3400 Series All-In-One

User's Guide

Safety information

Use only the power supply and power supply cord provided with this product or the manufacturer's authorized replacement power supply and power supply
cord.

Connect the power supply cord to an electrical outlet that is near the product and easily accessible.

Refer service or repairs, other than those described in the user documentation, to a professional service person.

CAUTION: Do not use the fax feature during a lightning storm. Do not set up this product or make any electrical or cabling connections, such as the power
supply cord or telephone, during a lightning storm.

Contents

Finding information about the printer

Setup sheet

Description	Where to find
The *Setup* sheet gives you instructions for setting up hardware and software.	You can find this document in the printer box or on the Lexmark Web site.

Getting Started booklet

Description	Where to find
This booklet tells you everything you need to know to get started using the printer.	You can find this document in the printer box.

User's Guide

Description	Where to find

The *User's Guide* gives you instructions for using the printer and other information such as:
 	
• Maintenance
• Troubleshooting
• Safety
	When you install the printer software, the *User's Guide* will be installed.
	
	1 Click **Start ➙ Programs** or **All Programs ➙ Lexmark 3400 Series**.
	2 Click **User's Guide**.
	
	To install to your desktop:
	
	1 Insert the CD.
	
	    The installation screen appears.
	
	    Note: If necessary, click **Start ➙ Run**, and then type **D:\setup**, where **D** is the letter of your CD-ROM drive.
	
	2 Click **View User's Guide (including Setup Troubleshooting)**.
	3 Click **Yes**.
	4 Click **Cancel**.
	5 Click **Yes**.
	
	    An icon of the *User's Guide* desktop, and the *User's Guide* appears on the screen.
	
	You can also find this document on the Lexmark Web site.

CD

Description	Where to find
The CD contains drivers, software, and publication files. The CD installs the Help system on your computer if your printer connects to a computer.	You can find this CD in the printer box. See the *Setup* sheet for installation instructions.

Help

Description	Where to find
The Help gives you instructions for using the software if your printer connects to a computer.	While in any Lexmark software program, click **Help**, **Tips → Help**, or **Help → Help Topics**.

Lexmark Solution Center

Description	Where to find
The Lexmark Solution Center software is included on your CD if your printer connects to a computer. It installs with the other software.	To access the Lexmark Solution Center: 1 Click **Start → Programs** or **All Programs → Lexmark 3400 Series**. 2 Select **Lexmark Solution Center**.

Readme file

Description	Where to find
This file contains late-breaking information about the printer and software that does not appear in other documentation, as well as information specific to your operating system.	To access the Readme file: 1 Click **Start → Programs** or **All Programs → Lexmark 3400 Series**. 2 Select **Readme**.

Web site

Description	Where to find
Our Web site contains a variety of information. **Note:** All paths for the Web site are subject to change.	Visit our Web site at **www.lexmark.com**. 1 Go to the Web site. 2 Select a country or region from the drop-down list in the upper-left corner of the page. 3 Select the link for the information you need.
Drivers, updates, and patches This area gives you updated driver files.	Visit our Web site at **www.lexmark.com**. 1 Click **drivers & downloads**. 2 Click **Find Drivers and Downloads.** 3 Select your printer family. 4 Select your printer model. 5 Select your operating system, or click **Show files for all supported Operating Systems**. 6 Select the file you want to download, and follow the directions.
Product specifications The product specifications give you information such as how many pages you can put in the paper tray and which cartridges to use with your printer.	Visit our Web site at **www.lexmark.com**. 1 Click **Products & Supplies**. 2 Click **Printers & Multifunction Products**. 3 Select your printer family. 4 Select your printer model. 5 Click the **Tech Specs** tab.

Description	Where to find
KnowledgeBase The KnowledgeBase is a searchable database that gives you information such as troubleshooting your printer and printing ideas.	Visit our Web site at **www.lexmark.com**. **1** Click **customer support**. **2** Click **Technical Support**. **3** Select your printer family. **4** Select your printer model. **5** Type a term to search, or click one of the links.
Customer care This area gives you access to technical support, publications, warranty status, drivers and downloads, and rebates and promotions; tells you how to find a retail location near you, contact a sales representative, register your printer, and check order status; and gives information about parts, service providers, and safety.	Visit our Web site at **www.lexmark.com**. **1** Click **customer support**. **2** Select the link for the information you need.
Ordering supplies You can order supplies such as cartridges and paper from our Web site.	Visit our Web site at **www.lexmark.com**. **1** Click **Products & Supplies**. **2** Click **Supplies**. **3** Select the link for the information you need.
Limited Warranty information Lexmark International, Inc. furnishes a limited warranty that this printer will be free of defects in material and workmanship for a period of 12 months after the original date of purchase.	To view the limitations and conditions of this limited warranty, see the Statement of Limited Warranty included with this unit or set forth at **www.lexmark.com**. **1** Click **customer support**. **2** Click **Warranty Information**. **3** Click **Statement of Limited Warranty for Inkjet & All-In-One Printers**. **4** Scroll through the Web page to view the warranty.

Customer support

Description	Where to find
Telephone support	Call us at (800) 332-4120. Monday–Friday (8:00 AM–11:00 PM EST) Saturday (Noon–6:00 PM EST) **Note:** Phone number and support times may change without notice.
E-mail support	For e-mail support, visit our Web site: **www.lexmark.com**. **1** Click **customer support**. **2** Click **Technical Support**. **3** Select your printer family. **4** Select your printer model. **5** From the Support Tools section, click **e-Mail Support**. **6** Complete the form, and then click **Submit Request**.

Description	Where to find
Record the following information (located on the store receipt and the back of the printer), and have it ready when you contact us so that we may serve you faster: • Machine Type number • Serial number • Date purchased • Store where purchased	

Web site

Description	Where to find
Our Web site contains a variety of information. **Note:** All paths for the Web site are subject to change.	Visit our Web site at **www.lexmark.com**. **1** Go to the Web site. **2** Select a country or region from the drop-down list in the upper-left corner of the page. **3** Select the link for the information you need.

Record the following information (located on the store receipt and the back of the printer), and have it ready when you contact us so that we may serve you faster:

- Machine Type number
- Serial number
- Date purchased
- Store where purchased

Setting up the printer

To set up the printer, follow the instructions on the *Setup* sheet that came with the product.

Checking the box contents
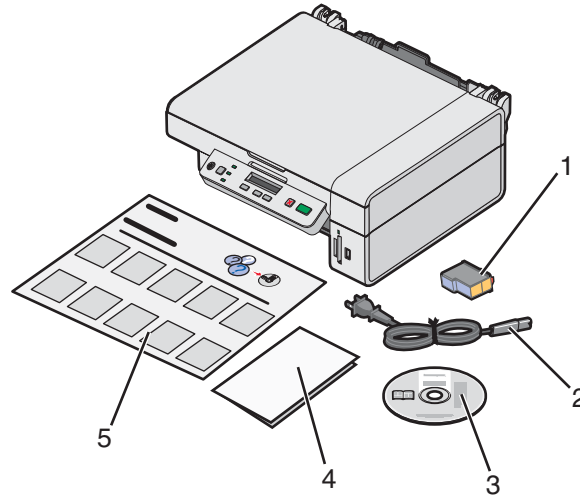
	Name	Description
1	Color print cartridge	Cartridge to be installed in the printer
2	Power supply cord	Attaches to the power supply located at the back of the printer
3	Installation software CD	• Installation software for the printer • Help • *User's Guide* in electronic format
4	*Getting Started* or *Setup Solutions*	Printed booklet that serves as a guide **Note:** The complete version of the *User's Guide* can be found on the installation software CD that shipped with the printer.
5	*Setup* sheet	Instructions on setting up printer hardware and software, and information on setup troubleshooting

Note: USB cable sold separately

Learning about the printer

Understanding the parts of the printer
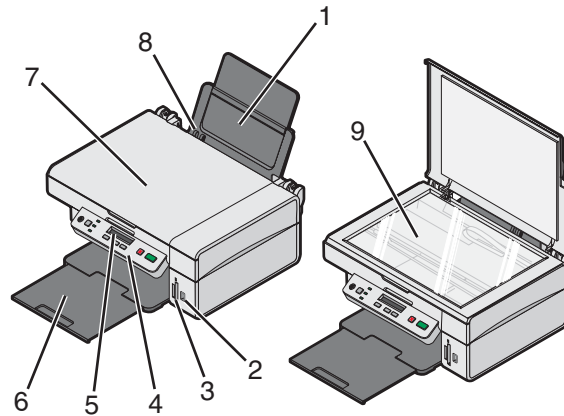
	Use the	To
1	Paper support	Load paper.
2	PictBridge port	Connect a PictBridge-enabled digital camera to the printer.
3	Memory card slots	Insert a memory card.
4	Control panel	Operate the printer.
5	Display	Check the status of the printer.
6	Paper exit tray	Stack paper as it exits.
7	Top cover	Access the scanner glass.
8	Paper guide	Keep paper straight when feeding.
9	Scanner glass	Scan, copy, or remove an item.
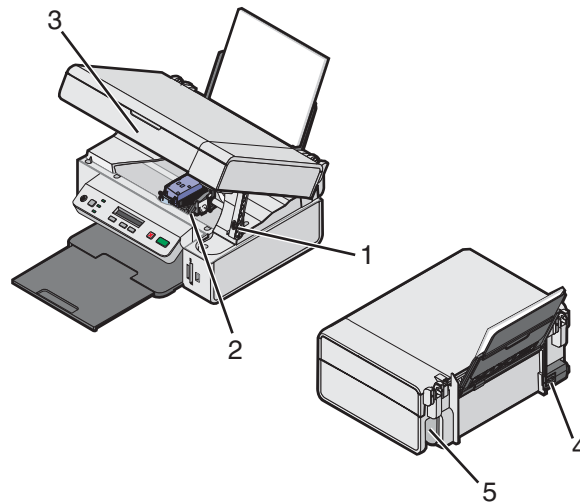
	Use the	To
1	Scanner support	Hold up the scanner unit.
2	Print cartridge carrier	Install, replace, or remove a print cartridge.
3	Scanner unit	Access the print cartridge carrier.
4	Power supply	Connect the printer to a power source using the power cord. **Note:** Insert the power cord into the power supply before you connect the power cord to the wall outlet.
5	USB port	Connect the printer to a computer using a USB cable (sometimes sold separately). **Note:** Insert the USB cable into the USB port before you connect the USB cable to the computer.

Using the control panel buttons and menus

Using the control panel
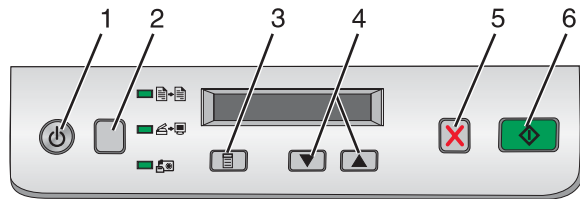
	Press	To
1	⏻	Turn the printer on and off.
2	▢	Select **Copy** 📄→📄, **Scan** ⬔→🖥, or **Photo Card** 🗂→◉ mode. (The mode is selected when the light is on.)
3	▤	• Display the menu for the selected mode. • Select a submenu option that appears on the display.

	Press	To
4	▼ or ▲	• Scroll through menu options. • Specify the number of copies to print while in Copy mode.
5	✖	Cancel a copy, scan, or print job.
6	◇	Start a copy, scan, or print job. **Note:** Make sure the mode you want is selected.

Navigating the control panel menus

1 Press ☐ repeatedly to select the Copy, Scan, or Photo Card mode. (The mode is selected when the light is on.)

2 Press ▤ repeatedly to scroll through the menu items for the selected mode.

3 Press ▼ or ▲ to scroll through and select the options available for the displayed menu item.

Using the Copy menu

1 If necessary, press ☐ repeatedly until the ▤→▤ light is on.

2 Press ▤ repeatedly until the menu item you want appears.

3 Press ▼ or ▲ to scroll through and select the options available for the displayed menu item.

4 Press ◇ to begin copying.

Menu item	Action
Copies	Specify the number of copies to print.
Color	Select a color copy or a black-and-white copy.
Print Quality	Select a print quality.
Darkness	Lighten or darken the copied image.
Paper Size	Specify the size of paper loaded in the paper support.
Resize	Enlarge or reduce the size of the copied image.
Paper Type	Specify the type of paper loaded in the paper support.

Using the Photo Card menu

1 If necessary, press ☐ repeatedly until the 📷 light is on, or insert a memory card into the printer. For more information, see "Inserting a memory card" on page 36.

2 Press ▤ repeatedly until the menu item you want appears.

3 Press ▼ or ▲ to scroll through and select the options available for the displayed menu item.

4 Press ◇ to begin printing.

Menu item	Action
Print Proof Sheet	Print a proof sheet: • for all photos on the memory card • for the most recent 20 photos • by date For more information, see "Printing photos stored on a memory card using the proof sheet" on page 38.
Scan Proof Sheet	Scan the proof sheet to print selected photos.
Print DPOF	Print photos directly from a memory card. **Note:** This menu selection appears only if a valid DPOF file is present on the memory card.
Print All	Print all photos on the memory card using the available paper size options.

Learning about the software

Using the printer software

Use this software	To
The Imaging Studio	Open the component necessary for you to complete a task.
The All-In-One Center	Preview, scan, copy, print, or fax images.
The Solution Center	Find troubleshooting, maintenance, and cartridge ordering information.
Print Properties	Select the best print settings for the document you are printing.
The Photo Editor	Edit photos and graphics.
Fast Pics	Transfer digital photos from a memory card or a PictBridge-enabled digital camera to the computer.
The Web Toolbar	Create printer-friendly versions of an active Web page.

Using the Imaging Studio

The Imaging Studio buttons link to software and information that help you with the following tasks:

- Printing, browsing, or sharing photos
- Using photos from a memory card
- Printing an album page
- Scanning and editing text using OCR
- Scanning, copying, or faxing
- Finding our Web site
- Finding tips on using the software
- Finding maintenance and troubleshooting information

To open the Imaging Studio, use one of these methods:

Method 1	Method 2
From the desktop, double-click the **Imaging Studio** icon.	1 Click **Start → Programs** or **All Programs → Lexmark 3400 Series**. 2 Select **Imaging Studio**.

Click the Imaging Studio button for the task you want to complete.

Click	To	Details
	Print photos	Print common photo sizes from saved images on the computer.

Click	To	Details
	Share photos	E-mail images or photos which are stored on the computer.
	Use memory card photos	Save or print photos from an inserted memory card.
	Browse photos	View photos saved on the computer.
	Print an album page	Print an album or scrapbook page with various photo sizes.
	Scan & edit text (OCR)	Use Optical Character Recognition (OCR) to scan a document to a word processor so you can edit the text.
	Scan	Scan a photo or document.
	Copy	• Copy photos or documents. • Enlarge, reduce, or change other features before printing.
	Fax	Fax a document or an image saved on the computer.
	Access the Web	Visit our Web site.
	Learn more about what you can do with this software.	
	Find maintenance and troubleshooting information and tools to keep the printer working properly.	

Using the All-In-One Center

Opening the All-In-One Center

Use the All-In-One Center software to scan, copy, and fax documents.

To open the All-In-One Center, use one of these methods:

Method 1	Method 2
From the desktop, double-click the **Imaging Studio** icon, and then click the **Scan** or **Copy** button.	**1** Click **Start → Programs** or **All Programs → Lexmark 3400 Series**. **2** Select **All-In-One Center**.

Using the Scanning & Copying tab

From here	You can
Scan	• Select a program to send a scanned image to. • Select what type of image is being scanned. • Select the scan quality. **Note:** Click **See More Scan Settings** to view all settings.
Copy	• Select the quantity and color of copies. • Select a quality setting for copies. • Select a blank paper size. • Select the size of the original document. • Lighten or darken copies. • Enlarge or reduce copies. **Note:** Click **Display Advanced Copy Settings** to view all settings.

From here	You can
Creative Tasks	• Print – Repeat an image several times on one page. – Enlarge or reduce an image. – Print an image as a multiple-page poster. • Share – E-mail an image. – Fax using your computer modem. • Save – Save an image on your computer. – MagiChop—Save multiple photos. • Edit – Edit text found in a scanned document (OCR). – Modify an image with a photo editor.
Preview	• Select a region of the previewed image to scan or copy. • View an image of what will be printed or copied.

Note: For more information about the Scanning & Copying tab, click **Help** in the top center of the screen.

Using the Saved Images tab

Use the Saved Images tab to perform tasks with images that are saved on the computer.

From here	You can
Preview	• Show or create folders. • Preview and select images. • Rename, delete, or edit selected images.
Open With	Select where to send the saved images.
Photo Prints	Click **Next** to print selected photos in Fast Pics.
Creative Tasks	• Print – Print an album page with various photo sizes. – Enlarge or reduce an image. – Print an image as a multiple-page poster. • Share – E-mail an image. – Fax using your computer modem. • Edit – Edit text found in a scanned document (OCR). – Modify an image with a photo editor.

Note: For more information about the Saved Images tab, click **Help** in the top center of the screen.

Using the Maintain/Troubleshoot link

The Maintain/Troubleshoot link provides you with direct links to the Solution Center.

1 Click **Start → Programs** or **All Programs → Lexmark 3400 Series**.

2 Select **All-In-One Center**.

3 Click **Maintain/Troubleshoot**.

4 Select from these topics:

- Maintain or fix quality problems
- Troubleshoot problems
- Device status and ink level
- More printing ideas and how to's
- Contact information
- Advanced
- View the software version and copyright information

Using the Solution Center

The Solution Center provides help, as well as information about the printer status and ink level.

To open the Solution Center, use one of these methods:

Method 1	Method 2
From the desktop, double-click the **Imaging Studio** icon, and then click the **Maintain/Troubleshoot** button.	**1** Click **Start → Programs** or **All Programs → Lexmark 3400 Series**. **2** Select **Solution Center**.

The Solution Center consists of six tabs:

From this tab	You can
Printer Status (Main dialog)	- View the status of the printer. For example, while printing, the status of the printer is `Busy Printing`. - View the ink level of the print cartridge.
How To	Learn how to: - Print, scan, copy, and fax. - Find and change settings. - Use basic features. - Print projects such as banners, photos, envelopes, cards, iron-on transfers, and transparencies. - Find the electronic guide for more information.
Troubleshooting	- Learn tips about the current status. - Solve printer problems.

From this tab	You can
Maintenance	• Install a print cartridge. **Note:** Wait until scanning is complete before installing a new print cartridge. • View shopping options for a new cartridge. • Print a test page. • Clean to fix horizontal streaks. • Align to fix blurry edges. • Troubleshoot other ink problems.
Contact Information	Learn how to contact us by telephone or on the World Wide Web.
Advanced	• Change the appearance of the Printing Status window. • Turn printing voice notification on or off. • Change network printing settings. • Share information with us regarding how you use the printer. • Obtain software version information.

Note: For more information, click **Help** in the lower right corner of the screen.

Using Print Properties

Opening Print Properties

Print Properties is the software that controls the printing function when the printer is connected to a computer. You can change the settings in Print Properties based on the type of project you want to create. You can open Print Properties from almost any program:

1 With a document open, click **File → Print**.

2 From the Print dialog, click **Properties**, **Preferences**, **Options**, or **Setup**.

Using the Save Settings menu

From the "Save Settings" menu, you can name and save the current Print Properties settings for future use. You can save up to five custom settings.

Using the I Want To menu

The "I Want To" menu contains a variety of task wizards (printing a photo, an envelope, a banner, a poster, or printing on both sides of the paper) to help you select the correct print settings for a project.

Using the Options menu

Use the "Options" menu to make changes to the Quality Options, Layout Options, and Printing Status Options settings. For more information on these settings, open the tab dialog from the menu, and then click the **Help** button on the dialog.

The "Options" menu also provides direct links to different parts of the Solution Center as well as software version information.

Using the Print Properties tabs

All of the print settings are on the three main tabs of the Print Properties software: Quality/Copies, Paper Setup, and Print Layout.

Tab	Options
Quality/Copies	• Select a Quality/Speed setting. • Select a Paper Type. • Customize how the printer prints several copies of a single print job: collated or normal. • Choose Automatic Image Sharpening. • Choose to have the last page printed first.
Paper Setup	• Specify the size of paper loaded. • Select the orientation of the document on the printed page: portrait or landscape.
Print Layout	• Select the layout you want to print. • Choose to print on both sides of the paper, and select a duplexing preference.

Note: For more information about these settings, right-click a setting on the screen, and then select **What's This?**

Using the Photo Editor

Use the Photo Editor software to edit graphics or photos.

1 Click **Start ➞ Programs** or **All Programs ➞ Lexmark 3400 Series**.

2 Select **Photo Editor**.

3 Click **File ➞ Open** to select the image you want to edit.

4 Edit the image with the available tools.

   Notes:

   • You can edit only one image at a time.
   • Move the mouse pointer over the tool for a description.
   • To undo or redo changes, click the corresponding arrow next to Undo in the top center of the screen. You can reverse multiple changes.

5 Click **File ➞ Save as**.

6 Enter a file name and file type, and then click **Save**.

From this section	You can
Quick Fixes	• Remove the red-eye effect caused by light reflection. • Fix the photo with one click. • Colorize the image using antiquing or sepia tones. • Crop the image. • Rotate the image. • Flip the image.
Image Adjust	• Adjust the color depth. • Adjust the color balance. • Colorize the image. • Adjust the Brightness/Contrast. • Adjust the blur. • Adjust the sharpness. • Despeckle (blur) the image to remove dust and scratches. • Adjust the exposure. • Balance color groupings.
Image Size	• Change the units of measurement. • Resize the image. • Crop the image.
Drawing Tools	• Select an area by dragging a box around it. Use this for text box placement and cutting and copying areas. • Add text. • Fill pixels with color. • Draw with a pencil tool. • Draw with a line tool. • Erase areas. • Paint areas with a paintbrush tool. • Pick up a color using the eyedropper.

Using the Web Toolbar

The Lexmark Web Toolbar lets you create printer-friendly Web pages.
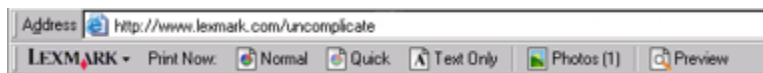
Note: The Lexmark Web Toolbar launches automatically when you browse the Web using Microsoft Windows Internet Explorer version 5.5 or later.

Click	To
LEXMARK	• Select Page Setup options. • Select Options to customize the toolbar appearance or select a different setting for printing photos. • Access links to the Lexmark Web site. • Access Help for additional information. • Uninstall the Web Toolbar.
Normal	Print an entire Web page in normal quality.
Quick	Print an entire Web page in draft quality.
Text Only	Print only the text of a Web page.
Photo	Print only the photos or images on a Web page. **Note:** The number of photos or images valid for printing appears next to Photos. Photos (1)
Preview	Preview a Web page before printing.

Using Fast Pics

Use the Fast Pics software to save or print photos from a digital camera memory card.

To open Fast Pics, insert a digital camera memory card into the printer. For more information, see "Inserting a memory card" on page 36.

With Fast Pics, you can:

- Print photos using a computer. For more information, see "Printing photos stored on a memory card using Fast Pics" on page 39.
- Save photos from a memory card to the computer. For more information, see "Transferring digital photos to a computer" on page 37.

Loading paper and original documents

Loading paper

1 Make sure:
  - You use paper designed for inkjet printers.
  - If you are using photo, glossy, or heavyweight matte paper, you load it with the glossy or printable side facing you. (If you are not sure which side is the printable side, see the instructions that came with the paper.)
  - The paper is not used or damaged.
  - If you are using specialty paper, you follow the instructions that came with it.
  - You do not force paper into the printer.

2 Before loading paper the first time, squeeze and slide the paper guide to the left side of the paper support.

3 Load the paper vertically against the right side of the paper support.
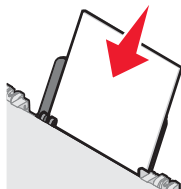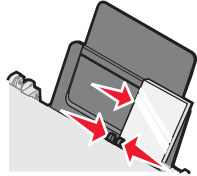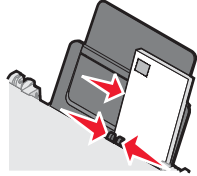
4 Adjust the paper guide until it rests against the left edge of the paper.
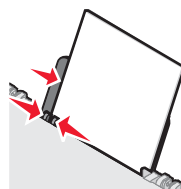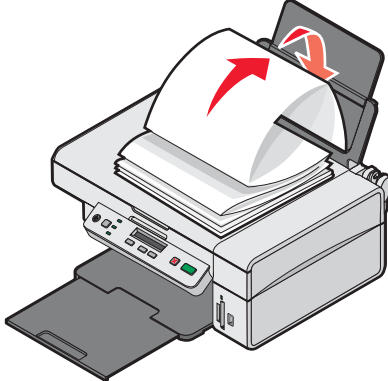
Note: To avoid paper jams, make sure the paper does not buckle when you adjust the paper guide.

Loading various paper types

Load up to	Make sure
100 sheets of plain paper	- The paper is designed for use with inkjet printers. - The paper is loaded against the right side of the paper support. - The paper guide rests against the left edge of the paper.
100 sheets of heavyweight matte paper 25 sheets of photo paper 25 sheets of glossy paper	- The glossy or printable side of the paper faces you. (If you are not sure which side is the printable side, see the instructions that came with the paper.) - The paper is loaded against the right side of the paper support. - The paper guide rests against the left edge of the paper. **Note:** Photos require more drying time. Remove each photo as it exits, and allow it to dry to avoid ink smudging.

Load up to	Make sure
10 iron-on transfers	• You follow the loading instructions that came with the iron-on transfers. • The print side of the transfers faces you. • The transfers are loaded against the right side of the paper support. • The paper guide rests against the left edge of the transfers. **Note:** For best results, load transfers one at a time.
25 greeting cards 25 index cards 25 photo cards 25 postcards	• The print side of the cards faces you. • The cards are loaded against the right side of the paper support. • The paper guide rests against the left edge of the cards. **Note:** Photo cards require more drying time. Remove each photo card as it exits, and allow it to dry to avoid ink smudging.
10 envelopes	• The print side of the envelopes faces you. • The stamp location is in the upper left corner. • The envelopes are designed for use with inkjet printers. • The envelopes are loaded against the right side of the paper support. • The paper guide rests against the left edge of the envelopes. **Warning:** Do not use envelopes that have metal clasps, string ties, or metal folding bars. **Notes:** – Do not load envelopes with holes, perforations, cutouts, or deep embossing. – Do not use envelopes that have exposed flap adhesive. – Envelopes require more drying time. Remove each envelope as it exits, and allow it to dry to avoid ink smudging.

Load up to	Make sure
25 sheets of labels	• The print side of the labels faces you. • The top of the labels feeds into the printer first. • The adhesive on the labels does not extend to within 1 mm of the edge of the label. • You use full label sheets. Partial sheets (with areas exposed by missing labels) may cause labels to peel off during printing, resulting in a paper jam. • The labels are loaded against the right side of the paper support. • The paper guide rests against the left edge of the labels. **Note:** Labels require more drying time. Remove each sheet of labels as it exits, and allow it to dry to avoid ink smudging.
50 transparencies	• The rough side of the transparencies faces you. • If the transparencies have a removable strip, each strip faces away from you and down toward the printer. • The transparencies are loaded against the right side of the paper support. • The paper guide rests against the left edge of the transparencies. **Notes:** • Transparencies with paper backing sheets are not recommended. • Transparencies require more drying time. Remove each transparency as it exits, and allow it to dry to avoid ink smudging.

100 sheets of custom-size paper	• The print side of the paper faces you.
	• The paper size fits within these dimensions:
	Width:
	  – 76–216 mm
	  – 3.0–8.5 inches
	Length:
	  – 127–432 mm
	  – 5.0–17.0 inches
	• The paper is loaded against the right side of the paper support.
	• The paper guide rests against the left edge of the paper.

Load up to	Make sure
20 sheets of banner paper	 • You remove all the paper from the paper support before loading the banner paper. • You tear off only the number of pages needed to print the banner. • You place the required stack of banner paper on the top cover. • The leading edge of the banner paper feeds into the printer first. • The paper is loaded against the right side of the paper support. • The paper guide rests against the left edge of the paper. • You have selected the correct paper size for the banner in Print Properties. For more information, see "Using Print Properties" on page 23.

Loading original documents on the scanner glass
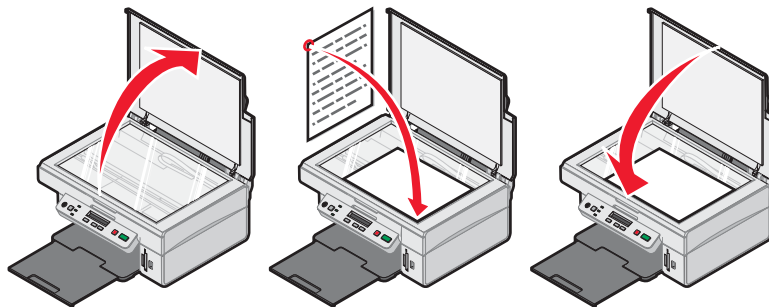
You can copy, scan, and print photos, text documents, magazine articles, newspapers, and other publications. You can also scan a document for faxing.

1 Make sure the printer is on.

2 Open the top cover.

3 Place the original document facedown on the scanner glass in the lower right corner.

4 Close the top cover to avoid dark edges on the scanned image.

Printing

Changing the paper type

If you print using specialty paper, such as photo paper, cards, envelopes, transparencies, or iron-on transfers, you need to change the paper type setting from the Print dialog box.

1 Load paper.

2 With a document open, click **File → Print**.

3 From the Print dialog, click **Properties, Preferences, Options,** or **Setup**.

4 From the Paper Type section, select the paper type that matches the type of paper you are loading.

5 Click **OK**.

6 Click **OK** or **Print**.

Printing a document

1 Load paper.

2 With a document open, click **File → Print**.

3 Click **Properties**, **Preferences**, **Options**, or **Setup**.

4 Adjust the settings.

5 Click **OK**.

6 Click **OK** or **Print**.

Printing a Web page

Printing the text and photos from a Web page

1 Load paper.

2 With the Web page open, click **File → Page Setup**.

The Page Setup dialog appears.

3 Adjust the print settings for the Web page.

4 Click **OK**.

5 From the Web Toolbar, select a print option: **Normal**, **Quick**, or **Black and White**.

Printing only the text from a Web page

1 Load paper.

2 With the Web page open, click **File → Page Setup**.

The Page Setup dialog appears.

3 Adjust the print settings for the Web page.

4 Click **OK.**

5 From the Web Toolbar, select **Text Only**.

Printing photos or images from a Web page

1 Load paper. For best results, use photo or heavyweight matte paper, with the glossy or printable side facing you. (If you are not sure which side is the printable side, see the instructions that came with the paper.)

2 Open a Web page with Microsoft Internet Explorer 5.5 or later.

On the Lexmark Web Toolbar, the number of photos valid for printing appears next to Photos.

3 If no number appears next to Photos:

    a From the Lexmark logo drop-down menu, select **Options**.

    b Select the **Advanced** tab.

    c Select a lower minimum photo size.

    d Click **OK**.

    The number of photos valid for printing appears next to Photos.

4 Click **Photos**.

The Fast Pics dialog appears.

5 If you want to print all the photos or images using the same settings, select the size you want, the blank paper size in the printer, and the number of copies.

6 If you want to print one photo or image at a time:

    a Click the photos or images you do *not* want to print to deselect them.

    b To make common editing changes:

        1 Right click the photo or image.

        2 Click **Edit**.

        3 Make your selections.

        4 Follow the instructions on the screen.

        5 When you are finished making changes, click **Done**.

        6 Select the size you want, the blank paper size in the printer, and the number of copies.

7 Click **Print Now**.

Printing cards

1 Load greeting cards, index cards, or postcards.

2 From the software application, click **File ➞ Print**.

3 Click **Properties**, **Preferences**, **Options**, or **Setup**.

4 Select a Quality/Speed setting.

Select **Photo** for photos and greeting cards and **Normal** for other types of cards.

5 From the Paper Type section, select **Use my choice**.

6 From the drop-down list, select **Card Stock**.

7 Select the **Paper Setup** tab.

8 Select **Paper**.

9 From the Paper Size list, select a card size.

10 Click **OK**.

11 Click **OK** or **Print**.

Notes:

- To avoid paper jams, do not force the cards into the printer.
- To prevent smudging, remove each card as it exits, and let it dry before stacking.

Printing envelopes

1 Load envelopes.

2 From the software application, click **File ➡ Print**.

3 Click **Properties**, **Preferences**, **Options**, or **Setup**.

4 From the "I Want To" menu, select **Print on an envelope**.

5 From the Envelope Size list, select the envelope size loaded.

6 Select **Portrait** or **Landscape** orientation.

   Notes:

   - Most envelopes use landscape orientation.
   - Make sure the same orientation is also selected in the software application.

7 Click **OK**.

8 Click **OK**.

9 Click **OK** or **Print**.

Printing transparencies

1 Load transparencies.

2 With a document open, click **File ➡ Print**.

3 Click **Properties**, **Preferences**, **Options**, or **Setup**.

4 From the Paper Type section, select **Use my choice**.

5 From the drop-down list, select **Transparency**.

6 Click **OK**.

7 Click **OK** or **Print**.

Note: To prevent smudging, remove each transparency as it exits, and let it dry before stacking. Transparencies may require up to 15 minutes to dry.

Printing collated copies

If you print multiple copies of a document, you can choose to print each copy as a set (collated) or to print the copies as groups of pages (not collated).
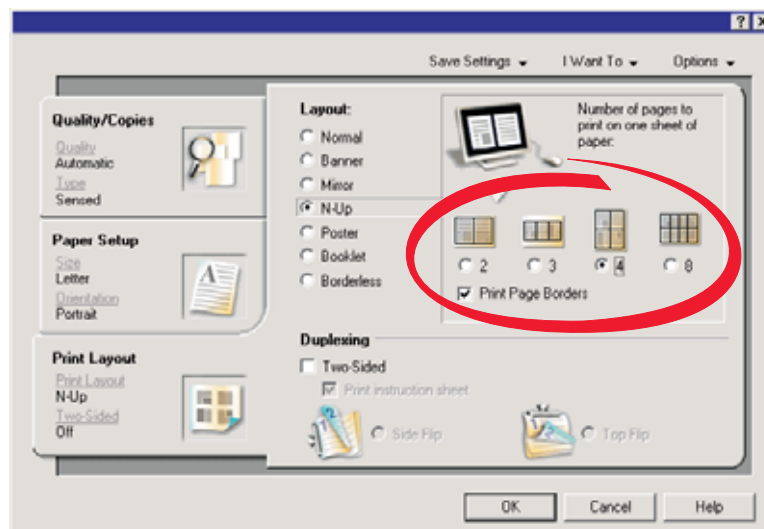
Collated   **Not collated**

1 Load paper.

2 With a document open, click **File ➜ Print**.

3 Click **Properties**, **Preferences**, **Options**, or **Setup**.

4 From the Quality/Copies tab, select the number of copies to print.

5 Select the **Collate Copies** check box.

6 Select the **Print Last Page First** check box.

7 Click **OK**.

8 Click **OK** or **Print**.

Printing multiple pages on one sheet

1 Load paper.

2 With a document open, click **File ➜ Print**.

3 Click **Properties**, **Preferences**, **Options**, or **Setup**.

4 From the Print Layout tab, select **N-up**.

5 Select the number of pages to print on each page.

6 If you want each page image to be surrounded by a border, select **Print Page Borders**.

7 Click **OK**.

8 Click **OK** or **Print**.

Printing the last page first (reverse page order)

1 Load paper.

2 With a document open, click **File** ➡ **Print**.

3 Click **Properties**, **Preferences**, **Options**, or **Setup**.

4 From the Quality/Copies tab, select **Print Last Page First**.

5 Click **OK**.

6 Click **OK** or **Print**.

Working with photos

Retrieving and managing photos

Inserting a memory card

1 Insert a memory card.

- Insert the card with the brand name label facing to the left.
- If there is an arrow on the card, make sure it points toward the printer.

Slot	Memory card
1	• xD Picture Card • Secure Digital • Mini Secure Digital (with adapter) **Note:** Make sure you connect the memory card to the adapter that came with it before inserting it into the slot. • MultiMedia • Memory Stick • Memory Stick PRO • Memory Stick Duo (with adapter) or Memory Stick PRO Duo (with adapter) **Note:** Make sure you connect the memory card to the adapter that came with it before inserting it into the slot.
2	• Compact Flash Type I and Type II • Microdrive

2 Wait for the light on the printer to come on. The light blinks to indicate the memory card is being read or is transmitting data.

Warning: Do *not* remove the memory card while the light is blinking.

If the printer does not read the memory card, remove and reinsert it.

For more information, see "Memory card troubleshooting" on page 70.

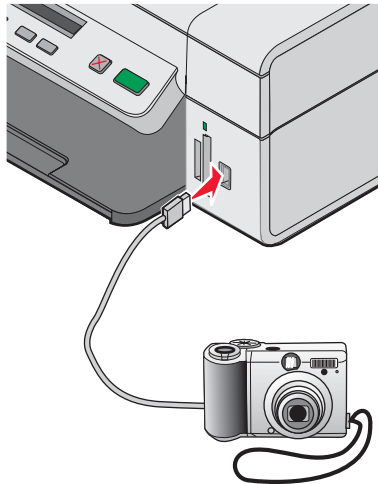**Note:** The printer reads only one memory device at a time.

Using a PictBridge-enabled digital camera to control printing photos

Connect a PictBridge-enabled digital camera to the printer, and use the buttons on the camera to select and print photos.

1 Insert one end of the USB cable into the camera.

   Note: Use only the USB cable that came with the digital camera.

2 Insert the other end of the cable into the PictBridge port on the front of the printer.

   Notes:

   • Make sure the PictBridge-enabled digital camera is set to the correct USB mode. For more information, see the camera documentation.

   • The printer reads only one media device at a time.

   • If the PictBridge connection is successful, the following appears on the display: `PictBridge camera detected. Press ▤ to change settings.` If any other message appears, see "Error messages" on page 71.

3 Follow the instructions in the camera documentation to select and print photos.

Transferring digital photos to a computer

1 Make sure the printer is connected to a computer, and both the printer and computer are on.

2 Insert a memory card. For more information, see "Inserting a memory card" on page 36.

   The Fast Pics dialog appears on the computer screen.

3 Click **Save Photos to PC**.

   The light on the printer blinks to indicate the memory card is transmitting data to the computer.

4 Follow the instructions on the computer screen to specify where you want to save the images.

Browsing and selecting photos stored on the computer

1 Click **Start** ➜ **Programs** or **All Programs** ➜ **Lexmark 3400 Series**.

2 Select **Imaging Studio**.

3 Click **Browse Photos**.

4 Click **Show Folders.**

5 Select the folder where the photos are stored.

6 Close the folder directory.

7 Select the photos you want to print by clicking each photo.

Printing photos

Printing photos stored on a memory card using the proof sheet

1 Load paper.

2 Insert a memory card. For more information, see "Inserting a memory card" on page 36.

   Print Proof Sheet appears on the display.

3 Press ▲ or ▼ to specify the type of proof sheet to print.

   You can print a proof sheet:
   - For all photos on the memory card
   - For the 20 most recent photos
   - By date

4 Press ◇.

   Please insert letter or A4 paper and press ◇ appears on the display.

5 Press ◇ again.

   The proof sheet prints.

6 Follow the instructions on the proof sheet to select which photos to print, and to choose a layout, print option, and paper type to use.

   Note: When making selections, make sure you completely fill in the circles.

7 Load the proof sheet facedown on the scanner glass. For more information, see "Loading original documents on the scanner glass" on page 30.

8 If necessary, press ▤ repeatedly until **Scan Proof Sheet** appears.

9 Press ◇.

   Load the correct paper and press ◇ **to continue** appears.

   Note: Make sure the size of the paper you loaded in the printer matches the paper size you selected in step 2 of the proof sheet.

10 Press ◇ again.

Warning: Do *not* remove the memory card, or turn off the printer, until the photos you selected in the photo proof sheet have been printed. The proof sheet becomes invalid when the memory card is removed from the printer, or anytime the printer is turned off.

Note: You can print up to 25 proof sheets at a time.

Printing photos stored on a memory card using Fast Pics

1. Load paper. For best results, use photo or glossy paper with the glossy or printable side facing you. (If you are not sure which side is the printable side, see the instructions that came with the paper.)

2. Insert a memory card. For more information, see "Inserting a memory card" on page 36.

   The Fast Pics dialog appears.

3. Click **View and Print Photos**.

4. From the dialog that appears, click the white box on each photo that you want to print.

5. Select the size for each photo, the blank paper size in the printer, and the number of copies.

6. Click **Print Now**.

Printing photos from a digital camera using DPOF

Digital Print Order Format (DPOF) is a feature available on some digital cameras. If your camera supports DPOF, you can specify which photos to print, and how many of each, while the memory card is still in the camera. The printer recognizes these settings when you insert the memory card into the printer.

Note: Make sure the size of the paper loaded is not smaller than the size you specified in the DPOF selection.

1. Load paper. For best results, use photo or glossy paper, with the glossy or printable side of the paper facing you. (If you are not sure which side is the printable side, see the instructions that came with the paper.)

2. Insert a memory card. For more information, see "Inserting a memory card" on page 36.

3. Press ▤ until **Print DPOF** appears.

4. Press 🔷.

   Make sure the correct paper size is loaded in the printer.

5. Press 🔷 again to begin printing.

Printing photos stored on the computer using the Imaging Studio

1. Load photo or heavyweight matte paper, with the glossy or printable side facing you. (If you are not sure which side is the printable side, see the instructions that came with the paper.)

2. From the desktop, double-click the **Imaging Studio** icon.

3. Click **Print Album Page**.

4. Click **Show Folders**.

5. From the directory in the right panel, select the folder where your photos are stored.

6. Close the directory in the right panel.

7. Click **Change the category of layouts listed above**.

8. Select **Only Borderless**.

9. Click **OK**.

10. From the Paper Size drop-down menu on the "Create a page from saved photos" section, select a paper size for the photos.

11. From the Page Layout drop-down menu, select a page layout.

12 Drag your photos onto the page.

13 Click **Print Now**.

Customizing photos

If you want to edit your photos, see "Using the Photo Editor" on page 24.

Creating and printing a scrapbook or album page

1 Load paper. For best results, use photo or heavyweight matte paper, with the glossy or printable side facing you. (If you are not sure which side is the printable side, see the instructions that came with the paper.)

2 From the desktop, double-click the **Imaging Studio** icon.

3 Click **Print Album Page**.

4 Click **Show Folders**.

5 From the directory in the right panel, select the folder where your photos are stored.

6 Close the directory in the right panel.

7 From the Paper Size drop-down menu, select a paper size.

8 From the Page Layout drop-down menu, select a page layout.
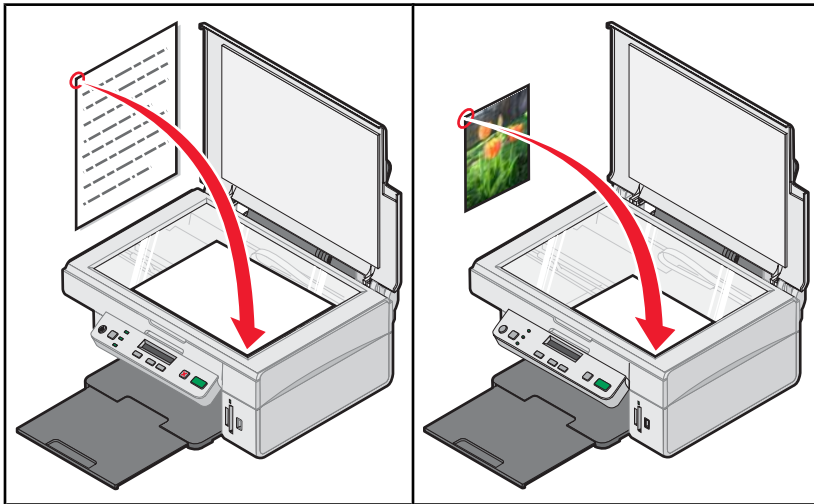
For more options:

   a Click **Change the category of layouts listed above**.

   b Select a layout for the photos.

   c Click **OK**.

   d From the Page Layout drop-down menu, select a page layout.

9 Drag the photos onto the page.

   Note: Right-click the photo on the page for editing options.

10 Click **Print Now**.

   Note: To prevent smudging, remove each page as it exits, and let it dry before stacking.

Adding text captions to a photo page

1 Load paper. For best results, use photo or heavyweight matte paper, with the glossy or printable side facing you. (If you are not sure which side is the printable side, see the instructions that came with the paper.)

2 From the desktop, double-click the **Imaging Studio** icon.

3 Click **Print Album Page**.

4 Click **Change the category of layouts listed above**.

5 Select **Only Scrapbook Pages**.

6 Click **OK**.

7 Select a paper size for the photos.

8 Select a page layout containing a black box.

9 Drag the photos onto the page.

10 Click inside the white box. A dialog appears.

11 Enter the text you want.

12 Click **OK**.

13 Click **Print Now** to print the photo page.

Copying

Making a copy

1 Load paper.

2 Load an original document facedown on the scanner glass.

3 If necessary, press ⬜ repeatedly until 🖹➜🖹 light is on.

4 Press 🗏 repeatedly until **Color** appears on the display.

5 Press ▼ or ▲ to select **Color Copy** or **Black Copy**.

6 Press ◈ to begin copying.

Copying 4 x 6 photos

1 Load photo paper vertically with the glossy side facing you.

2 Place a 4 x 6 photo facedown on the scanner glass. For more information, see "Loading original documents on the scanner glass" on page 30.

3 If necessary, press ⬜ repeatedly until the 🖹➜🖹 light is on.

4 Press 🗏 repeatedly until **Print Quality** appears on the display.

5 Press ▼ repeatedly until **Quality:Photo** appears.

6 Press 🗏 repeatedly until **Paper Size** appears.

7 Press ▼ repeatedly until **Paper:4x6** appears.

8 Press 🗏 repeatedly until **Paper Type** appears.

9 Press ▼ repeatedly until **Photo** appears.

10 Press ◈.

Customizing copy settings

You can make one or more selections before copying a document or photo.

Specifying the size of paper loaded

1 If necessary, press ▢ repeatedly until the 🗎⭢🗎 light is on.

2 Press ▤ repeatedly until **Paper Size** appears on the display.

3 Press ▲ or ▼ to select the blank paper size that matches the size of the paper loaded in the printer.

4 Press ◈ to copy the item.

Setting the copy quality

1 If necessary, press ▢ repeatedly until the 🗎⭢🗎 light is on.

2 Press ▤ repeatedly until **Print Quality** appears on the display.

3 Press ▼ or ▲ to select the copy quality you want.

4 Press ◈ to copy the item.

Making a copy lighter or darker

1 Load an original document facedown on the scanner glass.

2 If necessary, press ▢ repeatedly until the 🗎⭢🗎 light is on.

3 Press ▤ repeatedly until **Darkness** appears on the display.

4 Press ▼ or ▲ repeatedly to lighten or darken the copy.

5 Press ◈ to copy the item.

Enlarging or reducing an image

1 Load paper.

2 Load an original document facedown on the scanner glass.

3 If necessary, press ▢ repeatedly until the 🗎⭢🗎 light is on.

4 Press ▤ repeatedly until **Resize** appears.

5 Press ▼ or ▲ to select the resizing option you want.

6 Press ▤ again until **Color** appears.

7 Press ▼ or ▲ to select **Color Copy** or **Black Copy**.

8 Press ◈ to copy the item.

Repeating an image on one page using the computer

When copying, you can print the same image multiple times on one sheet of paper. This option is helpful in creating labels, decals, flyers, handouts, and so on.

1 Load paper.

2 Load an original document facedown on the scanner glass.

3 Click **Start** → **Programs** or **All Programs** → **Lexmark 3400 Series**.

4 Click **All-In-One Center**.

   The All-In-One Center appears with the Scanning & Copying tab expanded.

5 From the Creative Tasks section, click **Repeat an image several times on one page.**

6 Follow the instructions on the computer screen.

Scanning

Scanning an item

1 Make sure the printer is connected to a computer, and both the printer and the computer are on.

2 Load an original document facedown on the scanner glass.

3 If necessary, press ⬜ repeatedly until the ⬄▸🖥 light is on.

4 Press 🔵.

The All-In-One Center appears on the computer screen with a scan preview of the document under the Scanning & Copying tab.

5 If you want to scan only a portion of the document, click and drag the dotted line box to select a specific area of the preview image to scan.

6 From the "Send scanned image to" menu, select a program.

7 Click **Scan Now**.

Scanning a text-only document

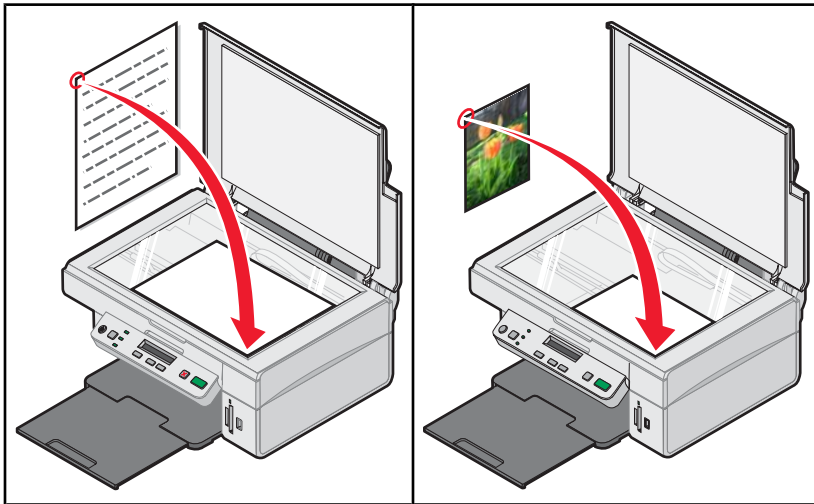**1** Make sure the printer is connected to a computer, and both the printer and the computer are on.

2 Load an original document facedown on the scanner glass.

3 If necessary, press ⬜ repeatedly until the ⬄▸🖥 light is on.

4 Press 🔵.

The All-In-One Center appears on the computer screen with a scan preview of the document under the Scanning & Copying tab.

5 If you want to scan only a portion of the document, click and drag the dotted line box to select a specific area of the preview image to scan.

6 From the "What is being scanned?" menu, select **Black & White Document**.

7 Adjust the settings as needed.

8 Click **Scan Now**.

Scanning a text and graphics document

1 Make sure the printer is connected to a computer, and both the printer and the computer are on.

2 Load an original document facedown on the scanner glass.

3 If necessary, press ☐ repeatedly until the ⊿⭢▣ light is on.

4 Press ◇ .

The All-In-One Center appears on the computer screen with a scan preview of the document under the Scanning & Copying tab.

5 If you want to scan only a portion of the document, click and drag the dotted line box to select a specific area of the preview image to scan.

6 From the "What is being scanned?" menu, select **Color Document**.

7 Adjust the settings as needed.

8 Click **Scan Now**.

Saving a scanned image

1 Make sure the printer is connected to a computer, and both the printer and the computer are on.

2 Load an original document facedown on the scanner glass.

3 If necessary, press ☐ repeatedly until the ⊿⭢▣ light is on.

4 Press ◇ .

The All-In-One Center appears on the computer screen with a scan preview of the document under the Scanning & Copying tab.

5 If you want to scan only a portion of the document, click and drag the dotted line box to select a specific area of the preview image to scan.

6 From the "Send scanned image to" menu, select a program.

7 Adjust the settings as needed.

8 Click **Scan Now**.

9 From the software application, click **File ➞ Save As**.

10 Enter the file name, format, and location where you want the scanned image saved.

11 Click **Save**.

Customizing scan settings

1 Make sure the printer is connected to a computer, and both the printer and the computer are on.

2 Load an original document facedown on the scanner glass.

3 If necessary, press ☐ repeatedly until the ⊿⭢▣ light is on.

4 Press ▣.

The All-In-One Center appears on the computer screen with a scan preview of the document under the Scanning & Copying tab.

5 If you want to scan only a portion of the document, click and drag the dotted line box to select a specific area of the preview image to scan.

6 From the "Send scanned image to" menu, select a program.

7 Click **See More Scan Settings**.

8 Select what is being scanned.

9 Select a scan quality.

10 If you want to make additional selections:

    a Click **Display Advanced Scan Settings**.

    b Customize the scan settings.

    c Click **OK**.

11 Click **Scan Now**.

Advanced Scan Settings tabs	Options
Scan	• Select the color depth. • Select the scan resolution. • Select Optical Scan settings. • Select an auto-crop setting. • Select an exact area to be scanned. • Choose to convert the scanned item to text for editing. • Choose to scan multiple images before output. • Update the list of programs to send scans. • Update the default fax driver.
Image Enhancements	• Straighten images after scan (deskew). • Select whether to sharpen blurry edges. • Adjust brightness of the image. • Adjust the color correction curve (gamma) of the image.
Image Patterns	• Remove image patterns from magazines or newspapers (descreen). • Reduce more or less of the background noise (scratches) on the color document.
Note: For more information, click **Help** at the bottom of the screen.	

Scanning documents or images for e-mailing

1 Make sure the printer is connected to a computer, and both the printer and the computer are on.

2 Load an original document facedown on the scanner glass.

3 From the desktop, double-click the **Imaging Studio** icon.

4 Click **Share Photos**.

5 Click **Scan and e-mail a photo**.

The All-In-One Center appears with the Scanning & Copying tab expanded.

6 Follow the instructions on the computer screen.

Scanning text for editing

Use the Optical Character Recognition (OCR) software feature to turn scanned images into text you can edit with a word-processing application.

Note: Make sure that ABBYY Fine Reader is installed.

1 Load an original document facedown on the scanner glass.

2 From the desktop, double-click the **Imaging Studio** icon.

3 Click **Scan & Edit Text (OCR)**.

The All-In-One Center appears with the Scanning & Copying tab expanded.

4 To scan only a portion of the document:

   a Click **Preview Now**.

      An image of the scanned document appears in the preview section.

   b Click and drag the dotted line box to select a specific area of the preview image to scan.

   Otherwise, continue with step 5.

5 Select a word-processing program to edit the text.

6 Click **Send Now**.

The document will appear in your text-editing program.

7 Make your editing changes.

8 To save the document, click **File → Save As.**

9 Enter the file name, format, and location where you want the edited document saved.

10 Click **Save**.

Scanning images for editing

1 From the desktop, double-click the **Imaging Studio** icon.

2 Click **Scan**.

3 From the "Send scanned image to" menu, select a graphics program to edit the images.

4 Click **Scan Now**.

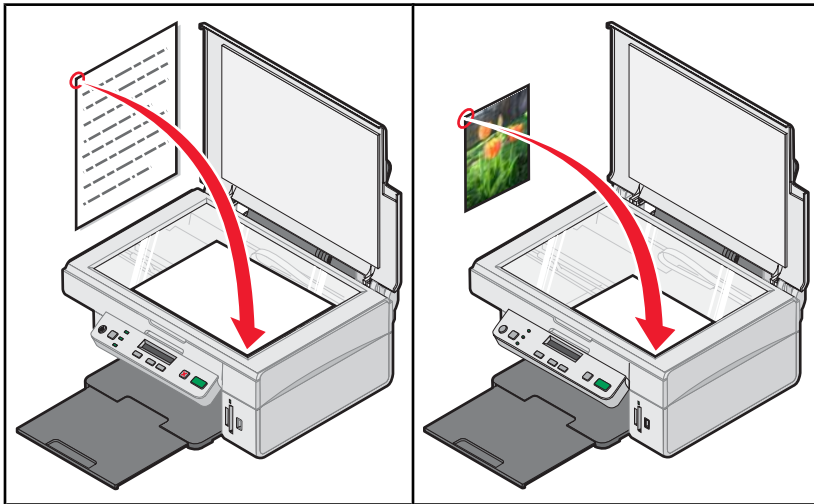When the image finishes processing, it opens in the program you selected.

5 Edit the image using the tools available in the graphics program. For more information, see the documentation that came with the graphics program.

Scanning clear images from magazines or newspapers

Descreening helps to remove wavy patterns from images scanned from magazines or newspapers.

1 Make sure the printer is connected to a computer, and both the printer and the computer are on.

2 Load an original document facedown on the scanner glass.

3 If necessary, press ▢ repeatedly until the ◁▸▣ light is on.

4 Press ◈.

   The All-In-One Center appears on the computer screen with a scan preview of the document under the Scanning & Copying tab.

5 If you want to scan only a portion of the document, click and drag the dotted line box to select a specific area of the preview image to scan.

6 From the "Send scanned image to" menu, select a program.

7 Click **Display Advanced Scan Settings**.

8 Select the **Image Patterns** tab.

9 Select the **Remove image patterns from magazine/newspaper (descreen)** check box.

10 Select **Best Quality** or **Best Speed**.

11 From the "What was scanned?" menu, select **Magazine** or **Newspaper**.

12 Click **OK**.

13 Click **Scan Now**.

Faxing

Sending a fax using the software

1 Make sure:
   - The printer is connected to a computer that is equipped with a fax modem.
   - The computer is connected to a working phone line.
   - Both the printer and the computer are turned on.

2 Load an original document facedown on the scanner glass.

3 From the desktop, double-click the **Imaging Studio** icon.

4 Click **Fax**.

5 Click **Scan and send a fax**.

6 Click **Preview Now**.

7 Click and drag the dotted line box to select a specific area of the preview image to fax.

8 Adjust the settings as needed.

9 Click **Next**.

10 Follow the instructions on the computer screen to complete the task.

Receiving a fax using the software

1 Make sure:
   - The printer is connected to a computer that is equipped with a fax modem.
   - The computer is connected to a working phone line.
   - Both the printer and the computer are turned on.

2 From the desktop, double-click the **Imaging Studio** icon.

3 Click **Fax**.

4 Click **Receive a fax or view settings/history**.

   Note: You can receive faxes only when the fax software is open.

5 Double-click the fax in the status window to view it.

6 Click the printer icon to print the fax.

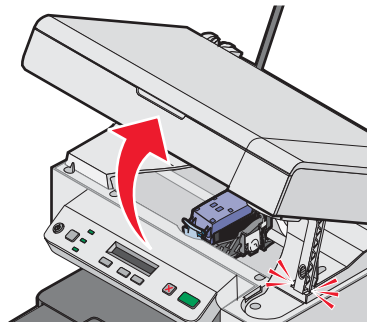   **Note:** If you want to print faxes as they arrive, select **Print Incoming Faxes**.

Maintaining the printer
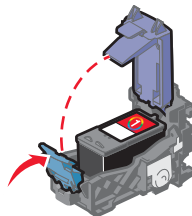
Changing a print cartridge

Removing a used print cartridge

1 Make sure the printer is on.

2 Lift the scanner unit.

The print cartridge carrier moves and stops at the loading position, unless the printer is busy.

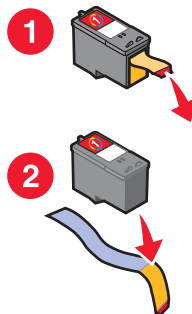

3 Press down on the lever to raise the cartridge lid.

4 Remove the used print cartridge.

To recycle the used cartridge, see "Recycling Lexmark products" on page 57.
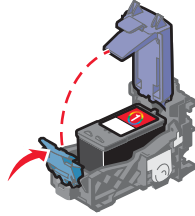
Installing a print cartridge

1 If you are installing a new print cartridge, remove the sticker and tape from the back and bottom of the cartridge.
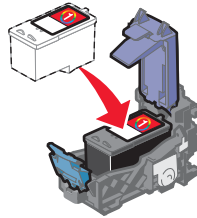

Warning: Do *not* touch the gold contact area on the back or the metal nozzles on the bottom of the cartridge.
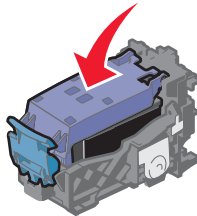
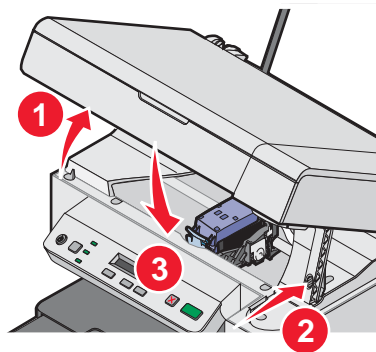**2** Press down on the cartridge lever to raise the cartridge lid.

3 Insert the cartridge.

4 Close the lid.

5 Lift the scanner unit, press the scanner support back until it slides into the slot, and close the scanner unit.

   CAUTION: When closing the scanner unit, make sure to keep your hands out from underneath the scanner unit.

6 Load paper, and press 🔷 to print an alignment page.

7 Load the printed alignment page on the scanner glass.

   For more information, see "Loading original documents on the scanner glass" on page 30.

8 Press 🔷 again to align the cartridge.

   Alignment Complete appears on the display.

   If any other message appears, see "Error messages" on page 71.

Note: The scanner unit must be closed to start a new scan, print, copy, or fax job.

Achieving better print quality

Improving print quality

If you are not satisfied with the print quality of a document, make sure you:

- Use the appropriate paper for the document. Use Lexmark Premium Photo Paper if you are printing photos or other high-quality images.
- Make sure the glossy or printable side faces you. (If you are not sure which side is the printable side, see the instructions that came with the paper.)
- Use a paper that is a heavier weight or bright white.
- Select a higher print quality.

If the document still does not have the print quality you want, follow these steps:

1. Align the print cartridge. For more information, see "Aligning the print cartridge using the computer" on page 54.

   If print quality has not improved, continue to step 2.

2. Clean the print cartridge nozzles. For more information, see "Cleaning the print cartridge nozzles" on page 54.

   If print quality has not improved, continue to step 3.

3. Remove and reinsert the print cartridge. For more information, see "Removing a used print cartridge" on page 52 and "Installing a print cartridge" on page 52.

   If print quality has not improved, continue to step 4.

4. Wipe the print nozzles and contacts. For more information, see "Wiping the print cartridge nozzles and contacts" on page 55.

   If print quality is still not satisfactory, replace the print cartridge. For more information, see "Ordering supplies" on page 56.

Aligning the print cartridge using the computer

To improve print quality, align the print cartridge immediately after you install it. For more information, see "Installing a print cartridge" on page 52.

1. Load paper.

2. From the desktop, double-click the **Imaging Studio** icon.

3. Click the **Maintain/Troubleshoot** button.

4. Click **Maintenance**.

5. Click **Align to fix blurry edges**.

6. Click **Print**.

   An alignment page prints.

7. Follow the instructions on the computer screen.

Cleaning the print cartridge nozzles

1. Load plain paper.

2. From the desktop, double-click the **Imaging Studio** icon.

3 Click the **Maintain/Troubleshoot** button.

4 Click **Maintenance**.

5 Click **Clean to fix horizontal streaks**.

6 Click **Print**.

A page prints, forcing ink through the print cartridge nozzles to clean them.

7 Print the document again to verify that the print quality has improved.

8 If print quality has not improved, try cleaning the nozzles up to two more times.

Wiping the print cartridge nozzles and contacts

1 Remove the print cartridge.

2 Dampen a clean, lint-free cloth with water.

3 Gently hold the cloth against the nozzles for about three seconds, and then wipe in the direction shown.
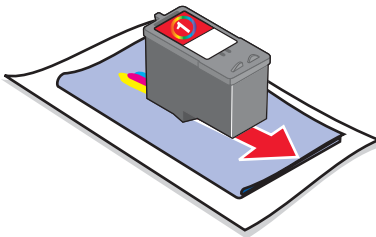
4 Using another clean section of the cloth, gently hold the cloth against the contacts for about three seconds, and then wipe in the direction shown.
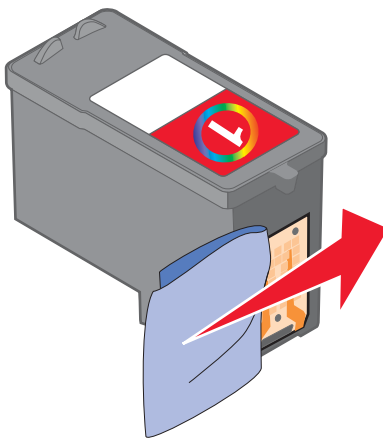
5 With another clean section of the cloth, repeat step 3 and step 4.

6 Let the nozzles and contacts dry completely.

7 Reinsert the print cartridge.

8 Print the document again.

9 If print quality does not improve, clean the print nozzles. For more information, see "Cleaning the print cartridge nozzles" on page 54.

10 Repeat step 9 up to two more times.

11 If print quality is still not satisfactory, replace the print cartridge.

Preserving the print cartridge

- Keep a new cartridge in its packaging until you are ready to install it.
- Do not remove a cartridge from the printer except to replace, clean, or store it in an airtight container. The print cartridge does not print correctly if left exposed for an extended period of time.

Cleaning the scanner glass

1 Dampen a clean, lint-free cloth with water.

2 Gently wipe the scanner glass clean.

Note: Make sure all ink or corrective fluid on a document is dry before placing the document on the scanner glass.

Ordering supplies

To order supplies or to locate a dealer near you, visit our Web site at **www.lexmark.com**.

Notes:

- For best results, use only Lexmark print cartridges.
- For best results when printing photos or other high-quality images, use Lexmark Premium Photo Paper.

Item	Part number
Print cartridge	1
USB cable	12A2405
Lexmark Photo Paper and Premium Photo Paper	Varies by country or region

Using genuine Lexmark print cartridges

Lexmark printers, print cartridges, and photo paper are designed to perform together for superior print quality.

If you receive an `Out of Original Lexmark Ink` message, the original Lexmark ink in the indicated cartridge(s) has been depleted.

If you believe you purchased a new, genuine Lexmark print cartridge, but the `Out of Original Lexmark Ink` message appears:

1 Click **Learn More** on the message.

2 Click **Report a non-Lexmark print cartridge**.

To prevent the message from appearing again for the indicated cartridge(s):

- Replace your cartridge(s) with new Lexmark print cartridge(s).
- If you are printing from a computer, click **Learn more** on the message, select the check box, and click **Close**.
- If you are using the printer without a computer, press **Cancel**.

Lexmark's warranty does not cover damage caused by non-Lexmark ink or print cartridges.

Refilling a print cartridge

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

Recycling Lexmark products

To return Lexmark products to Lexmark for recycling:

1 Visit our Web site at **www.lexmark.com/recycle**.

2 Follow the instructions on the computer screen.

Troubleshooting

Setup troubleshooting

Incorrect language appears on the display

1 Press ⏻ to turn off the printer.

2 Press and hold ▲ followed by ⏻ until the display reads **Language Reset**.

3 Release the buttons.

4 Press ▲ or ▼ repeatedly until the language you want appears on the display.

5 Press ▤ to save.

Power button is not lit

1 Disconnect the power cord from the wall outlet, and then from the printer.

2 Plug the cord all the way into the power supply on the printer.
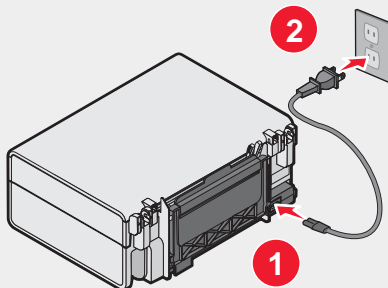
3 Plug the cord into an electrical outlet that other electrical devices have been using.

4 If the ⏻ light is not on, press ⏻.

Software does not install

The following operating systems are supported:
- Windows 98/Me
- Windows 2000
- Windows XP

Check that your computer meets the minimum system requirements listed on the box.

1 Check the USB cable for any obvious damage.

2 Firmly plug the rectangular end of the USB cable into the USB port of the computer.

The USB port is marked with the ⟍⟋ USB symbol.

3 Firmly plug the square end of the USB cable into the back of the printer.

1 Turn off and then restart your computer.

2 Click **Cancel** on all New Hardware Found screens.

3 Insert the CD, and then follow the instructions on the computer screen to reinstall the software.

1 Press ⏻ to turn the printer off.

2 Disconnect the power cord from the wall outlet.

3 Gently remove the power supply from the printer.

4 Reconnect the power supply to the printer.

5 Plug the power cord into the wall outlet.

6 Press ⏻ to turn the printer on.

1 Close all open software applications.

2 Disable any anti-virus programs.

3 Double-click the **My Computer** icon.

In Windows XP, click **Start** to access the My Computer icon.

4 Double-click the **CD–ROM drive** icon.

5 If necessary, double-click **setup.exe**.

6 Follow the instructions on the computer screen to install the software.

1 Visit our Web site at **www.lexmark.com** to check for the latest software.

2 In all countries or regions except the United States, select your country or region.

3 Click the links for drivers or downloads.

4 Select your printer family.

5 Select your printer model.

6 Select your operating system.

7 Select the file you want to download, and then follow the directions on the computer screen.
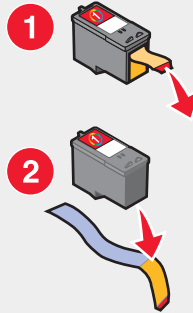
Page does not print

If the ⏻ light blinks, see "Error messages" on page 71.

If the ⏻ light is not on, see "Power button is not lit" on page 58.

Remove and then load paper.

Check the ink level, and install a new print cartridge if necessary.

1 Remove the print cartridge.

2 Make sure the sticker and tape have been removed.

3 Reinsert the print cartridge.

Make sure the printer is set as the default printer and is not on hold or paused.

1 Click:
- In Windows XP Pro: **Start ➞ Settings ➞ Printers and Faxes**.
- In Windows XP Home: **Start ➞ Control Panel ➞ Printers and Faxes**.
- In Windows 2000: **Start ➞ Settings ➞ Printers**.
- In Windows 98/Me: **Start ➞ Settings ➞ Printers**.

2 Double-click the name of your printer.

3 Click **Printer**.
- Make sure no check mark appears next to Pause Printing.
- Make sure a check mark does appear next to Set As Default.

1 Press ⏻ to turn the printer off.

2 Disconnect the power cord from the wall outlet.

3 Gently remove the power supply from the printer.

4 Reconnect the power supply to the printer.

5 Plug the power cord into the wall outlet.

6 Press ⏻ to turn the printer on.

1 Uninstall the printer software, and then reinstall it. For more information, see "Removing and reinstalling the software" on page 74.

2 If the software still does not install correctly, visit our Web site at **www.lexmark.com** to check for the latest software.

   a In all countries or regions except the United States, select your country or region.

   b Click the links for drivers or downloads.

   c Select your printer family.

d Select your printer model.

e Select your operating system.

f Select the file you want to download, and then follow the directions on the computer screen.

Cannot print from digital camera using PictBridge

Enable PictBridge printing on the camera by selecting the correct USB mode. For more information, see the digital camera documentation.

1 Disconnect the camera.

2 Connect a PictBridge-enabled digital camera to the PictBridge port. See the digital camera documentation to determine whether it is PictBridge-enabled.

Use only the USB cable that came with the camera.

Remove the memory card from the printer.

The printer can only read one media device at a time.

If an error message appears on the display, see "Error messages" on page 71.

Print troubleshooting

Improving print quality

If you are not satisfied with the print quality of a document, make sure you:

- Use the appropriate paper for the document. Use Lexmark Premium Photo Paper if you are printing photos or other high-quality images.
- Make sure the glossy or printable side faces you. (If you are not sure which side is the printable side, see the instructions that came with the paper.)
- Use a paper that is a heavier weight or bright white.
- Select a higher print quality.

If the document still does not have the print quality you want, follow these steps:

1 Align the print cartridge. For more information, see "Aligning the print cartridge using the computer" on page 54.

If print quality has not improved, continue to step 2.

2 Clean the print cartridge nozzles. For more information, see "Cleaning the print cartridge nozzles" on page 54.

If print quality has not improved, continue to step 3.

3 Remove and reinsert the print cartridge. For more information, see "Removing a used print cartridge" on page 52 and "Installing a print cartridge" on page 52.

If print quality has not improved, continue to step 4.

4 Wipe the print cartridge nozzles and contacts. For more information, see "Wiping the print cartridge nozzles and contacts" on page 55.

If print quality is still not satisfactory, replace the print cartridge. For more information, see "Ordering supplies" on page 56.

Poor text and graphic quality

Examples of poor text and graphic quality include:

- Blank pages
- Dark print
- Faded print
- Incorrect colors
- Light and dark bands in print
- Skewed lines
- Smudges
- Streaks
- White lines in print

Check the ink level, and install a new print cartridge if necessary.

See "Improving print quality" on page 61.

To avoid ink smudging when you are working with the following media, remove each sheet as it exits, and allow it to dry:

- Document with graphics or images
- Photo paper
- Heavy weight matte or glossy paper
- Transparency
- Labels
- Envelopes
- Iron-on transfer

Note: Transparencies may take up to 15 minutes to dry.

Use a different brand of paper. Each paper brand accepts ink differently and prints with color variations. Use Lexmark Premium Photo Paper if you are printing photos or other high-quality images.

Use only new, unwrinkled paper.

1 Uninstall the printer software, and then reinstall it. For more information, see "Removing and reinstalling the software" on page 74.

2 If the software still does not install correctly, visit our Web site at **www.lexmark.com** to check for the latest software.

    a In all countries or regions except the United States, select your country or region.

    b Click the links for drivers and downloads.

    c Select your printer family.

    d Select your printer model.

    e Select your operating system.

    f Select the file you want to download, and follow the directions on the computer screen.

Poor quality at the edges of the page

Unless you are using the borderless feature, use these minimum print margin settings:

- Left and right margins:
  - 6.35 mm (0.25 in.) for letter size paper
  - 3.37 mm (0.133 in.) for all paper sizes except letter
- Top margin: 1.7 mm (0.067 in.)
- Bottom margin: 12.7 mm (0.5 in.)

Select the Borderless print feature.

1 From the software application, click **File** ➞ **Print**.

2 Click **Properties**, **Preferences**, **Options**, or **Setup**.

3 Click **Print Layout**.

4 Click **Borderless**.

Check that the paper size being used matches the printer setting.

1 From the software application, click **File** ➞ **Print**.

2 Click **Properties**, **Preferences**, **Options**, or **Setup**.

3 Click **Paper Setup**.

4 Check the paper size.

Print speed is slow

Close all applications not in use.

Try minimizing the number and size of graphics and images in the document.

Consider purchasing more RAM.

Remove as many unused fonts as possible from your system.

1 From the software application, click **File** ➞ **Print**.

2 Click **Properties**, **Preferences**, **Options**, or **Setup**.

3 Click **Quality/Copies**.

4 From the Quality/Speed area, select a lower print quality.

1 Uninstall the printer software, and then reinstall it. For more information, see "Removing and reinstalling the software" on page 74.

2 If the software still does not install correctly, visit our Web site at **www.lexmark.com** to check for the latest software.

   a In all countries or regions except the United States, select your country or region.

   b Click the links for drivers and downloads.

   c Select your printer family.

   d Select your printer model.

    e Select your operating system.

    f Select the file you want to download, and follow the directions on the computer screen.

Printer does not print or respond

See "Page does not print" on page 59.

Partial document or photo prints

Make sure the document or photo is loaded correctly on the scanner glass.

Make sure the paper size being used matches the size you selected.

Copy troubleshooting

Copier does not respond

If an error message is displayed, see "Error messages" on page 71.

If the ⏻ light is not on, see "Power button is not lit" on page 58.

1 Uninstall the printer software, and then reinstall it. For more information, see "Removing and reinstalling the software" on page 74.

2 If the software still does not install correctly, visit our Web site at **www.lexmark.com** to check for the latest software.

    a In all countries or regions except the United States, select your country or region.

    b Click the links for drivers and downloads.

    c Select your printer family.

    d Select your printer model.

    e Select your operating system.

    f Select the file you want to download, and follow the directions on the computer screen.

Scanner unit does not close

1 Lift the scanner unit.

2 Remove any obstruction keeping the scanner unit open.

3 Lower the scanner unit.

Poor copy quality

Examples include:
- Blank pages
- Checkerboard pattern
- Distorted graphics or pictures
- Missing characters
- Faded print
- Dark print
- Skewed lines
- Smudges
- Streaks

- Unexpected characters
- White lines in print

If the ⏻ light blinks, see "Error messages" on page 71.

Check the ink level, and install a new print cartridge if necessary.

If the scanner glass is dirty, gently wipe it with a clean, lint-free cloth dampened with water.

See "Improving print quality" on page 54.

If you are copying or scanning from a newspaper, magazine, or glossy paper, see "Scanning clear images from magazines or newspapers" on page 49.

If the quality of the original document is not satisfactory, try using a clearer version of the document or image.

Place the document facedown on the scanner glass.

Partial document or photo copies

Make sure the document or photo is loaded correctly on the scanner glass.

Make sure the paper size being used matches the size you selected.

Scan troubleshooting

Scanner does not respond

If an error message is displayed, see "Error messages" on page 71.

If the ⏻ light is not on, see "Power button is not lit" on page 58.

Make sure the printer is set as the default printer and is not on hold or paused.

1 Click:
- In Windows XP Pro: **Start ➜ Settings ➜ Printers and Faxes**.
- In Windows XP Home: **Start ➜ Control Panel ➜ Printers and Faxes**.
- In Windows 2000: **Start ➜ Settings ➜ Printers**.
- In Windows 98/Me: **Start ➜ Settings ➜ Printers**.

2 Double-click the name of your printer.

3 Click **Printer**.
- Make sure no check mark appears next to Pause Printing.
- Make sure a check mark does appear next to Set As Default.

1 Uninstall the printer software, and then reinstall it. For more information, see "Removing and reinstalling the software" on page 74.

2 If the software still does not install correctly, visit our Web site at **www.lexmark.com** to check for the latest software.
  a In all countries or regions except the United States, select your country or region.
  b Click the links for drivers or downloads.
  c Select your printer family.

d Select your printer model.

   e Select your operating system.

   f Select the file you want to download, and then follow the directions on the computer screen.

Scan was not successful

1 Check the USB cable for any obvious damage.

2 Firmly plug the rectangular end of the USB cable into the USB port of the computer.

   The USB port is marked with the ⟵⟶ USB symbol.

3 Firmly plug the square end of the USB cable into the back of the printer.

Turn off and then restart your computer.

1 Uninstall the printer software, and then reinstall it. For more information, see "Removing and reinstalling the software" on page 74.

2 If the software still does not install correctly, visit our Web site at **www.lexmark.com** to check for the latest software.

   a In all countries or regions except the United States, select your country or region.

   b Click the links for drivers or downloads.

   c Select your printer family.

   d Select your printer model.

   e Select your operating system.

   f Select the file you want to download, and follow the directions on the computer screen.

Scanning takes too long or freezes the computer

Close all programs not being used.

To change the scanning resolution to a lower value:

1 Click **Start → Programs** or **All Programs → Lexmark 3400 Series**.

2 Select **All-In-One Center**.

3 From the Scan area, click **See More Scan Settings**.

4 Click **Display Advanced Scan Settings**.

5 From the Select Scan Resolution menu, select a lower number.

Poor scanned image quality

If an error message is displayed, see "Error messages" on page 71.

If the scanner glass is dirty, gently wipe it with a clean, lint-free cloth dampened with water.

To adjust the quality of a scan:

1 Make sure the printer is connected to a computer, and both the printer and the computer are on.

2 Load an original document facedown on the scanner glass.

3 From the desktop, double-click the **Imaging Studio** icon.

4 Click **Scan**.

   The All-In-One Center appears with the Scanning & Copying tab expanded.

5 From the Select Scan Quality section, select another DPI setting.

6 Click **Scan Now**.

See "Improving print quality" on page 54.

If you are copying or scanning from a newspaper, magazine, or glossy paper, see "Scanning clear images from magazines or newspapers" on page 49.

If the quality of the original document is not satisfactory, try using a clearer version of the document or image.

Place the document facedown on the scanner glass.

Partial document or photo scans

Make sure the document or photo is loaded correctly on the scanner glass.

Make sure the paper size being used matches the size you selected.

Cannot scan to an application

1 From the Selected Application Does Not Support Multiple Pages dialog, click **Cancel**.

2 From the All-In-One Center Scanning & Copying tab, choose a different application from the "Send scanned image to" menu.

3 Scan the document.

Fax troubleshooting

Tips for faxing using the Imaging Studio

If you are faxing using the Imaging Studio, make sure:

- The printer is connected to a computer that is equipped with a fax modem.
- The computer is connected to a working phone line.
- Both the printer and the computer are turned on.

For additional help when you are using a fax application, see the documentation that came with the fax application.

Cannot send or receive a fax

If an error message appears, follow the instructions on the error message dialog.

Place a test call to the telephone number to which you want to send a fax to make sure that it is working correctly.

If the telephone line is being used by another device, wait until the other device is finished before sending a fax.

Call Waiting can disrupt fax transmissions. Disable this feature before sending or receiving a fax. Call your telephone company to obtain the keypad sequence for temporarily disabling Call Waiting.

Cannot print a fax or received fax has poor print quality

Ask that the sender:

- Check that the quality of the original document is satisfactory.
- Resend the fax. There may have been a problem with the quality of the telephone line connection.
- Increase the fax scan resolution.

Check the ink level, and install a new cartridge if necessary.

1 Remove the print cartridge.

2 Make sure the sticker and tape have been removed.
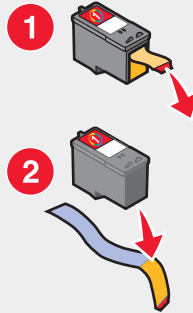
3 Reinsert the print cartridge.

If the ⏻ light is not on, see "Power button is not lit" on page 58.

Check for and clear any paper jams.

Received fax is blank

Ask the sender to verify the original document was loaded correctly.

Jams and misfeeds troubleshooting

Paper jam in the printer

To automatically eject the paper:

1 Press and hold ◻.

2 Remove the paper from the paper exit tray.

To manually remove the paper:

1 Press ⏻ to turn off the printer.

2 Firmly grasp the paper, and gently pull it out.

3 Press ⏻ to turn the printer back on.

Paper jam in the paper support

1 Press ⏻ to turn off the printer.

2 Firmly grasp the paper, and gently pull it out.

3 Press ⏻ to turn the printer back on.

Paper or specialty media misfeeds

If paper or specialty media misfeeds or skews, or multiple sheets feed or stick together, try the following solutions.

Load a smaller amount of paper into the printer.

See "Loading various paper types" on page 27 for information about:
- Maximum loading amounts per paper type
- Specific loading instructions for supported paper and specialty media

Load paper with the print side facing you.

Remove each page as it exits, and let it dry completely before stacking.

Use only new, unwrinkled paper.

Adjust the paper guides:
- When using media less than 8.5 inches wide
- Against the left edge of the paper or media, making sure it does not buckle
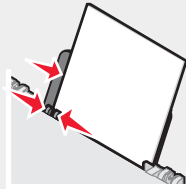
Printer does not feed paper, envelopes, or specialty media

If there is a paper jam, see the appropriate paper jam section.

Verify that the specialty media is loaded correctly.

Try loading one page, envelope, or sheet of specialty media at a time.

Make sure the printer is set as the default printer and is not on hold or paused.

1 Click:
- For Windows XP Pro: **Start ➜ Settings ➜ Printers and Faxes**.
- For Windows XP Home: **Start ➜ Control Panel ➜ Printers and Faxes**.
- For Windows 2000: **Start ➜ Settings ➜ Printers**.
- For Windows 98/Me: **Start ➜ Settings ➜ Printers**.

2 Double-click the name of your printer.

3 Click **Printer**.
- Make sure no check mark appears next to Pause Printing.
- Make sure a check mark does appear next to Set As Default.

Banner paper jams

1 Press ⏻ to turn off the printer.

2 Remove the jammed banner paper from the printer.

To keep a banner print job from jamming:

- Use only the number of sheets needed for the banner.
- Select the following settings to enable the printer to feed paper continuously without jamming:

  1 With a document open, click **File** ➞ **Print**.

  2 Click **Properties**, **Preferences**, **Options**, or **Setup**.

  3 Select the **Paper Setup** tab.

  4 From the Paper Size area, select **Banner**.

  5 Select **Letter Banner** or **A4 Banner** as the paper size.

  6 Select **Portrait** or **Landscape**.

  7 Click **OK**.

  8 Click **OK** or **Print**.

Memory card troubleshooting

Memory card cannot be inserted

Make sure that the type of memory card you are using can be used in the printer. See "Inserting a memory card" on page 36 to determine which slot accommodates your memory card and to see instructions on how to insert it.

Nothing happens when a memory card is inserted

Remove and reinsert the memory card quickly.

Warning: Do not remove cables or photo storage devices while the light is blinking.

See "Inserting a memory card" on page 36 to determine which slot accommodates your memory card and to see instructions on how to insert it.

Make sure that the type of memory card you are using can be used in the printer. See "Inserting a memory card" on page 36.

Check that there is no obvious damage to the memory card.

Insert only one memory card at a time.

Disconnect the PictBridge-enabled digital camera from the printer.

Check the cable connections.

1 Check the USB cable for any obvious damage.

2 Firmly plug the rectangular end of the USB cable into the USB port of the computer.

   The USB port is marked with the USB symbol ⚬⟵. .

3 Firmly plug the square end of the USB cable into the back of the printer.

Error messages on display

If an error message appears, see "Error messages" on page 71.

Error messages

Alignment problem...

1 Remove the print cartridge.

2 Make sure the sticker and tape have been removed.
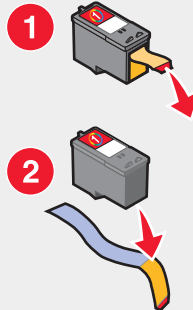
3 Reinsert the print cartridge.

4 Press ◇ to print an alignment page.

5 Load the alignment page facedown on the scanner glass.

6 Press ◇ again to align the cartridge.

Load only plain, unmarked paper for aligning the cartridge.

The printer will read any markings on used paper, which could cause the alignment error message to appear.

Cartridge Error

This includes the following cartridge errors:
- 1102
- 1203
- 1204
- 1205
- 1206
- 120F

1 Remove the print cartridge.

2 Disconnect the power cord from the electrical outlet.

3 Reconnect the power cord to the electrical outlet.

4 If the ⏻ light is not on, press ⏻.

5 Reinsert the print cartridge.

6 If the error:
- Does not reappear, the problem has been corrected.
- Reappears, replace the print cartridge with a new one.

Cartridge missing

The cartridge is missing or is not installed properly. For more information, see "Installing a print cartridge" on page 52.

Change paper or photo size setting...

There are one or more photos larger than the paper size you selected.

1 Press ▤ to clear the error message.

2 Press ▤ again until **Paper Size** appears on the display.

3 Press ▼ or ▲ to select the paper size option that will fit your largest photo size.

4 Press ◈ to begin printing.

Clear the carrier jam...

1 Raise the scanner unit.

2 Remove any objects blocking the path of the cartridge carrier.

3 Make sure the cartridge lid is closed.
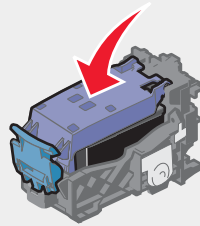
4 Close the scanner unit.

5 Press ◈.

Clear the paper jam...

See "Jams and misfeeds troubleshooting" on page 68.

Color ink low

1 Check the ink level, and install a new cartridge if necessary. The low ink warning occurs when the cartridge is 25% full, 15% full, and 10% full.

To order supplies, see "Ordering supplies" on page 56.

2 Press ▤ to continue.

Could not detect a proof sheet

The document placed on the scanner glass is not a valid proof sheet.

The memory card may have been removed from the printer, or the photo proof sheet may be loaded incorrectly on the scanner glass.

For more information, see "Printing photos stored on a memory card using the proof sheet" on page 38, or "Loading original documents on the scanner glass" on page 30.

Computer not connected

Make sure your computer is connected and turned on.

1 Check the USB cable for any obvious damage.

2 Firmly plug the rectangular end of the USB cable into the USB port of the computer.

The USB port is marked with the ⟨⟩ USB symbol.

3 Firmly plug the square end of the USB cable into the USB port on the back of the printer.

Insert camera/memory card.

No PictBridge-enabled digital camera or memory card was detected by the printer.

For more information, see "Using a PictBridge-enabled digital camera to control printing photos" on page 37 or "Inserting a memory card" on page 36.

Invalid photo/paper size selection

You have selected more than one option on step 2 of the photo proof sheet you printed and scanned.

1 Make sure you completely fill in only one circle for each option.

2 Press ◆ to continue.

Load paper...

1 Load paper.

2 Press ◆.

No images have been selected.

You have not selected any of the options on step 1 of the photo proof sheet you printed and scanned.

1 Make sure you completely fill in your selected circle or circles.

2 Press ◆ to continue.

No photo/paper size selection has been made.

You have not selected any of the options on step 2 of the photo proof sheet you printed and scanned.

1 Make sure you completely fill in your selected circle or circles.

2 Press ◆ to continue.

No photo files found

No supported images have been found on the memory card.

1 Remove the memory card.

2 Use only memory cards containing photos created in your digital camera using the JPEG format.

For more information, see the documentation that came with your camera.

No proof sheet information

The photo proof sheet you printed and scanned is no longer valid.

You may have removed the memory card from the printer, or turned off the printer, before scanning the photo proof sheet.

For more information, see "Printing photos stored on a memory card using the proof sheet" on page 38.

Only one device or media card is allowed...

The printer can read only one memory card at a time.

1 Remove both memory cards.

2 Reinsert only one memory card.

Paper skewed, please reposition.

The photo proof sheet is placed incorrectly on the scanner glass.

For more information, see "Loading original documents on the scanner glass" on page 30.

Change paper size setting...

There are one or more photos larger than the paper size you selected.

For more information, see "**Change paper or photo size setting...**" on page 72.

PictBridge Communications Error

Make sure your PictBridge-enabled digital camera is inserted correctly into the printer.

For more information, see "Using a PictBridge-enabled digital camera to control printing photos" on page 37.

Please remove your camera to use your memory card

The printer can read either a PictBridge-enabled digital camera or a memory card, not both at the same time.

1 Remove both the PictBridge-enabled digital camera and the memory card.

2 Reinsert only one of the devices mentioned above.

Some photos removed from card by host

Some of the photos on the photo proof sheet were deleted from the memory card through the computer.

You need to print a new photo proof sheet.

For more information, see "Printing photos stored on a memory card using the proof sheet" on page 38.

There is a problem reading the memory card...

The memory card was inserted incorrectly or is damaged.

1 Check for any obvious damage to the memory card.

2 Reinsert the memory card. See "Inserting a memory card" on page 36 to determine which slot accommodates your memory card and to see instructions on how to insert it.

Removing and reinstalling the software

If the printer is not functioning properly, or if a communications error message appears when you try to use the printer, you may need to remove and reinstall the printer software.

1 Click **Start** ➞ **Programs** or **All Programs** ➞ **Lexmark 3400 Series**.

2 Select **Uninstall**.

3 Follow the instructions on the computer screen to remove the printer software.

4 Restart the computer before reinstalling the printer software.

5 Click **Cancel** on all New Hardware Found screens.

6 Insert the CD, and then follow the instructions on the computer screen to reinstall the software.

Notices

Product name	Lexmark 3400 Series
Machine type	4427-001 4427-A01 4427-0H1 4427-AH1

Trademarks

Lexmark and Lexmark with diamond design are trademarks of Lexmark International, Inc., registered in the United States and/or other countries.

All other trademarks are the property of their respective owners.

Conventions

Note: A *note* identifies something that could help you.

CAUTION: A *caution* identifies something that could cause you harm.

Warning: A *warning* identifies something that could damage your product hardware or software.

Federal Communications Commission (FCC) compliance information statement

This product 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 when the equipment is operated 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 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 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 1021294 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 Lexmark Technology & Services
Lexmark International, Inc.
740 West New Circle Road
Lexington, KY 40550
(859) 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 de l'industrie du 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 equipmentdesigned for use within certain voltage limits.

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

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

Japanese VCCI notice

製品にこのマークが表示されている場合、
次の要件を満たしています。

VCI

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
基づくクラス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ください。

Korean MIC statement

제품에 이 기호가 있는 경우 다음 문구가 적용됩니다.

MIC

B급 기기 (가정용 정보통신기기)

이 기기는 가정용으로 전자파적합등록을 한 기기로서
주거지역에서는 물론 모든 지역에서 사용할 수 있습니다.

Noise emission levels

The following measurements were made in accordance with ISO 7779 and reported in conformance with ISO 9296.
Note: Some modes may not apply to your product.

1-meter average sound pressure, dBA	
Printing	50
Scanning	40
Copying	50
Ready	0

Values are subject to change. See **www.lexmark.com** for current values.

Waste from Electrical and Electronic Equipment (WEEE) directive

The WEEE logo signifies specific recycling programs and procedures for electronic products in countries of the European Union. We encourage the recycling of our products. If you have further questions about recycling options, visit the Lexmark Web site at **www.lexmark.com** for your local sales office phone number.

ENERGY STAR

Power consumption

Product power consumption

The following table documents the power consumption characteristics of the product.

Note: Some modes may not apply to your product.

Mode	Description	Power consumption (Watts)
Printing	The product is generating hard-copy output from electronic inputs.	12.0
Copying	The product is generating hard-copy output from hard-copy original documents.	11.0
Scanning	The product is scanning hard-copy documents.	6.6
Ready	The product is waiting for a print job.	4.0
Power Saver	The product is in energy-saving mode.	6.0

Mode	Description	Power consumption (Watts)
High Off	The product is plugged into a wall outlet, but the power switch is turned off.	n/a
Low Off (<1 W Off)	The product is plugged into a wall outlet, the power switch is turned off, and the product is in the lowest possible power consumption mode.	n/a
Off	The product is plugged into a wall outlet, but the power switch is turned off.	3.5

The power consumption levels listed in the previous table represent time-averaged measurements. Instantaneous power draws may be substantially higher than the average. Values are subject to change. See **www.lexmark.com** for current values.

Power Saver

This product is designed with an energy-saving mode called Power Saver. The Power Saver Mode is equivalent to the EPA Sleep Mode. The Power Saver Mode saves energy by lowering power consumption during extended periods of inactivity. The Power Saver Mode is automatically engaged after this product is not used for a specified period of time, called the Power Saver Timeout.

Factory default Power Saver Timeout for this product (in minutes):	30

Off mode

If this product has an off mode which still consumes a small amount of power, then to completely stop product power consumption, disconnect the power supply cord from the wall outlet.

Total energy usage

It is sometimes helpful to calculate the total product energy usage. Since power consumption claims are provided in power units of Watts, the power consumption should be multiplied by the time the product spends in each mode in order to calculate energy usage. The total product energy usage is the sum of each mode's energy usage.

Statement of Limited Warranty

Lexmark International, Inc., Lexington, KY

This limited warranty applies to the United States. For customers outside the U.S., see the country-specific warranty information that came with your product.

This limited warranty applies to this product only 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."

Limited warranty

Lexmark warrants that this product:

—Is manufactured from new parts, or new and serviceable used parts, which perform like new parts

—Is, during normal use, free from defects in material and workmanship

If this product does not function as warranted during the warranty period, contact a Remarketer or Lexmark for repair or replacement (at Lexmark's option).

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.

Limited warranty service

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

To obtain warranty service you may be required to present proof of original purchase. 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.

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, damaged beyond repair, or if the product is not free of all legal obligations, restrictions, liens, and encumbrances.

Before you present this product for warranty service, remove all print cartridges, programs, data, and removable storage media (unless directed otherwise by Lexmark).

For further explanation of your warranty alternatives and the nearest Lexmark authorized servicer in your area, contact Lexmark at (800) 332-4120, or on the World Wide Web at **www.lexmark.com/support**.

Remote technical support is provided for this product throughout its warranty period. For products no longer covered by a Lexmark warranty, technical support may not be available or only be available for a fee.

Extent of limited warranty

We do not warrant uninterrupted or error-free operation of any 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

—Use of printing media outside of Lexmark specifications

—Supplies (such as ink) not furnished by Lexmark

—Products, components, parts, materials, software, or interfaces not furnished by Lexmark

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Additional rights

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

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