
- Clean the print nozzles. For help, see [page 37](#).





Print smears on the page

- The next page exiting the printer may be smearing the ink. Remove the pages as they exit the printer and allow them to dry before stacking.
- The print nozzles may need cleaning. For help, see [page 37](#).

Printed pages have alternating bands of light and dark print (intermittent printing)

- Select the print quality setting High (1200 dpi).
- You may have two-way communication problems. For help, see [page 43](#).



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Print quality is poor at the left, right, top, or bottom edge of page

Like other printers, your printer cannot print in the extreme left, right, top, or bottom edges of a page.

Use these minimum settings:

- Left and Right minimum margins:
6.35 mm (0.25 in.) each for all paper sizes except A4.
For A4 size paper - 3.37 mm (0.133 in.) each.
- Top and Bottom minimum margins:
Top - 1.7 mm (0.067 in.)
Bottom - 12.7 mm (0.5 in.)

Printed characters are improperly formed or misaligned

- Cancel all print jobs, if any, and resend your job to print.
- Align the print cartridges. For help, see [page 34](#).
- Clean the print nozzles. For help, see [page 37](#).





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Colors on the printout differ from the colors on the screen

- For ColorSync color matching, select the profile and rendering intent you want.
 - 1 From the File menu, choose Print....
 - 2 From the General pop-up menu, select Color.
 - 3 Select ColorSync Color Matching.
 - 4 Select the Printer Profile you want.
 - 5 Select the Rendering Intent you want.
- For Built-In color matching, select Natural Color as the Document Color:
 - 1 From the File menu, choose Print....
 - 2 From the General pop-up menu, select Color.
 - 3 Select Built-In Color Matching.
 - 4 From Document Color, select Natural Color.
- A print cartridge may be out of ink or low on ink. For help changing the print cartridge, see [page 29](#).
- Try using a different brand of paper. Every paper brand accepts ink differently and prints with slight color variations.
- Disconnect your printer from any extra peripherals and connect the printer directly to your computer.





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Colors on the printout are faded

Try the suggestions listed in the previous section, [Colors on the printout differ from the colors on the screen](#). If the colors still seem faded, run the nozzle test. For help, see [page 37](#).

Characters are missing or unexpected

- Make sure your Lexmark Z52 printer driver is selected as the default printer.
- Your printer may have two-way communication problems. For help see [page 43](#).





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Problems with transparencies, photos, or envelopes



Glossy photo papers or transparencies stick together

- Use a photo paper or transparency designed for an inkjet printer.
- Remove each page as it exits the printer and allow it to dry before stacking.

Transparencies or photos contain white lines

- Select a higher print quality.
- Your print nozzles may need cleaning. For help, see [page 37](#).

Printer does not feed envelopes or specialty papers

For help, see [page 46](#).





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Error messages and flashing lights



Power
light

Paper
Feed
light

Paper Jam message

For help, see [page 47](#).

Ink Low message

A print cartridge is running out of ink. Purchase a new print cartridge.

The Power light is on and the Paper Feed light is blinking

- If the printer is out of paper:
 - 1 Load paper.**
 - 2 Press the Paper Feed button.**
- If the printer has a paper jam, see [page 47](#).

The Power light blinks twice

The print cartridge carrier has stalled. Check your screen for any error messages.

- 1 Turn the printer off.**
- 2 After waiting a few seconds, turn the printer back on.**





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Macintosh locks up while printing

If your Macintosh locks up or freezes while printing, you may need to turn off the printer and computer and then turn them back on. When you turn them back on, the print driver's spooler may attempt to start printing the job that was in the queue before the computer locked up. This could cause your system to lock up again. To recover from this problem:

- 1 Turn off the printer and the computer.**
- 2 Hold down the Shift key and turn on the Macintosh.**
- 3 Press and hold this key until you see the Mac OS screen with the words: Extensions Off.**
- 4 Release the Shift key.**
- 5 Locate the Lexmark Z52 printer icon on your desktop. The inactive printer spooler will have an X over it.**
- 6 Double-click the icon to open a folder titled Lexmark Z52.**
- 7 Drag your print jobs to the trash can.**
- 8 Restart the Macintosh to enable extensions again.**





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In this section, you can find information about:

- Warranty
- Notices
- Safety information

Statement of Limited Warranty

Lexmark International, Inc., Lexington, KY

This warranty applies to the United States and Canada. For customers outside the U.S. and Canada, refer to the country-specific warranty information that came with your printer.

Lexmark Z52 Color Jetprinter™

This Statement of Limited Warranty applies to this product if it was originally purchased for your use, and not for resale, from Lexmark or a Lexmark remarketer,

referred to in this statement as “Remarketer.”

Warranty

Lexmark warrants that this product:

- Is manufactured from new parts, or new and serviceable used parts, which perform like new parts,
- Is free from defects in material and workmanship,
- Conforms to Lexmark’s official published specifications, and
- Is in good working order.

If this product does not function as warranted during the warranty period, contact a Remarketer or Lexmark for repair without charge.

If this product is a feature or option, this statement applies only when that feature or option is used with the product for which it was designed. To obtain warranty service, you may be required to present the feature or option with the product.

- If you transfer this product to another user, warranty service under the terms of this statement is available to that user for the remainder of the warranty period. You should transfer proof of original purchase and this statement to that user.

Warranty Service

The warranty period is 12 months and starts on the date of original purchase as shown on the purchase receipt.

To obtain warranty service you may be required to present proof of original purchase. Warranty service will be provided at a Remarketer or a Lexmark designated location. You may be required to deliver your product to the Remarketer or Lexmark, or ship it prepaid and suitably packaged to a Lexmark designated location. You are responsible for loss of, or damage to, a product in transit to the Remarketer or the designated location.





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When warranty service involves the exchange of a product or part, the item replaced becomes the property of the Remarketer or Lexmark. The replacement may be a new or repaired item. The replacement item assumes the remaining warranty period of the original product.

Replacement is not available to you if the product you present for exchange is defaced, altered, in need of a repair not included in warranty service, or damaged beyond repair. Also, such product must be free of any legal obligation or restrictions that prevent its exchange.

Before you present this product for warranty service, remove all programs, data, and removable storage media.

For further explanation of your warranty alternatives and the nearest Lexmark authorized servicer in your area, contact Lexmark at 1-800-539-6275 or on

the World Wide Web at www.lexmark.com.

Free remote technical support is provided for this product throughout its warranty period. For products no longer covered by a Lexmark warranty, technical support may only be available for a fee.

Extent of Warranty

We do not warrant uninterrupted or error-free operation of a product.

Warranty service does not include repair of failures caused by:

- modification or attachments
- accidents or misuse
- unsuitable physical or operating environment
- maintenance by anyone other than Lexmark or a Lexmark authorized servicer
- operation of a product beyond the limit of its duty cycle

- failure to have installed a maintenance kit as specified (if applicable)
- use of printing media outside of Lexmark specifications
- use of other than Lexmark supplies (such as toner cartridges, inkjet cartridges, and ribbons)
- use of other than Lexmark product or component

ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD. NO WARRANTIES, EXPRESS OR IMPLIED, WILL APPLY AFTER THIS PERIOD.

Limitation of Liability

Your sole remedy under this Statement of Limited Warranty is set forth in this section. For any claim concerning performance or nonperformance of Lexmark or a





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Remarketer for this product under this Statement of Limited Warranty, you may recover actual damages up to the limit set forth in the following paragraph.

Lexmark's liability for actual damages from any cause whatsoever will be limited to the greater of 1) \$5,000 or 2) the amount you paid for the product that caused the damages. This limitation of liability will not apply to claims by you for bodily injury or damage to real property or tangible personal property for which Lexmark is legally liable. In no event will Lexmark be liable for any lost profits, lost savings, incidental damage, or other economic consequential damages. This is true even if you advise Lexmark or a Remarketer of the possibility of such damages. Lexmark is not liable for any claim by you based on a third party claim.

This limitation of remedies also applies to any developer of materials supplied to Lexmark. Lexmark's and the developer's

limitations of remedies are not cumulative. Such developer is an intended beneficiary of this limitation.

Additional Rights

Some states do not allow limitations on how long an implied warranty lasts, or do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

Electronic Emission Notices

Federal Communications Commission (FCC) Compliance Information Statement

The Lexmark Z52 Color Jetprinter has been tested and found to

comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The FCC Class B limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the





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interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult your point of purchase or service representative for additional suggestions.

The manufacturer is not responsible for any radio or television interference caused by using other than recommended cables or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate this equipment.

Note: To assure compliance with FCC regulations on electromagnetic interference for

a Class B computing device, use a properly shielded and grounded cable such as Lexmark part number 43H5856 for USB attach. Use of a substitute cable not properly shielded and grounded may result in a violation of FCC regulations.

Any questions regarding this compliance information statement should be directed to:

Director of Lab Operations
Lexmark International, Inc.
740 West New Circle Road
Lexington, KY 40550
(606) 232-3000

Industry Canada Compliance Statement

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Avis de conformité aux normes d'Industrie Canada

Cet appareil numérique de la classe B respecte toutes les

exigences du Règlement sur le matériel brouilleur du Canada.

European Community (EC) Directives Conformity

This product is in conformity with the protection requirements of EC Council directives 89/336/EEC and 73/23/EEC on the approximation and harmonization of the laws of the Member States relating to electromagnetic compatibility and safety of electrical equipment designed for use within certain voltage limits.

A declaration of conformity with the requirements of the Directive has been signed by the Director of Manufacturing and Technical Support, Lexmark International, S.A., Boigny, France.

This product satisfies the Class B limits of EN 55022 and safety requirements of EN 60950.





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The United Kingdom Telecommunications Act 1984

This apparatus is approved under the approval number NS/G/1234/J/100003 for the indirect connections to the public telecommunications systems in the United Kingdom.

Japanese VCCI Notice

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づきクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをして下さい。

Energy Star



The EPA ENERGY STAR Computers program is a partnership effort with computer manufacturers to promote the introduction of energy-efficient

products and to reduce air pollution caused by power generation.

Companies participating in this program introduce personal computers, printers, monitors, or fax machines that power down when they are not being used. This feature will cut the energy used by up to 50 percent. Lexmark is proud to be a participant in this program.

As an Energy Star Partner, Lexmark International, Inc. has determined that this product meets the Energy Star guidelines for energy efficiency.

Power Supply

- If your power supply fails, replace it with the Lexmark replacement part or other UL LISTED Direct Plug-In Power Unit marked "Class 2" and rated 30 Vdc at 1A.

Safety Information

- If your product is NOT marked with this symbol , it MUST be

connected to an electrical outlet that is properly grounded.

- The power cord must be connected to an electrical outlet that is near the product and easily accessible.
- Refer service or repairs, other than those described in the operating instructions, to a professional service person.
- This product is designed, tested and approved to meet strict global safety standards with the use of specific Lexmark components. The safety features of some parts may not always be obvious. Lexmark is not responsible for the use of other replacement parts.





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