



LexmarkTM

C2335, CS531, CS632, CS639 Printers

User's Guide

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Safety information

Conventions

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

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

WARNING (in full capitals): A *WARNING* indicates a risk of death or serious injury if not avoided.

CAUTION: A *caution* indicates a potentially hazardous situation that could injure you.

Different types of caution statements include:



CAUTION—POTENTIAL INJURY

Indicates a risk of injury.



CAUTION—SHOCK HAZARD

Indicates a risk of electrical shock.



CAUTION—HOT SURFACE

Indicates a risk of burn if touched.



CAUTION—TIPPING HAZARD

Indicates a crush hazard.



CAUTION—PINCH HAZARD

Indicates a risk of being caught between moving parts.

Product statements



CAUTION—POTENTIAL INJURY

To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.



CAUTION—POTENTIAL INJURY

To avoid the risk of fire or electrical shock, use only the power cord provided with this product or the manufacturer's authorized replacement.



CAUTION—POTENTIAL INJURY

Do not use this product with extension cords, multioutlet power strips, multioutlet extenders, or UPS devices. The power capacity of these types of accessories can be easily overloaded by a laser printer and may result in a risk of fire, property damage, or poor printer performance.



CAUTION—POTENTIAL INJURY

Only a Lexmark Inline Surge Protector that is properly connected between the printer and the power cord provided with the printer may be used with this product. The use of non-Lexmark surge protection devices may result in a risk of fire, property damage, or poor printer performance.



CAUTION—SHOCK HAZARD

To avoid the risk of electrical shock, do not place or use this product near water or wet locations.



CAUTION—SHOCK HAZARD

To avoid the risk of electrical shock, do not set up this product or make any electrical or cabling connections, such as the power cord, fax feature, or telephone, during a lightning storm.



CAUTION—POTENTIAL INJURY

Do not cut, twist, bind, crush, or place heavy objects on the power cord. Do not subject the power cord to abrasion or stress. Do not pinch the power cord between objects such as furniture and walls. If any of these things happen, a risk of fire or electrical shock results. Inspect the power cord regularly for signs of such problems. Remove the power cord from the electrical outlet before inspecting it.



CAUTION—SHOCK HAZARD

To avoid the risk of electrical shock, make sure that all external connections (such as Ethernet and telephone system connections) are properly installed in their marked plug-in ports.



CAUTION—SHOCK HAZARD

To avoid the risk of electrical shock, if you are accessing the controller board or installing optional hardware or memory devices sometime after setting up the printer, then turn the printer off, and unplug the power cord from the electrical outlet before continuing. If you have any other devices attached to the printer, then turn them off as well, and unplug any cables going into the printer.



CAUTION—SHOCK HAZARD

To avoid the risk of electrical shock when cleaning the exterior of the printer, unplug the power cord from the electrical outlet and disconnect all cables from the printer before proceeding.



CAUTION—POTENTIAL INJURY

If the printer weight is greater than 20 kg (44 lb), then it may require two or more people to lift it safely.



CAUTION—POTENTIAL INJURY

When moving the printer, follow these guidelines to avoid personal injury or printer damage:

- Make sure that all doors and trays are closed.
- Turn off the printer, and then unplug the power cord from the electrical outlet.
- Disconnect all cords and cables from the printer.
- If the printer has separate floor-standing optional trays or output options attached to it, then disconnect them before moving the printer.
- If the printer has a caster base, then carefully roll it to the new location. Use caution when passing over thresholds and breaks in flooring.
- If the printer does not have a caster base but is configured with optional trays or output options, then remove the output options and lift the printer off the trays. Do not try to lift the printer and any options at the same time.
- Always use the handholds on the printer to lift it.
- Any cart used to move the printer must have a surface able to support the full footprint of the printer.
- Any cart used to move the hardware options must have a surface able to support the dimensions of the options.
- Keep the printer in an upright position.
- Avoid severe jarring movements.
- Make sure that your fingers are not under the printer when you set it down.

- Make sure that there is adequate clearance around the printer.



CAUTION—TIPPING HAZARD

Installing one or more options on your printer or MFP may require a caster base, furniture, or other feature to prevent instability causing possible injury. For more information on supported configurations, go to www.lexmark.com/multifunctionprinters.



CAUTION—TIPPING HAZARD

To reduce the risk of equipment instability, load each tray separately. Keep all other trays closed until needed.



CAUTION—HOT SURFACE

The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.



CAUTION—PINCH HAZARD

To avoid the risk of a pinch injury, use caution in areas marked with this label. Pinch injuries may occur around moving parts, such as gears, doors, trays, and covers.



CAUTION—POTENTIAL INJURY

This product uses a laser. Use of controls or adjustments or performance of procedures other than those specified in the *User's Guide* may result in hazardous radiation exposure.



CAUTION—POTENTIAL INJURY

Do not use aerosol cleaners. Aerosol cleaners can cause explosions or fires when used on electromechanical equipment.



CAUTION—POTENTIAL INJURY

When handling cartridges, for example toner cartridges, avoid skin and eye contact. Eye contact with toner can cause irritation and inflammation. Do not attempt to disassemble the cartridge, which can increase the risk of skin or eye contact.



CAUTION—POTENTIAL INJURY

The lithium battery in this product is not intended to be replaced. There is a danger of explosion if a lithium battery is incorrectly replaced. Do not recharge, disassemble, or incinerate a lithium battery. Discard used lithium batteries according to the manufacturer's instructions and local regulations.



WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** of **CHILDREN**.
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do not dispose of batteries in household trash or incinerate. Even used batteries may cause severe injury or death. Call a local poison control center for treatment information.

Safety information

Battery type: MS621

Nominal battery voltage: 3V

Do not force discharge, recharge, disassemble, heat above 60°C (140°F), or incinerate. Doing so may result in injury due to venting, leakage, or explosion resulting in chemical burns.

This product is designed, tested, and approved to meet strict global safety standards with the use of specific manufacturer's components. The safety features of some parts may not always be obvious. The manufacturer is not responsible for the use of other replacement parts.

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

SAVE THESE INSTRUCTIONS.

Learn about the printer

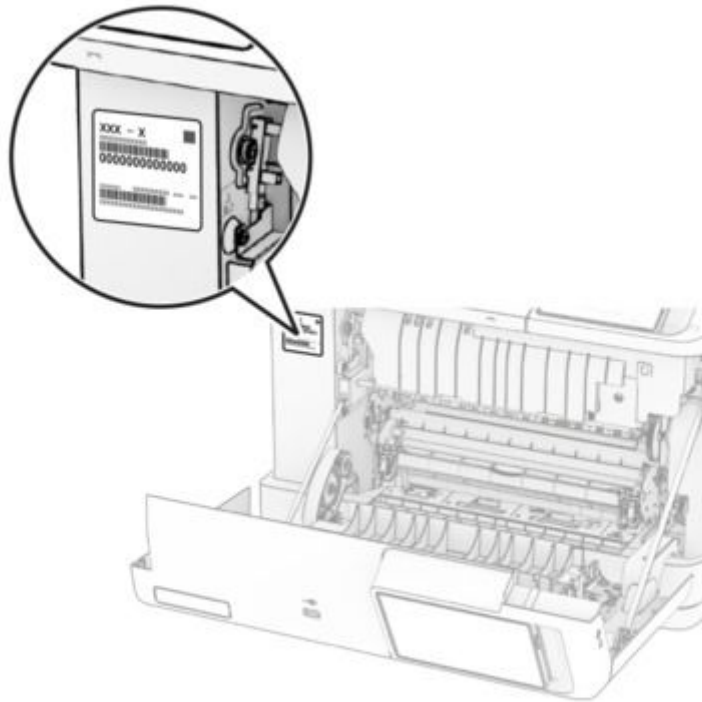
Finding information about the printer

What are you looking for?	Find it here
Initial setup instructions	See the setup documentation that came with the printer.
• Printer software • Print or fax driver • Printer firmware • Utility	Go to www.lexmark.com/downloads .
• Interactive <i>User's Guide</i> • How-to videos	Go to https://support.lexmark.com .
Help information for using the printer software.	Help for Microsoft Windows or Macintosh operating systems—Open a printer software program or application, and then click Help.  Click  to view context-sensitive information. Notes • Help is automatically installed with the printer software. • Depending on the operating system, the printer software is either in the printer program folder or on the desktop.

What are you looking for?	Find it here
• Documentation • Live chat support • Email support • Voice support	Go to https://support.lexmark.com. Note: Select your country or region, and then select your product to view the appropriate support site. Support contact information for your country or region can be found on the website or on the printed warranty that came with the printer. Have the following information ready when you contact customer support: • Place and date of purchase • Machine type and serial number For more information, see Finding the printer serial number on page 10.
• Safety information • Regulatory information • Warranty information • Environmental information	Warranty information varies by country or region: • In the U.S.—See the Statement of Limited Warranty included with the printer, or go to https://support.lexmark.com. • In other countries and regions—See the printed warranty that came with the printer. <i>Product Information Guide</i>—See the documentation that came with the printer or go to https://support.lexmark.com.
Information on Lexmark digital passport	Go to https://csr.lexmark.com/digital-passport.php .

Finding the printer serial number

1. Open door A.
2. Locate the serial number.



Printer configurations



CAUTION—TIPPING HAZARD

Installing one or more options on your printer or MFP may require a caster base, furniture, or other feature to prevent instability causing possible injury. For more information on supported configurations, see www.lexmark.com/multifunctionprinters.



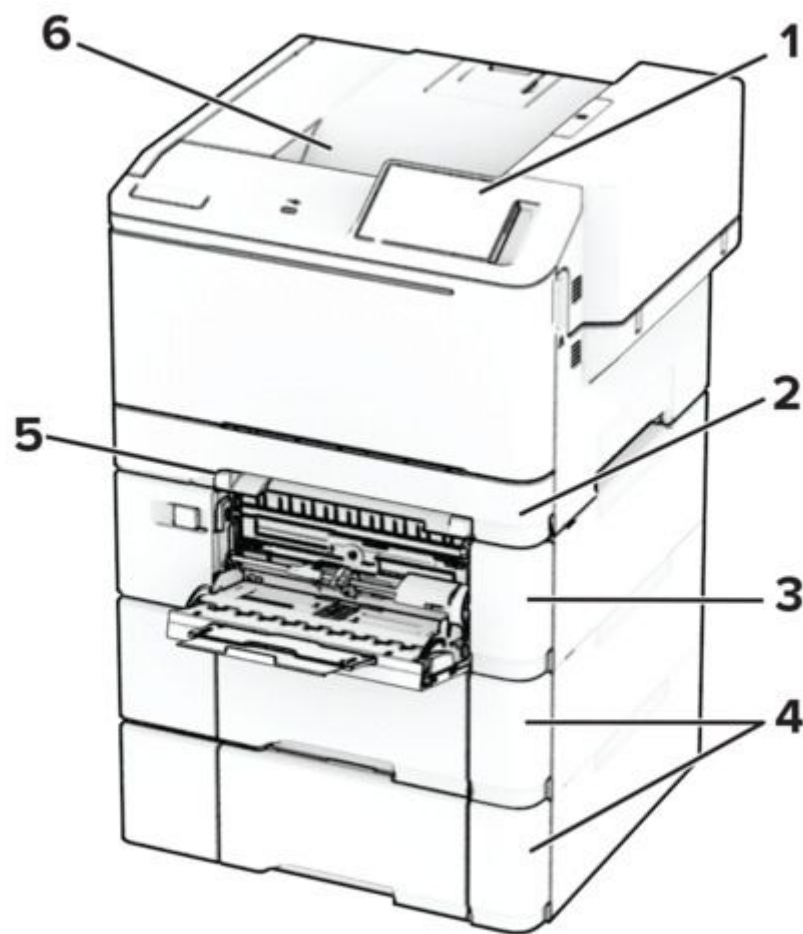
CAUTION—TIPPING HAZARD

To reduce the risk of equipment instability, load each tray separately. Keep all other trays closed until needed.

You can configure your printer by adding any of the following options:

- A 650-sheet duo tray
- A 650-sheet duo tray and up to two 550-sheet trays
- Up to three 550-sheet trays

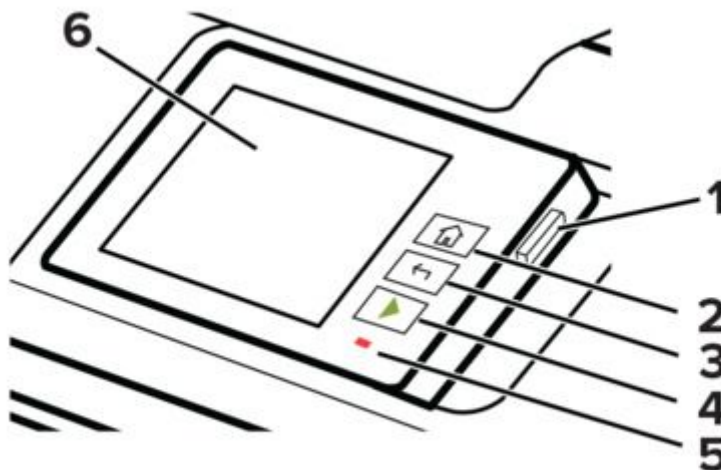
For more information, see [Installing optional trays on page 60](#).



1	Control panel
2	Standard 250-sheet tray
3	Optional 650-sheet duo tray
	Note: The tray is composed of a 550-sheet tray and a 100-sheet multipurpose feeder.
4	Optional 550-sheet trays
5	Manual feeder
6	Standard bin

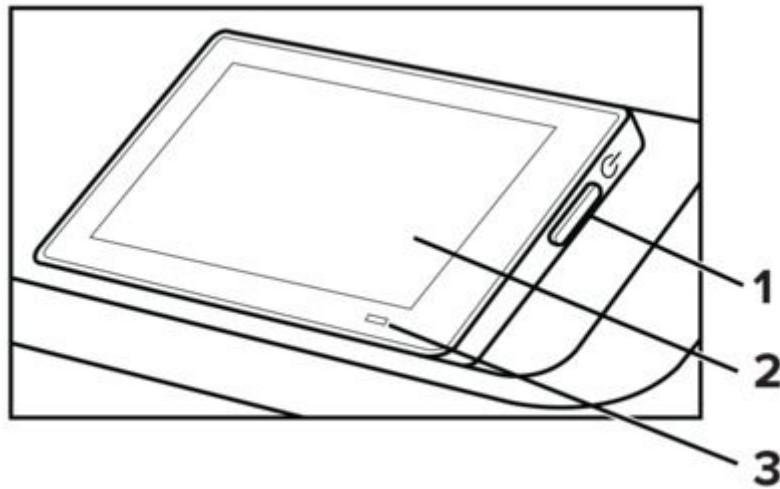
Using the control panel

Lexmark CS531 and Lexmark C2335



	Control panel part	Function
1	Power button	• Turn on or turn off the printer. Note: To turn off the printer, press and hold the power button for five seconds. • Set the printer to Sleep mode. • Wake the printer from Sleep or Hibernate mode.
2	Home button	Go to the home screen.
3	Back button	Return to the previous screen.
4	Start button	Start a job.
5	Indicator light	Check the status of the printer.
6	Display	• View the printer messages and supply status. • Set up and operate the printer.

Lexmark CS632 and Lexmark CS639



	Control panel part	Function
1	Power button	• Turn on or turn off the printer. Note: To turn off the printer, press and hold the power button for five seconds. • Set the printer to Sleep mode. • Wake the printer from Sleep or Hibernate mode.
2	Display	• View the printer messages and supply status. • Set up and operate the printer.
3	Indicator light	Check the status of the printer.

Colors of the indicator light

Color of the indicator light	Printer status
Off	The printer is off.
Solid blue	The printer is ready.
Blinking blue	The printer is printing or processing data.
Blinking red	The printer requires user intervention.

Color of the indicator light	Printer status
Solid amber	The printer is in sleep mode.
Blinking amber	The printer is in deep sleep or hibernate mode.
Alternating between blue and blinking red	The printer is not responding or showing anything on the display. For more information, see Indicator light is alternating between blue and blinking red on page 221.

Selecting paper

Paper guidelines

Use the appropriate paper to prevent jams and help ensure trouble-free printing.

- Always use new, undamaged paper.
- Before loading paper, know the recommended printable side of the paper. This information is usually indicated on the paper package.
- Do not use paper that has been cut or trimmed by hand.
- Do not mix paper sizes, types, or weights in the same tray.
- Do not use coated papers unless they are specifically designed for electrophotographic printing.

For more information, see *Paper and Specialty Media Guide* at <https://support.lexmark.com>.

Paper characteristics

The following paper characteristics affect print quality and reliability. Consider these factors before printing on them.

Weight

Trays can feed paper of varying weights. Paper lighter than 60 gsm (16 lb-bond) may not be stiff enough to feed properly, and may cause jams. For more information, see [Supported paper weights](#).

Curl

Curl is the tendency for paper to curl at its edges. Excessive curl can cause paper feeding problems. Curl can occur after the paper passes through the printer, where it is exposed to high temperatures. Storing paper unwrapped in hot, humid, cold, or dry conditions can contribute to paper curling before printing and can cause feeding problems.

Smoothness

Paper smoothness directly affects print quality. If paper is too rough, toner cannot fuse to it properly. If paper is too smooth, it can cause paper feeding or print quality issues. We recommend the use of paper with 50 Sheffield points.

Moisture content

The amount of moisture in paper affects both print quality and the printer ability to feed the paper correctly. Leave the paper in its original wrapper until you use it. Exposure of paper to moisture changes can degrade its performance.

Before printing, store paper in its original wrapper for 24 to 48 hours. The environment in which the paper is stored must be the same as the printer. Extend the time several days if the storage or transportation environment is very different from the printer environment. Thick paper may also require a longer conditioning period.

Grain direction

Grain refers to the alignment of the paper fibers in a sheet of paper. Grain is either *grain long*, which runs the length of the paper or *grain short*, which runs the width of the paper. For recommended grain direction, see [Supported paper weights](#).

Fiber content

Most high-quality xerographic paper is made from 100 percent chemically treated pulped wood. This content provides the paper with a high degree of stability, resulting in fewer paper feeding problems and better print quality. Paper containing fibers such as cotton can negatively affect paper handling.

Unacceptable paper

The following paper types are not recommended for use with the printer:

- Chemically treated papers that are used to make copies without carbon paper. They are also known as carbonless papers, carbonless copy paper (CCP), or no carbon required (NCR) paper.
- Preprinted papers with chemicals that may contaminate the printer.
- Preprinted papers that can be affected by the temperature in the printer fuser.
- Preprinted papers that require a registration (the precise print location on the page) greater than ± 2.3 mm (± 0.09 in.). For example, optical character recognition (OCR) forms.

Sometimes, registration can be adjusted with a software app to print successfully on these forms.

- Coated papers (erasable bond), synthetic papers, or thermal papers.
- Rough-edged, rough or heavily textured surface papers, or curled papers.
- Papers that fail EN12281:2002 (European).
- Paper weighing less than 60 gsm (16 lb-bond).
- Multiple-part forms or documents.

Storing paper

Use these paper storage guidelines to help avoid jams and uneven print quality:

- Store paper in its original wrapper in the same environment as the printer for 24 to 48 hours before printing.
- Extend the time several days if the storage or transportation environment is very different from the printer environment. Thick paper may also require a longer conditioning period.
- For best results, store paper where the temperature is 21°C (70°F) and the relative humidity is 40 percent.
- Most label manufacturers recommend printing in a temperature range of 18 to 24°C (65 to 75°F) with relative humidity between 40 and 60 percent.
- Store paper in cartons, on a pallet or shelf, rather than on the floor.
- Store individual packages on a flat surface.
- Do not store anything on top of individual paper packages.
- Take paper out of the carton or wrapper only when you are ready to load it in the printer. The carton and wrapper help keep the paper clean, dry, and flat.

Using recycled paper

Lexmark works to reduce the environmental impact of paper by providing customers choices when it comes to printing. One way we achieve this is by testing products to ensure recycled paper may be used—specifically, papers made with 30%, 50%, and 100% post-consumer recycled content. Our expectation is that recycled papers perform as well as virgin paper in our printers. While no official standard exists for office equipment use of paper, Lexmark uses European Standard EN 12281 as a minimum properties standard. To ensure breadth of testing, test paper includes 100% recycled papers from North America, Europe, and Asia, and tests are conducted at 8–80% relative humidity. Testing includes duplex printing. Office paper using renewable, recycled, or chlorine-free content may all be used.

Selecting preprinted forms and letterhead

- Use grain long paper.
- Use only forms and letterhead printed using an offset lithographic or engraved printing process.
- Avoid paper with rough or heavily textured surfaces.
- Use inks that are not affected by the resin in the toner. Inks that are oxidation-set or oil-based generally meet these requirements; latex inks might not.
- Print samples on preprinted forms and letterheads considered for use before buying large quantities. This action determines whether the ink in the preprinted form or letterhead affects print quality.
- When in doubt, contact your paper supplier.
- When printing on letterhead, load the paper in the proper orientation for your printer. For more information, see the *Paper and Specialty Media Guide*.

Supported paper sizes

Paper size and dimension	Standard 250-sheet tray	Manual feeder	Optional 650-sheet duo tray		Optional 550-sheet tray	Two-sided printing
			550-sheet tray	Multipurpose feeder		
A4 210 x 297 mm (8.27 x 11.7 in.)	✓	✓	✓	✓	✓	✓
A5 Portrait (short-edge feed) 1,2 148 x 210 mm (5.83 x 8.27 in.)	X	X	✓	X	✓	X
A5 Landscape (long-edge feed) 1,2 210 x 148 mm (8.27 x 5.83 in.)	✓	✓	X	X	X	X
A6 105 x 148 mm (4.13 x 5.83 in.)	✓	✓	X	✓	X	X
1/3 A4 95 x 210 mm (3.7 x 8.3 in.)	✓	✓	X	✓	X	X
JIS B5 182 x 257 mm (7.17 x 10.1 in.)	✓	✓	✓	✓	✓	X
Letter 215.9 x 279.4 mm (8.5 x 11 in.)	✓	✓	✓	✓	✓	✓

Learn about the printer

Paper size and dimension	Standard 250-sheet tray	Manual feeder	Optional 650-sheet duo tray		Optional 550-sheet tray	Two-sided printing
			550-sheet tray	Multipurpose feeder		
Legal 215.9 x 355.6 mm (8.5 x 14 in.)	✓	✓	✓	✓	✓	✓
Executive 184.2 x 266.7 mm (7.25 x 10.5 in.)	✓	✓	✓	✓	✓	X
Oficio (Mexico) 215.9 x 340.4 mm (8.5 x 13.4 in.)	✓	✓	✓	✓	✓	✓
Folio 215.9 x 330.2 mm (8.5 x 13 in.)	✓	✓	✓	✓	✓	✓
Statement 139.7 x 215.9 mm (5.5 x 8.5 in.)	✓	✓	X	✓	X	X
Hagaki 100 x 148 mm (3.94 x 5.83 in.)	✓	✓	X	✓	X	X
Universal 3,4 98.4 x 148 mm to 215.9 x 355.6 mm (3.87 x 5.83 in. to 8.5 x 14 in.)	✓	✓	X	✓	X	X

Learn about the printer

Paper size and dimension	Standard 250-sheet tray	Manual feeder	Optional 650-sheet duo tray		Optional 550-sheet tray	Two-sided printing
			550-sheet tray	Multipurpose feeder		
Universal ^{3,4} 76.2 x 127 mm to 215.9 x 355.6 mm (3 x 5 in. to 8.5 x 14 in.)	X	✓	X	✓	X	X
Universal ^{3,4} 148 x 210 mm to 215.9 x 355.6 mm (5.83 x 8.27 in. to 8.5 x 14 in.)	✓	✓	✓	✓	✓	X
Universal ^{3,4} 210 x 250 mm to 215.9 x 355.6 mm (8.27 x 9.84 in. to 8.5 x 14 in.)	✓	✓	✓	✓	✓	✓
7 3/4 Envelope 98.4 x 190.5 mm (3.875 x 7.5 in.)	✓	✓	X	✓	X	X
9 Envelope 98.4 x 225.4 mm (3.875 x 8.9 in.)	✓	✓	X	✓	X	X

Learn about the printer

Paper size and dimension	Standard 250-sheet tray	Manual feeder	Optional 650-sheet duo tray		Optional 550-sheet tray	Two-sided printing
			550-sheet tray	Multipurpose feeder		
10 Envelope 104.8 x 241.3 mm (4.12 x 9.5 in.)	✓	✓	X	✓	X	X
DL Envelope 110 x 220 mm (4.33 x 8.66 in.)	✓	✓	X	✓	X	X
C5 Envelope 162 x 229 mm (6.38 x 9.01 in.)	✓	✓	X	✓	X	X
B5 Envelope 176 x 250 mm (6.93 x 9.84 in.)	✓	✓	X	✓	X	X
Monarch 98.425 x 190.5 mm (3.875 x 7.5 in.)	X	X	X	X	X	X
Other Envelope ⁵ 98.4 x 162 mm to 176 x 250 mm (3.87 x 6.38 in. to 6.93 x 9.84 in.)	✓	✓	X	✓	X	X

¹ Load this paper size into the standard tray and the manual feeder with the long edge entering the printer first.

² Load this paper size into the optional trays and the multipurpose feeder with the short edge entering the printer first.

³ When Universal is selected, the page is formatted for 215.9 x 355.6 mm (8.5 x 14 in.) unless the size is specified by the software application.

⁴ Load narrow paper with the short edge entering the printer first.

⁵ When Other Envelope is selected, the page is formatted for 215.9 x 355.6 mm (8.5 x 14 in.) unless the size is specified by the software application.

Note: Your printer model may have a 650-sheet duo tray, which consists of a 550-sheet tray and an integrated 100-sheet multipurpose feeder. The 550-sheet tray of the 650-sheet duo tray supports the same paper sizes as the optional 550-sheet tray. The integrated multipurpose feeder supports different paper sizes, types, and weights.

Supported paper types

Paper type	Standard 250-sheet tray	Manual feeder	Optional 650-sheet duo tray		Optional 550-sheet tray	Two-sided printing
			550-sheet tray	Multipurpose feeder		
Plain	✓	✓	✓	✓	✓	✓
Card stock	✓	✓	✓	✓	✓	X
Labels	✓	✓	✓	✓	✓	✓
Vinyl Labels	✓	✓	✓	✓	✓	X
Envelope	✓	✓	X	✓	X	X

Notes

- Your printer model may have a 650-sheet duo tray, which consists of a 550-sheet tray and an integrated 100-sheet multipurpose feeder. The 550-sheet tray of the 650-sheet duo tray supports the same paper type as the 550-sheet tray. The integrated multipurpose feeder supports different paper sizes, types, and weights.
- Labels, envelopes, and card stock always print at reduced speed.
- Vinyl labels are supported for occasional use only and must be tested for acceptability. Some vinyl labels may feed more reliably from the multipurpose feeder.

Supported paper weights

Standard 250-sheet tray	Manual feeder	Optional 650-sheet duo tray		Optional 550-sheet tray	Two-sided printing
		550-sheet tray	Multipurpose feeder		
60–218 g/m ² (16–58-lb bond)	60–218 g/m ² (16–58-lb bond)	60–176 g/m ² (16–47-lb bond)	60–176 g/m ² (16–47-lb bond)	60–176 g/m ² (16–47-lb bond)	60–105 g/m ² (16–28-lb bond)

Notes

- Your printer model may have a 650-sheet duo tray, which consists of a 550-sheet tray and an integrated 100-sheet multipurpose feeder. The 550-sheet tray of the 650-sheet duo tray supports the same paper types as the 550-sheet tray. The integrated multipurpose feeder supports different paper sizes, types, and weights.
- For 60 to 176 g/m² (16–47-lb bond) paper, grain long fibers are recommended.
- Paper less than 75 g/m² (20-lb bond) must be printed with Paper Type set to Light Paper. Failure to do so may cause excessive curl which can lead to feeding errors, especially in more humid environments.

Set up, install, and configure

Selecting a location for the printer

- Leave enough room to open trays, covers, and doors and to install hardware options.
- Set up the printer near an electrical outlet.



CAUTION—POTENTIAL INJURY

To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.



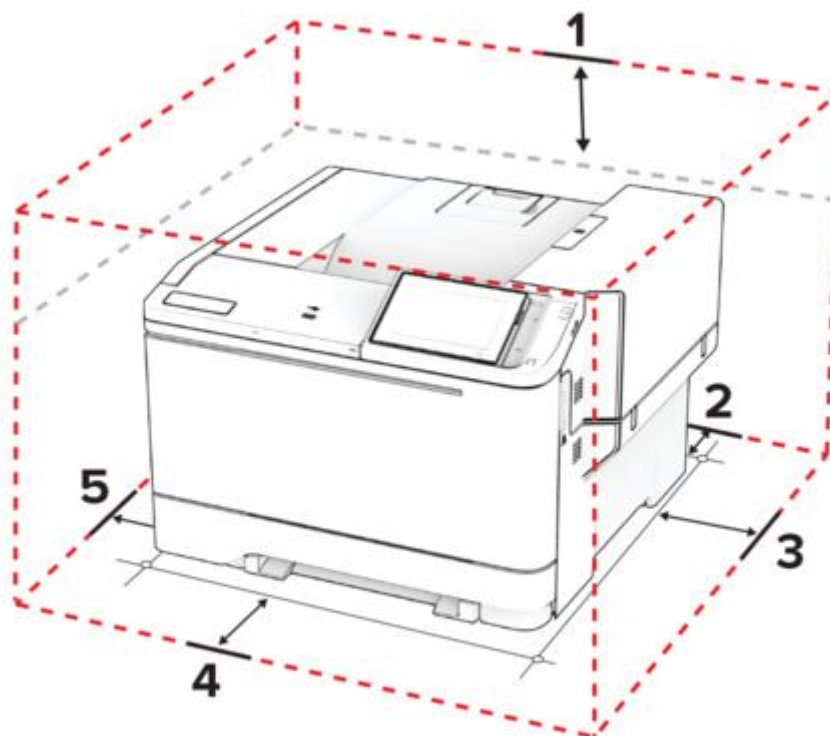
CAUTION—SHOCK HAZARD

To avoid the risk of electrical shock, do not place or use this product near water or wet locations.

- Make sure that airflow in the room meets the latest revision of the ASHRAE 62 standard or the CEN Technical Committee 156 standard.
- Provide a flat, sturdy, and stable surface.
- Keep the printer:
 - Clean, dry, and free of dust.
 - Away from stray staples and paper clips.
 - Away from the direct airflow of air conditioners, heaters, or ventilators.
 - Free from direct sunlight and humidity extremes.
- Observe the recommended temperatures and avoid fluctuations:

Ambient temperature	10 to 32.2°C (50 to 90°F)
Storage temperature	15.6 to 32.2°C (60 to 90°F)

- Allow the following recommended amount of space around the printer for proper ventilation:



1	Top	254 mm (10 in.)
2	Rear	102 mm (4 in.)
3	Right side	76 mm (3 in.)
4	Front	508 mm (20 in.)
Note: The minimum space needed in front of the printer is 75 mm (3 in.)		
5	Left side	76 mm (3 in.)

Attaching cables



CAUTION—SHOCK HAZARD

To avoid the risk of electrical shock, do not set up this product or make any electrical or cabling connections, such as the power cord, fax feature, or telephone, during a lightning storm.



CAUTION—POTENTIAL INJURY

To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

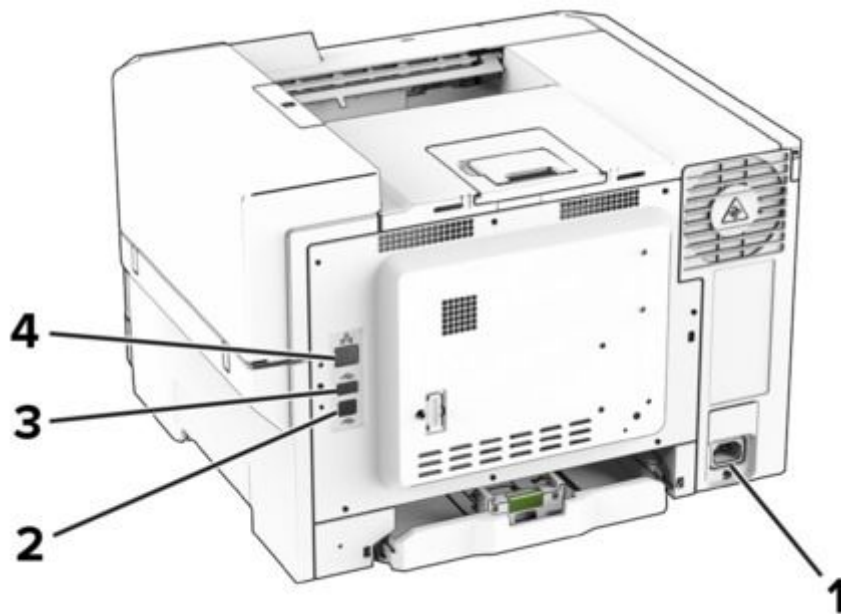


CAUTION—POTENTIAL INJURY

To avoid the risk of fire or electrical shock, use only the power cord provided with this product or the manufacturer's authorized replacement.

Warning—Potential Damage

To avoid loss of data or printer malfunction, do not touch the USB cable, any wireless network adapter, or the printer in the areas shown while actively printing.

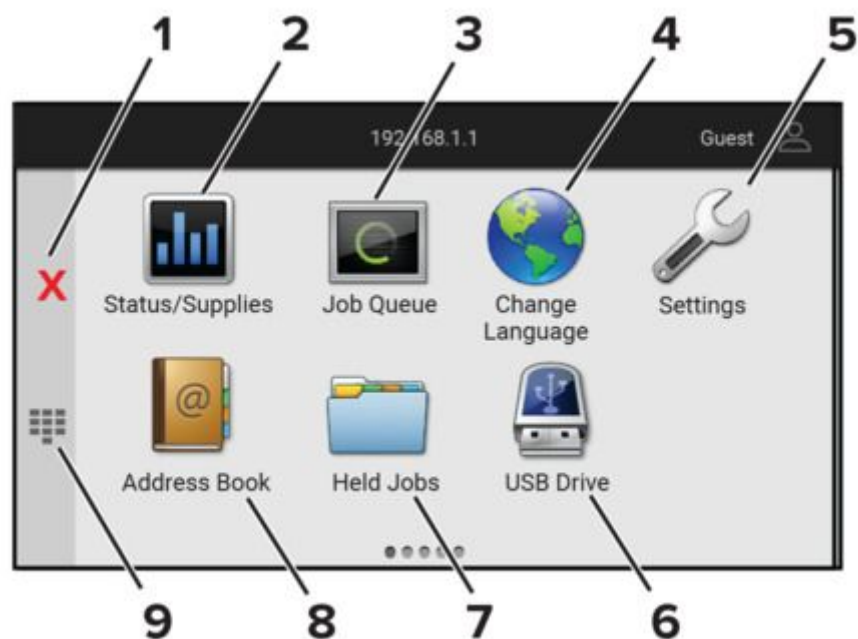


	Printer port	Function
1	Power cord socket	Connect the printer to a properly grounded electrical outlet.
2	USB printer port	Connect the printer to a computer.
3	USB port	Attach a keyboard or any compatible option.
4	Ethernet port	Connect the printer to a network.

Setting up and using the home screen applications

Using the home screen

Note: Your home screen may vary depending on your home screen customization settings, administrative setup, and active embedded solutions.



	Icon	Function
1	Stop or Cancel button	Stop the current printer task.
2	Status/Supplies	• Show a warning or error message whenever the printer requires intervention to continue processing. • View more information on the printer warning or message and how to clear it. Note: You can also access this setting by touching the top section of the home screen.
3	Job Queue	Show all the current print jobs. Note: You can also access this setting by touching the top section of the home screen.
4	Change Language	Change the language on the display.
5	Settings	Access the printer menus.

	Icon	Function
6	USB Drive	Print photos and documents from a flash drive.
7	Held Jobs	Show the print jobs that are held in the printer memory.
8	Address Book	Manage a contact list that other applications on the printer can access.
9	On-screen keypad	Enter numbers or symbols in an input field.

Customizing the home screen

1. Open a web browser, and then type the printer IP address in the address field.

Notes

- You can find the IP address at the top of the printer display.
- Make sure that the printer and computer are connected to the same network.

2. Click **Settings** > **Device** > **Home Screen Customization**.

3. Do one or more of the following:

- To add an icon to the home screen, click , select the app name, and then click **Add**.
- To remove a home screen icon, select the app name, and then click **Remove**.
- To customize an app name, select the app name, click **Edit**, and then assign a name.
- To restore the name of an app, select the app name, click **Edit**, and then select **Restore app label**.
- To add a space between apps, click , select **BLANK SPACE**, and then click **Add**.
- To arrange the apps, select an application, and then drag and drop it to the intended page.
- To restore the default home screen, click **Restore home screen**, and then click **Restore** to confirm.

4. Apply the changes.

Supported applications

Application	Printer models
Display Customization	C2335, CS531, CS632, CS639
Customer Support	C2335
Device Quotas	C2335

Using Display Customization

Note: Make sure that the **Screen Saver**, **Slideshow**, and **Wallpaper** settings are enabled from the Embedded Web Server. Navigate to **Apps > Display Customization > Configure**.

Managing screen saver and slide show images

1. In the **Screen Saver and Slideshow Images** section, add, edit, or delete an image.

Notes

- You can add up to 10 images.
- When enabled, the status icons appear on the screen saver only when there are errors, warnings, or cloud-based notifications.

2. Apply the changes.

Changing the wallpaper image

1. From the control panel, select **Change Wallpaper**.
2. Select an image to use.
3. Apply the changes.

Running a slide show from a flash drive

1. Insert a flash drive into the front USB port.
2. From the control panel, select **Slideshow**.

Note

You can remove the flash drive after the slide show starts, but the images are not stored in the printer. If the slide show stops, then insert the flash drive again to view the images.

Using Customer Support

Notes

- This application is supported only in some printer models. For more information, see [Supported applications on page 28](#).
- For information on how to configure the application settings, see the *Customer Support Administrator's Guide*.

1. From the home screen, touch **Customer Support**.
2. Print or email the information.

Setting up Device Quotas

Notes

- This application is supported only in some printer models. For more information, see [Supported applications on page 28](#).
- For information on how to configure the application settings, see the *Device Quotas Administrator's Guide*.

1. Open a web browser, and then type the printer IP address in the address field.

Notes

- You can find the IP address at the top of the printer display.
- Make sure that the printer and computer are connected to the same network.

2. Click **Apps > Device Quotas > Configure**.
3. In the User Accounts section, add or edit a user, and then set the user quota.
4. Apply the changes.

Managing bookmarks

Configuring Bookmarks

Creating bookmarks

1. Open a web browser, and then type the printer IP address in the address field.

Notes

- You can find the IP address at the top of the printer display.
- Make sure that the printer and computer are connected to the same network.

2. Click **Bookmarks > Add Bookmark**, and then type a bookmark name.
3. Select an **Address** protocol type, and then do one of the following:
 - For HTTP and HTTPS, type the URL that you want to bookmark.
 - For HTTPS, make sure to use the host name instead of the IP address. For example, type myWebsite.com/sample.pdf instead of typing 123.123.123.123/sample.pdf. Make sure that the host name also matches the Common Name (CN) value in the server certificate. For more information on obtaining the CN value in the server certificate, see the help information for your web browser.
 - For FTP, type the FTP address. For example, myServer/myDirectory. Enter the FTP port number. Port 21 is the default port for sending commands.
 - For SMB, type the network folder address. For example, myServer/myShare/myFile.pdf. Type the network domain name.

- If necessary, select the **Authentication** type for FTP and SMB.

Notes

- The application supports the following file types: PDF, JPEG, and TIFF. Other file types such as DOCX and XLSX are supported in certain printer models.
- To limit access to the bookmark, enter a PIN.

4. Click **Save**.

Creating folders

1. Open a web browser, and then type the printer IP address in the address field.

Notes

- You can find the IP address at the top of the printer display.
- Make sure that the printer and computer are connected to the same network.

2. Navigate to **Bookmarks > Add Folder**, and then type a folder name.

Note: To limit access to the folder, enter a PIN.

3. Click **Save**.

Configuring Address Book

Adding contacts

1. Open a web browser, and then type the printer IP address in the address field.

Notes

- You can find the IP address at the top of the printer display.
- Make sure that the printer and computer are connected to the same network.

2. Click **Address Book**, and then click **Add Contact**.
3. If necessary, specify a login method to allow application access.
4. Click **Save**.

Adding groups

1. Open a web browser, and then type the printer IP address in the address field.

Notes

- You can find the IP address at the top of the printer display.
- Make sure that the printer and computer are connected to the same network.

2. Click **Address Book**, and then click **Add Group**.
3. Type a group name, and then type the contacts you want to add to the group.

Note: You can assign one or more contacts to the group.

4. Click **Save**.

Setting up and using the accessibility features

Activating Voice Guidance

From the home screen

1. In one motion and using one finger, slowly swipe left then up on the display until you hear a voice message.
2. Using two fingers, select **OK**.

Note: If the gesture does not work, then apply more pressure.

From the keyboard

Note: You need a physical keyboard connected to your printer to do this task.

1. Press and hold the **5** key until you hear a voice message.
2. Press **Tab** to navigate the focus cursor to the OK button, and then press **Enter**.

Notes

- When Voice Guidance is activated, always use two fingers to select any item on the display.
- Voice Guidance has limited language support.

Deactivating Voice Guidance

1. In one motion and using one finger, slowly swipe left then up on the display until you hear a voice message.
2. Using two fingers, do either of the following:
 - Tap **Voice Guidance**, and then select **OK**.
 - Select **Cancel**.

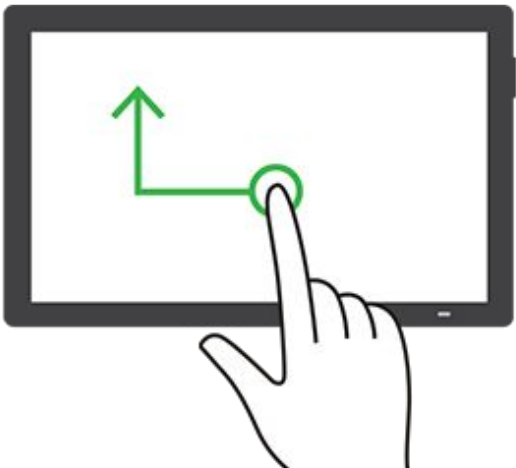
Note: If the gesture does not work, then apply more pressure.

Pressing the power button or putting the printer in Sleep or Hibernate mode also deactivates Voice Guidance.

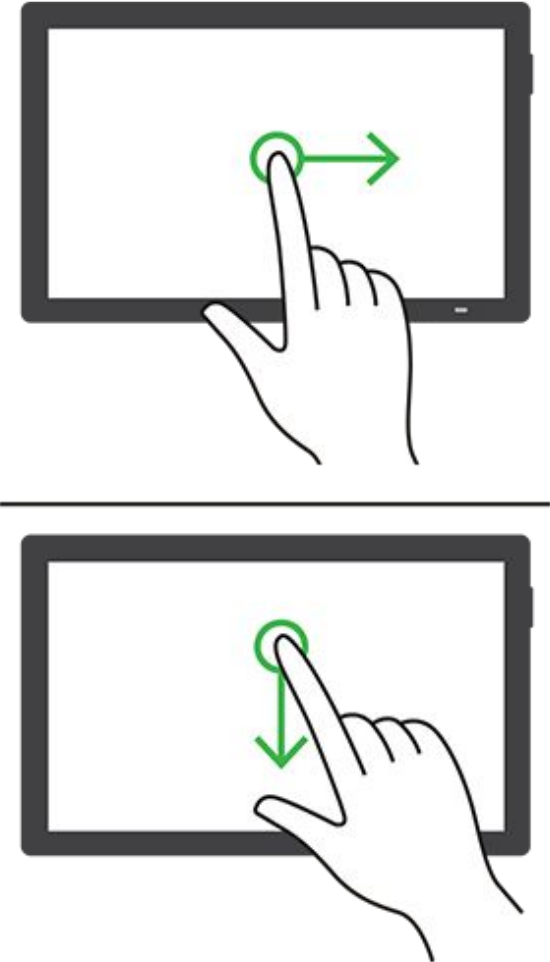
Navigating the screen using gestures

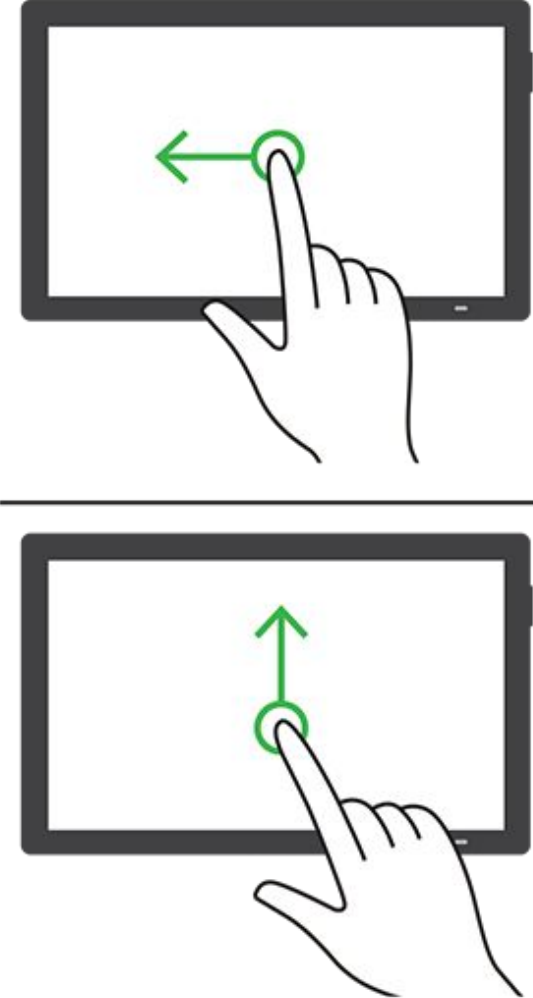
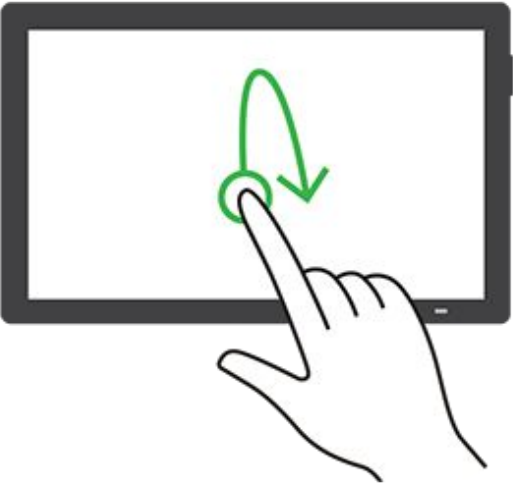
Notes

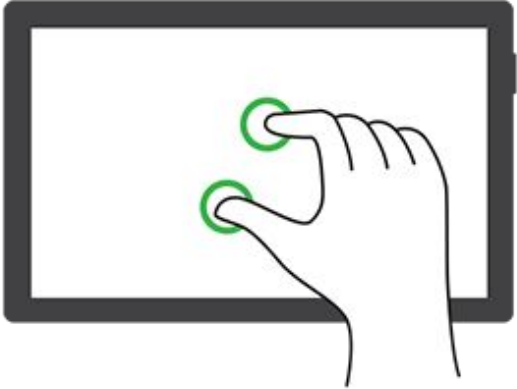
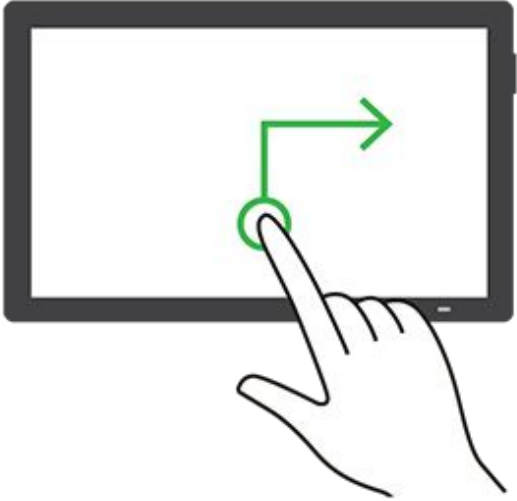
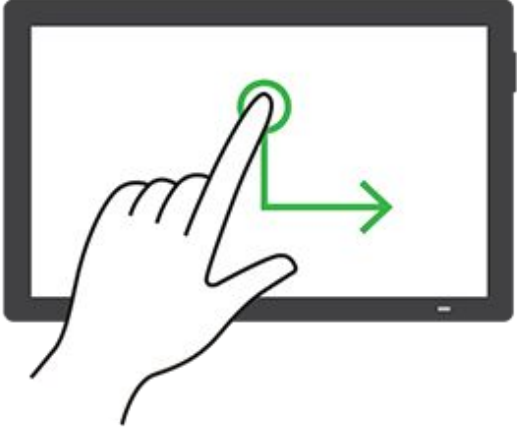
- Most of the gestures are applicable only when Voice Guidance is activated.
- Use a physical keyboard to type characters and adjust certain settings.

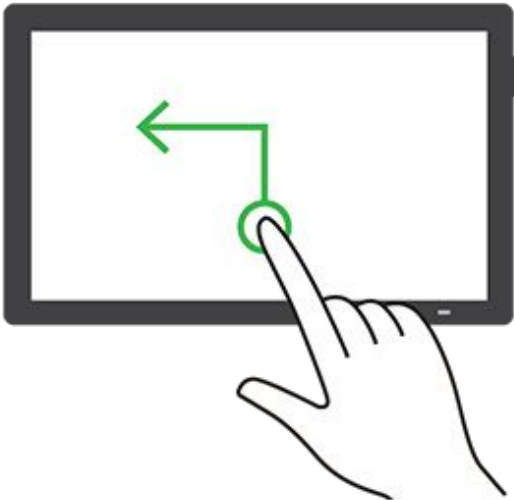
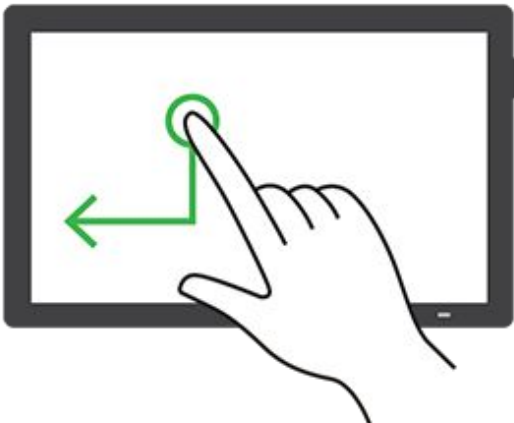
Gesture	Function
Swipe left then up using one finger 	Launch or exit Accessibility mode. Note: This gesture is also applicable when the printer is in normal mode.
Double-tap using one finger 	Select an option or item on the screen.

Gesture	Function
Double-tap the home icon using two fingers 	Deactivate the Accessibility mode.
Triple-tap using one finger 	Zoom in or zoom out text and images. Note: Enable Magnification mode to use the zoom feature.

Gesture	Function
Swipe right or swipe down using one finger  The diagram illustrates two gestures on a tablet screen. The top part shows a hand with the index finger touching the screen, with a green circle at the point of contact and a green arrow pointing to the right. The bottom part shows a hand with the index finger touching the screen, with a green circle at the point of contact and a green arrow pointing downwards. A horizontal line separates the two illustrations.	Move to the next item on the screen.

Gesture	Function
Swipe left or swipe up using one finger 	Move to the previous item on the screen.
Swipe up then down using one finger 	Move to the first item on the screen.

Gesture	Function
Pan 	Access parts of the zoomed image that are beyond the limit of the screen. Notes • Use two fingers to drag a zoomed image. • Enable Magnification mode to use the pan gesture.
Swipe up then right using one finger 	Increase the volume. Note: This gesture is also applicable when the printer is in normal mode.
Swipe down then right using one finger 	Decrease the volume. Note: This gesture is also applicable when the printer is in normal mode.

Gesture	Function
Swipe up then left using one finger 	Exit an application and return to the home screen.
Swipe down then left using one finger 	Go back to the previous setting.

Using the on-screen keyboard

When the on-screen keyboard appears, do one or more of the following:

- Touch a key to announce and type the character in the field.
- Drag a finger across different characters to announce and type the character in the field.
- Touch a text box using two fingers to announce the characters in the field.
- Touch **Backspace** to delete characters.

Enabling Magnification mode

1. In one motion and using one finger, slowly swipe left then up on the display until you hear a voice message.

Note: For printer models without built-in speakers, use headphones to hear the message.

2. Using two fingers, do the following:

Note: If the gesture does not work, then apply more pressure.

- a. Touch **Magnification mode**.
- b. Touch **OK**.

Note: If the gesture does not work, then apply more pressure.

For more information on navigating a magnified screen, see [Navigating the screen using gestures on page 33](#).

Loading paper and specialty media

Setting the paper size and type

1. From the control panel, navigate to **Settings** > **Paper** > **Tray Configuration** > **Paper Size/Type**.
2. Select a paper source.
3. Set the paper size and type.

Setting the paper weight and texture

1. From the control panel, navigate to **Settings** > **Paper** > **Media Configuration** > **Media Type Setup**.
2. Select the paper type, and then adjust the **Weight** and **Texture** settings.

Note: Check the ream packaging to confirm the weight of the paper loaded.

Use the following table for reference. The table lists the recommended settings for paper weight, texture, and other print parameters.

Note: Paper type and paper weight support vary by printer model. For more information, see and .

	Printer settings				
Paper weight specs	Paper type	Paper weight	Paper texture	Fuser temperature	Toner transfer setting
60–74 gsm (16–20-lb bond)	Plain paper	Light	Smooth	Light paper low	Light weight, Copy/Office

	Printer settings				
Paper weight specs	Paper type	Paper weight	Paper texture	Fuser temperature	Toner transfer setting
60–74 gsm (16–20-lb bond)	Plain paper	Light	Normal	Light paper normal	Light weight, Copy/Office
60–74 gsm (16–20-lb bond)	Plain paper	Light	Rough	Light paper high	Light weight, Copy/Office
74–90 gsm (20–24-lb bond)	Plain paper	Normal	Smooth	Plain paper low	Normal weight, Copy/Office
74–90 gsm (20–24-lb bond)	Plain paper	Normal	Normal	Plain paper normal	Normal weight, Copy/Office
74–90 gsm (20–24-lb bond)	Plain paper	Normal	Rough	Plain paper high	Normal weight, Copy/Office
90–120 gsm (24–32-lb bond)	Plain paper	Heavy	Smooth	Heavy paper low	Heavyweight , Premium
90–120 gsm (24–32-lb bond)	Plain paper	Heavy	Normal	Heavy paper normal	Heavyweight , Premium
90–120 gsm (24–32-lb bond)	Plain Paper	Heavy	Rough	Heavy paper high	Heavyweight , Premium
60–74 gsm Cotton (16–20-lb bond)	Rough cotton	Light	Rough	Heavy paper normal	Up to 25% cotton
74–90 gsm Cotton (20–24-lb bond)	Rough cotton	Normal	Rough	Heavy paper normal	Up to 25% cotton
90–120 gsm Cotton (24–32-lb bond)	Rough cotton	Heavy	Rough	Heavy paper normal	100% cotton
105–165 gsm Coated (39–60-lb cover)	Glossy	Light	Smooth	Light paper normal	High gloss/ Glossy
105–165 gsm Coated (39–60-lb cover)	Glossy	Light	Normal	Light paper normal	High gloss/ Glossy

	Printer settings				
Paper weight specs	Paper type	Paper weight	Paper texture	Fuser temperature	Toner transfer setting
105–165 gsm Coated (39–60-lb cover)	Glossy	Light	Rough	Light paper normal	High gloss/ Glossy
165–220 gsm Coated (60–80-lb cover)	Glossy	Normal	Smooth	Light paper high	High gloss/ Glossy
165–220 gsm Coated (60–80-lb cover)	Glossy	Normal	Normal	Light paper high	High gloss/ Glossy
165–220 gsm Coated (60–80-lb cover)	Glossy	Normal	Rough	Light paper high	High gloss/ Glossy
220–300 gsm Coated (80–110-lb cover)	Glossy	Heavy	Smooth	Heavy paper high	High gloss/ Glossy
220–300 gsm Coated (80–110-lb cover)	Glossy	Heavy	Normal	Heavy paper high	High gloss/ Glossy
220–300 gsm Coated (80–110-lb cover)	Glossy	Heavy	Rough	Heavy paper high	High gloss/ Glossy
120–160 gsm (66–90-lb index)	Card stock	Light	Smooth	Heavy paper low	Card Stock
120–160 gsm (66–90-lb index)	Card stock	Light	Normal	Heavy paper low	Card stock
120–160 gsm (66–90-lb index)	Card stock	Light	Rough	Heavy paper low	Card stock
160–220 gsm (90–120-lb index)	Card stock	Normal	Smooth	Heavy paper normal	Card stock

	Printer settings				
Paper weight specs	Paper type	Paper weight	Paper texture	Fuser temperature	Toner transfer setting
160–220 gsm (90–120-lb index)	Card stock	Normal	Normal	Heavy paper normal	Card stock
160–220 gsm (90–120-lb index)	Card stock	Normal	Rough	Heavy paper normal	Card stock
220–300 gsm (120–166-lb index)	Card stock	Heavy	Smooth	Heavy paper high	Card stock
220–300 gsm (120–166-lb index)	Card stock	Heavy	Normal	Heavy paper high	Card stock
220–300 gsm (120–166-lb index)	Card stock	Heavy	Rough	Heavy paper high	Card stock
80–130 gsm	Label	Light	Smooth	Heavy paper low	Paper label
80–130 gsm	Label	Light	Normal	Heavy paper low	Paper label
80–130 gsm	Label	Light	Rough	Heavy paper low	Paper label
130–180 gsm	Label	Normal	Smooth	Heavy paper normal	Paper label
130–180 gsm	Label	Normal	Normal	Heavy paper normal	Paper label
130–180 gsm	Label	Normal	Rough	Heavy paper normal	Paper label
180–230 gsm	Label	Heavy	Smooth	Heavy paper high	Paper label
180–230 gsm	Label	Heavy	Normal	Heavy paper high	Paper label
180–230 gsm	Label	Heavy	Rough	Heavy paper high	Paper label
160–180 gsm	Vinyl Label	Light	Smooth	Heavy paper low	Vinyl label

	Printer settings				
Paper weight specs	Paper type	Paper weight	Paper texture	Fuser temperature	Toner transfer setting
160–180 gsm	Vinyl Label	Light	Normal	Heavy paper low	Vinyl label
160–180 gsm	Vinyl Label	Light	Rough	Heavy paper low	Vinyl label
180–220 gsm	Vinyl Label	Normal	Smooth	Heavy paper normal	Vinyl label
180–220 gsm	Vinyl Label	Normal	Normal	Heavy paper normal	Vinyl label
180–220 gsm	Vinyl Label	Normal	Rough	Heavy paper normal	Vinyl label
220–300 gsm	Vinyl Label	Heavy	Smooth	Heavy paper high	Vinyl label
220–300 gsm	Vinyl Label	Heavy	Normal	Heavy paper high	Vinyl label
220–300 gsm	Vinyl Label	Heavy	Rough	Heavy paper high	Vinyl label
52–75 gsm (14-lb bond)	Envelope	Light	Smooth	Plain paper low	Envelope
52–75 gsm (14-lb bond)	Envelope	Light	Normal	Plain paper low	Envelope
52–75 gsm (14-lb bond)	Envelope	Light	Rough	Plain paper low	Envelope
75–90 gsm (20-lb bond)	Envelope	Normal	Smooth	Heavy paper low	Envelope
75–90 gsm (20-lb bond)	Envelope	Normal	Normal	Heavy paper low	Envelope
75–90 gsm (20-lb bond)	Envelope	Normal	Rough	Heavy paper low	Envelope
> 90 gsm (24-lb bond)	Envelope	Heavy	Smooth	Heavy paper normal	Envelope
> 90 gsm (24-lb bond)	Envelope	Heavy	Normal	Heavy paper normal	Envelope
> 90 gsm (24-lb bond)	Envelope	Heavy	Rough	Heavy paper normal	Envelope

Notes

- Light Paper uses the same transfer and fuser settings as Plain Paper–Light, based on the selected texture.
- Letterhead, Preprinted, Colored Paper, Bond, and Recycled use the same transfer and fuser settings as Plain Paper–Normal, based on the selected texture.
- Heavy Paper has the same transfer and fuser settings as Plain Paper–Heavy, based on the selected texture.
- Toner transfer is the process of placing the toner on the paper.
- Fusing is the process of melting and fixing the toner to the paper.

Configuring Universal paper settings

The **Universal Setup** menu lets you set the width and height of a paper size that is not preset in the printer.

1. From the control panel, navigate to **Settings** › **Paper** › **Media Configuration** › **Universal Setup**.
2. Select **All Input Trays**, and then configure the settings for the paper size that you want to customize.

Loading trays

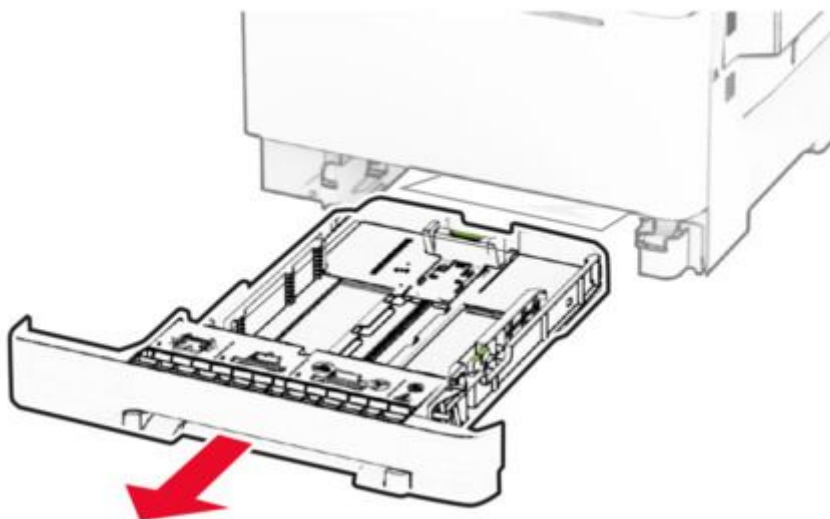


CAUTION—TIPPING HAZARD

To reduce the risk of equipment instability, load each tray separately. Keep all other trays closed until needed.

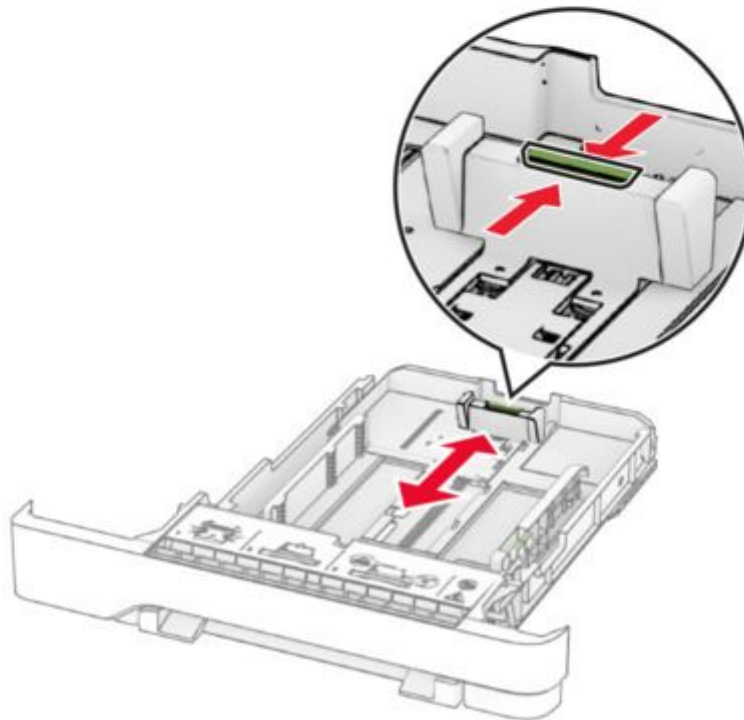
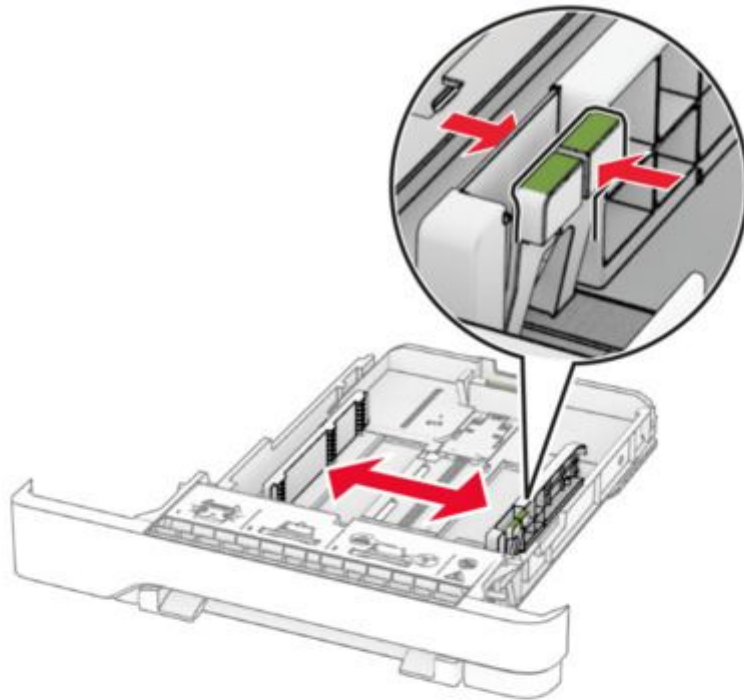
1. Remove the tray.

Note: To avoid jams, do not remove trays while the printer is busy.

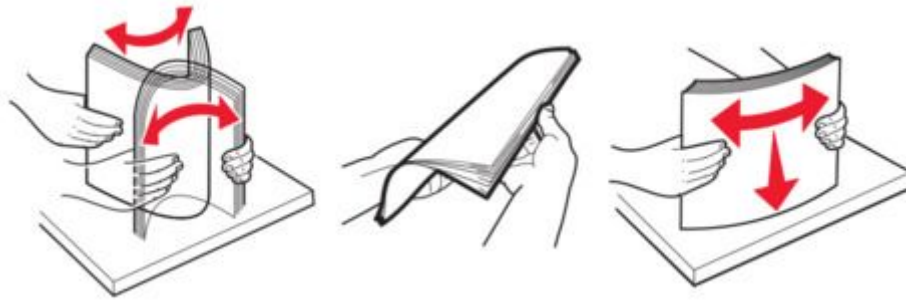


2. Adjust the guides to match the size of the paper that you are loading.

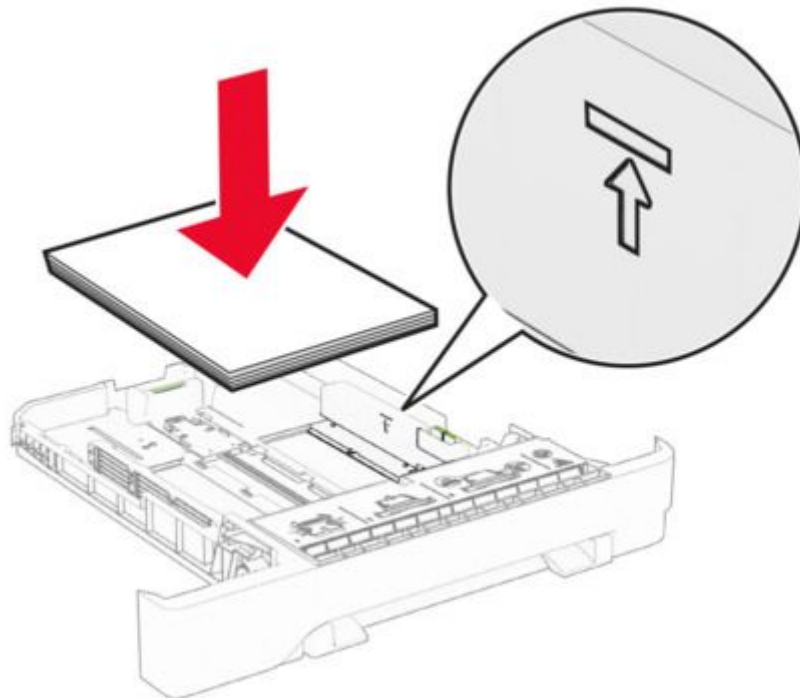
Note: Use the indicators on the bottom of the tray to position the guides.



3. Flex, fan, and align the paper edges before loading.



4. Load the paper stack with the printable side faceup.
 - For one-sided printing, load letterhead faceup with the header toward the front of the tray.
 - For two-sided printing, load letterhead facedown with the header toward the back of the tray.
 - Do not slide paper into the tray.
 - Make sure that the stack height is below the maximum paper fill indicator. Overfilling may cause paper jams.



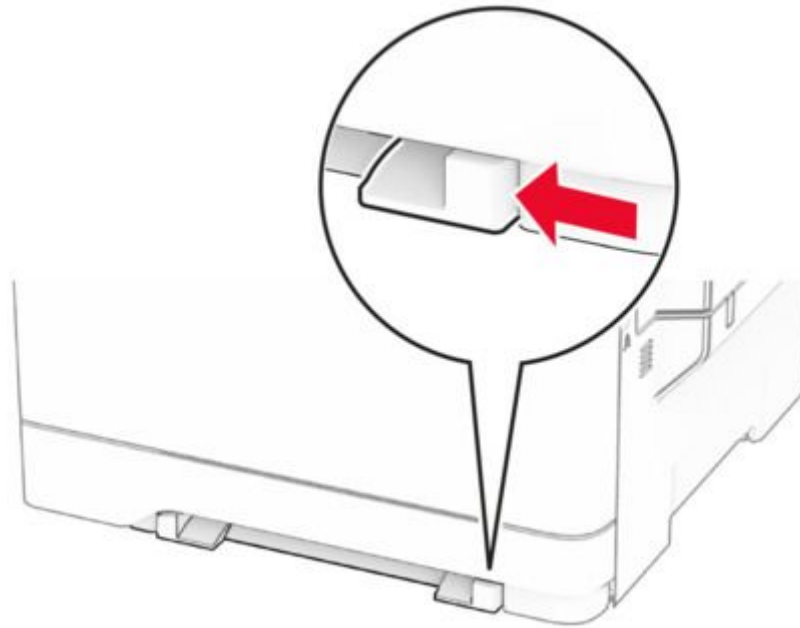
5. Insert the tray.

If necessary, set the paper size and type to match the paper loaded in the tray.

Loading the manual feeder

1. Adjust the edge guides to match the width of the paper that you are loading.

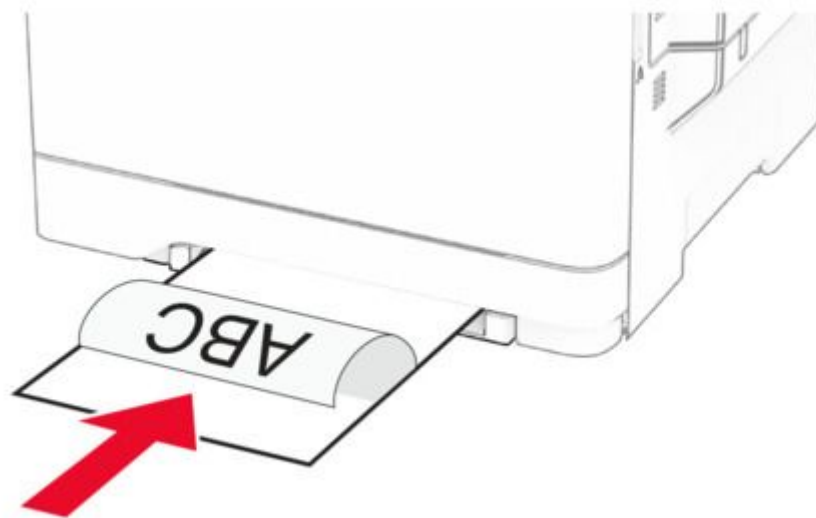
Note: Make sure that the guides fit snugly against the paper, but not too tight as to cause the paper to buckle.



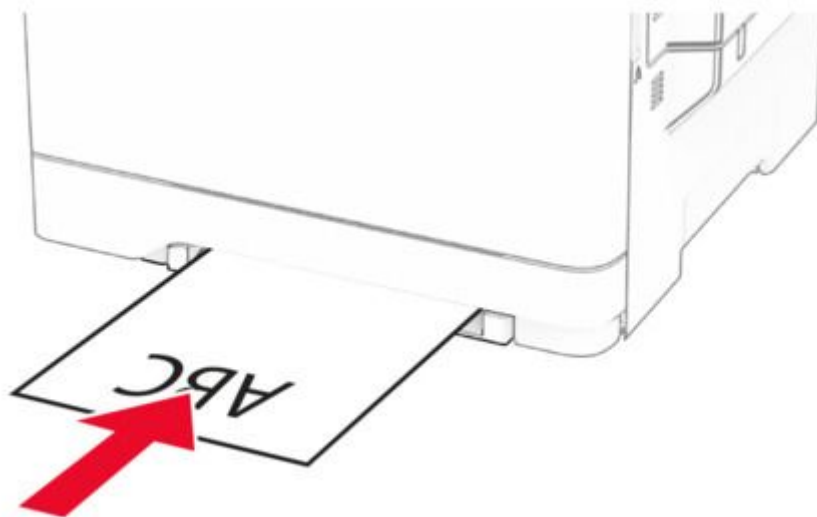
2. Load a sheet of paper with the printable side facedown.

Note: Make sure that the paper is loaded straight to avoid skewed or crooked print.

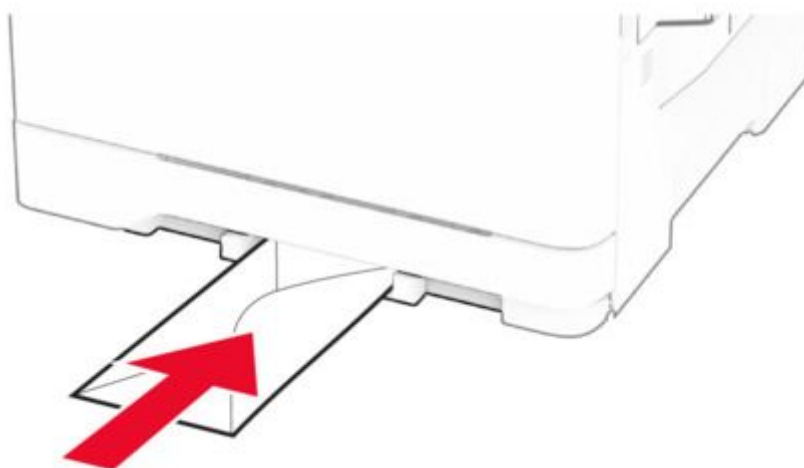
- For one-sided printing, load letterhead with the printable side facedown and the top edge entering the printer first.



- For two-sided printing, load letterhead with the printable side faceup and the top edge entering the printer last.



- Load envelope with the flap side up and against the right side of the paper guide.



3. Feed the paper until its leading edge gets pulled in.

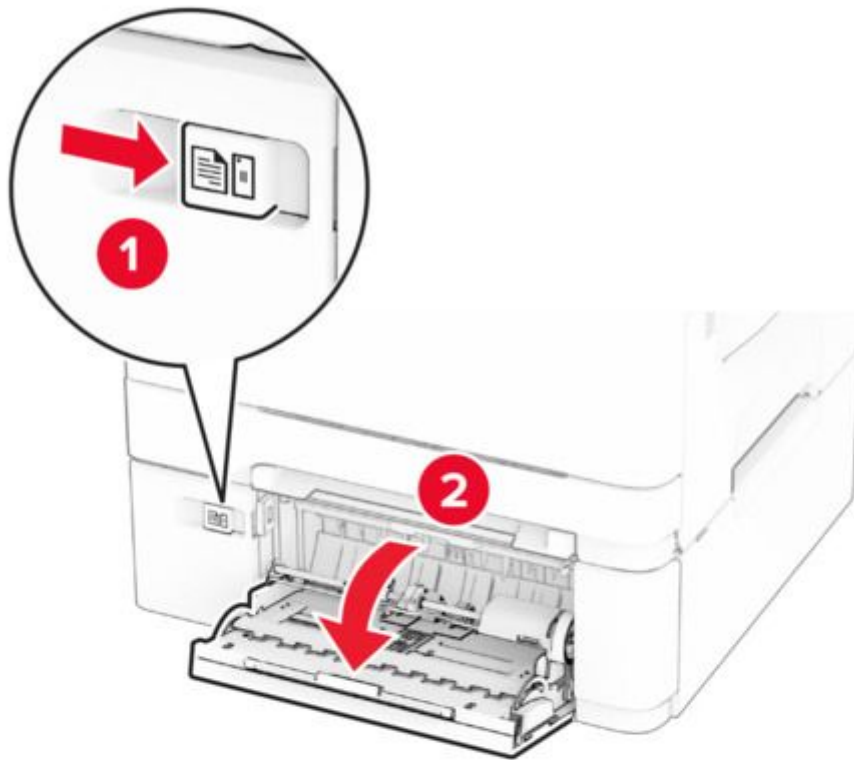
Warning—Potential Damage

To avoid paper jams, do not force paper into the manual feeder.

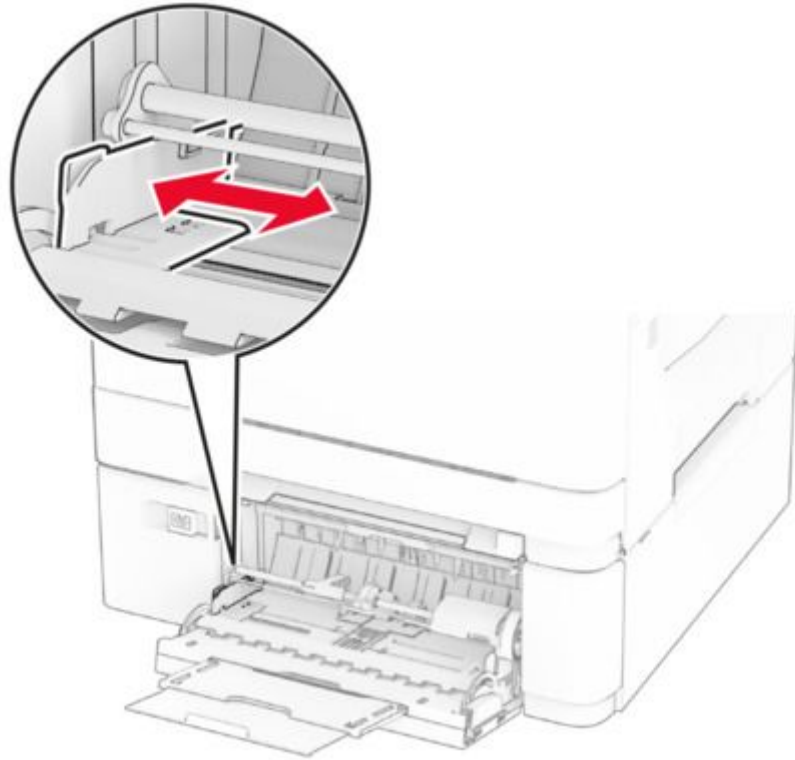
Loading the multipurpose feeder

Note: The multipurpose feeder is available only if the optional 650-sheet duo tray is installed.

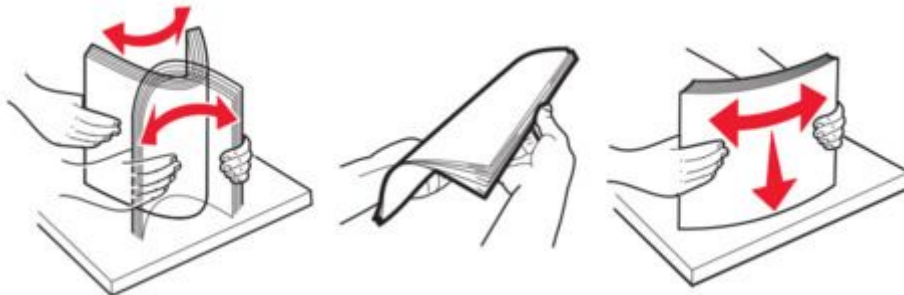
1. Open the multipurpose feeder.



2. Adjust the guide to match the size of the paper that you are loading.



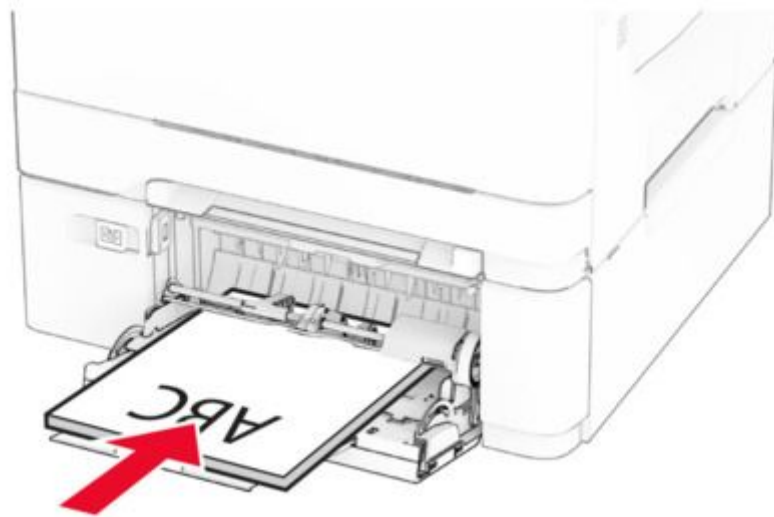
3. Flex, fan, and align the paper edges before loading.



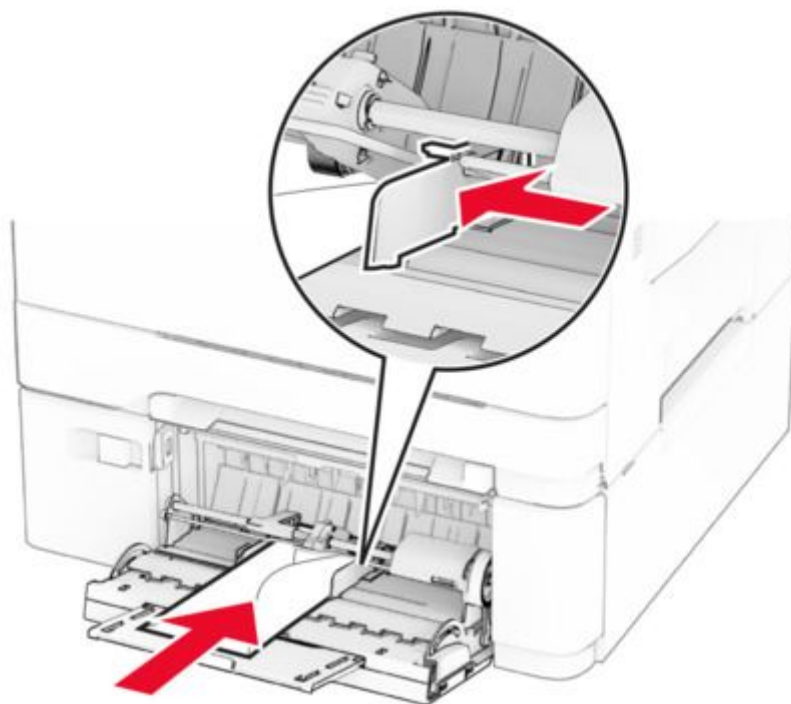
4. Load the paper.
 - For one-sided printing, load letterhead with the printable side facedown and the top edge entering the printer first.



- For two-sided printing, load letterhead with the printable side faceup and the top edge entering the printer last.



- Load envelopes with the flap side up and against the right side of the paper guide.



Warning—Potential Damage

Do not use envelopes with stamps, clasps, snaps, windows, coated linings, or self-stick adhesives.

5. From the Paper menu in the control panel, set the paper size and type to match the paper loaded in the multipurpose feeder.

Linking trays

1. From the control panel, navigate to **Settings** › **Paper** › **Tray Configuration** › **Paper Size/Type**.
2. Select the trays that you want to link, and then set the paper size and paper type.

Notes

- Make sure the trays are loaded with the same paper size and paper type.
- Make sure the paper in each tray is loaded in the same direction.

3. Return to the control panel, and then navigate to **Settings** › **Device** › **Maintenance** › **Configuration Menu** › **Tray Configuration**.
4. Set **Tray Linking** to **Automatic**.

To unlink the trays, make sure that no trays have the same paper size and paper type settings.

Warning—Potential Damage

The temperature of the fuser varies according to the specified paper type. To avoid printing issues, match the paper type setting in the printer with the paper loaded in the tray.

Installing and updating software, drivers, and firmware

Installing the printer software

Installing printer software lets your printer communicate with your computer. It enables full functionality, ensures compatibility with your operating system, and simplifies network or wireless setup. Installing the printer software also installs the print, scan, and fax drivers.

Note: Depending on your operating system, you may use the Microsoft IPP Class Driver or AirPrint to connect the printer to your computer. For more information, go to the Microsoft or Apple support site.

Before you begin, make sure that:

- For network printers, the printer and computer are connected to the same network. Write down the printer IP address that appears at the top of the printer display.
- For local printers, the printer is connected to the computer with a USB cable.

1. Go to <https://support.lexmark.com>, and then click **Drivers & downloads**.
2. In the **Search by Device Model** field, type the printer model, and then click **Find Drivers & Downloads**.
3. In the **Recommended Driver** section, click **Download Driver Package**.

Note: If your computer runs on the Linux operating system, then select a driver from the **Additional downloads compatible with [printer model]** section.

4. Click **Start Download**.
5. Run the installer, and then follow the on-screen instructions.

Adding printers to a computer

Before you begin, do one of the following:

- Connect the printer and the computer to the same network, either Wi-Fi or Ethernet. For more information on connecting the printer to a Wi-Fi network, see [Connecting the printer to a Wi-Fi network on page 72](#).
- Enable the **Wi-Fi Direct** setting. From the control panel, navigate to **Settings > Network/Ports > Wi-Fi Direct > Enable Wi-Fi Direct**.
- Connect the printer to the computer using a USB cable. For more information on the location of the printer USB port, see [Attaching cables on page 25](#).

For Windows users

1. Install the print driver on the computer. For more information, see [Installing the printer software on page 53](#).
2. Open **Printers & scanners**.
3. Click **Add device**, and then select the printer that you want to add.

If the printer that you want to add does not appear on the list, then do either of the following:

- For Wi-Fi Direct enabled printers, click **Show Wi-Fi Direct printers**, select a printer, click **Add device**, and then follow the on-screen instructions.
- For Ethernet-connected printers, click **Add a new device manually**, and then from the **Add Printer** window, do the following:
 - a. Select **Add a printer using an IP address or hostname**, and then click **Next**.
 - b. In the **Device type** field, select **TCP/IP Device**.
 - c. In the **Hostname or IP address** field, type the printer IP address, and then click **Next**.

Notes

- You can find the IP address at the top of the printer display.
- Make sure that the printer and computer are connected to the same network.

- d. Select a print driver, and then click **Next**.
- e. Select **Use the driver that is currently installed (recommended)**, and then click **Next**.
- f. Type a printer name, and then click **Next**.
- g. Click **Finish**.

For Macintosh users

1. Open **Printers & Scanners**.
2. Click **Add Printer, Scanner, or Fax**, and then select a printer.

Notes

- If you want custom printing features, then install the Lexmark print driver. For more information, see [Installing the printer software on page 53](#).
- If the Lexmark print driver is already installed, then do the following:
 - a. In the **Use** menu, choose **Select Software**, and then choose the Lexmark print driver.
 - b. Click **OK**.

3. Click **Add**.

Note: Depending on your printer model, a dialog may appear asking you to add a Fax printer.

Exporting a configuration file

Exporting a configuration file lets you save the current settings of your printer to a file, which you can use as a backup or apply to another printer.

1. Open a web browser, and then type the printer IP address in the address field.

Notes

- You can find the IP address at the top of the printer display.
- Make sure that the printer and computer are connected to the same network.

2. In the Embedded Web Server, click **Export Configuration**.
3. Select a configuration to export.

Note: Depending on the configuration that you selected, the files are exported in either ZIP or CSV format.

Importing a configuration file

Importing a configuration file lets you apply previously saved settings to your printer. This is useful when restoring a backup or setting up another printer with the same configuration.

1. Open a web browser, and then type the printer IP address in the address field.

Notes

- You can find the IP address at the top of the printer display.
- Make sure that the printer and computer are connected to the same network.

2. In the Embedded Web Server, click **Import Configuration**.
3. Browse to the location where the file is saved.

Note: Depending on the configuration that you selected, the files are saved in either ZIP or CSV format.

4. Click **Import**.

Adding available options in the print driver

For Windows users

1. Open **Printers & scanners**.
2. Select the printer that you want to update, and then do either of the following:
 - For Windows 7 or later, select **Printer properties**.
 - For earlier versions, select **Properties**.
3. Navigate to the **Configuration** tab, and then select **Update Now - Ask Printer**.
4. Click **Apply**, and then click **OK**.

For Macintosh users

1. Open **Printers & Scanners**.
2. Click **Add Printer, Scanner, or Fax**, and then select a printer.
3. Choose a print driver.
4. Apply the changes.

Printer firmware instructions

Checking the printer firmware version

Using the Embedded Web Server

1. Open a web browser, and then type the printer IP address in the address field.

Notes

- You can find the IP address at the top of the printer display.
- Make sure that the printer and computer are connected to the same network.

2. Click **Reports › Device › Device Information**.
3. Look for **Base**.

Note: The firmware version appears as sets of letters and numbers separated by periods. For example, ABCDE.123.123.

Using the control panel

1. From the control panel, navigate to **Settings › Device › About this Printer**.
2. Look for **Firmware Version**.

Note: The firmware version appears as sets of letters and numbers separated by periods. For example, ABCDE.123.123.

Downloading the printer firmware

Note: Download the firmware only if you plan to update it using the Embedded Web Server with a firmware flash file or a flash drive.

1. Go to www.lexmark.com/downloads, and then click **Drivers & downloads**.
2. In the **Search by Device Model** field, type the printer model, and then click **Find Drivers & Downloads**.
3. In the **Recommended Firmware** section, **Download Firmware Package**.
4. Accept the End-User License Agreement, and then click **Start Download**.

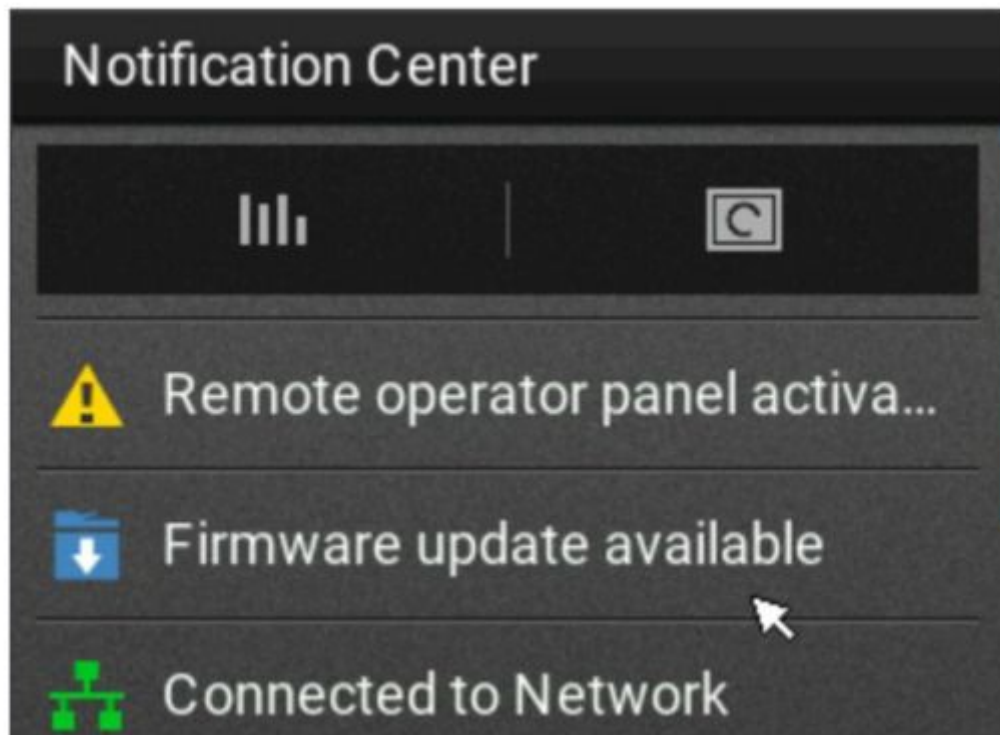
Updating firmware

Updating the firmware using the control panel

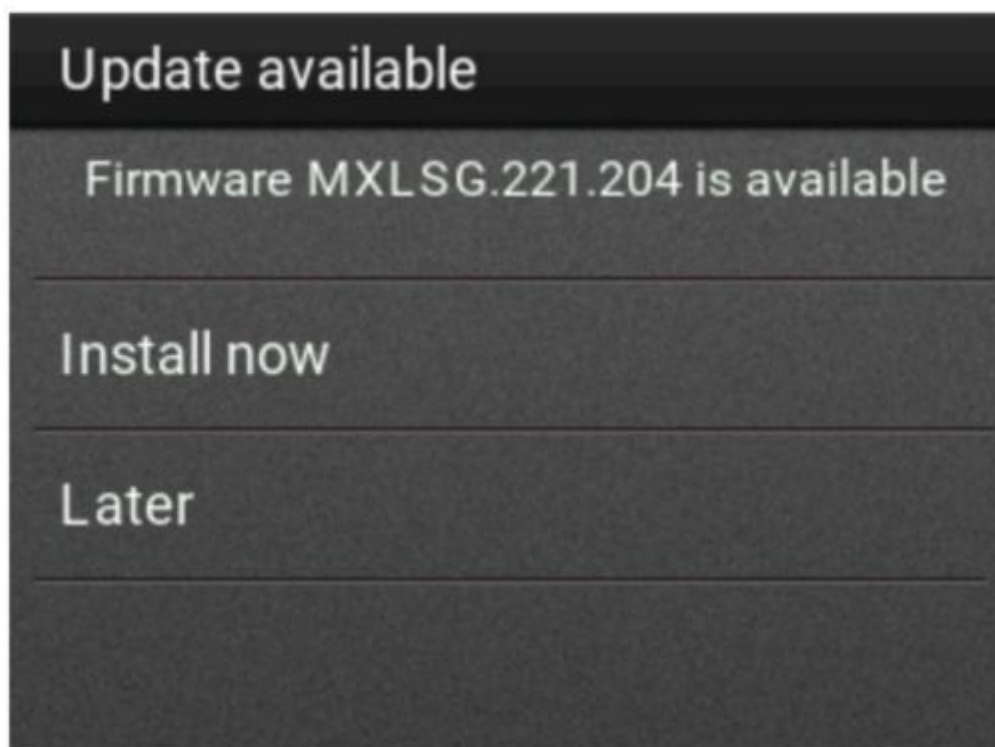
Keeping your printer firmware updated helps it run efficiently and securely. Firmware updates can improve performance, add new features, fix firmware or hardware issues, and enhance the security of your printer and network.

Using Notification Center

1. From the home screen, select the notification icon to go to the Notification Center screen.
2. Select **Firmware update available**.



3. Select **Install now**.



The printer restarts automatically after the update.

Using the Settings menu

1. From the control panel, navigate to **Settings** › **Device**.
2. Depending on your printer model, do either of the following:
 - Select **Firmware Update** › **Check for updates**.
 - Select **Update firmware** › **Check for updates now**.
3. If an update is available, then select **Install now**.

The printer restarts automatically after the update.

Updating the firmware using the Embedded Web Server

Keeping your printer firmware up-to-date helps it run efficiently and securely. Firmware updates can improve performance, add new features, fix firmware or hardware issues, and enhance the security of your printer and network.

Using the update button

1. Open a web browser, and then type the printer IP address in the address field.

Notes

- You can find the IP address at the top of the printer display.
- Make sure that the printer and computer are connected to the same network.

2. Click **Device**.
3. Depending on your printer model, do either of the following:
 - Select **Firmware Update** › **Check for updates**.
 - Select **Update firmware** › **Check for updates now**.
4. If an update is available, then select **Install now**.

The printer restarts automatically after the update.

Using the firmware flash file (.fls)

Before you begin, make sure that:

- The printer and computer are connected to the same network.
- You have downloaded the firmware file (.fls). For more information, see [Downloading the printer firmware on page 56](#).

1. Open a web browser, and then type the printer IP address in the address field.

Notes

You can find the IP address at the top of the printer display.

2. Click **Device**.
3. Click **Firmware Update**.
4. In the **Update Firmware from File** section, click **Browse**.
5. Search, and then select the **.fls** file.
6. Click **Upload**.

The printer restarts automatically after the update.

Installing hardware options

Available internal options

- Intelligent storage drive (ISD)

- Fonts
 - Simplified Chinese
 - Traditional Chinese
 - Japanese
 - Korean
 - Arabic
- Mass storage
- Hard disk
- Licensed features
 - IPDS
 - Bar Code

Notes

- An ISD or a hard disk is required to activate Forms Merge and some IPDS features.
- Some options are available only in some printer models. For more information, contact [customer support](#).

Installing optional trays



CAUTION—SHOCK HAZARD

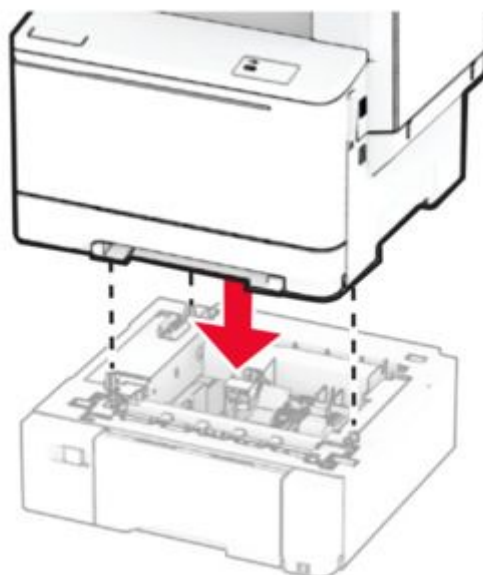
To avoid the risk of electrical shock, if you are accessing the controller board or installing optional hardware or memory devices sometime after setting up the printer, then turn the printer off, and unplug the power cord from the electrical outlet before continuing. If you have any other devices attached to the printer, then turn them off as well, and unplug any cables going into the printer.

1. Turn off the printer.
2. Unplug the power cord from the electrical outlet, and then from the printer.
3. Unpack the optional tray, and then remove all packing material.
4. Align the printer with the optional tray, and then lower the printer into place.



CAUTION—POTENTIAL INJURY

If the printer weight is greater than 20 kg (44 lb), then it may require two or more people to lift it safely.



Note: To avoid invalid configuration, when installing both the 550-sheet tray and 650-sheet tray, always place the 550-sheet tray below the 650-sheet tray.

5. Connect the power cord to the printer, and then to the electrical outlet.



CAUTION—POTENTIAL INJURY

To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

6. Turn on the printer.

Add the tray in the print driver to make it available for print jobs. For more information, see [Adding available options in the print driver on page 55](#).

Installing the intelligent storage drive



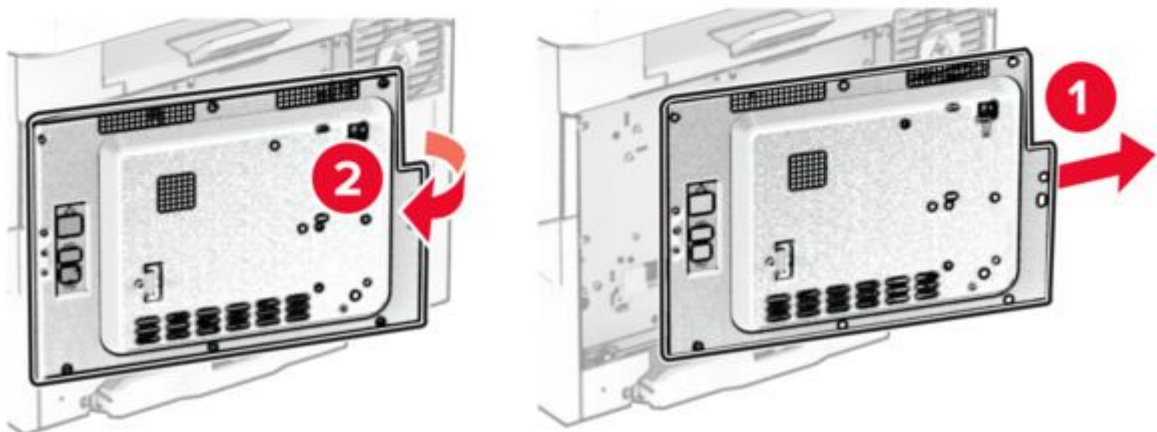
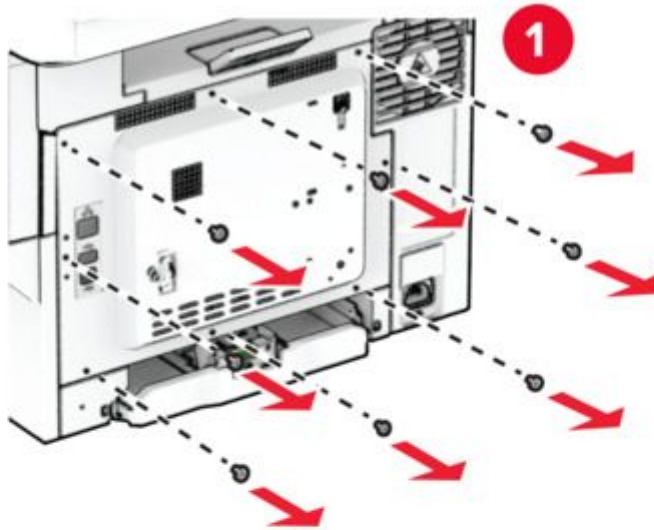
CAUTION—SHOCK HAZARD

To avoid the risk of electrical shock, if you are accessing the controller board or installing optional hardware or memory devices sometime after setting up the printer, then turn the printer off, and unplug the power cord from the electrical outlet before continuing. If you have any other devices attached to the printer, then turn them off as well, and unplug any cables going into the printer.

1. Turn off the printer.
2. Unplug the power cord from the electrical outlet, and then from the printer.
3. Using a flat-head screwdriver, remove the controller board shield.

Warning—Potential Damage

Controller board electronic components are easily damaged by static electricity. Touch a metal surface on the printer before touching any controller board components or connectors.

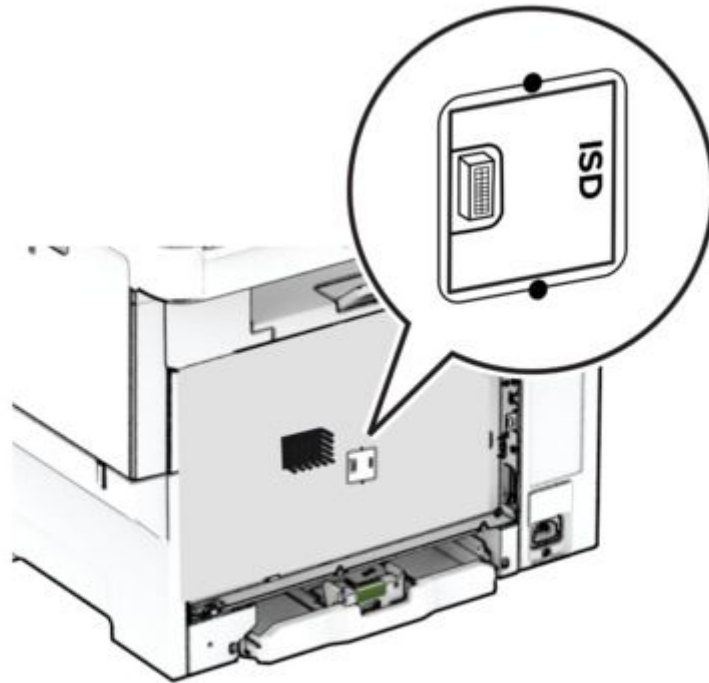


4. Unpack the intelligent storage drive (ISD).

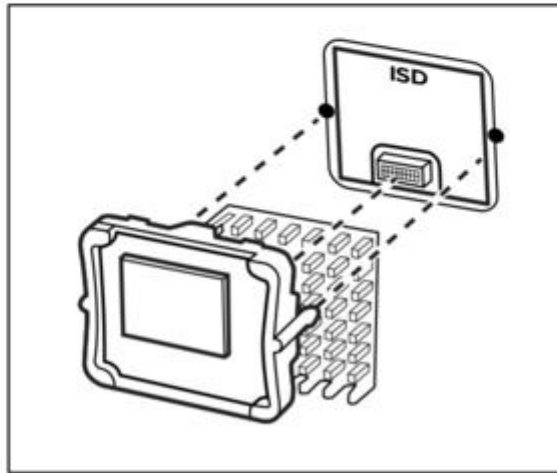
Warning—Potential Damage

Avoid touching the connection points along the edge of the card.

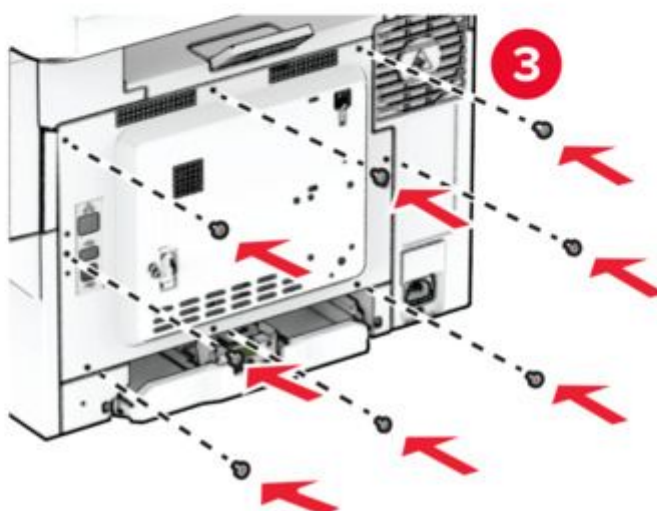
5. Locate the ISD connector.



6. Insert the storage drive to the ISD connector.



7. Attach the controller board shield, and then install the screws.



8. Connect the power cord to the printer, and then to the electrical outlet.



CAUTION—POTENTIAL INJURY

To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

9. Turn on the printer.

Installing a printer hard disk



CAUTION—SHOCK HAZARD

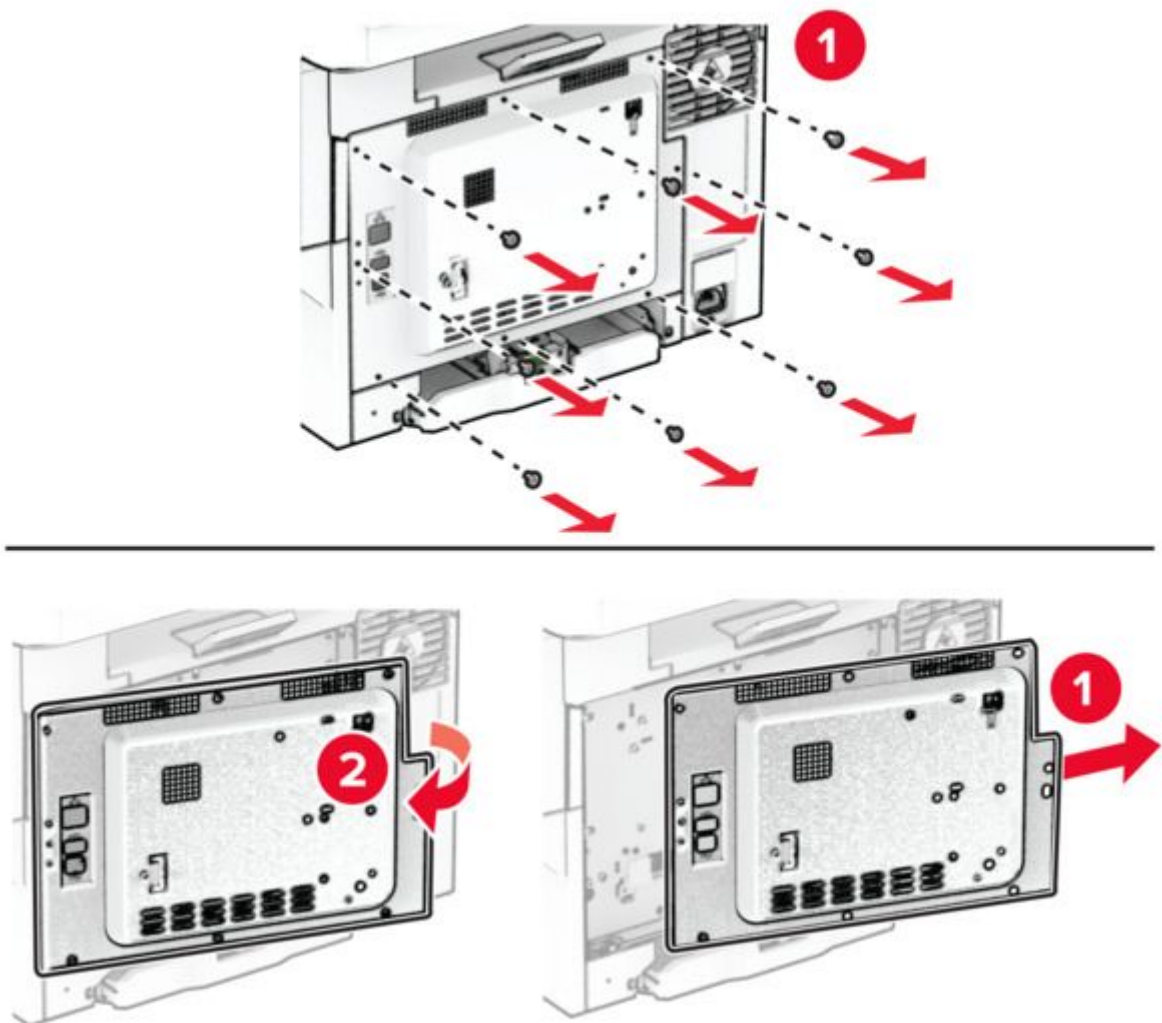
To avoid the risk of electrical shock, if you are accessing the controller board or installing optional hardware or memory devices sometime after setting up the printer, then turn the printer off, and unplug the power cord from the electrical outlet before continuing. If you have any other devices attached to the printer, then turn them off as well, and unplug any cables going into the printer.

Note: This task requires a flat-head screwdriver.

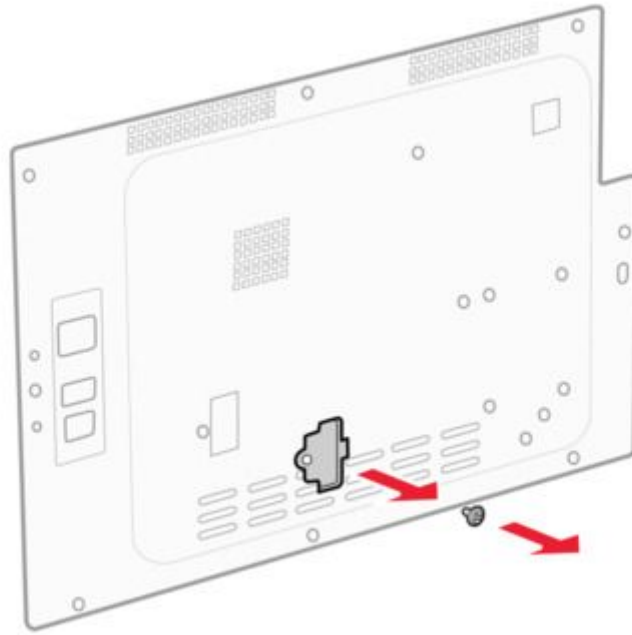
1. Turn off the printer.
2. Unplug the power cord from the electrical outlet, and then from the printer.
3. Remove the controller board shield.

Warning—Potential Damage

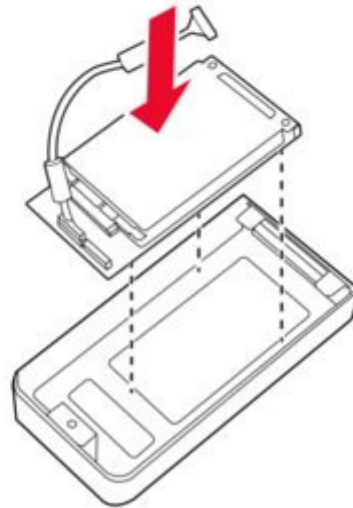
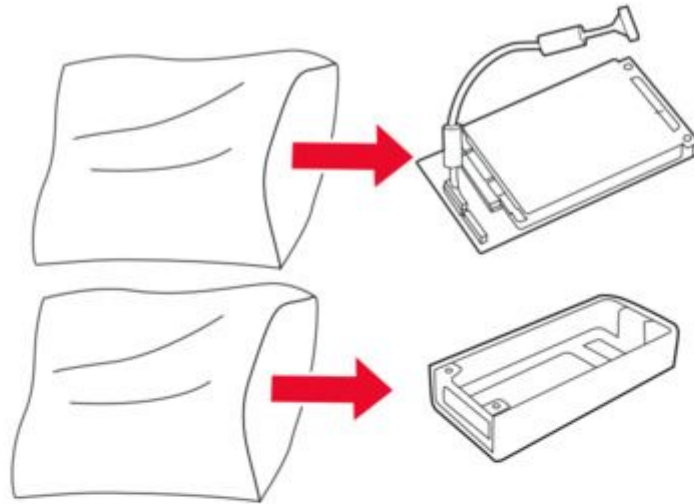
Controller board electronic components are easily damaged by static electricity. Touch a metal surface on the printer before touching any controller board components or connectors.



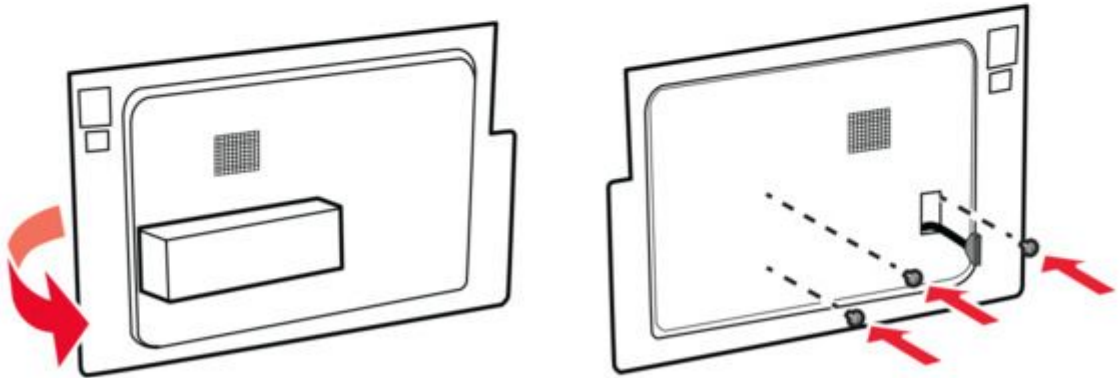
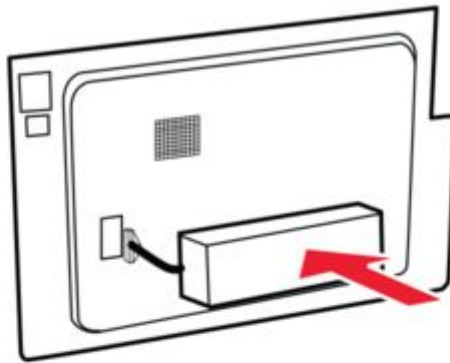
4. Remove the hard disk port cover from the controller board shield.



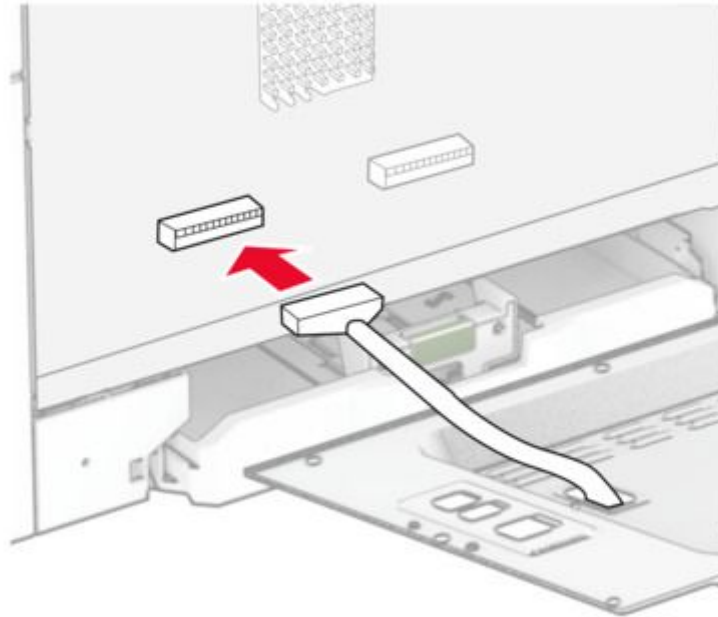
5. Unpack, and then assemble the hard disk.



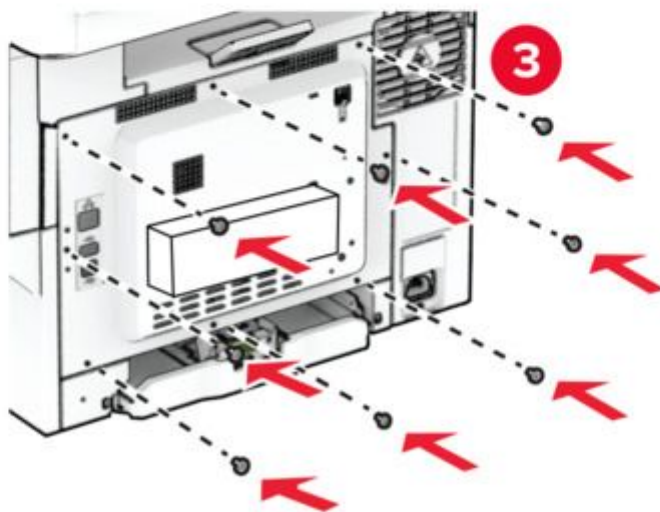
6. Attach the hard disk to the controller board shield.



7. Connect the hard disk interface cable to the controller board.



8. Attach the controller board shield, and then install the screws.



9. Connect the power cord to the printer, and then to the electrical outlet.

**CAUTION—POTENTIAL INJURY**

To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

10. Turn on the printer.

Networking

Wireless support

Printer model	Machine type	Model number	Wireless
C2335	5031	290	✓
CS531dw		270	X
		280	✓
CS632dwe		675	X
		685	✓
CS639		635	X

Connecting the printer to a Wi-Fi network

Before you begin, make sure that:

- **Active Adapter** is set to **Auto**. From the control panel, navigate to **Settings** › **Network/Ports** › **Network Overview** › **Active Adapter**.
 - The Ethernet cable is not connected to the printer.
1. From the control panel, navigate to **Settings** › **Network/Ports** › **Wireless** › **Setup On Printer Panel** › **Choose Network**.
 2. Select a Wi-Fi network, and then type the network password.

Note: For printers with built-in Wi-Fi capability, a prompt for setting up the Wi-Fi network appears during initial setup.

Connecting the printer to a wireless network using Wi-Fi Protected Setup™ (WPS)

Before you begin, make sure that:

- The access point (wireless router) is WPS-certified or WPS-compatible. For more information, see the documentation that came with your access point.
- A wireless network adapter is installed in your printer. For more information, see the instructions that came with the adapter.
- **Active Adapter** is set to **Auto**. From the control panel, navigate to **Settings** › **Network/Ports** › **Network Overview** › **Active Adapter**.

Using the Push Button method

1. From the control panel, navigate to **Settings › Network/Ports › Wireless › Wi-Fi Protected Setup › Start Push Button Method**.
2. Follow the instructions on the display.

Using the personal identification number (PIN) method

1. From the control panel, navigate to **Settings › Network/Ports › Wireless › Wi-Fi Protected Setup › Start PIN Method**.
2. Copy the eight-digit WPS PIN.
3. Open a web browser, and then type the IP address of your access point in the address field.

Note: To know the IP address, see the documentation that came with your access point.

4. Access the WPS settings. For more information, see the documentation that came with your access point.
5. Enter the eight-digit PIN, and then save the changes.

Configuring Wi-Fi Direct

Wi-Fi Direct® lets devices connect directly without using an access point (wireless router).

1. From the control panel, navigate to **Settings › Network/Ports › Wi-Fi Direct**.
2. Configure the settings.
 - **Enable Wi-Fi Direct**—Allow the printer to broadcast its Wi-Fi Direct network.
 - **Wi-Fi Direct Name**—Set a name for the network.
 - **Wi-Fi Direct Password**—Set a password for a secure peer-to-peer connection.
 - **Show Password on Setup Page**—Show the password on the Network Setup Page.
 - **Preferred Channel Number**—Choose the preferred channel of the Wi-Fi Direct network.
 - **Group Owner IP Address**—Assign the IP address of the group owner.
 - **Auto-Accept Push Button Requests**—Let the printer accept connection requests automatically.

Note: Accepting push-button requests automatically is not secured.

Note: To find the Wi-Fi Direct password without showing it on the printer display, print the **Network Setup Page**. From the control panel, navigate to **Settings › Reports › Network › Network Setup Page**.

Connecting a mobile device to the printer using Wi-Fi Direct

Before connecting your mobile device, make sure that **Wi-Fi Direct** has been configured. For more information, see [Configuring Wi-Fi Direct on page 73](#).

Using the Wi-Fi Direct menu

Note: These instructions apply only to mobile devices running on the Android™ platform.

1. On your mobile device, open the **Wi-Fi** menu.
2. Enable **Wi-Fi**, and then tap .
3. Tap **Wi-Fi Direct**.
4. Select the printer Wi-Fi Direct name.
5. Confirm the connection on the printer control panel.

Using the Wi-Fi menu

1. On your mobile device, open the **Wi-Fi** menu.
2. Enable **Wi-Fi**, and then select the printer Wi-Fi Direct name.

Note: The string **DIRECT-xy** (where x and y are two random characters) is added before the Wi-Fi Direct name.

3. Enter the Wi-Fi Direct password.

Deactivating the Wi-Fi network

1. From the control panel, navigate to **Settings** › **Network/Ports** › **Network Overview** › **Active Adapter** › **Standard Network**.
2. Select **Yes** to restart the printer.

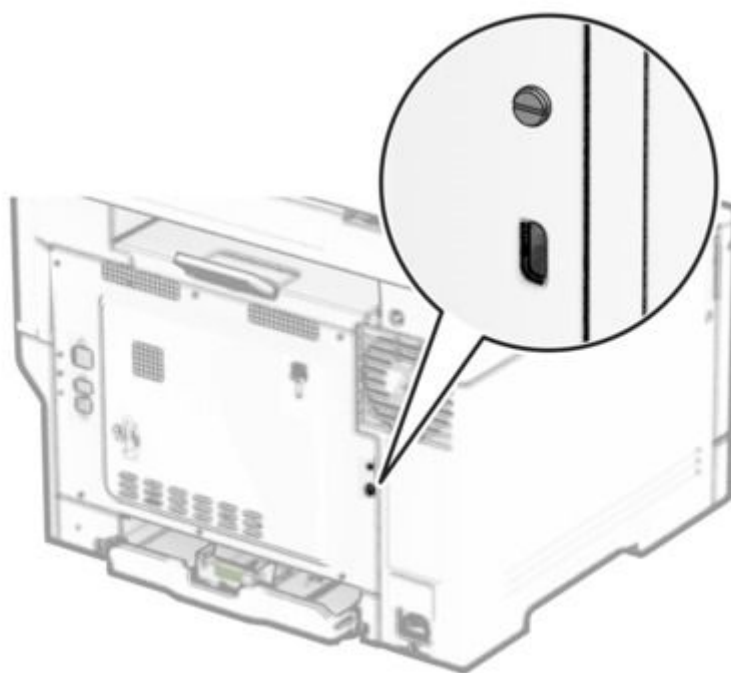
Checking the printer connectivity

1. Print the **Network Setup Page** report. From the control panel, navigate to **Settings** › **Reports** › **Network** › **Network Setup Page**.
2. In the **Network Overview** section, check if **Card Status** is connected.
If the status is not connected, then the wireless network or LAN is inactive or the network cable may be damaged. Contact your administrator for assistance.

Secure the printer

Locating the security slot

The printer is equipped with a security lock feature. Attach a security lock compatible with most laptop computers in the location shown to secure the printer in place.



Erasing printer memory

To erase volatile memory or buffered data in your printer, turn off the printer.

To erase nonvolatile memory, device and network settings, security settings, and embedded solutions, do the following:

1. From the control panel, navigate to **Settings › Device › Maintenance › Out of Service Erase**.
2. Select **Sanitize all information on nonvolatile memory**, and then select **OK**.
3. Select **Start initial setup wizard** or **Leave printer offline**, and then select **OK**.
4. Start the process.

Note: This process deletes the encryption key used to protect user data, making the data unrecoverable.

Erasing data from a storage drive

1. From the control panel, navigate to **Settings › Device › Maintenance › Out of Service Erase**.
2. Depending on the storage drive installed on your printer, do either of the following:

- For hard disk, select **Sanitize all information on hard disk**, select **OK**, and then select a method to erase data.

Note: The process to sanitize the hard disk can take from several minutes to more than an hour, making the printer unavailable for other tasks.

- For intelligent storage drive, select **Erase Intelligent Storage Drive**, and then select **OK**.

Restoring factory default settings

Restoring the printer to its factory default settings resets all customized configurations and settings to their original state.

Using the control panel

1. From the control panel, navigate to **Settings › Device › Restore Factory Defaults**.
2. Select the settings that you want to restore.
 - **Restore printer settings**
 - **Restore network settings**
3. Select **Restore**.
4. Select **Start**.

The printer restarts automatically after the reset is completed.

Using the Embedded Web Server

1. Open a web browser, and then type the printer IP address in the address field.

Notes

- You can find the IP address at the top of the printer display.
- Make sure that the printer and computer are connected to the same network.

2. Click **Settings › Device › Restore Factory Defaults**.
3. Select the settings that you want to restore.
 - **Restore printer settings**
 - **Restore network settings**
 - **Restore fax settings**
 - **Restore app settings**

Notes

- This setting is supported only in certain printer models.
- When this setting is selected, all apps that are not preinstalled on the printer are removed.

4. Click **Start**.

The printer restarts automatically after the reset is completed.

Statement of Volatility

Type of memory	Description
Volatile memory	The printer uses standard random access memory (RAM) to buffer temporarily user data during simple print and copy jobs.
Nonvolatile memory	The printer may use two forms of nonvolatile memory: EEPROM and NAND (flash memory). Both types store the operating system, printer settings, and network information. They also store scanner and bookmark settings and embedded solutions.
Hard disk	Some printers may have a hard disk drive installed. The printer hard disk is designed for printer-specific functionality. The hard disk lets the printer retain buffered user data from complex print jobs, form data, and font data.
Intelligent storage drive (ISD)	Some printers may have an ISD installed. ISD uses nonvolatile flash memory to store user data from complex print jobs, form data, and font data.

Erase the content of any installed printer memory in the following circumstances:

- The printer is decommissioned.
- The printer hard disk or ISD is replaced.
- The printer is moved to a different department or location.
- The printer is serviced by someone from outside your organization.
- The printer is removed from your premises for service.
- The printer is sold to another organization.

Note: To dispose a hard disk or ISD, follow the policies and procedures of your organization.

Print

| Printing from a computer

Using Windows apps

If you are printing from Word, PowerPoint, or Adobe Acrobat™, then do the following:

1. Click **File** or **Menu > Print** or press **Ctrl + P**.
2. In the Print dialog that appears, select a printer, and then click **Printer Properties** or **Properties**.
3. In the Printing Preferences dialog that appears, configure the print settings, and then click **OK**.
4. Click **Print**.

If you are printing from a web browser, then do the following:

1. Click the **Settings** menu (the three dots at the upper-right corner) or press **Ctrl + P**.
2. In the Print dialog that appears, depending on your browser, do either of the following:
 - Select a printer, and then click **Print using system dialog**.
 - Select a printer, click **More settings**, and then click **Print using system dialog**.
3. In the system dialog that appears, click **More settings**.
4. In the Printing Preferences dialog that appears, configure the print settings, and then click **OK**.
5. Click **Print**.

Using Macintosh apps

If you are printing from Preview, Safari, Word, or PowerPoint, then do the following:

1. Click **File > Print** or press **command + P**.
2. In the Print dialog that appears, select a printer, and then configure the print settings.
3. Click **Print**.

If you are printing from Adobe Acrobat, then do the following:

1. Click **File > Print** or press **command + P**.
2. In the Adobe Print dialog that appears, at the lower-left corner, click **Printer**.
3. In the Print dialog that appears, select a printer, and then configure the print settings.
4. Click **Print** to return to the Adobe Print dialog, and then click **Print** to send the print job.

If you are printing from a browser other than Safari, then do the following:

1. Click **File > Print** or press **command + P**.

2. In the Print dialog that appears, depending on your browser, do either of the following:
 - Click **Print using system dialog**.
 - Click **More settings**, and then click **Print using system dialog**.
3. In the system dialog that appears, select a printer, and then configure the print settings.
4. Click **Print**.

Printing from a mobile device

Printing from a mobile device using Lexmark Print

Lexmark™ Print is a mobile printing solution for mobile devices that run the iOS operating system version 13.0 or later or the Android™ platform version 6.0 or later. It lets you send documents and images to network-connected printers and print management servers.

Notes

- Make sure that you download the Lexmark Print app from the Apple App Store or Google Play™ store and enable it in the mobile device.
- Make sure that the printer and mobile device are connected to the same network.

1. From your mobile device, select a document from the file manager.
2. Send or share the document to Lexmark Print.

Note: Some third-party apps may not support the send or share feature. For more information, see the documentation that came with the app.

3. Select a printer and adjust the print settings if needed.
4. Print the document.

Printing from a mobile device using Mopria™ Print Service

Mopria Print Service is a mobile printing solution for mobile devices running on the Android™ platform version 5.0 or later. It lets you print directly to any Mopria™ certified printer.

Before printing, ensure the following:

- Mopria Print Service is installed from the Google Play™ store and enabled.
- The mobile device and the printer are connected to the same network.
- Wi-Fi Direct is enabled on both the mobile device and the printer.
- The printer is added in the Mopria Print Service.

1. On your mobile device, open a compatible application or select a document from the file manager.

2. Tap  › **Print**.
3. Select a printer and adjust the settings if needed.
4. Tap .

Printing from a mobile device using AirPrint

AirPrint lets you print directly from Apple devices to an AirPrint-certified printer.

Note: Make sure the Apple device and the printer are connected to the same network. If multiple wireless hubs exist, both devices must be on the same subnet.

1. On your mobile device, open a compatible application or select a document from the file manager.
2. Tap  › **Print**.
3. Select a printer and adjust the settings if needed.
4. Print the document.

Printing from a mobile device using Wi-Fi Direct®

Use this feature to print documents to a Wi-fi direct-ready printer.

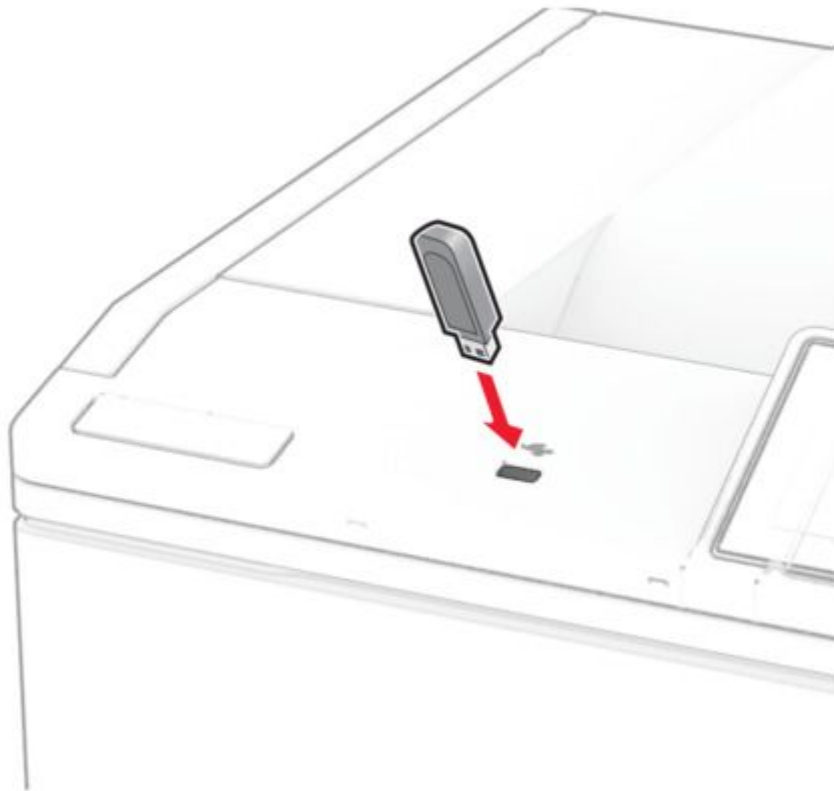
Note: Make sure that the mobile device is connected to the printer wireless network. For more information, see [Connecting a mobile device to the printer using Wi-Fi Direct on page 73](#).

1. From your mobile device, launch a compatible application or select a document from your file manager.
2. Depending on your mobile device, do one of the following:
 - Tap  › **Print**.
 - Tap  › **Print**.
 - Tap  › **Print**.
3. Select a printer and adjust the settings if needed.
4. Print the document.

Printing from a flash drive

1. Insert the flash drive into the front USB port.

For more information on supported flash drives, see [Supported flash drives and file types on page 82](#).



Notes

- If you insert the flash drive when an error message appears, then the printer ignores the flash drive.
- If you insert the flash drive while the printer is processing other print jobs, then Busy appears on the display.

2. From the control panel, select **Print from USB**.
3. Select the document that you want to print and configure the print settings if needed.
4. From the control panel, depending on your printer model, do either of the following:
 - Select **Print**.
 - Select ☐

Warning—Potential Damage

To avoid loss of data or printer malfunction, do not touch the flash drive or the printer in the area shown while actively printing, reading, or writing from the memory device.

To print another document, select **USB Drive**.



Supported flash drives and file types

Flash drives

- Flash drives that support USB 2.0 or lower.
- Flash drives that support a New Technology File System (NTFS) or the File Allocation Table (FAT32) file system.

File types

Documents	Images
• PDF (version 1.7 or earlier or earlier) • Microsoft file formats (DOC, DOCX, XLS, XLSX, PPT, PPTX)	• JPEG or JPG • TIFF or TIF • GIF • BMP • PNG • PCX • DCX

Configuring confidential jobs

1. From the control panel, navigate to **Settings > Security > Confidential Print Setup**.
2. Configure the settings.

Setting	Description
Max Invalid PIN	Set the maximum number of invalid PIN attempts. Note: When the limit is reached, the print jobs for that username are deleted.
Confidential Job Expiration	Set an individual expiration time for each held job before it is automatically deleted from the printer memory, hard disk, or intelligent storage drive. Note: A held job is either Confidential , Repeat , Reserve , or Verify .
Repeat Job Expiration	Set the expiration time for repeat print jobs.
Verify Job Expiration	Set the expiration time for printing a copy of a job for you to check its quality before printing the remaining copies.
Reserve Job Expiration	Set the expiration time for jobs that you want to store in the printer for printing later.
Require All Jobs to be Held	Set the printer to hold all print jobs.
Keep duplicate documents	Set the printer to keep all documents with the same file name.

Printing confidential and other held jobs

Note: Held jobs may get deleted before they expire or without any intervention if memory resources become low. If your printer supports a storage drive, then install a hard disk or an intelligent storage drive to increase its storage for held jobs.

For Windows users

1. With a document open, click **File > Print**.
2. Select a printer, and then click **Properties**, **Preferences**, **Options**, or **Setup**.
3. Click **Print and Hold**.
4. Click **Use Print and Hold**, and then assign a username.
5. Select from any of the following print job types:

- **Confidential print**—The printer asks for a personal identification number before letting you print the job.
 - **Verify print**—The printer prints one copy and holds the remaining copies that you requested from the driver in printer memory.
 - **Reserve print**—The printer stores the job in memory so that you can print the job later.
 - **Repeat print**—The printer prints all requested copies of the job and stores the job in memory so you can print additional copies later.
6. Click **OK**.
 7. Click **Print**.
 8. From the printer control panel, release the print job.
 - a. Select **Print**.
 - b. Select **Held jobs**, and then select your username.

Note: For confidential print jobs, select **Confidential**, enter the PIN, and then select **OK**.

- c. Select the print job, and then select **Print**.

For Macintosh users

1. With a document open, choose **File > Print**.
2. Select a printer.
3. From the **Print Job Security** drop-down menu, enable **Print with PIN**, and then enter a four-digit PIN.
4. Click **Print**.
5. From the printer control panel, release the print job.
 - a. Select **Held jobs**, and then select the computer name.
 - b. Select **Confidential**, and then enter the PIN.
 - c. Select the print job, and then select **Print**.

Printing a font sample list

1. From the control panel, navigate to **Settings > Reports > Print > Print Fonts**.
2. Select the font type.

Printing a directory list

1. From the control panel, navigate to **Settings > Reports > Print**.
2. Select **Print Directory**.

Placing separator sheets in print jobs

1. With a document open, click **File** › **Print**.
2. Select a printer, and then click **Properties**, **Preferences**, **Options**, or **Setup**.
3. Click **Paper/Finishing**.
4. In the **Separator sheets** menu, select a setting.
5. Click **OK**, and then click **Print**.

Canceling a print job

1. From the control panel, select **Job Queue**.
2. Select **Print**, and then select a job to cancel.

Note: If a document is already printing, select **Cancel job** in the lower-right corner of the display to stop printing.

Adjusting toner darkness

1. From the control panel, navigate to **Settings** › **Print** › **Quality**.
2. Adjust the setting for **Toner Darkness**.

Use printer menus

Menu map

Device	• Preferences • Eco-Mode • Remote Operator Panel • Notifications • Power Management • Anonymous Data Collection	• Accessibility ¹ • Restore Factory Defaults • Maintenance • Home Screen Customization ^{2, 3} • Update firmware • About this Printer
Print	• Layout • Setup • Quality • Job Accounting	• PDF • PostScript • PCL • Image
Paper	• Tray Configuration	• Media Configuration
USB Drive	Flash Drive Print	
Network/Ports	• Network Overview • Wireless • Wi-Fi Direct • AirPrint ² • Mobile Services Management • Ethernet • TCP/IP • SNMP	• IPSec • 802.1x • LPD Configuration • HTTP/FTP Settings • ThinPrint ¹ • USB • Restrict external network access

Security	• Login Methods ¹ • Schedule USB Devices ¹ • Security Audit Log • Certificate Management ² • Login Restrictions	• Confidential Print Setup • Disk Encryption ¹ • Erase Temporary Data Files • Solutions LDAP Settings • Miscellaneous
Cloud Services	Cloud Services Enrollment Cloud Connector ¹ Cloud Print Release ¹	
Reports	• Menu Settings Page • Device	• Print • Network
Troubleshooting	Print Quality Test Pages	
Forms Merge ⁴	Forms Merge	

¹ Available only in some printer models.

² Appears only in the Embedded Web Server.

³ In some printer models, this menu appears as Visible Home Screen Icons.

⁴ Appears only when a hard disk or an intelligent storage drive is installed.

Device

Preferences

Menu item	Description
Display Language [List of languages]	Set the language of the text that appears on the display.
Country/Region [List of countries or regions]	Identify the country or region where the printer is configured to operate.
Run initial setup Off* On	Run the setup wizard.

Menu item	Description
Keyboard Keyboard Type [List of languages]	Select a language as a keyboard type. Note: All the Keyboard Type values may not appear or may require special hardware to appear.
Displayed information Display Text 1 (IP Address*) Display Text 2 (Date/Time*) Custom Text 1 Custom Text 2	Specify the information to appear on the home screen.
Date and Time Configure Current Date and Time Manually Set Date and Time Date Format Time Format (12 hour A.M./P.M.*) Time Zone UTC (GMT) Offset DST Start DST End DST Offset Network Time Protocol Enable NTP (On*) NTP Server Enable Authentication (None*) Key ID Password	Configure the printer date and time and network time protocol. Notes - MM-DD-YYYY is the U.S. factory default setting. DD-MM-YYYY is the international factory default setting. - UTC (GMT) Offset, DST Start, DST End, and DST Offset appear only when Time Zone is set to (UTC+user) Custom. - Key ID and Password appear only when Enable Authentication is set to MD5 key.
Paper Sizes US Metric	Specify the unit of measurement for paper sizes. Note: The country or region selected in the initial setup wizard determines the initial paper size setting.
Screen Brightness 20–100% (100*)	Adjust the brightness of the display.
Flash Drive Access Disabled Enabled*	Enable access to the flash drive.
Screen Timeout 5–300 (60*)	Set the idle time in seconds before the display shows the home screen, or before the printer logs out a user account automatically.

Note: An asterisk (*) next to a value indicates the factory default setting.

Eco-Mode

Menu item	Description
Print Sides (1-Sided*) Pages per Side (Off*) Toner Darkness (4*) Color Saver (Off*)	Configure the print settings of the printer.

Note: An asterisk (*) next to a value indicates the factory default setting.

Remote Operator Panel

Menu item	Description
External VNC Connection Don't Allow* Allow	Connect an external Virtual Network Computing (VNC) client to the remote control panel.
Authentication Type None* Standard Authentication	Set the authentication type when accessing the VNC client server.
VNC Password	Specify the password to connect to the VNC client server. Note: This menu item appears only if Authentication Type is set to Standard Authentication.

Note: An asterisk (*) next to a value indicates the factory default setting.

Notifications

Menu item	Description
Supplies Show Supply Estimates Show estimates* Do not show estimates	Show the estimated status of the supplies.

Menu item	Description
Email Alerts Setup Email Setup Primary SMTP Gateway Primary SMTP Gateway Port (25*) Secondary SMTP Gateway Secondary SMTP Gateway Port (25*) SMTP Timeout (30 seconds*) Reply Address Always use SMTP default Reply Address (Off*) Use SSL/TLS (Disabled*) Require Trusted Certificate (On*) SMTP Server Authentication Device-Initiated Email (None*) User-Initiated Email (None*) Use Active Directory Device Credentials (Off*) Device Userid Device Password Kerberos 5 REALM NTLM Domain Disable "SMTP server not set up" error(Off*)	Configure the email settings of the printer.
Error Prevention Jam Assist Off On*	Set the printer to check for jammed paper automatically.
Error Prevention Auto Continue Off On* (5 seconds)	Let the printer continue processing or printing a job automatically after clearing certain attendance conditions.
Error Prevention Auto Reboot Auto Reboot (Reboot always*)	Set the printer to restart when an error occurs.
Error Prevention Auto Reboot Max Auto Reboots (20*)	Set the number of automatic reboots that the printer can perform.

Menu item	Description
Error Prevention Auto Reboot Auto Reboot Window (720*)	Specify the average uptime (in minutes) of the printer. Notes • If the average uptime is greater than this number, then a reboot is allowed. • If the average uptime is less than this number, then the printer stops and shows the service error screen.
Error Prevention Auto Reboot Auto Reboot Counter	Show a read-only information of the reboot counter.
Error Prevention Auto Reboot Reset Auto Reboot Counter	Reset the counter for auto reboot.
Error Prevention Display Short Paper Error On Auto-clear*	Set the printer to show a message when a short paper error occurs. Note: Short paper refers to the size of the paper loaded.
Error Prevention Page Protect Off* On	Set the printer to process the entire page into the memory before printing it.
Jam Content Recovery Jam Recovery Off On Auto*	Set the printer to reprint jammed pages.

Note: An asterisk (*) next to a value indicates the factory default setting.

Power Management

Menu item	Description
Sleep Mode Profile Print from Sleep Mode Stay awake after printing Enter Sleep Mode after printing*	Set the printer to stay awake or enter Sleep mode after printing.
Sleep Mode Profile Touch to Wake from Deep Sleep Disabled Enabled*	Wake the printer from Deep Sleep mode by touching the printer display.
Timeouts Sleep Mode 1–114 minutes (15*)	Set the idle time before the printer begins operating in Sleep mode.
Timeouts Hibernate Timeout Disabled 1 hour 2 hours 3 hours 6 hours 1 day 2 days 3 days* 1 week 2 weeks 1 month	Set the time before the printer turns off.
Timeouts Hibernate Timeout on Connection Hibernate Do Not Hibernate*	Set Hibernate Timeout to turn off the printer while an active Ethernet connection exists.

Note: An asterisk (*) next to a value indicates the factory default setting.

Anonymous Data Collection

Menu item	Description
Anonymous Data Collection Device Usage and Performance Information None*	Send printer usage and performance information to Lexmark. Note: Anonymous Data Send Time appears only when you set Anonymous Data Collection to Device Usage and Performance Information.
Anonymous Data Send Time Start Time Stop Time	

Note: An asterisk (*) next to a value indicates the factory default setting.

Accessibility

Menu item	Description
Duplicate Key Strike Interval 0–5 seconds (0*)	Set the interval during which the printer ignores duplicate key presses on an attached keyboard.
Key Repeat Initial Delay 0.25–5 seconds (1*)	Set the initial length of delay before a repeating key starts repeating. Note: Appears only when a keyboard is attached to the printer.
Key Repeat Rate 0.5–30 (30*)	Set the number of presses per second for a repeating key. Note: Appears only when a keyboard is attached to the printer.
Prolong Screen Timeout Off* On	Let the user remain in the same location and reset the Screen Timeout timer when it expires instead of returning to the home screen.

Note: An asterisk (*) next to a value indicates the factory default setting.

Restore Factory Defaults

Menu item	Description
Restore Settings Restore all settings Restore printer settings Restore network settings Restore app settings	Restore the printer factory default settings.

Maintenance

Configuration Menu

Menu item	Description
USB Configuration USB PnP 1* 2	Change the USB driver mode of the printer to improve its compatibility with a personal computer.
USB Configuration USB Scan to Local On* Off	Set whether the USB device driver enumerates as a USB Simple device (single interface) or as a USB Composite device (multiple interfaces).
USB Configuration USB Speed Full Auto*	Set the USB port to run at full speed and disable its high-speed capabilities.
Tray Configuration Tray Linking Automatic* Off	Set the printer to link the trays that have the same paper type and paper size settings.
Tray Configuration Show Tray Insert Message Off Only for unknown sizes* Always	Display a message that lets the user change the paper size and paper type settings after inserting the tray.

Menu item	Description
Tray Configuration Paper Prompts Auto* Multipurpose Feeder Manual Paper	Set the paper source that the user fills when a prompt to load paper appears. Note: For Multipurpose Feeder to appear, in the Paper menu, set Configure MP to Cassette.
Tray Configuration Envelope Prompts Auto* Multipurpose Feeder Manual Envelope	Set the paper source that the user fills when a prompt to load envelope appears. Note: For Multipurpose Feeder to appear, in the Paper menu, set Configure MP to Cassette.
Tray Configuration Action for Prompts Prompt user* Continue Use current	Set the printer to resolve paper- or envelope-related change prompts.
Tray Configuration Multiple Universal Sizes Off* On	Set the tray to support multiple universal paper sizes.
Reports Menu Settings Page Event Log Event Log Summary	Print reports about printer menu settings, status, and event logs.
Supply Usage And Counters Clear Supply Usage History	Reset the supply usage history, such as number of pages and days remaining, to the factory shipped level.
Supply Usage And Counters ITM Reset	Reset the counter after installing a new supply item or maintenance kit.
Supply Usage And Counters Reset Maintenance Counter	Reset the counter after installing a new maintenance kit.
Supply Usage And Counters Tiered Coverage Ranges	Adjust the amount of color coverage for each printing range.
Printer Emulations PPDS Emulation Off* On	Set the printer to recognize and use the PPDS data stream.

Use printer menus

Menu item	Description
Printer Emulations PS Emulation Off On*	Set the printer to recognize and use the PS data stream.
Print Emulations Use Native ISD Fonts Off* On	Let the printer use the native fonts or free fonts in the intelligent storage drive (ISD) for printing. Note: This menu item appears only when an ISD is installed.
Printer Emulations Enable Formsmerge Off On*	Activate Forms Merge to store the forms into the hard disk or ISD. Notes • The Forms Merge license must be installed. • This menu item appears only when a hard disk or an ISD is installed.
Printer Emulations Enable Prescribe Off* On	Activate Prescribe. Note: The Prescribe license must be installed.
Printer Emulations Emulator Security Page Timeout 0–60 (60*)	Set the page time-out during emulation.
Printer Emulations Emulator Security Reset Emulator After Job Off* On	Reset the emulator after a print job.
Printer Emulations Emulator Security Disable Printer Message Access Off On*	Disable access to printer message during emulation.

Menu item	Description
Print Configuration Black Only Mode Off* On	Print non-copy jobs in grayscale.
Print Configuration Color Trapping Off 1 2* 3 4 5	Enhance the printed output to compensate for misregistration in the printer.
Print Configuration Font Sharpening 0–150 (24*)	Set a text point-size value below which the high-frequency screens are used when printing font data. For example, if the value is 24, then all fonts sized 24 points or less use the high-frequency screens.
Device Operations Quiet Mode Off* On	Set the printer to operate in Quiet Mode. Note: Enabling this setting slows down the overall performance of the printer.
Device Operations Safe Mode Off* On	Set the printer to operate in a special mode, in which it attempts to continue offering as much functionality as possible, despite known issues. For example, when set to On, and the duplex motor is nonfunctional, the printer performs one-sided printing of the documents even if the job is two-sided printing.
Device Operations Clear Custom Status	Erase user-defined strings for the Default or Alternate custom messages.
Device Operations Clear all remotely-installed messages	Erase messages that were remotely installed.
Device Operations Automatically Display Error Screens Off On*	Show existing error messages on the display after the printer remains inactive on the home screen for a length of time.

Use printer menus

Menu item	Description
Toner patch sensor setup Calibration frequency preference Disabled Fewest color adjustments Fewer color adjustments Normal* Better color accuracy Best color accuracy	Set the printer to put down the correct amount of toner to maintain color consistency.
Toner patch sensor setup Full calibration	Run the full color calibration.
Toner patch sensor setup Print TPS information page	Print a diagnostic page that contains information on toner patch sensor calibration.
App Configuration LES Applications Off On*	Enable Lexmark Embedded Solutions (LES) applications.

Note: An asterisk (*) next to a value indicates the factory default setting.

Out of Service Erase

Menu item	Description
Out of Service Erase Memory Last Sanitized ISD last erased	Show a read-only information on when the printer memory or storage drive was last erased. Note: ISD last erased appears only when an intelligent storage drive is installed.
Out of Service Erase Sanitize all information on nonvolatile memory Erase all printer and network settings Erase Intelligent Storage Drive	Clear all information on nonvolatile memory and on the storage drive. Note: Erase Intelligent Storage Drive appears only when an ISD is installed.

Home Screen Customization

Note: This menu appears only in the Embedded Web Server.

Use printer menus

Menu	Description
Status/Supplies Job Queue Settings Address Book USB Drive Held Jobs Change Language Bookmarks	Specify which icons to show on the home screen.

Update firmware

Menu item	Description
Installed Version	Show the current firmware version installed on the printer.
Date Installed	Show the date when the current firmware version was installed on the printer.
Check for updates	Check for firmware updates.
Update Firmware from Server	Download and install the latest firmware version directly from the update server.

About this Printer

Menu item	Description
Asset Tag	Specify the identity of the printer. The maximum length is 32 characters.
Printer's Location	Specify the printer location. The maximum length is 63 characters.
Contact	Specify the contact information for the printer. The maximum length is 63 characters.
Firmware Version	Show the firmware version installed on the printer.
Engine	Show the engine number of the printer.
Serial Number	Show the serial number of the printer.
Export Configuration File to USB	Export the configuration file to a flash drive.
Export Compressed Logs to USB	Export the compressed log files to a flash drive.
Send Logs	Send printer log information to Lexmark.

Print

Layout

Menu item	Description
Sides 1-Sided* 2-Sided	Specify whether to print on one side or both sides of the paper.
Flip Style Long Edge* Short Edge	Determine which side of the paper is bound when performing two-sided printing.
Blank Pages Print Do Not Print*	Print blank pages that are included in a print job.
Collate Off (1,1,1,2,2,2) On (1,2,1,2,1,2)*	Keep the pages of a print job stacked in sequence, particularly when printing multiple copies of the job.
Separator Sheets None* Between Copies Between Jobs Between Pages	Insert blank separator sheets when printing.
Separator Sheet Source Tray [x] (1*) Multipurpose Feeder	Specify the paper source for the separator sheet.
Pages per Side Off* 2 pages per side 3 pages per side 4 pages per side 6 pages per side 9 pages per side 12 pages per side 16 pages per side	Print multiple page images on one side of a sheet of paper.
Pages per Side Ordering Horizontal* Reverse Horizontal Vertical Reverse Vertical	Specify the positioning of multiple page images when using the Pages per Side menu.

Use printer menus

Menu item	Description
Pages per Side Orientation Auto* Landscape Portrait	Specify the orientation of multiple page images when using the Pages per Side menu.
Pages per Side Border None* Solid	Print a border around each page image when using the Pages per Side menu.
Copies 1–9999 (1*)	Specify the number of copies for each print job.
Print Area Normal* Fit to page Whole Page	Set the printable area on a sheet of paper.

Note: An asterisk (*) next to a value indicates the factory default setting.

Setup

Menu item	Description
Printer Language PCL Emulation PS Emulation*	Set the printer language. Note: Setting a printer language default does not prevent a software program from sending print jobs that use another printer language.
Job Waiting Off* On	Preserve print jobs requiring supplies so that jobs not requiring the missing supplies can print. Note: This menu item appears only when a hard disk or an intelligent storage drive (ISD) is installed.
Job Hold Timeout 0–255 (30*)	Set the time in seconds that the printer waits for user intervention before it holds jobs that require unavailable resources. Note: This menu item appears only when a hard disk or an ISD is installed.

Menu item	Description
Printer Usage Max Speed Max Yield*	Determine how the color imaging kit operates during printing. Notes • When set to Max Yield, the color imaging kit slows or stops while printing groups of black-only pages. • When set to Max Speed, the color imaging kit always runs while printing, whether color or black pages are being printed.
Low-Speed Printer Usage Max Speed Max Yield*	Determine how the color imaging kit operates during low-speed printing. Notes • When set to Max Yield, the color imaging kit slows or stops while printing groups of black-only pages. • When set to Max Speed, the color imaging kit always runs while printing, whether color or black pages are being printed. • This setting only changes printer behavior when the print engine is running at a 25 pages per minute process speed. It has no effect when the print engine is running at faster process speeds.
Download Target RAM* Disk	Specify where to save all permanent resources that have been downloaded to the printer. Note: This menu item appears only when a hard disk or an ISD is installed.

Menu item	Description
Resource Save Off* On	Determine what the printer does with downloaded resources when it receives a job that requires more than the available memory. Notes • When set to Off, the printer retains downloaded resources only until memory is needed. Resources associated with the inactive printer language are deleted. • When set to On, the printer preserves all the permanent downloaded resources across all language switches. When necessary, the printer shows memory full messages instead of deleting permanent resources.
Print All Order Alphabetical* Newest First Oldest First	Specify the order when you choose to print all held and confidential jobs. Note: This menu item appears only when a hard disk or an ISD is installed.

Note: An asterisk (*) next to a value indicates the factory default setting.

Quality

Menu item	Description
Print Mode Black and White Color*	Set how the printer generates color content.
Print Resolution 4800 CQ* 1200 dpi	Set the resolution for the printed output. Note: 4800 CQ provides high-quality output at maximum speed.
Toner Darkness 1 to 5 (4*)	Determine the lightness or darkness of text images.
Halftone Normal* Detail	Enhance the printed output to have smoother lines with sharper edges.

Menu item	Description
Color Saver Off* On	Reduce the amount of toner used to print graphics and images. Note: When set to On, this setting overrides the value of the Toner Darkness setting.
RGB Brightness -6 to 6 (0*)	Adjust the brightness of every RGB and gray object on the page. Note: This setting does not affect files where CMYK color specifications are used.
RGB Contrast -6 to 6 (0*)	Adjust the contrast of every RGB and gray object on a page. Note: This setting does not affect files where CMYK color specifications are used.
RGB Saturation 0 to 5 (0*)	Preserve the black and white values while adjusting the color values of every object on the page. Note: This setting does not affect files where CMYK color specifications are used.

Note: An asterisk (*) next to a value indicates the factory default setting.

Menu item	Description
Color Balance Cyan (0*) Magenta (0*) Yellow (0*) Black (0*)	Adjust the amount of toner that is used for each color.
Color Balance Reset Defaults	Reset all color settings to their default values.
Color Correction Off Auto* Manual	Modify the color settings used to print documents. Notes - Off sets the printer to receive the color correction from the software. - Auto sets the printer to apply different color profiles to each object on the printed page. - Manual allows the customization of the RGB or CMYK color conversions applied to each object on the printed page.

Menu item	Description
Color Samples Print Color Samples	Print sample pages for each of the RGB and CMYK color conversion tables used in the printer.
Color Adjust	Calibrate the printer to adjust color variations in the printed output.
Spot Color Replacement Set Custom CMYK	Assign specific CMYK values to twenty named spot colors.

Note: An asterisk (*) next to a value indicates the factory default setting.

Job Accounting

Menu item	Description
Job Accounting Off* On	Set the printer to create a log of the print jobs that it receives. Note: This menu item appears only when a flash memory, a hard disk, or an intelligent storage drive (ISD) is installed.
Accounting Log Frequency Daily Weekly Monthly*	Specify how often the printer creates a log file.
Log Action at End of Frequency None* Email Current Log Email & Delete Current Log Post Current Log Post & Delete Current Log	Specify how the printer responds when the frequency threshold expires. Note: The value defined in Accounting Log Frequency determines when this action is triggered.
Log Action at Near Full None* Email Current Log Email & Delete Current Log Email & Delete Oldest Log Post Current Log Post & Delete Current Log Post & Delete Oldest Log Delete Current Log Delete Oldest Log Delete All But Current Delete All Logs	Specify how the printer responds when the hard disk or ISD is nearly full.

Use printer menus

Menu item	Description
Log Action at Full None* Email & Delete Current Log Email & Delete Oldest Log Post & Delete Current Log Post & Delete Oldest Log Delete Current Log Delete Oldest Log Delete All But Current Delete All Logs	Specify how the printer responds when hard disk or ISD usage reaches the maximum limit (100MB).
URL to Post Log	Specify where the printer posts job accounting logs.
Email Address to Send Logs	Specify the email address to which the printer sends job accounting logs.
Log File Prefix	Specify the prefix for the log files. Note: The current host name defined in the TCP/IP menu is used as the default log file prefix.

Note: An asterisk (*) next to a value indicates the factory default setting.

PDF

Menu item	Description
Scale To Fit Off* On	Scale the page content to fit the selected paper size.
Annotations Print Do Not Print*	Specify whether to print annotations in the PDF.
Print PDF Error Off On*	Enable the printing of PDF error.

Note: An asterisk (*) next to a value indicates the factory default setting.

PostScript

Menu item	Description
Print PS Error Off* On	Print a page that describes the PostScript® emulation error. Note: When an error occurs, processing of the job stops, the printer prints an error message, and the rest of the print job is flushed.
Minimum Line Width 1–30 (2*)	Set the minimum stroke width. Note: Jobs printed in 1200 dpi use the value directly.
Lock PS Startup Mode Off On*	Disable the SysStart file. Note: Enabling the SysStart file exposes your printer or network to a security risk.
Image Smoothing Off* On	Enhance the contrast and sharpness of low-resolution images. Note: This setting has no effect on images with a resolution of 300 dpi or higher.
Font Priority Resident* Flash/Disk	Establish the font search order. Notes • Resident sets the printer to search its memory for the requested font before searching the hard disk or intelligent storage drive (ISD). • Flash/Disk sets the printer to search the hard disk or ISD for the requested font before searching the printer memory. • This menu item appears only when a hard disk or an ISD is installed.
Wait Timeout Off On* (40 seconds)	Enable the printer to wait for more data before canceling a print job.

Note: An asterisk (*) next to a value indicates the factory default setting.

PCL

Menu item	Description
Font Source Resident* Disk Download Flash Font Card All	Select the source which contains the default font selection. Notes • Disk and Flash appear only when a non-defective, non-protected hard disk or intelligent storage drive (ISD) that contains fonts is installed. • Download appears only if downloaded fonts exist in the printer memory. • Font Card appears only when an ISD is installed.
Font Name [List of available fonts] (Courier*)	Select a font from the specified font source.
Symbol Set [List of available symbol set] (10U PC-8*)	Specify the symbol set for each font name. Note: A symbol set is a set of alphabetic and numeric characters, punctuation, and special symbols. Symbol sets support the different languages or specific programs such as math symbols for scientific text.
Pitch 0.08–100.00 (10.00*)	Specify the pitch for fixed or monospaced fonts. Note: Pitch refers to the number of fixed-space characters in a horizontal inch of type.
Orientation Portrait* Landscape Reverse Portrait Reverse Landscape	Specify the orientation of text and graphics on the page.
Lines per Page 1–255	Specify the number of lines of text for each page printed through the PCL® emulation data stream. Notes • This menu item activates vertical escapement that causes the selected number of requested lines to print between the default margins of the page. • 60 is the U.S. factory default setting. 64 is the international factory default setting.

Menu item	Description
PCL5 Minimum Line Width 1–30 (2*)	Set the initial minimum stroke width.
PCLXL Minimum Line Width 1–30 (2*)	
A4 Width 198 mm* 203 mm	Set the width of the logical page on A4-size paper. Note: Logical page is the space on the physical page where data is printed.
Auto CR after LF On Off*	Set the printer to perform a carriage return after a line feed control command. Note: Carriage return is a mechanism that commands the printer to move the position of the cursor to the first position on the same line.
Auto LF after CR On Off*	Set the printer to perform a line feed after a carriage return control command.
Tray Renumber Assign Tray [x] Assign Manual Paper Assign Manual Envelope	Configure the printer to work with a different print driver or custom application that uses a different set of source assignments to request a given paper source.
Tray Renumber View Factory Defaults	Show the factory default value assigned for each paper source.
Tray Renumber Restore Defaults	Restore the tray renumber values to their factory defaults.
Print Timeout Off On* (90 seconds)	Set the printer to end a print job after it has been idle for the specified amount of time.

Note: An asterisk (*) next to a value indicates the factory default setting.

Image

Menu item	Description
Auto Fit On Off*	Select the best available paper size and orientation setting for an image. Note: When set to On, this menu item overrides the scaling and orientation settings for the image.
Invert Off* On	Invert bitonal monochrome images. Note: This menu item does not apply to GIF or JPEG image formats.
Scaling Anchor Top Left Best Fit* Anchor Center Fit Height/Width Fit Height Fit Width	Adjust the image to fit the printable area. Note: When Auto Fit is set to On, Scaling is automatically set to Best Fit.
Orientation Portrait* Landscape Reverse Portrait Reverse Landscape	Specify the orientation of text and graphics on the page.

Note: An asterisk (*) next to a value indicates the factory default setting.

Paper

Tray Configuration

Menu item	Description
Default Source Tray [x] (1*) Multipurpose Feeder Manual Paper Manual Envelope	Set the paper source for all print jobs.
Paper Size/Type Tray [x] Multipurpose Feeder Manual Paper Manual Envelope	Specify the paper size or paper type loaded in each paper source.

Menu item	Description
Substitute Size Off Letter/A4 All Listed*	Set the printer to substitute a specified paper size if the requested size is not loaded in any paper source. Notes • Off prompts the user to load the required paper size. • All Listed allows all available substitutions.
Configure MP Cassette* Manual First	Determine the behavior of the multipurpose feeder. Notes • Cassette configures the multipurpose feeder as the automatic paper source. • Manual sets the multipurpose feeder only for manual-feed print jobs. • First configures the multipurpose feeder as the primary paper source.

Note: An asterisk (*) next to a value indicates the factory default setting.

Media Configuration

Universal Setup

Menu item	Description
Units of Measure Inches Millimeters	Specify the unit of measurement for the universal paper. Note: Inches is the U.S. factory default setting. Millimeters is the international factory default setting.
Portrait Width 3–52 inches (8.5*) 76–1321 mm (216*)	Set the portrait width of the universal paper.
Portrait Height 3–52 inches (14*) 76.2–1321 mm (356*)	Set the portrait height of the universal paper.

Menu item	Description
Feed Direction Short Edge* Long Edge	Set the printer to pick paper from the short edge or long edge direction. Note: Long Edge appears only when the longest edge is shorter than the maximum width supported.

Note: An asterisk (*) next to a value indicates the factory default setting.

Media Types

Menu item	Description
Plain Paper Card Stock Recycled Glossy Labels Vinyl Labels Bond Envelope Letterhead Preprinted Colored Paper Light Paper Heavy Paper Rough/Cotton Custom Type [X]	Specify the texture, weight, and orientation of the paper.

USB Drive

Flash Drive Print

Menu item	Description
Number of Copies 1–9999 (1*)	Set the number of copies.
Paper Source Tray [x] (1*) Multipurpose Feeder Manual Paper Manual Envelope	Set the paper source for the print job.
Color Off On*	Print a flash drive file in color.

Menu item	Description
Collate (1,1,1) (2,2,2) (1,2,3) (1,2,3)*	Keep the pages of a print job stacked in sequence, particularly when printing multiple copies of the job.
Sides 1-Sided* 2-Sided	Specify whether to print on one side or both sides of the paper.
Flip Style Long Edge* Short Edge	Determine which side of the paper is bound when performing two-sided printing.
Pages per Side Off* 2 pages per side 3 pages per side 4 pages per side 6 pages per side 9 pages per side 12 pages per side 16 pages per side	Print multiple page images on one side of a sheet of paper.
Pages per Side Ordering Horizontal* Reverse Horizontal Reverse Vertical Vertical	Specify the positioning of multiple page images when using Pages per Side menu.
Pages per Side Orientation Auto* Landscape Portrait	Specify the orientation of multiple page images when using Pages per Side menu.
Pages per Side Border None* Solid	Print a border around each page image when using Pages per Side menu.
Separator Sheets Off* Between Copies Between Jobs Between Pages	Insert blank separator sheets when printing.
Separator Sheet Source Tray [x] (1*) Multipurpose Feeder	Specify the paper source for the separator sheet.
Blank Pages Do Not Print* Print	Print blank pages in a print job.

Note: An asterisk (*) next to a value indicates the factory default setting.

Network/Ports

Network Overview

Menu item	Description
Active Adapter Auto* Standard Network Wireless	Specify the type of the network connection. Note: Wireless is available only in printers connected to a wireless network.
Network Status	Show the connectivity status of the printer network.
Display Network Status on Printer Off On*	Show the network status on the display.
Speed, Duplex	Show the speed of the currently active network card.
IPv4	Show the IPv4 address.
All IPv6 Addresses	Show all IPv6 addresses.
Reset Print Server	Reset all active network connections to the printer. Note: This setting removes all network configuration settings.
Network Job Timeout Off On* (90 seconds)	Set the time before the printer cancels a network print job.
Network Job Timeout Time	Specify the timeout value (in seconds) when the Network Job Timeout setting is enabled. Note: This feature is available only in some printer models.
Banner Page Off* On	Print a banner page.
Enable Network Connections Off On*	Enable the printer to connect to a network.

Menu item	Description
Enable LLDP Off* On	Enable Link Layer Discovery Protocol (LLDP) in the printer.

Note: An asterisk (*) next to a value indicates the factory default setting.

Wireless

Note: This menu is available only in printers connected to a Wi-Fi network or printers that have a wireless network adapter.

Menu item	Description
Setup On Printer Panel Choose Network Add Wi-Fi Network Network Name Network Mode Infrastructure Wireless Security Mode Disabled* WEP WPA2/WPA - Personal WPA2 - Personal	Configure the Wi-Fi connection using the control panel.
Wi-Fi Protected Setup WPS Auto Detect Off On* Start Push Button Method Start PIN Method	Establish a Wi-Fi network and enable network security. Notes • WPS Auto Detect appears only when the Wireless Security Mode is set to WEP. • Start Push-Button Method connects the printer to a Wi-Fi network when buttons on both the printer and the access point (wireless router) are pressed within a given time. • Start PIN Method connects the printer to a Wi-Fi network when a PIN on the printer is entered into the wireless settings of the access point.
Network Mode BSS Type Infrastructure*	Specify the network mode.

Menu item	Description
Compatibility 802.11b/g/n (2.4GHz)* 802.11a/b/g/n/ac (2.4GHz/5GHz) 802.11a/n/ac (5GHz)	Specify the standard for the Wi-Fi network. Note: 802.11a/b/g/n/ac (2.4GHz/5GHz) and 802.11a/n/ac (5GHz) only appear when a Wi-Fi option is installed.
Wireless Security Mode Disabled* WEP WPA2/WPA-Personal WPA2-Personal 802.1x - RADIUS	Set the security mode for connecting the printer to Wi-Fi devices.
WEP Authentication Mode Auto* Open Shared	Set the type of Wireless Encryption Protocol (WEP) for the printer. Note: This menu item appears only when the Wireless Security Mode is set to WEP.
Set WEP Key	Specify a WEP password for secure Wi-Fi connection.
WPA2/WPA Personal AES	Enable Wi-Fi security through Wi-Fi Protected Access® (WPA™). Note: This menu item appears only when the Wireless Security Mode is set to WPA2/WPA-Personal.
Set Pre-Shared Key	Set the password for secure Wi-Fi connection.
WPA2-Personal AES	Enable Wi-Fi security through WPA2™. Note: This menu item appears only when the Wireless Security Mode is set to WPA2-Personal.
802.1x Encryption Mode WPA+ WPA2*	Enable Wi-Fi security through 802.1x standard. Note: This menu item appears only when the Wireless Security Mode is set to 802.1x - RADIUS.
IPv4 Enable DHCP On* Off Set Static IP Address IP Address Netmask Gateway	Enable and configure IPv4 settings in the printer.

Menu item	Description
IPv6 Enable IPv6 On* Off Enable DHCPv6 On Off* Stateless Address Autoconfiguration On* Off DNS Server Address Manually Assigned IPv6 Address Manually Assigned IPv6 Router Address Prefix All IPv6 Addresses All IPv6 Router Addresses	Enable and configure IPv6 settings in the printer.
Network Address UAA LAA	View the network addresses.
PCL SmartSwitch Off On*	Set the printer to switch automatically to PCL emulation when a print job requires it, regardless of the default printer language. Note: If PCL SmartSwitch is off, then the printer does not examine incoming data and uses the default printer language specified in the Setup menu.
PS SmartSwitch Off On*	Set the printer to switch automatically to PS emulation when a print job requires it, regardless of the default printer language. Note: If PS SmartSwitch is off, then the printer does not examine incoming data and uses the default printer language specified in the Setup menu.
Job Buffering On Off*	Temporarily store print jobs in the hard disk or intelligent storage drive (ISD) before printing. Note: This menu item appears only when a hard disk or an ISD is installed.

Menu item	Description
Mac Binary PS Auto* On Off	Set the printer to process Macintosh binary PostScript emulation print jobs. Notes • On processes raw binary PostScript emulation print jobs. • Off filters print jobs using the standard protocol.

Wi-Fi Direct

Menu item	Description
Enable Wi-Fi Direct On Off*	Set the printer to connect directly to Wi-Fi devices.
Wi-Fi Direct Name	Specify the name of the Wi-Fi Direct network.
Wi-Fi Direct Password	Set the password to authenticate and validate users on a Wi-Fi connection.
Show Password on Setup Page Off On*	Show the Wi-Fi Direct Password on the Network Setup Page.
Preferred Channel Number 1–11 Auto*	Set the preferred channel of the Wi-Fi network.
Group Owner IP Address	Specify the IP address of the group owner.
Auto-Accept Push Button Requests Off* On	Accept requests to connect to the network automatically. Note: Accepting clients automatically is not secured.

Note: An asterisk (*) next to a value indicates the factory default setting.

AirPrint

Note: This menu appears only in the Embedded Web Server.

Use printer menus

Menu item	Description
All AirPrint Functions	Show the AirPrint status of the printer.
Enable AirPrint On* Off	Enable the AirPrint feature. Note: This menu item appears only if Internet Printing Protocol (IPP) or mDNS is disabled.
Enable iBeacon On Off*	Enable the iBeacon feature.
Bonjour Name	Identify printer designation and location.
Organization Name	
Organizational Unit	
Printer Location	
Printer's Latitude	
Printer's Longitude	
Printer's Altitude	
More Options	

Note: An asterisk (*) next to a value indicates the factory default setting.

Mobile Services Management

Menu item	Description
Enable IPP Print On* Off	Allow printing from mobile devices using Internet Printing Protocol (IPP).
Enable IPP Over USB On* Off	Allow print or scan jobs using USB connection.
Enable Mopria Print Discovery On* Off	Allow Mopria-enabled devices to discover the printer.

Note: An asterisk (*) next to a value indicates the factory default setting.

Ethernet

Menu item	Description
Network Speed	Show the speed of the active network adapter.
IPv4 Enable DHCP (On*) Set Static IP Address	Configure the IPv4 settings.
IPv6 Enable IPv6 (On*) Enable DHCPv6 (Off*) Stateless Address Autoconfiguration (On*) DNS Server Address Manually Assigned IPv6 Address Manually Assigned IPv6 Router Address Prefix (64*) All IPv6 Addresses All IPv6 Router Addresses	Configure the IPv6 settings.
Network Address UAA LAA	Specify the network address.
PCL SmartSwitch Off On*	Set the printer to switch automatically to PCL emulation when a print job requires it, regardless of the default printer language. Note: When this setting is disabled, the printer does not examine incoming data and uses the default printer language specified in the Setup menu.
PS SmartSwitch Off On*	Set the printer to switch automatically to PostScript emulation when a print job requires it, regardless of the default printer language. Note: When this setting is disabled, the printer does not examine incoming data and uses the default printer language specified in the Setup menu.
Job Buffering Off* On	Temporarily store print jobs in the hard disk or intelligent storage drive (ISD) before printing. Note: This menu item appears only when a hard disk or an ISD is installed.

Menu item	Description
Mac Binary PS Auto* On Off	Set the printer to process Macintosh binary PostScript emulation print jobs. Notes • Auto processes print jobs from computers using either Windows or Macintosh operating systems. • Off filters PostScript emulation print jobs using the standard protocol.
Energy Efficient Ethernet On Off Auto*	Reduce power consumption when the printer does not receive data from the Ethernet network.

Note: An asterisk (*) next to a value indicates the factory default setting.

TCP/IP

Note: This menu appears only in network printers or printers attached to print servers.

Menu item	Description
Set Hostname	Set the current TCP/IP host name.
Domain Name	Set the domain name.
Allow DHCP/BOOTP to update NTP server On* Off	Allow the DHCP and BOOTP clients to update the NTP settings of the printer.
Zero Configuration Name	Specify a service name for the zero configuration network.
Enable Auto IP Off On*	Assign an IP address automatically.
DNS Server Address	Specify the current Domain Name System (DNS) server address.
Backup DNS Address	Specify the backup DNS server addresses.
Backup DNS Address 2	
Backup DNS Address 3	
Domain Search Order	Specify a list of domain names to locate the printer and its resources that reside in different domains on the network.

Menu item	Description
Enable DDNS Off* On	Update the Dynamic DNS settings.
DDNS TTL	Specify the current DDNS settings.
Default TTL	
DDNS Refresh Time	
Enable mDNS Off On*	Update the multicast DNS settings.
WINS Server Address	Specify a server address for Windows Internet Name Service (WINS).
Enable BOOTP Off* On	Allow the BOOTP to assign a printer IP address.
Restricted Server List	Specify the IP addresses that are allowed to communicate with the printer over TCP/IP. Notes • Use a comma to separate each IP address. • You can add up to 50 IP addresses.
Restricted Server List Options Block All Ports* Block Printing Only Block Printing and HTTP Only	Specify the access option for IP addresses that are not in the list.
MTU 256–1500 Ethernet (1500*)	Specify a maximum transmission unit (MTU) parameter for the TCP connections.
Raw Print Port 1–65535 (9100*)	Specify a raw port number for printers connected on a network.
Outbound Traffic Maximum Speed Off* On	Set the maximum transfer rate of the printer. Note: When enabled, the option for this setting is 100–1000000 Kilobits/second.
TLS Support Enable TLSv1.0 (Off) Enable TLSv1.1 (Off*) Enable TLSv1.2 (On*)	Enable the Transport Layer Security protocol.

Use printer menus

Menu item	Description
SSL Cipher List	Specify the cipher algorithms to use for the SSL or the TLS connections.
TLSv1.3 SSL Cipher List	

Note: An asterisk (*) next to a value indicates the factory default setting.

SNMP

Note: This menu appears only in network printers or printers that are attached to print servers.

Menu item	Description
SNMP Versions 1 and 2c	Configure Simple Network Management Protocol (SNMP) versions 1 and 2c to install print drivers and applications.
Enabled	
Off	
On*	
Allow SNMP Set	
Off	
On*	
Enable PPM MIB	
Off	
On*	
SNMP Community	

Menu item	Description
SNMP Version 3 Enabled Off On* Context name Set Read/Write Credentials User Name Authentication Password Privacy Password Set Read-only Credentials User Name Authentication Password Privacy Password Authentication Hash MD5 SHA1* Minimum Authentication Level No Authentication, No Privacy Authentication, No Privacy Authentication, Privacy* Privacy Algorithm Des AES-128*	Configure SNMP version 3 to install and update the printer security.

Note: An asterisk (*) next to a value indicates the factory default setting.

IPSec

Note: This menu appears only in network printers or printers that are attached to print servers.

Menu item	Description
Enable IPSec Off* On	Enable Internet Protocol Security (IPSec).
Base Configuration Default* Compatibility Secure	Set the IPSec base configuration. Note: This menu item appears only when Enable IPSec is set to On.
DH (Diffie-Hellman) Group Proposal modp2048 (14)* modp3072 (15) modp4096 (16) modp6144 (17)	Set the IPSec base configuration. Note: This menu item appears only when Base Configuration is set to Compatibility.

Menu item	Description
Proposed Encryption Method 3DES AES*	Set the encryption method. Note: This menu item appears only when Base Configuration is set to Compatibility.
Proposed Authentication Method SHA1 SHA256* SHA512	Set the authentication method. Note: This menu item appears only when Base Configuration is set to Compatibility.
IKE SA Lifetime (Hours) 1 2 4 8 24*	Specify the IKE SA expiry period. Note: This menu item appears only when Base Configuration is set to Secure.
IPSec SA Lifetime (Hours) 1 2 4 8* 24	Specify the IPSec SA expiry period. Note: This menu item appears only when Base Configuration is set to Secure.
IPSec Device Certificate	Specify an IPSec certificate. Note: This menu item appears only when Enable IPSec is set to On.
Pre-Shared Key Authenticated Connections Host [x]	Configure the authenticated connections of the printer. Note: These menu items appear only when Enable IPSec is set to On.
Certificate Authenticated Connections Host [x] Address[/subnet]	

Note: An asterisk (*) next to a value indicates the factory default setting.

802.1x

Note: This menu appears only in network printers or printers that are attached to print servers.

Menu item	Description
Active Off* On	Let the printer join networks that require authentication before allowing access.

Menu item	Description
802.1x Authentication Device Login Name Device Login Password Validate Serve Certificate (On*) Enable Event Logging (Off*) 802.1x Device Certificate	Configure the settings for authenticating the 802.1x connection.
Allowable Authentication Mechanisms EAP - MD5 (On*) EAP - MSCHAPv2 (On*) LEAP (On*) PEAP (On*) EAP - TLS (On*) EAP - TTLS (On*) TTLS Authentication Method (MSCHAPv2*)	Configure the allowed authentication mechanisms for the 802.1x connection.

Note: An asterisk (*) next to a value indicates the factory default setting.

LPD Configuration

Note: This menu appears only in network printers or printers that are attached to print servers.

Menu item	Description
LPD Timeout 0–65535 seconds (90*)	Set the time-out value to stop the Line Printer Daemon (LPD) server from waiting indefinitely for hung or invalid print jobs.
LPD Banner Page Off* On	Print a banner page for all LPD print jobs. Note: A banner page is the first page of a print job used as a separator of print jobs and to identify the originator of the print job request.
LPD Trailer Page Off* On	Print a trailer page for all LPD print jobs. Note: A trailer page is the last page of a print job.
LPD Carriage Return Conversion Off* On	Enable carriage return conversion. Note: Carriage return is a mechanism that commands the printer to move the position of the cursor to the first position on the same line.

Note: An asterisk (*) next to a value indicates the factory default setting.

HTTP/FTP Settings

Menu item	Description
Proxy HTTP Proxy IP Address HTTP Default IP Port FTP Proxy IP Address FTP Default IP Port Authentication User Name Password Local Domains	Configure the HTTP and FTP server settings.
Other Settings Enable HTTP Server (On*)	Access the Embedded Web Server to monitor and manage the printer.
Other Settings Enable HTTPS (On*)	Enable Hypertext Transfer Protocol Secure (HTTPS) to encrypt data transferring to and from the print server.
Other Settings Force HTTPS Connections (Off*)	Force the printer to use HTTPS connections.
Other Settings Enable FTP/TFTP (On*)	Send files using FTP/TFTP.
Other Settings HTTPS Device Certificate (default*)	View the HTTP device certificate used on the printer.
Other Settings Timeout for HTTP/FTP Requests (30*)	Specify the amount of time before the server connection stops.
Other Settings Retries for HTTP/FTP Requests (3*)	Set the number of retries to connect to the HTTP/FTP server.

Note: An asterisk (*) next to a value indicates the factory default setting.

ThinPrint

Menu item	Description
Enable ThinPrint Off* On	Print using ThinPrint.
Port Number 4000–4999 (4000*)	Set the port number for the ThinPrint server.

Menu item	Description
Bandwidth (bits/sec) 100–1000000 (0*)	Set the speed to transmit data in a ThinPrint environment.
Packet Size (kbytes) 0–64000 (0*)	Set the packet size for data transmission.

Note: An asterisk (*) next to a value indicates the factory default setting.

USB

Menu item	Description
PCL SmartSwitch Off On*	Set the printer to switch to PCL emulation when a print job received through a USB port requires it, regardless of the default printer language. Note: When this setting is disabled, the printer does not examine incoming data and uses the default printer language specified in the Setup menu.
PS SmartSwitch Off On*	Set the printer to switch to PostScript emulation when a print job received through a USB port requires it, regardless of the default printer language. Note: When this setting is disabled, the printer does not examine incoming data and uses the default printer language specified in the Setup menu.
Job Buffering Off* On	Temporarily store print jobs in the hard disk or intelligent storage drive (ISD) before printing. Note: This menu item appears only when a hard disk or an ISD is installed.
Mac Binary PS Auto* On Off	Set the printer to process Macintosh binary PostScript emulation print jobs. Notes • Auto processes print jobs from computers using either Windows or Macintosh operating systems. • Off filters PostScript emulation print jobs using the standard protocol.

Menu item	Description
Enable USB Port Off On*	Enable the front USB drive port.

Note: An asterisk (*) next to a value indicates the factory default setting.

Restrict external network access

Menu item	Description
Restrict external network access Off* On	Restrict access to network sites.
External network address	Specify the network addresses with restricted access.
Email address for notification	Specify an email address to send a notification of logged events.
Ping frequency 1–300 (10*)	Specify the network query interval in seconds.
Subject	Specify the subject and message of the notification email.
Message	

Note: An asterisk (*) next to a value indicates the factory default setting.

Cloud Services

Cloud Connector

Note: This menu item is available only in some printer models.

Menu item	Description
Enable/Disable Box Off On*	Enable the Box cloud provider.

Menu item	Description
Enable/Disable Dropbox Off On*	Enable the DropBox cloud provider.
Enable/Disable Google Drive Off On*	Enable the Google Drive cloud provider.
Enable/Disable OneDrive Off On*	Enable the OneDrive cloud provider.

Cloud Print Release

Note: This menu is available only in some printer models.

Menu item	Description
Server Address	Specify the address of the cloud server.
Client ID	Specify the organization-specific client ID.
Client Secret	Specify the organization-specific client secret.

Cloud Services Enrollment

Menu item	Description
View More Information	View additional information on the usage of Lexmark Cloud Services.
Enable communication with Lexmark Cloud Services Off* On	Enable the printer to communicate with Lexmark Cloud Services.
View Current Status	View the connection status between the printer and Lexmark Cloud Services.

Note: An asterisk (*) next to a value indicates the factory default setting.

Security

Login Methods

Manage Permissions

Menu item	Description
Function Access Modify Address Book Manage Shortcuts Create Profiles Manage Bookmarks Flash Drive Print Flash Drive Color Printing Held Jobs Access Use Profiles Cancel Jobs at the Device Change Language Internet Printing Protocol (IPP) B/W Print Color Print	Control access to the printer functions.
Administrative Menus Security Menu Network/Ports Menu Paper Menu Reports Menu Function Configuration Menus Supplies Menu Option Card Menu SE Menu Device Menu	Control access to the printer menus.
Device Management Remote Management Firmware Updates Apps Configuration Embedded Web Server Access Import / Export All Settings Out of Service Erase Cloud Services Enrollment	Control access to the printer management options.
Apps New Apps Slideshow Change Wallpaper Screen Saver	Control access to the printer applications.

Local Accounts

Menu item	Description
Manage Groups/Permissions	Show a list of all saved groups in the printer.
Add User User Name/Password User Name Password PIN	Create local accounts and specify their access to the printer functions, administrative menus, printer management options, and applications.

Schedule USB Devices

Menu item	Description
Schedules Add New Schedule	Schedule access to the front USB port.

Security Audit Log

Menu item	Description
Enable Audit Off* On	Record the events in the secure audit log and remote syslog.
Enable Remote Syslog Off* On	Send audit logs to a remote server.
Remote Syslog Server	Specify the remote syslog server.
Remote Syslog Port 1–65535 (514*)	Specify the remote syslog port.
Remote Syslog Method Normal UDP* Stunnel	Specify a syslog method to transmit logged events to a remote server.

Menu item	Description
Remote Syslog Facility 0 - Kernel Messages 1 - User-Level Messages 2 - Mail System 3 - System Daemons 4 - Security/Authorization Messages* 5 - Messages Generated Internally by Syslogs 6 - Line Printer Subsystem 7 - Network News Subsystem 8 - UUCP Subsystem 9 - Clock Daemon 10 - Security/Authorization Messages 11 - FTP Daemon 12 - NTP Subsystem 13 - Log Audit 14 - Log Alert 15 - Clock Daemon 16 - Local Use 0 (local0) 17- Local Use 1 (local1) 18 - Local Use 2 (local2) 19 - Local Use 3 (local3) 20 - Local Use 4 (local4) 21 - Local Use 5 (local5) 22 - Local Use 6 (local6) 23 - Local Use 7 (local7)	Specify a facility code that the printer uses when sending log events to a remote server.
Severity of Events to Log 0 - Emergency 1 - Alert 2 - Critical 3 - Error 4 - Warning* 5 - Notice 6 - Informational 7 - Debug	Specify the priority level cutoff for logging messages and events.
Remote Syslog Non-Logged Events Off* On	Send all events, regardless of severity level, to the remote server.
Admin's Email Address	Send email notification of logged events to the administrator.
Email Log Cleared Alert Off* On	Send email notification to the administrator when a log entry is deleted.
Email Log Wrapped Alert Off* On	Send email notification to the administrator when the log becomes full and begins to overwrite the oldest entries.

Menu item	Description
Log Full Behavior Wrap Over Oldest Entries* Email Log Then Delete All Entries	Resolve log storage issues when the log fills its allotted memory.
Email % Full Alert Off* On	Send email notification to the administrator when the log fills its allotted memory.
% Full Alert Level 1–99 (90*)	
Email Log Exported Alert Off* On	Send email notification to the administrator when a log is exported.
Email Log Settings Changed Alert Off* On	Send email notification to the administrator when Enable Audit is set.
Log Line Endings LF (\n)* CR (\r) CRLF (\r\n)	Specify how the log file terminates the end of each line.
Digitally Sign Exports Off* On	Add a digital signature to each exported log file.
Clear Log	Delete all audit logs.
Export Log Syslog (RFC 5424) Syslog (RFC 3164) CSV	Export a security log to a flash drive.

Note: An asterisk (*) next to a value indicates the factory default setting.

Certificate Management

Menu item	Menu item
Configure Certificate Defaults Common Name Organization Name Unit Name Country/Region Province Name City Name Subject Alternate Name	Set the default values for generated certificates.
Device Certificates	Generate, delete, or view device certificates.
Manage CA Certificates	Load, delete, or view Certificate Authority (CA) certificates.

Login Restrictions

Menu item	Description
Login failures 1–10 (3*)	Specify the number of failed login attempts before the user gets locked out.
Failure time frame 1–60 minutes (5*)	Specify the time frame between failed login attempts before the user gets locked out.
Lockout time 1–60 minutes (5*)	Specify the lockout duration.
Web Login Timeout 1–120 minutes (10*)	Specify the delay for a remote login before the user is logged off automatically.

Note: An asterisk (*) next to a value indicates the factory default setting.

Confidential Print Setup

Menu item	Description
Max Invalid PIN 2–10	Set the limit for entering an invalid PIN. Note: When the limit is reached, the print jobs for that user name are deleted.

Menu item	Description
Confidential Job Expiration Off* 1 Hour 4 Hours 24 Hours 1 Week	Set an individual expiration time for each held job before it is automatically deleted from the hard disk or intelligent storage drive. Note: A held job is either Confidential, Repeat, Reserve, or Verify.
Repeat Job Expiration Off* 1 Hour 4 Hours 24 Hours 1 Week	Set the expiration time for a print job that you want to repeat.
Verify Job Expiration Off* 1 Hour 4 Hours 24 Hours 1 Week	Set the expiration time for printing a copy of a job for you to check its quality before printing the remaining copies.
Reserve Job Expiration Off* 1 Hour 4 Hours 24 Hours 1 Week	Set the expiration time for jobs that you want to store in the printer for printing later.
Require All Jobs to be Held Off* On	Set the printer to hold all print jobs.
Keep duplicate documents Off* On	Set the printer to keep all documents with the same file name.

Note: An asterisk (*) next to a value indicates the factory default setting.

Disk Encryption

Note: This menu appears only when a hard disk or an intelligent storage drive is installed.

Menu item	Description
Status Enabled	Encryption happens automatically when a storage drive is installed.

Erase Temporary Data Files

Menu item	Description
Stored in onboard memory Off* On	Delete all files stored on the printer memory.
Stored on hard disk 1 Pass Erase* 3 Pass Erase 7 Pass Erase	Delete all files stored on the printer hard disk. Note: This menu item appears only when a printer hard disk is installed.

Note: An asterisk (*) next to a value indicates the factory default setting.

Solutions LDAP Settings

Menu item	Description
Follow LDAP Referrals Off* On	Search the different servers in the domain for the logged-in user account.
LDAP Certificate Verification Yes No*	Enable verification of LDAP certificates.

Miscellaneous

Menu item	Description
Protected Features Show* Hide	Show all the features that Function Access Control (FAC) protects regardless of the security permission that the user has. Note: Hide displays only FAC-protected features that the user has access.
Print Permission Off* On	Let the user log in before printing.
Default Print Permission Login User Name/Password* User Name	Set the default login for Print Permission.

Menu item	Description
Security Reset Jumper Enable "Guest" access* No Effect	Specify user access to the printer. Notes • Enable "Guest" access provides anyone access to all aspects of the printer. • No Effect may make access to the printer impossible when the required security information is unavailable.
Use Intelligent Storage Drive for User Data Off On*	Enable intelligent storage drive to store user data.
Minimum Password Length 0–32 (0*)	Specify the password length.
Enable Password/PIN Reveal Off* On	Show the password or personal identification number.

Note: An asterisk (*) next to a value indicates the factory default setting.

Reports

Menu Settings Page

Menu item	Description
Menu Settings Page	Print a report that contains the printer menus.

Device

Menu item	Description
Device Information	Print a report that contains information about the printer.
Device Statistics	Print a report about printer usage and supply status.
Profiles List	Print a list of profiles that are stored in the printer.

Menu item	Description
Asset Report	Print a diagnostic tool for print problems. Note: To avoid clipping the content, print the report on letter- or A4-size paper.

Print

Menu item	Description
Print Fonts PCL Fonts PS Fonts	Print samples and information about the fonts that are available in each printer language.
Print Demo Demo Page	Print a page that shows the printer capabilities and supported solutions.
Print Directory	Print the resources that are stored in the flash drive, hard disk, or intelligent storage drive (ISD). Note: This menu item appears only when a flash drive, a hard disk, or an ISD is installed.

Network

Menu item	Description
Network Setup Page	Print a page that shows the configured network and wireless settings on the printer. Note: This menu item appears only in network printers or printers connected to print servers.
Wi-Fi Direct Connected Clients	Print a page that shows the list of devices that are connected to the printer using Wi-Fi Direct. Note: This menu item appears only when Enable Wi-Fi Direct is set to On .

Troubleshooting

Menu item	Description
Print Quality Test Pages	Print sample pages to identify and correct print quality defects.

Forms Merge

Note: This menu appears only when a hard disk or an intelligent storage drive is installed.

Menu item	Description
Merge Mode Print* Data Capture Disabled	Specify the mode of operation for Forms Merge.
Data Capture Target Flash*	Set the target destination where the captured data is forwarded. Note: This menu item appears only when Merge Mode is set to Data Capture.
Print Port and Filter Settings Network Port On* Off	Enable Forms Merge to process all data that are sent to the network port.
Print Port and Filter Settings Network Filter Disabled* NULL OFIS OFIS+NULL OFIS+AS400 AS400 PCL ZPL ZPLF	Specify the network filter for all data sent to the printer.
Print Port and Filter Settings USB Port On* Off	Enable Forms Merge to process all data that are sent to the USB port.
Print Port and Filter Settings USB Filter Disabled* NULL OFIS OFIS+NULL OFIS+AS400 AS400 PCL ZPL ZPLF	Specify the USB filter for all data sent to the printer.

Menu item	Description
Print Port and Filter Settings Local Port Timeout 1–100 (10*)	Specify the time-out value for Forms Merge jobs that are sent to the local port.
Miscellaneous Print All Forms	Print all form sets stored in the intelligent storage drive or hard disk of the printer.
Miscellaneous Error Page Print On* Off	Enable printing of an error page when an error is encountered in a Forms Merge job.

Note: An asterisk (*) next to a value indicates the factory default setting.

Printing the Menu Settings Page report

Note: Keep the printed pages for reference in case the printer is serviced, or the settings are changed.

1. From the control panel, navigate to **Settings › Reports** .
2. Select **Menu Settings Page**.

Maintain the printer

Checking the status of parts and supplies

1. From the home screen, navigate to **Status/Supplies** › **Supplies**.
2. View the status of the printer parts and supplies.

Note: You can also select  to check notifications that require user intervention.

Configuring supply notifications

1. Open a web browser, and then type the printer IP address in the address field.

Notes

- You can find the IP address at the top of the printer display.
- Make sure that the printer and computer are connected to the same network.

2. Click **Settings** › **Device** › **Notifications**.
3. Click **Custom Supply Notifications**.
4. Select a notification for each supply item.
5. Apply the changes.

Setting up email alerts

Email alerts let you set up a mail server so the printer can automatically send messages to a group of email addresses when certain events happen. For more information on SMTP settings, see [Configuring the email SMTP settings](#).

1. Open a web browser, and then type the printer IP address in the address field.

Notes

- You can find the IP address at the top of the printer display.
- Make sure that the printer and computer are connected to the same network.

2. Click **Settings** › **Device** › **Notifications**.
3. Click **Email Alerts Setup**.
4. Click **Setup Email Lists and Alerts**, and then do the following:
 - Specify the email addresses that you want to send the alerts to.
 - Specify the subject of the email alert.

- Specify the printer events that you want to send.

5. Click **Save**.

Printing printer reports and logs

Printer reports show the printer status, toner levels, number of pages printed or scanned, and any errors.

1. From the control panel, navigate to **Settings > Reports**.
2. Select the report or log that you want to print.

Menu Settings Page—Show the current printer preferences, settings, and configurations.

Device

- **Device Information**—Show printer information such as serial number, installed memory, and page count.
- **Device Statistics**—Show printer information such as supply status, total printed sheets, and printer job information.
- **Profiles List**—Show a list of profiles or shortcuts that are stored in the printer.
- **Asset Report**—Show printer information such as color and mono print counts, IP address, and firmware levels.

Print

- **Print Fonts**—Show the fonts that are available in each printer language.
- **Print Demo**—Show the demo files that are available in the firmware, the flash option, and the disk option.
- **Print Directory**—Show the resources that are stored on the flash drive, hard disk, or intelligent storage drive (ISD).

Note: This report appears only when a flash drive, a printer hard disk, or an ISD is installed.

Network

- **Network Setup Page**—Show the configured network and wireless settings on the printer.

Note: This report appears only in network printers and printers connected to print servers.

- **Wi-Fi Direct Connected Clients**—Show the list of devices that are connected to the printer using Wi-Fi Direct.

Note: This report appears only when **Enable Wi-Fi Direct** is set to **On**.

Ordering parts and supplies

Contact information and precaution

To order supplies in the U.S., contact Lexmark at 1-800-539-6275 for information about Lexmark authorized supplies dealers in your area. In other countries or regions, go to www.lexmark.com or contact the place where you purchased the printer.

Note: All life estimates for printer supplies assume printing on letter- or A4-size plain paper.

Warning—Potential Damage

Failure to maintain optimum printer performance or to replace supplies can cause damage to your printer.

Using genuine Lexmark parts and supplies

Your Lexmark printer is designed to function best with genuine Lexmark parts and supplies. Use of third-party supplies or parts may affect the performance, reliability, or life of the printer and its imaging components. It can also affect warranty coverage. Damage caused by the use of third-party parts and supplies is not covered by the warranty. All life indicators are designed to function with Lexmark parts and supplies, and may deliver unpredictable results if third-party parts and supplies are used. Imaging component usage beyond the intended life may damage your Lexmark printer or its associated components.

Warning—Potential Damage

Supplies and parts without Return Program agreement terms may be reset and remanufactured. However, the manufacturer's warranty does not cover any damage caused by non-genuine supplies or parts. Resetting counters on the supply or part without proper remanufacturing can cause damage to your printer. After resetting the supply or part counter, your printer may display an error indicating the presence of the reset item.

Ordering a toner cartridge

Notes

- The estimated cartridge yield is based on the ISO/IEC 19798 standard.
- Extremely low print coverage for extended periods of time may negatively affect actual yield.

Lexmark CS531 and CS632 Return Program toner cartridges

Item	North America, Australia, and New Zealand	European Economic Area, Iceland, Liechtenstein, and Norway	Rest of Asia Pacific	Latin America	Rest of Europe, Middle East, and Africa
Return Program toner cartridges					
Cyan	75M10C0	75M20C0	75M30C0	75M40C0	75M50C0
Magenta	75M10M0	75M20M0	75M30M0	75M40M0	75M50M0
Yellow	75M10Y0	75M20Y0	75M30Y0	75M40Y0	75M50Y0
Black	75M10K0	75M20K0	75M30K0	75M40K0	75M50K0
High Yield Return Program toner cartridges ¹					
Cyan	75M1HC0	75M2HC0	75M3HC0	75M4HC0	75M5HC0
Magenta	75M1HM0	75M2HM0	75M3HM0	75M4HM0	75M5HM0

Maintain the printer

Item	North America, Australia, and New Zealand	European Economic Area, Iceland, Liechtenstein, and Norway	Rest of Asia Pacific	Latin America	Rest of Europe, Middle East, and Africa
Yellow	75M1HY0	75M2HY0	75M3HY0	75M4HY0	75M5HY0
Black	75M1HK0	75M2HK0	75M3HK0	75M4HK0	75M5HK0
Extra High Yield Return Program toner cartridges ²					
Cyan	75M1XC0	75M2XC0	75M3XC0	75M4XC0	75M5XC0
Magenta	75M1XM0	75M2XM0	75M3XM0	75M4XM0	75M5XM0
Yellow	75M1XY0	75M2XY0	75M3XY0	75M4XY0	75M5XY0
Black	75M1XK0	75M2XK0	75M3XK0	75M4XK0	75M5XK0

¹ Supported only in the Lexmark CS531 printer model.

² Supported only in the Lexmark CS632 printer model.

For more information on countries in each region, go to www.lexmark.com/regions.

Lexmark CS531 Regular toner cartridges

Item	Worldwide
Cyan	75M0H20
Magenta	75M0H30
Yellow	75M0H40
Black	75M0H10

Lexmark CS632 Regular toner cartridges

Item	Worldwide
Cyan	75M0X20
Magenta	75M0X30
Yellow	75M0X40
Black	75M0X10

Lexmark CS639 Return Program toner cartridges

Item	China
Return Program toner cartridges	
Cyan	75M30CK
Magenta	75M30MK
Yellow	75M30YK
Black	75M30KK
Extra High Yield Return Program toner cartridges	
Cyan	75M3XCK
Magenta	75M3XMK
Yellow	75M3XYK
Black	75M3XKK

Lexmark C2335 Toner cartridges

Item	North America, Australia, and New Zealand	Europe, Middle East, and Africa
Cyan	24B7537	24B7549
Magenta	24B7538	24B7550
Yellow	24B7539	24B7551
Black	24B7540	24B7552

Ordering an imaging kit

Item	Part number
Return Program imaging kit	
Black Return Program imaging kit	75M0ZK0
Black and color Return Program imaging kit	75M0ZV0
Regular imaging kit	
Black imaging kit	75M0Z10
Black and color imaging kit	75M0Z50

Ordering a waste toner bottle

Item	Part number
Waste toner bottle	75M0W00

Ordering a maintenance kit

Match the maintenance kit to the printer voltage.

Notes

- Using certain types of paper may require more frequent replacement of the maintenance kit.
- The maintenance kit includes a fuser and pick tires. These parts may be individually ordered and replaced if necessary.

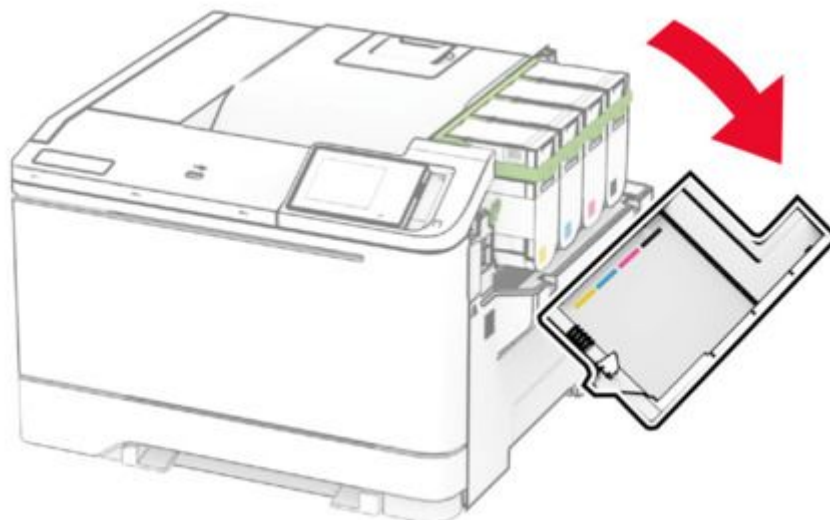
Item	Part number
100 V fuser maintenance kit	41X4999
110 V fuser maintenance kit	41X5000
220 V fuser maintenance kit	41X5001

Note: Only an authorized service technician can replace the maintenance kit. Contact your service provider.

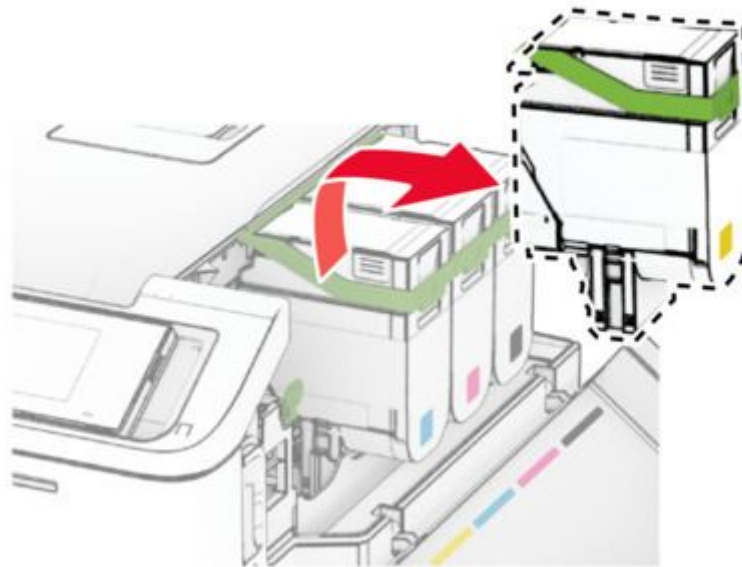
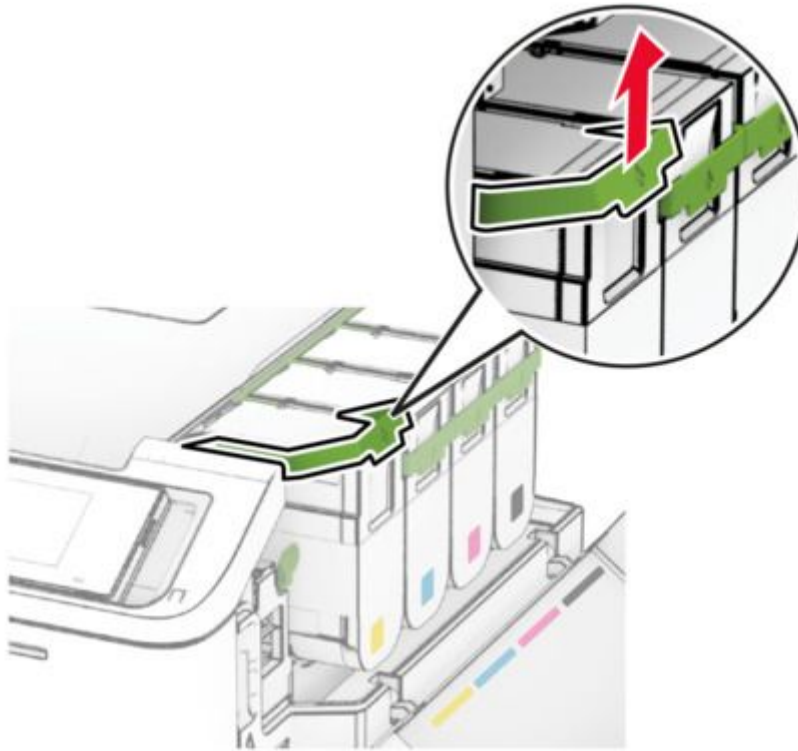
Replacing parts and supplies

Replacing a toner cartridge

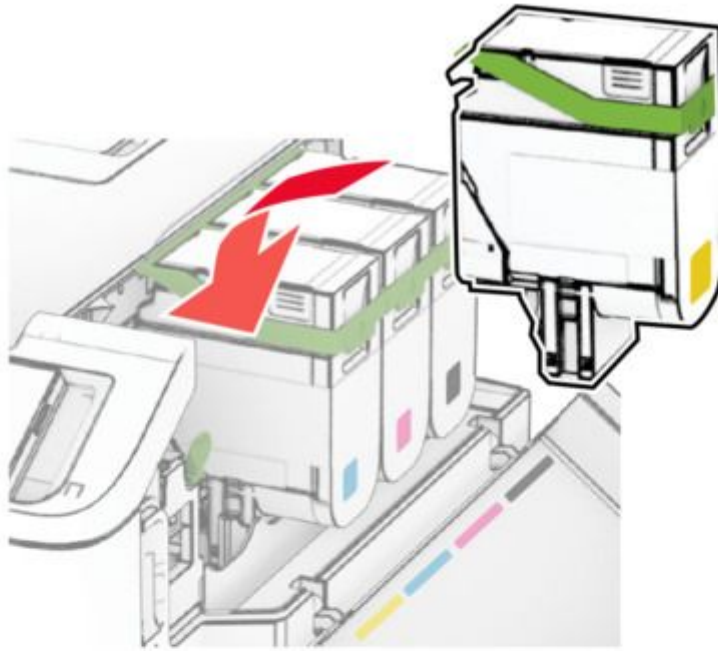
1. Open door B.



2. Remove the used toner cartridge.



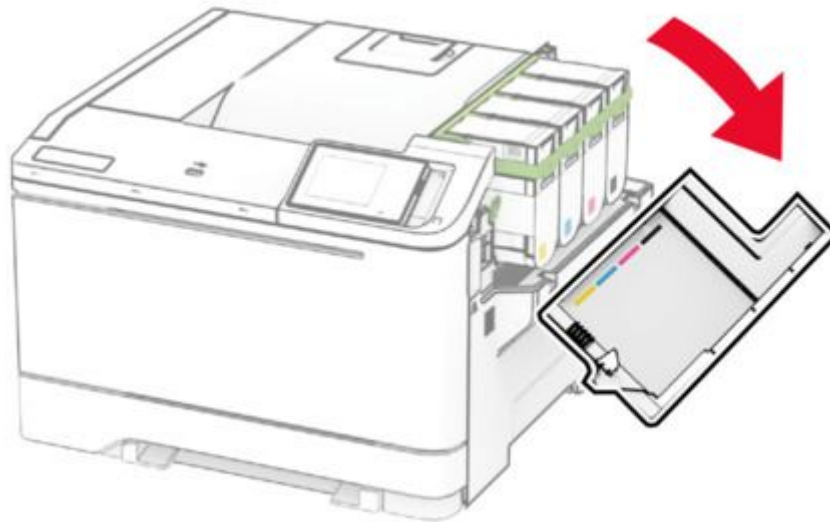
3. Unpack the new toner cartridge.
4. Insert the new toner cartridge until it clicks into place.



5. Close the door.

Replacing an imaging kit

1. Open door B.

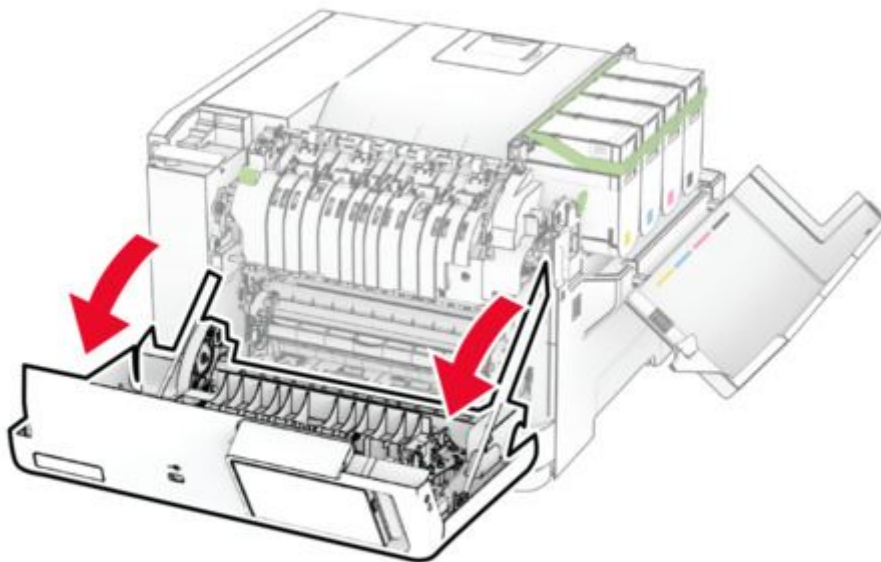


2. Open door A.

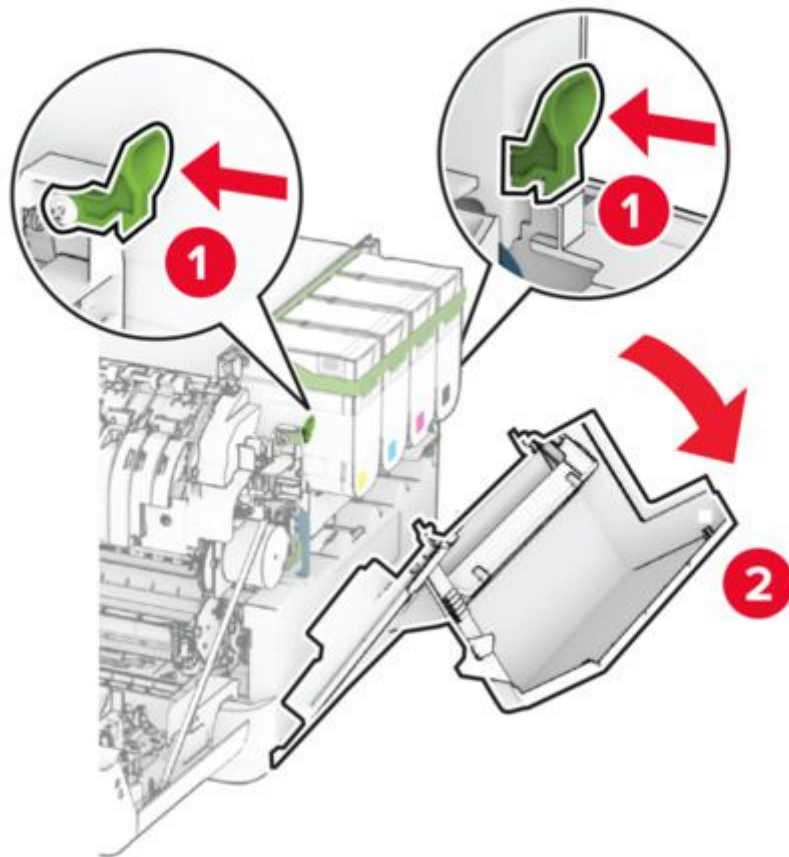


CAUTION—HOT SURFACE

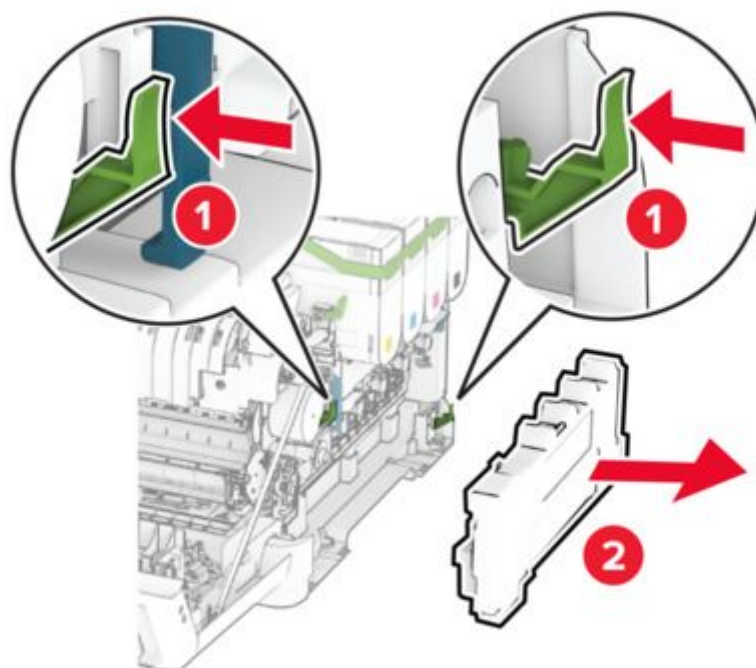
The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.



3. Remove the right cover.

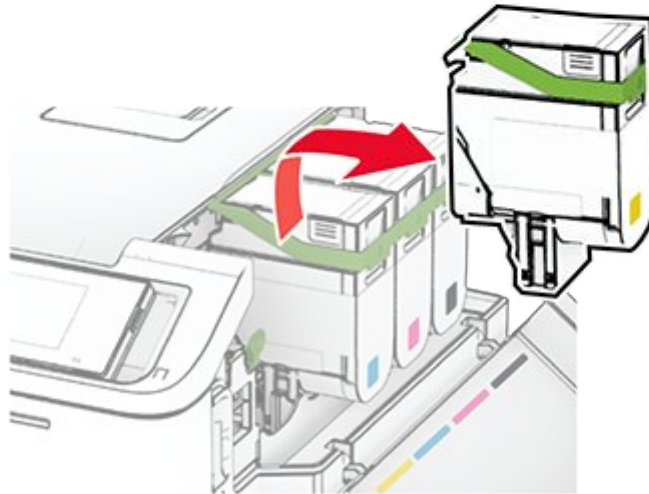
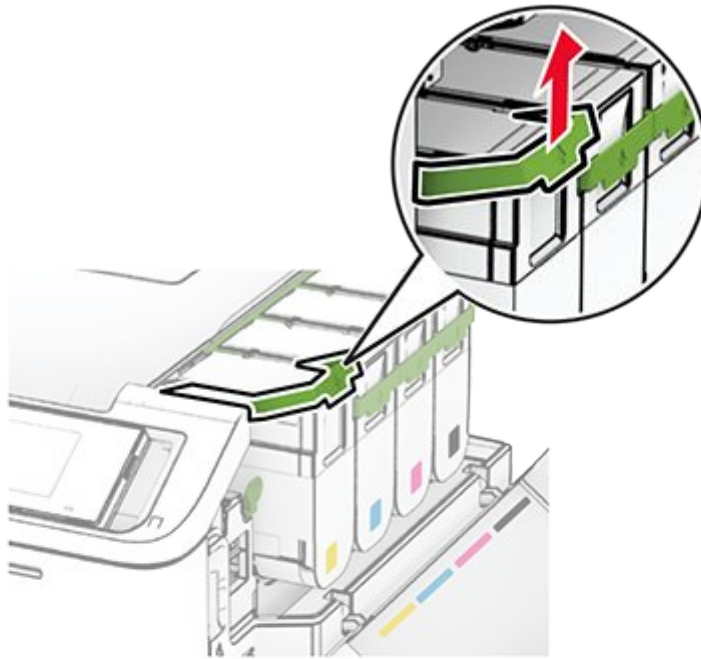


4. Remove the waste toner bottle.

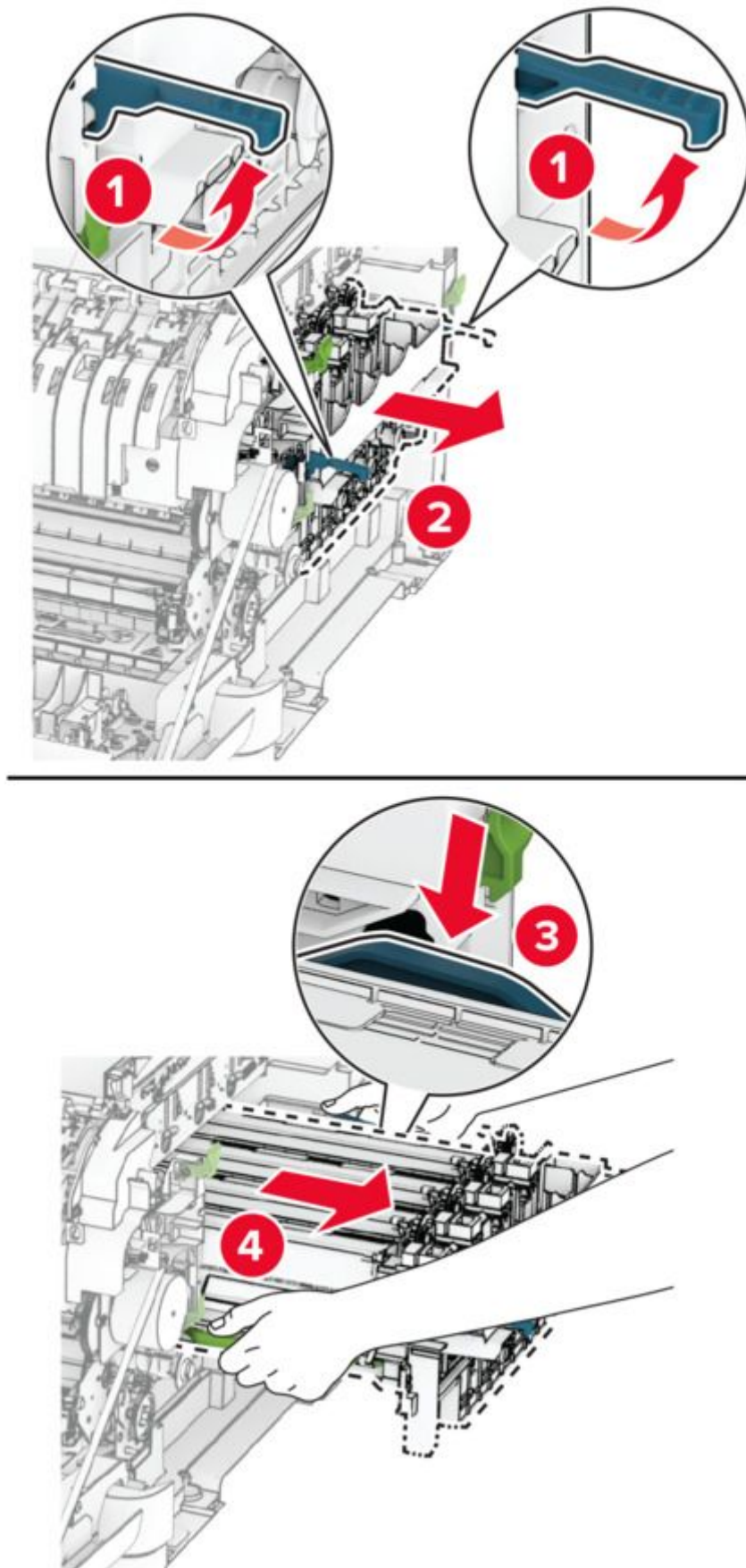


Note: To avoid spilling the toner, place the bottle in an upright position.

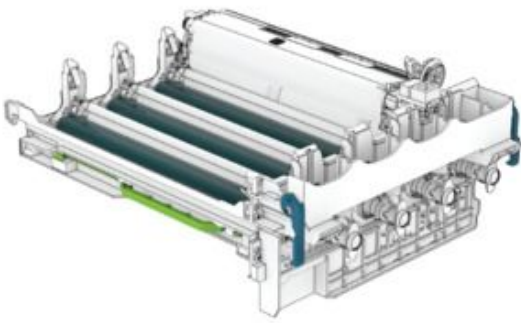
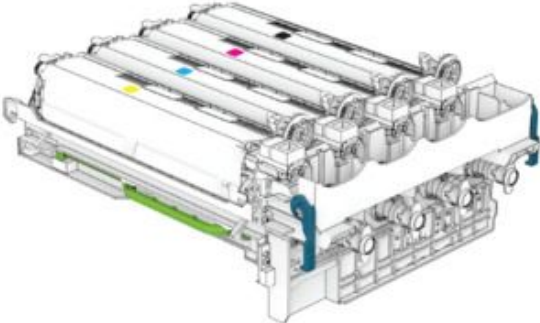
5. Remove the toner cartridges.



6. Remove the used imaging kit.



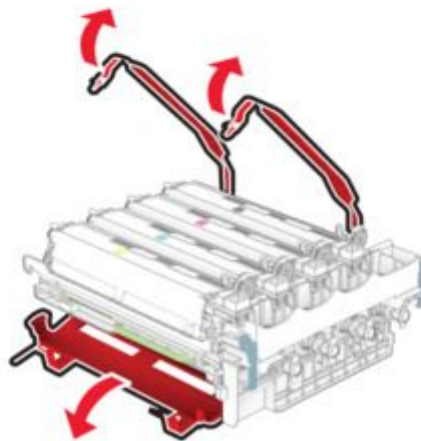
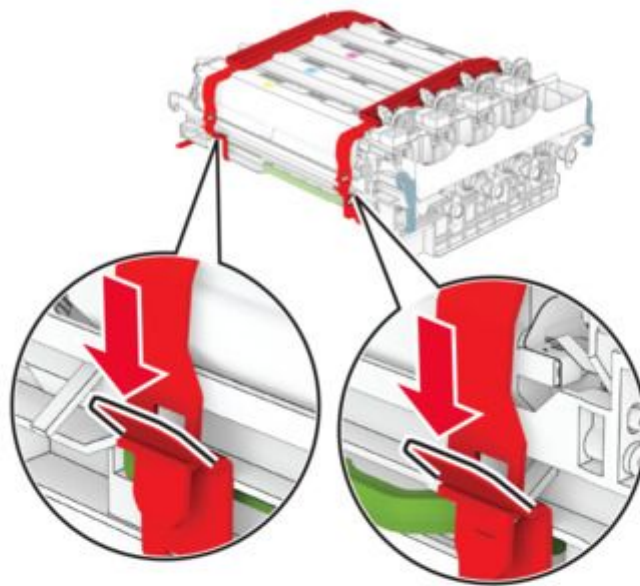
7. Unpack the new imaging kit.

Black imaging kit	Black and color imaging kit
	

Notes

- The black imaging kit includes the imaging kit and the black developer unit.
- The black and color imaging kit includes the imaging kit and the black, cyan, magenta, and yellow developer units.
- When replacing the black imaging kit, save the cyan, magenta, and yellow developer units from the used imaging kit.

8. Remove the packing material.



Note: If you are replacing the black imaging kit, then insert the magenta, cyan, and yellow developer units into the new imaging kit.

Warning—Potential Damage

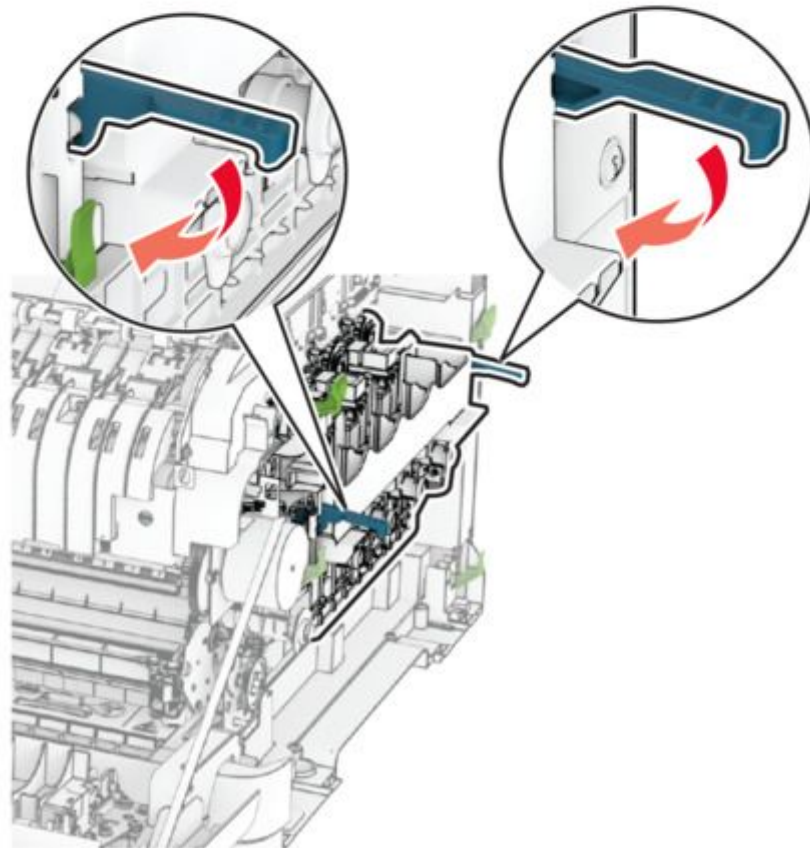
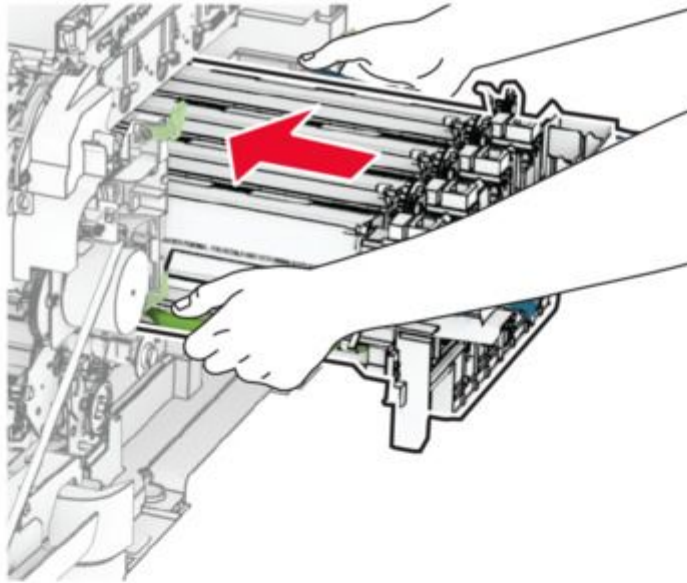
Do not expose the imaging kit to direct light. Extended exposure to light may cause print quality problems.

Warning—Potential Damage

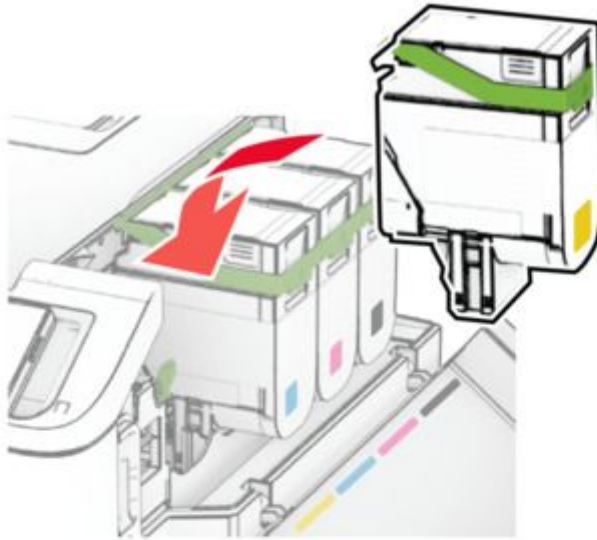
Do not touch the photoconductor drum. Doing so may affect the quality of future print jobs.



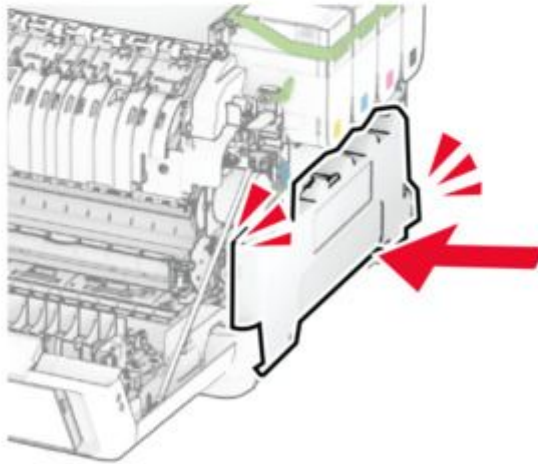
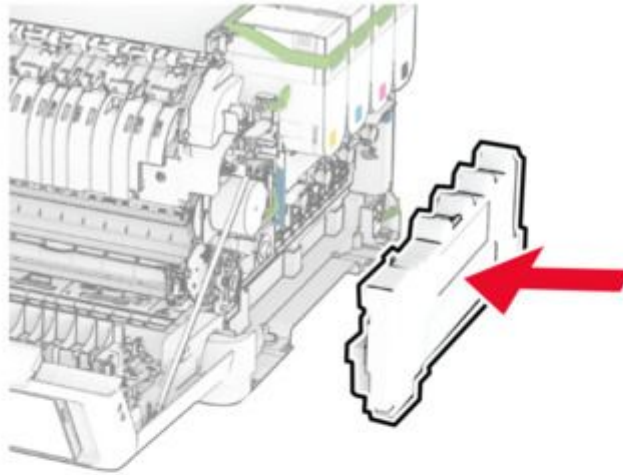
9. Insert the new imaging kit until it is fully seated.



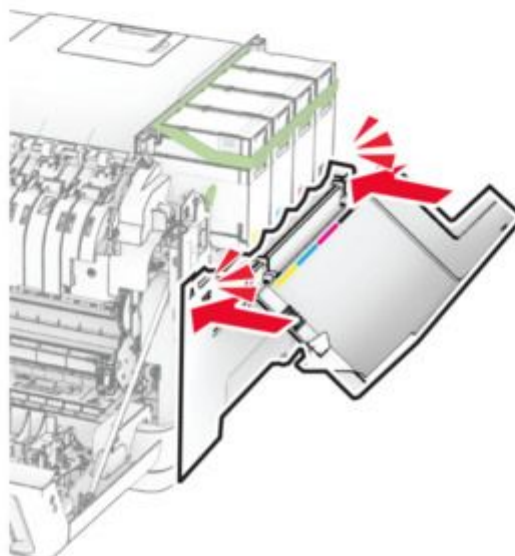
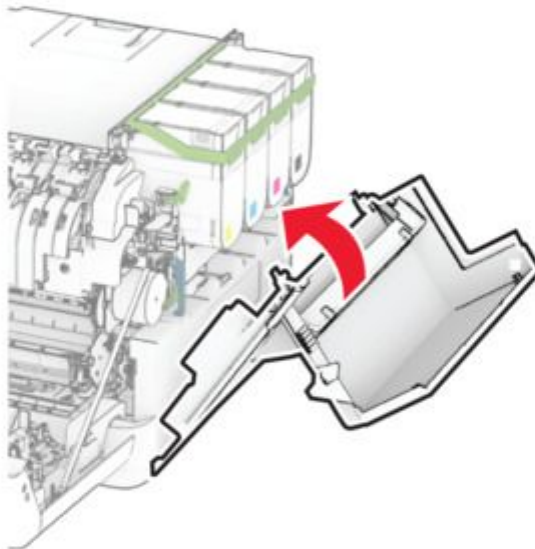
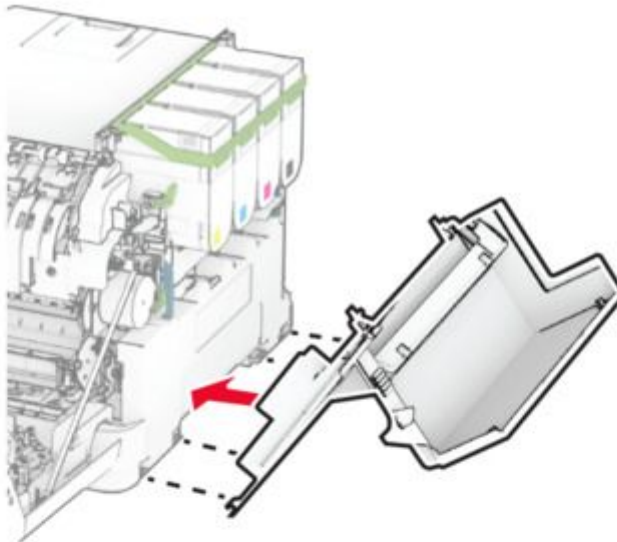
10. Insert the toner cartridges until they click into place.



11. Insert the waste toner bottle until it clicks into place.



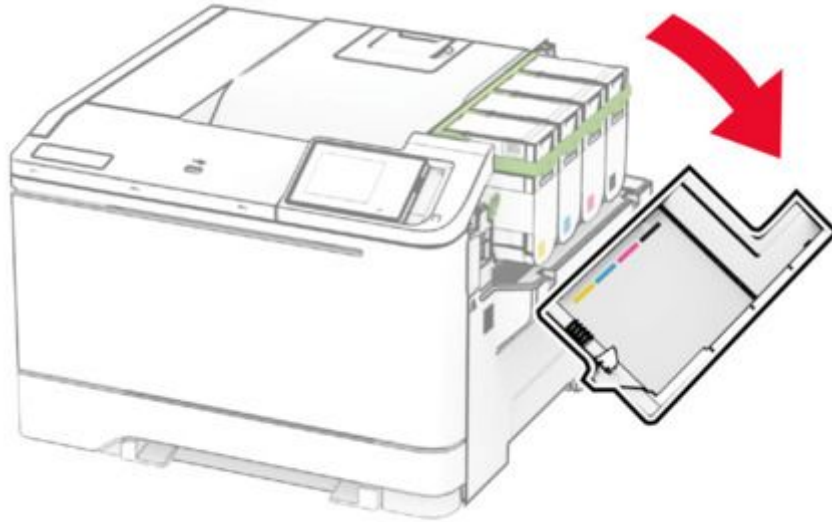
12. Attach the right cover until it clicks into place.



13. Close door A, and then close door B.

Replacing the waste toner bottle

1. Open door B.

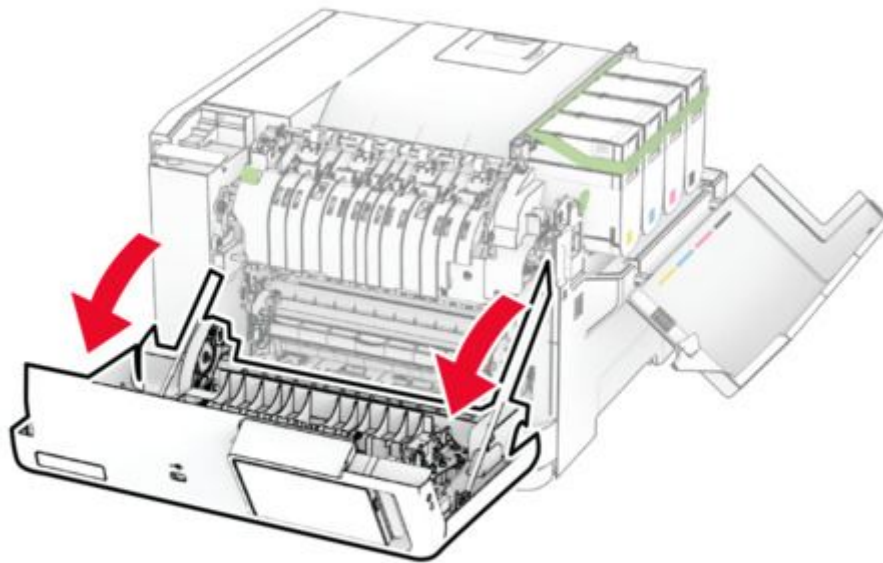


2. Open door A.

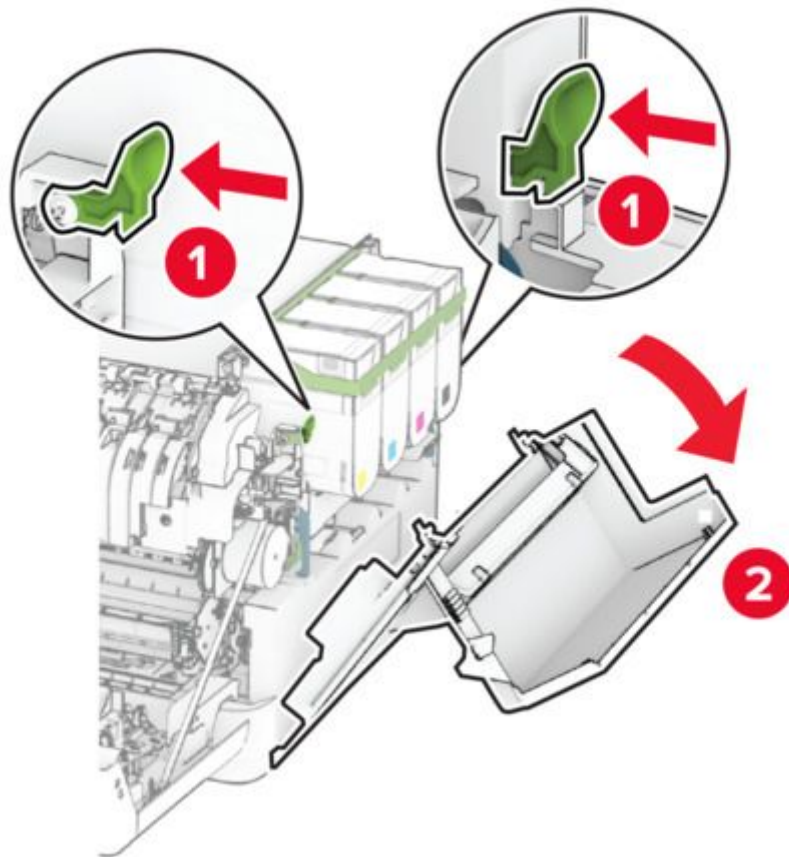


CAUTION—HOT SURFACE

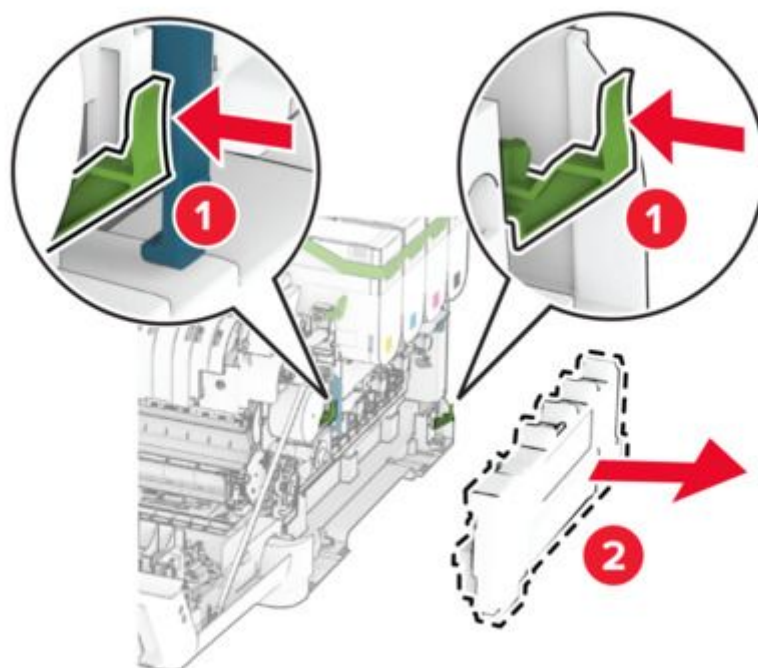
The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.



3. Remove the right cover.

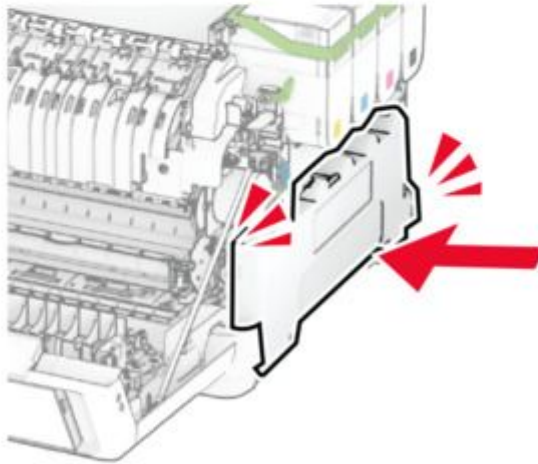
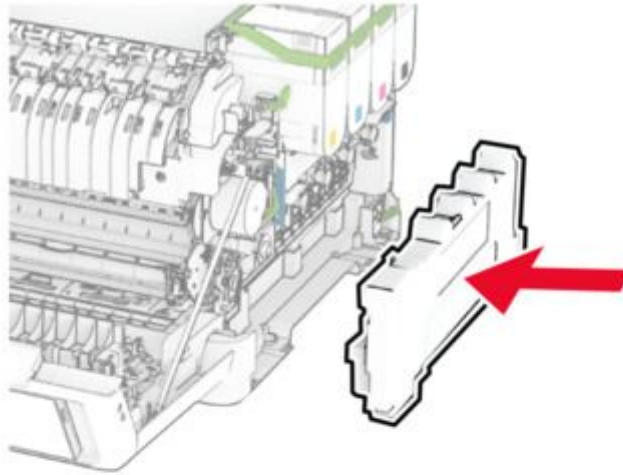


4. Remove the used waste toner bottle.

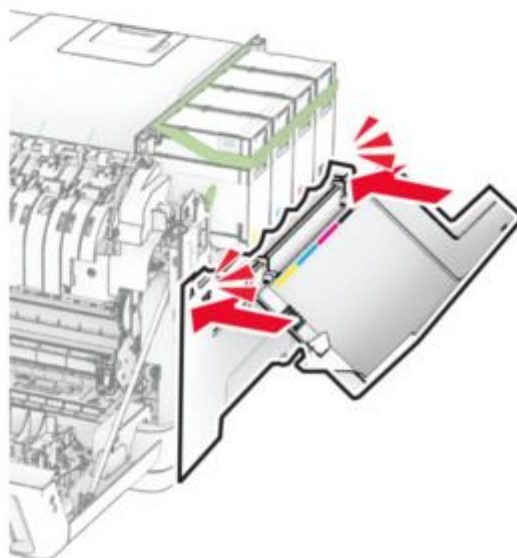
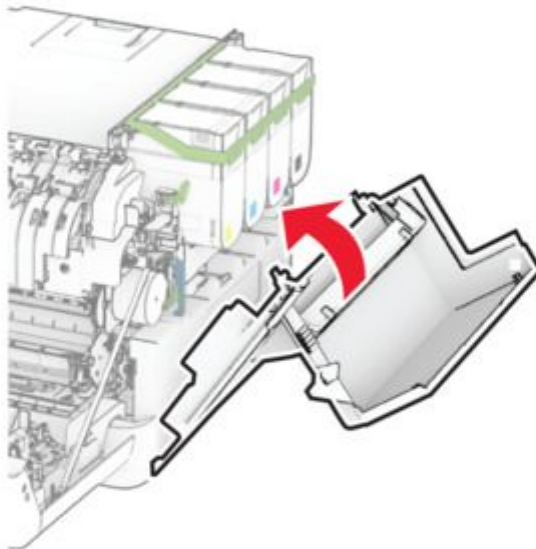
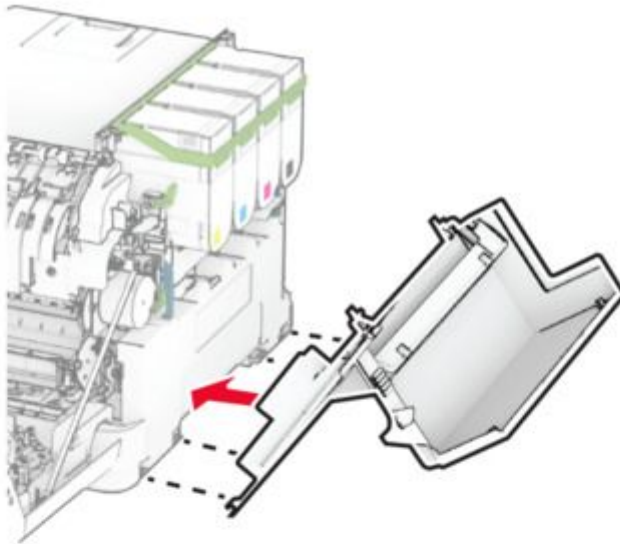


Note: To avoid spilling the toner, place the bottle in an upright position.

5. Unpack the new waste toner bottle.
6. Insert the new waste toner bottle until it clicks into place.



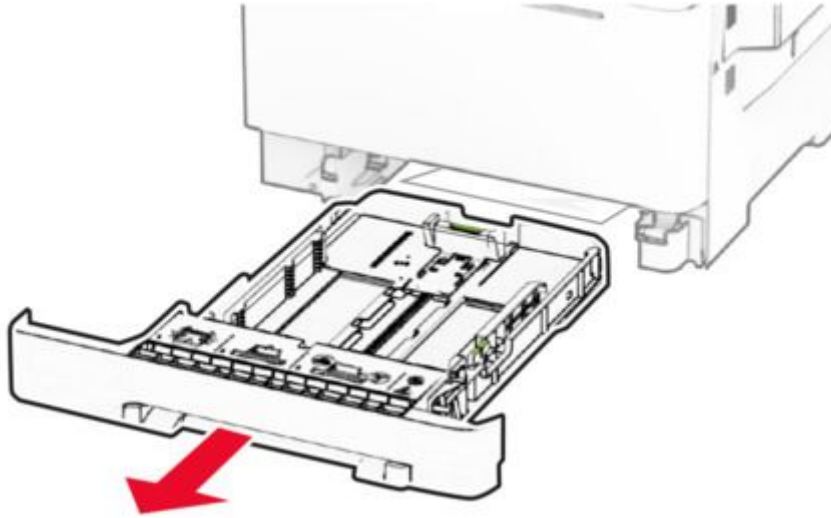
7. Attach the right cover until it clicks into place.



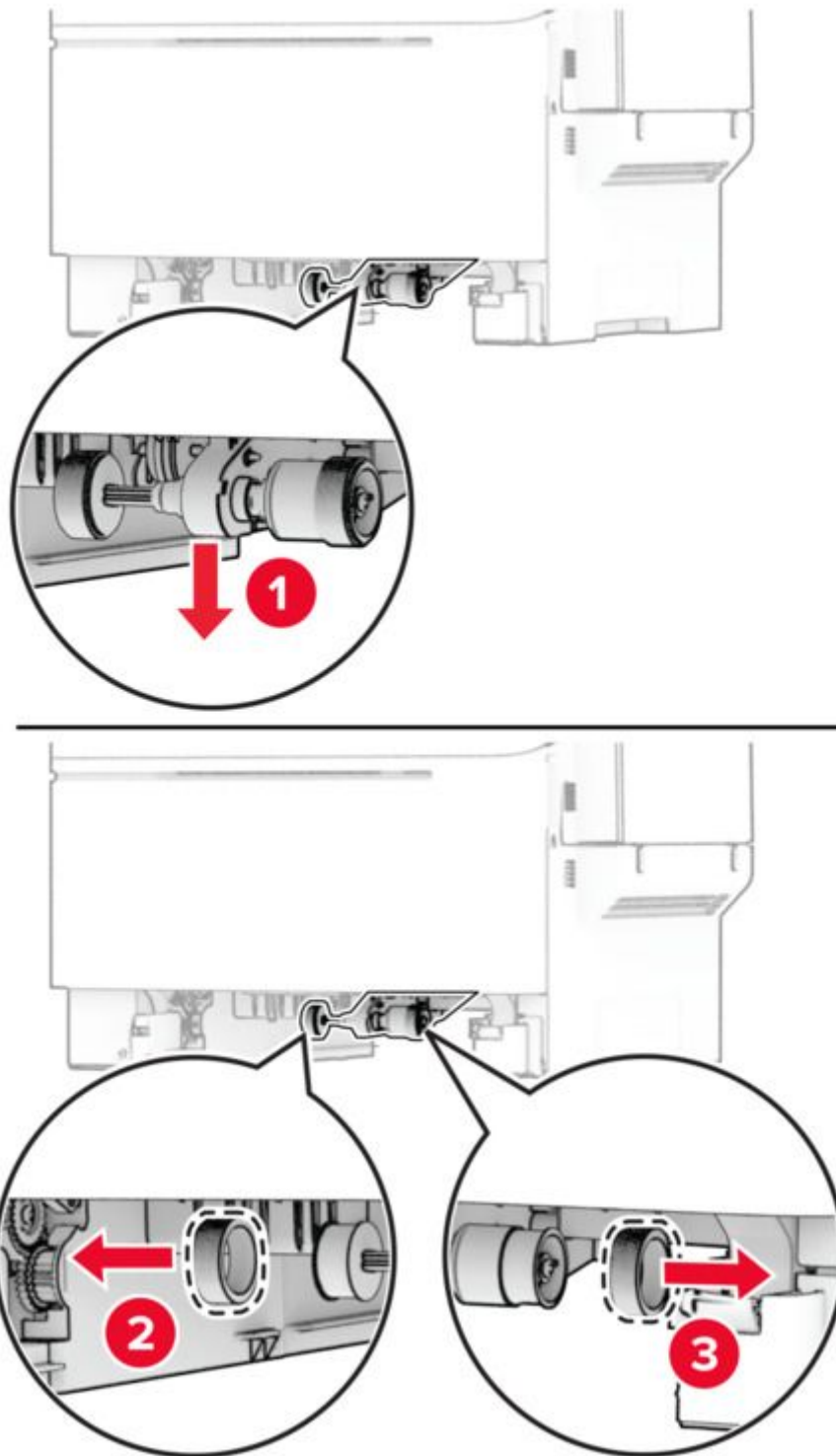
8. Close door A, and then close door B.

Replacing the pick tires

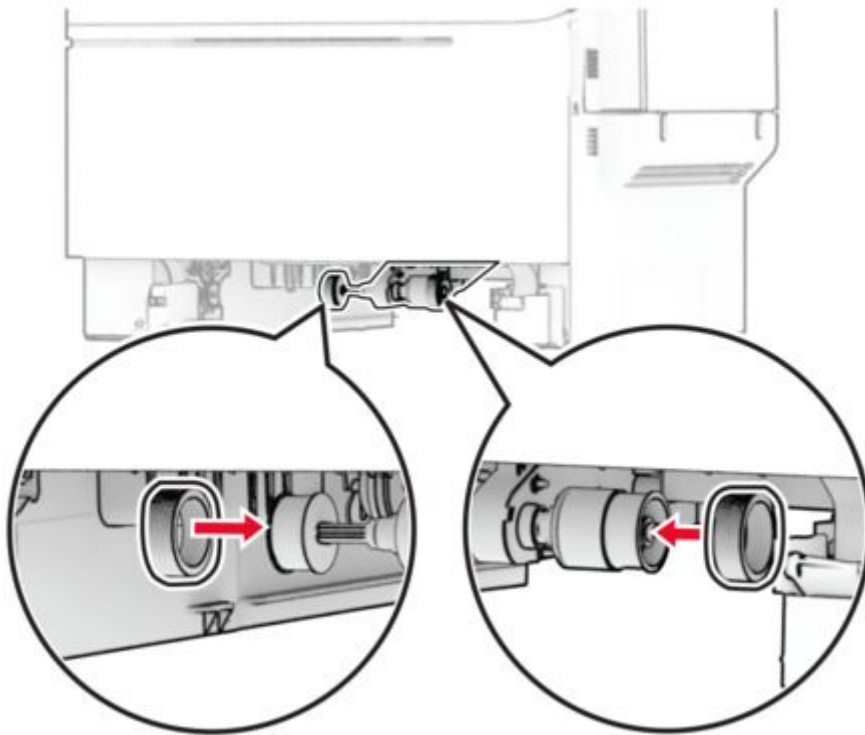
1. Turn off the printer.
2. Unplug the power cord from the electrical outlet, and then from the printer.
3. Remove the tray.



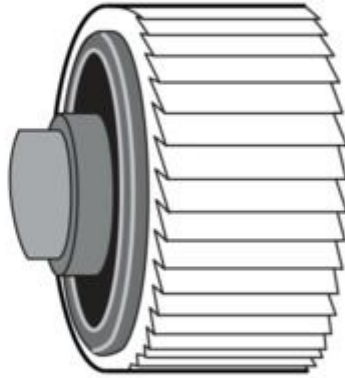
4. Remove the used pick tires.



5. Unpack the new pick tires.
6. Insert the new pick tires.



Note: Make sure that the edges of the pick tire treads are facing downward.



7. Insert the tray.
8. Connect the power cord to the printer, and then to the electrical outlet.

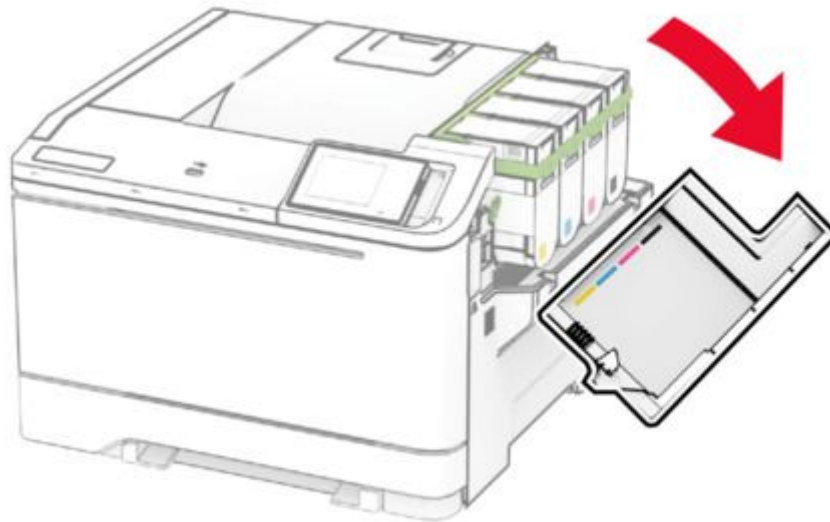
**CAUTION—POTENTIAL INJURY**

To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

9. Turn on the printer.

Replacing the right cover

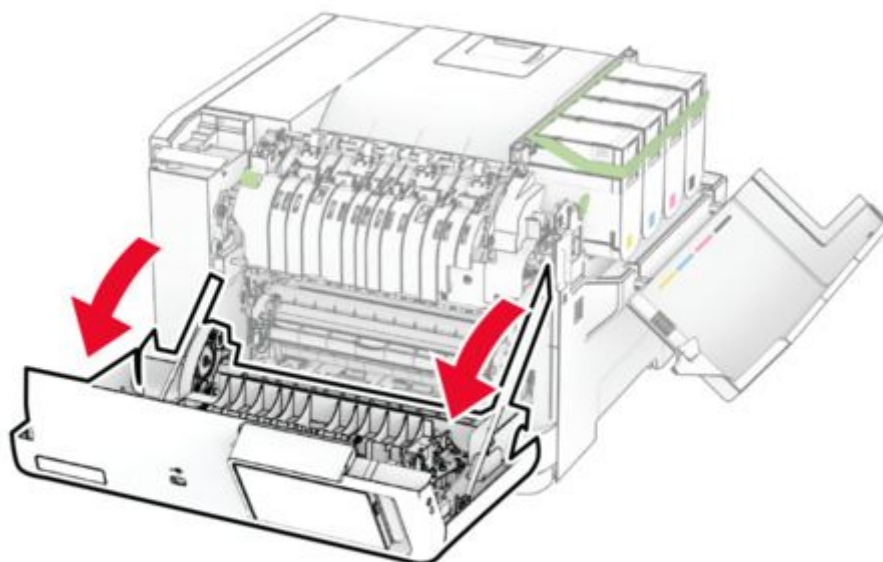
1. Open door B.



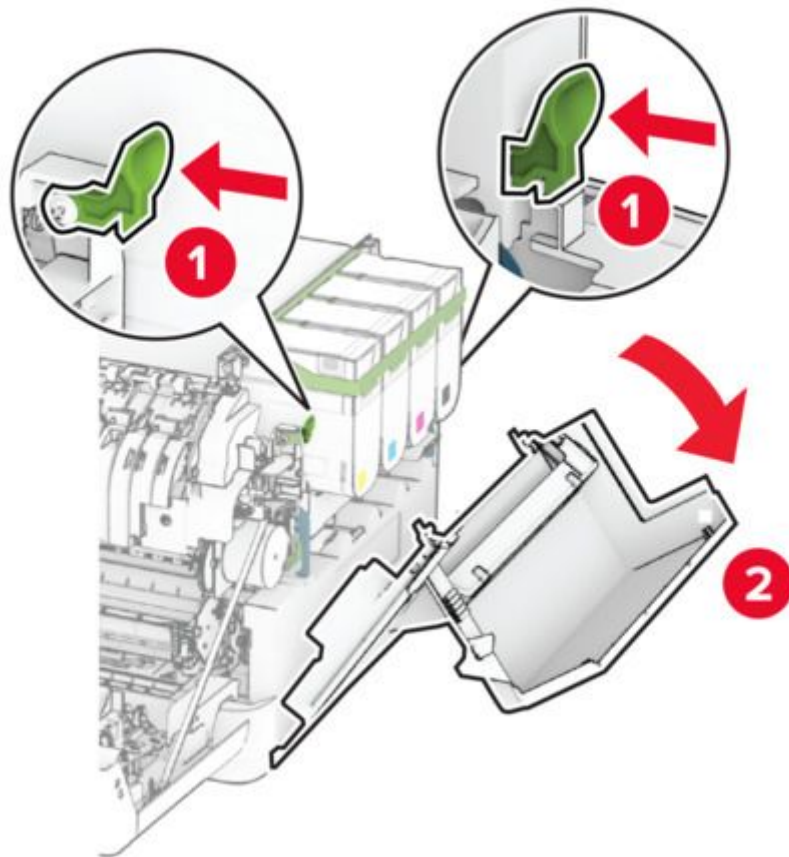
2. Open door A.

**CAUTION—HOT SURFACE**

The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.



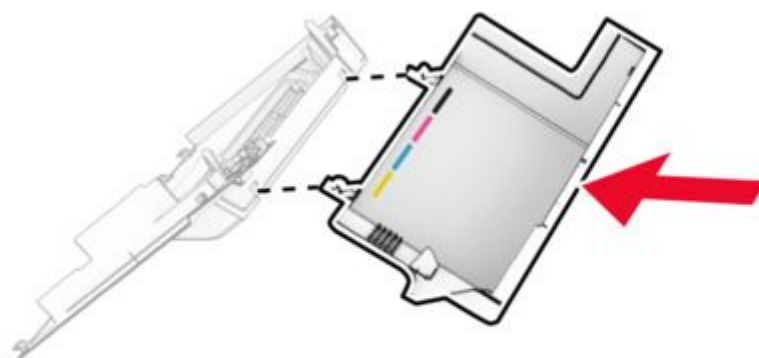
3. Remove the used right cover.



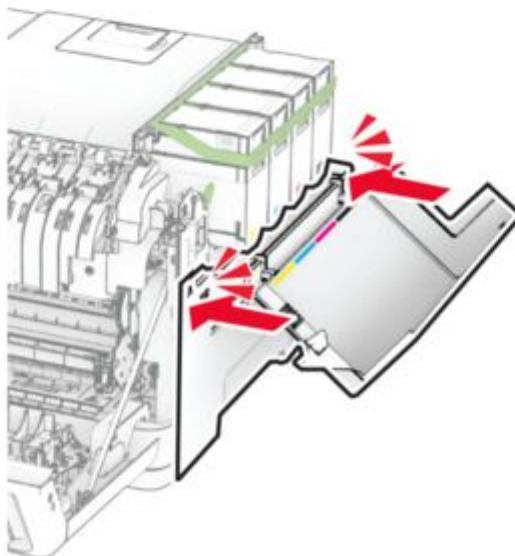
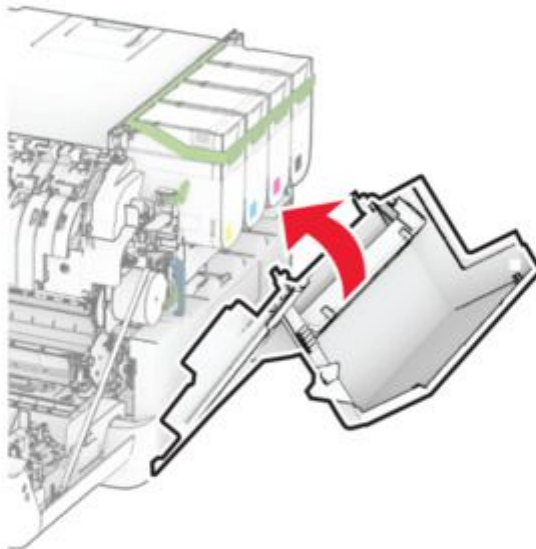
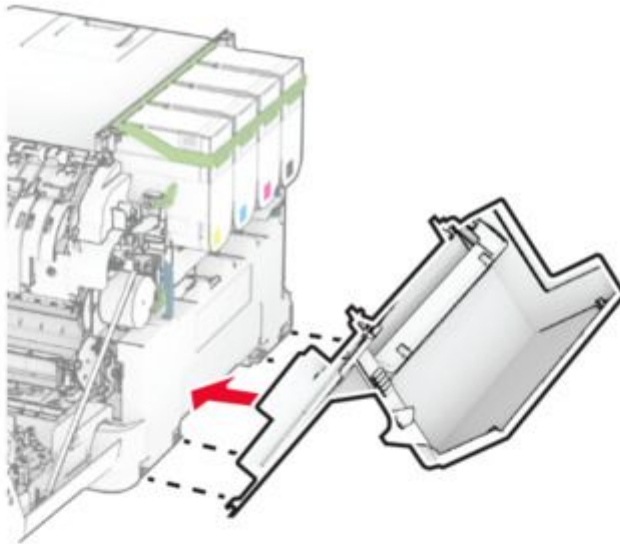
4. Remove door B from the used right cover.



5. Unpack the new right cover.
6. Attach door B to the new right cover.



7. Attach the new right cover until it clicks into place.



8. Close door A, and then close door B.

Replacing MarkNet™ N8450 Wireless Print Server



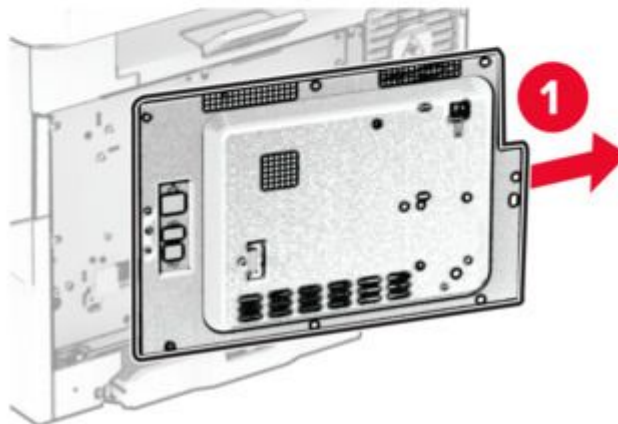
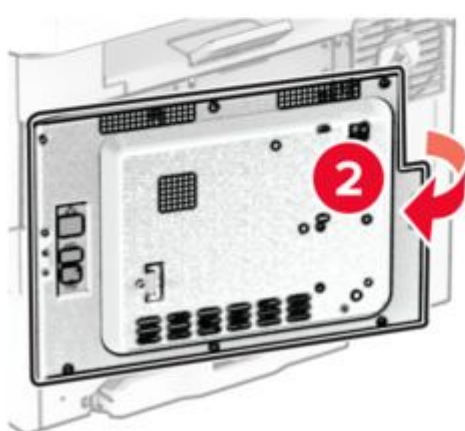
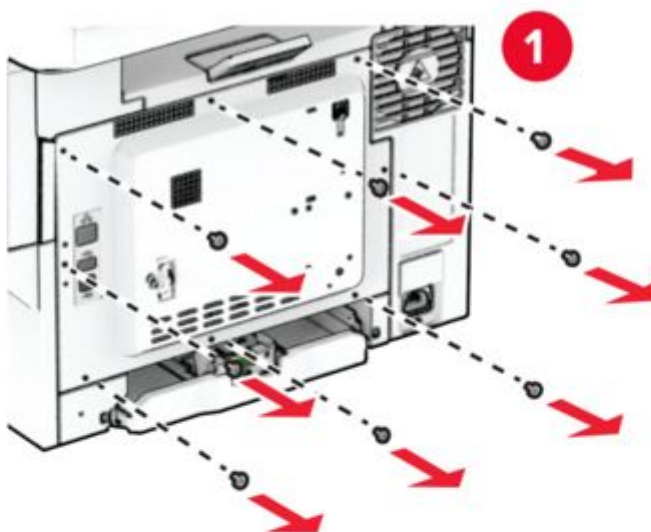
CAUTION—SHOCK HAZARD

To avoid the risk of electrical shock, if you are accessing the controller board or installing optional hardware or memory devices sometime after setting up the printer, then turn the printer off, and unplug the power cord from the electrical outlet before continuing. If you have any other devices attached to the printer, then turn them off as well, and unplug any cables going into the printer.

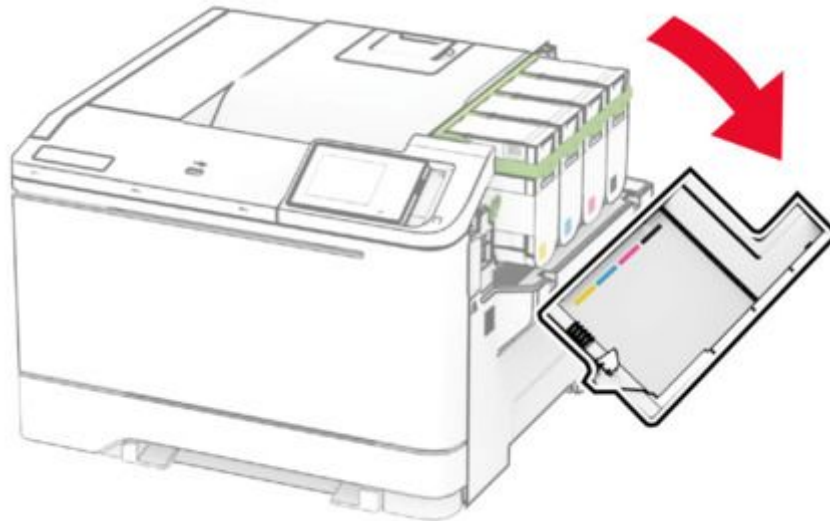
1. Turn off the printer.
2. Unplug the power cord from the electrical outlet, and then from the printer.
3. Using a flat-head screwdriver, remove the controller board shield.

Warning—Potential Damage

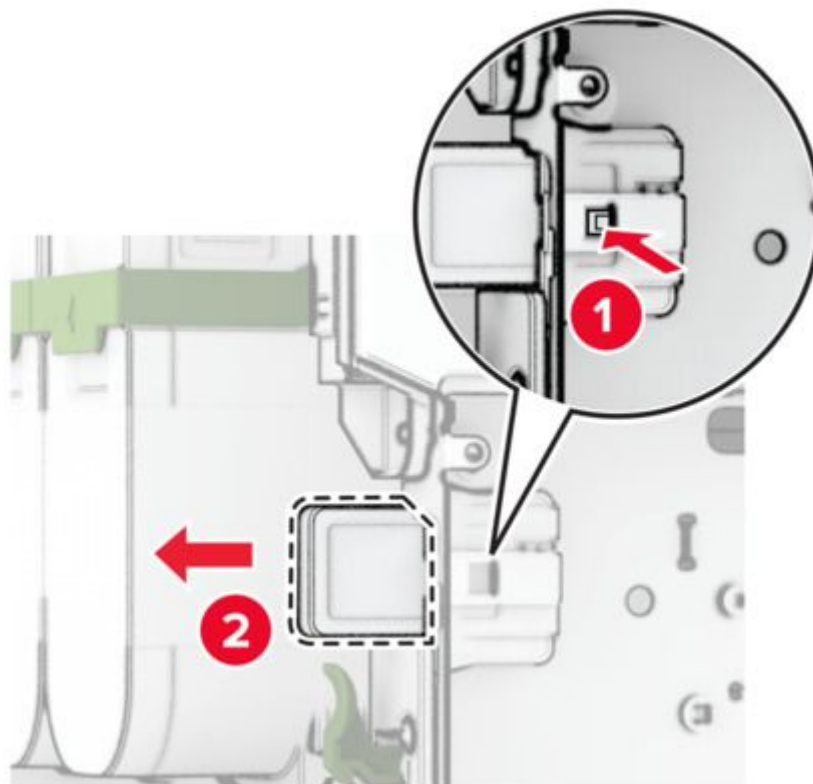
Controller board electronic components are easily damaged by static electricity. Touch a metal surface on the printer before touching any controller board components or connectors.



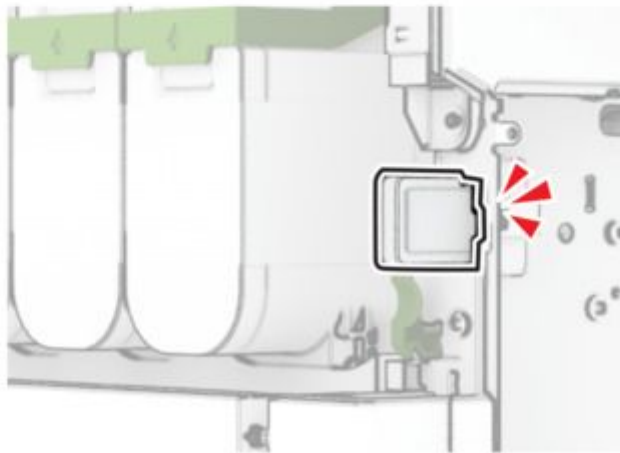
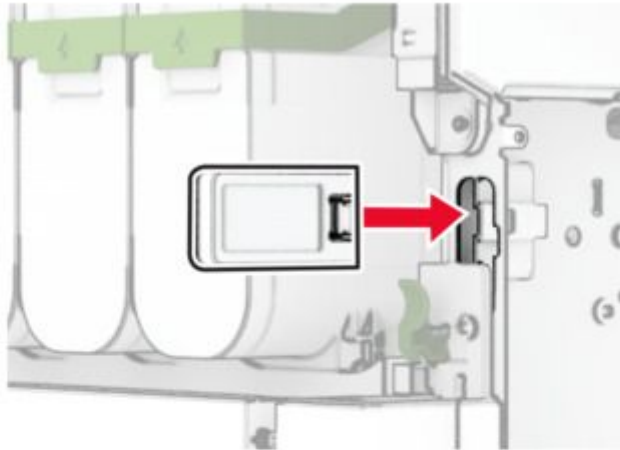
4. Open door B.



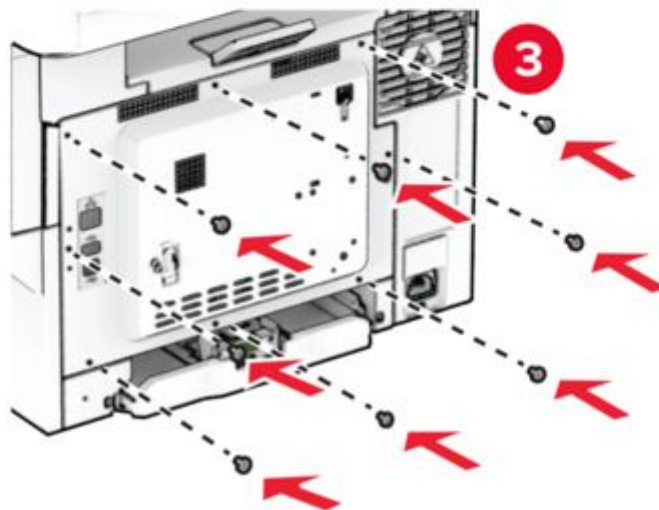
5. Remove the used wireless print server.



6. Unpack the new wireless print server.
7. Insert the new wireless print server until it clicks into place.



8. Close door B.
9. Attach the controller board shield, and then install the screws.



10. Connect the power cord to the printer, and then to the electrical outlet.



CAUTION—POTENTIAL INJURY

To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

11. Turn on the printer.

Resetting the supply usage counters

1. From the control panel, navigate to **Settings** › **Device** › **Maintenance** › **Configuration Menu** › **Supply Usage And Counters**.
2. Select the counter that you want to reset.

Warning—Potential Damage

Supplies and parts without Return Program agreement terms may be reset and remanufactured. However, the manufacturer's warranty does not cover any damage caused by non-genuine supplies or parts. Resetting counters on the supply or part without proper remanufacturing can cause damage to your printer. After resetting the supply or part counter, your printer may display an error indicating the presence of the reset item.

Cleaning the exterior of the printer

Regular maintenance of your printer is essential to ensure its longevity and optimal performance. When cleaning the printer, take the necessary precautions to avoid damage. Damage to the printer caused by improper handling is not covered by the printer warranty.

1. Turn off the printer, and then unplug the power cord from the electrical outlet.



CAUTION—SHOCK HAZARD

To avoid the risk of electrical shock when cleaning the exterior of the printer, unplug the power cord from the electrical outlet and disconnect all cables from the printer before proceeding.

2. Remove paper from the standard bin, the trays, and the multipurpose feeder or manual feeder.
3. Using a soft brush, remove any dust, lint, and pieces of paper around the printer.
4. Using a damp, soft, lint-free cloth, wipe the following areas:
 - Control panel
 - Standard bin
 - Trays
 - Multipurpose feeder or manual feeder
 - Front, sides, and rear of the printer

Warning—Potential Damage

- To avoid damaging the finish of the printer, do not use household cleaners or detergents.
- Do not use aerosol cleaners, as they may cause explosions or fires when used on electromechanical equipment.

5. Make sure that all areas of the printer are dry after cleaning.
6. Connect the power cord to the electrical outlet, and then turn on the printer.



CAUTION—POTENTIAL INJURY

To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

Saving energy and paper

Configuring the power save mode settings

Sleep mode

1. From the control panel, navigate to **Settings › Device › Power Management › Timeouts › Sleep Mode**.
2. Set the amount of time that the printer stays idle before it enters **Sleep Mode**.

Hibernate mode

1. From the control panel, navigate to **Settings › Device › Power Management › Timeouts › Hibernate Timeout**.
2. Set the amount of time that the printer stays idle before it enters Hibernate mode.

Notes

- For **Hibernate Timeout** to work, set **Hibernate Timeout on Connection to Hibernate**.
- The Embedded Web Server is disabled when the printer is in Hibernate mode.

Adjusting the brightness of the display

1. From the control panel, navigate to **Settings › Device › Preferences**.
2. In the **Screen Brightness** menu, adjust the setting.

Conserving supplies

- Print on both sides of the paper.

Note: Two-sided printing is the default setting in the printer.

- Print multiple pages on a single sheet of paper.
- Use the preview feature to see how the document looks like before printing it.
- Print one copy of the document to check its content and format for accuracy.

Moving the printer to another location



CAUTION—POTENTIAL INJURY

If the printer weight is greater than 20 kg (44 lb), then it may require two or more people to lift it safely.



CAUTION—POTENTIAL INJURY

To avoid the risk of fire or electrical shock, use only the power cord provided with this product or the manufacturer's authorized replacement.



CAUTION—POTENTIAL INJURY

When moving the printer, follow these guidelines to avoid personal injury or printer damage:

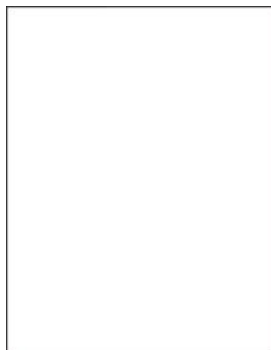
- Make sure that all doors and trays are closed.
- Turn off the printer, and then unplug the power cord from the electrical outlet.
- Disconnect all cords and cables from the printer.
- If the printer has separate floor-standing optional trays or output options attached to it, then disconnect them before moving the printer.
- If the printer has a caster base, then carefully roll it to the new location. Use caution when passing over thresholds and breaks in flooring.
- If the printer does not have a caster base but is configured with optional trays or output options, then remove the output options and lift the printer off the trays. Do not try to lift the printer and any options at the same time.
- Always use the handholds on the printer to lift it.
- Any cart used to move the printer must have a surface able to support the full footprint of the printer.
- Any cart used to move the hardware options must have a surface able to support the dimensions of the options.
- Keep the printer in an upright position.
- Avoid severe jarring movements.
- Make sure that your fingers are not under the printer when you set it down.
- Make sure that there is adequate clearance around the printer.

Note: Damage to the printer caused by improper moving is not covered by the printer warranty.

Troubleshoot a problem

Print quality problems

Find the image that resembles the print quality problem you are having, and then click the link below it to read problem-solving steps.



[Blank or white pages on page 193](#)



[Dark print on page 194](#)



[Ghost images on page 196](#)



[Gray or colored background on page 197](#)



[Incorrect margins on page 199](#)



[Light print on page 200](#)



[Missing colors on page 202](#)



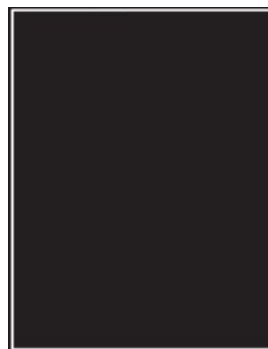
[Mottled print and dots on page 203](#)



[Paper curl on page 205](#)



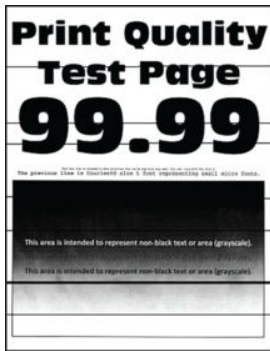
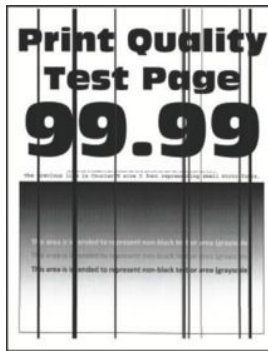
[Print crooked or skewed on page 207](#)



[Solid color or black images on page 208](#)



[Text or images cut off on page 209](#)

 Toner easily rubs off on page 210	 Uneven print density on page 211	 Horizontal dark lines on page 212	 Vertical dark lines on page 213
 Horizontal white lines on page 215	 Vertical white lines on page 216	 Repeating defects on page 218	

Printer error codes

Error codes	Error message	Solution
8.01	Close all doors.	Keep all doors closed unless performing maintenance.
9.00	Printer had to restart. Last job may be incomplete.	Touch Continue to clear the message and continue printing.
11.11, 11.21, 11.31, 11.41	Load <source/> with <type/> <size/>.	Open the indicated tray, and then load paper. For more information, see Loading trays on page 44 .
11.12, 11.22, 11.32, 11.42	Load <source/> with <type/> <size/> <orientation/>.	
11.81	Load <source/> with <type/> <size/>.	Adjust the paper guides, and then load paper. For more information, see Loading the manual feeder on page 46 .
11.82	Load <source/> with <type/> <size/> <orientation/>.	
11.91	Load multipurpose feeder with <type/> <size/>.	Open the multipurpose feeder, and then load paper. For more information, see Loading the multipurpose feeder on page 48 .
11.92	Load multipurpose feeder with <type/> <size/> <orientation/>.	

Error codes	Error message	Solution
12.11	Change <source/> to <type/> <size/>.	Open the indicated tray, remove paper, and then load the correct paper type and size. For more information, see Loading trays on page 44 .
12.12	Change <source/> to <type/> <size/> <orientation/>.	
12.91	Change multipurpose feeder to <type/> <size/>.	Remove paper, and then load the correct paper type and size. For more information, see Loading the multipurpose feeder on page 48 .
12.92	Change multipurpose feeder to <type/> <size/> <orientation/>.	
29.08	Remove packing material.	1. Open door A. 2. Remove the red packing material behind the front door. 3. Open door B. 4. Remove the packing material near the toner cartridges. 5. Close door B, and then close door A.
31.35z	Reinstall missing or unresponsive waste toner bottle.	1. Open door A. Warning—Potential Damage The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it. 2. Open door B. 3. Remove the right cover. 4. Remove the waste toner bottle. 5. Align, and then insert the waste toner bottle. 6. Align, and then attach the right cover. 7. Close door B, and then close door A.

Error codes	Error message	Solution
31.40z, 31.41z, 31.42z, 31.43z	Reinstall missing or unresponsive [color] cartridge.	1. Open door B. 2. Remove the cartridge. 3. Insert the cartridge. 4. Close door B.
31.60z	Reinstall missing or unresponsive black imaging kit.	1. Open door A.
31.65z	Reinstall missing, unplugged, or unresponsive black and color imaging kit.	Warning—Potential Damage The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it. 2. Open door B. 3. Remove all toner cartridges. 4. Remove the right cover. 5. Remove the waste toner bottle. 6. Pull out the imaging kit. 7. Insert the imaging kit until it is fully seated. 8. Align, and then insert the waste toner bottle. 9. Align, and then attach the right cover. 10. Insert the toner cartridges. 11. Close door B, and then close door A.
32.40z, 32.41z, 32.42z, 32.43z	Replace unsupported [color] cartridge.	For more information, see Replacing a toner cartridge on page 147 .
32.65z	Replace unsupported black and color imaging kit.	For more information, see Replacing an imaging kit on page 149 .
33.40, 33.41, 33.42, 33.43	Refilled regular [color] cartridge.	See Refilled regular cartridge .

Troubleshoot a problem

Error codes	Error message	Solution
33.65	Non-Lexmark black and color imaging kit, see User's Guide.	For more information, see Non-Lexmark supply .
37.1	Insufficient memory to collate job.	Try one or more of the following: • Touch Continue to print the part of the job that is stored and to begin collating the rest of the print job. • Cancel the current print job.
37.3	Insufficient memory, some held jobs were deleted.	Touch Continue to clear the message and continue printing.
38.1	Memory full.	Try one or more of the following: • Touch Cancel job to clear the message. • Print the document in several parts, or send it to another printer. • Install more printer memory.

Error codes	Error message	Solution
39.1	Complex page, some data may not have printed.	Try one or more of the following: • Touch Continue to clear the message and continue printing. • Cancel the current print job. • Install more printer memory. • Reduce the complexity and size of the print job before sending it to print again. ◦ Reduce the number of pages in the print job. ◦ Reduce the number and size of any downloaded fonts. ◦ Delete any unnecessary fonts or macros from the print job. ◦ Reduce the number of graphics in the print job.
42.yy	Replace [color] cartridge, printer region mismatch.	For more information, see Replace cartridge, printer region mismatch on page 236 .
43.40y, 43.41y, 43.42y, 43.43y	[Color] cartridge problem.	1. Open door B. 2. Remove the toner cartridge. 3. Insert the toner cartridge. 4. Close door B. If the problem persists, then replace the cartridge.
43.40z, 43.41z, 43.42z, 43.43z	Replace defective [color] cartridge.	For more information, see Replacing a toner cartridge on page 147 .
55.1	Error reading USB drive. Remove USB.	Remove the flash drive to continue.

Error codes	Error message	Solution
55.2	Error reading USB hub. Remove hub.	Remove the USB hub to continue.
58	Too many trays attached. Only <x/> tray/s can be supported.	1. Turn off the printer. 2. Unplug the power cord from the electrical outlet, and then from the printer. 3. Remove one or more trays. 4. Connect the power cord to the electrical outlet, and then turn on the printer. CAUTION— POTENTIAL INJURY To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

Error codes	Error message	Solution
59	Incompatible tray [x].	1. Turn off the printer. 2. Unplug the power cord from the electrical outlet, and then from the printer. 3. Remove the indicated tray. 4. Connect the power cord to the electrical outlet, and then turn on the printer.  CAUTION— POTENTIAL INJURY To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.
61	Remove defective disk.	Replace the defective storage drive.
62	Disk full.	Try one or more of the following: • Touch Continue to clear the message. • Delete fonts, macros, and other data stored in the intelligent storage drive. • Install an intelligent storage drive.

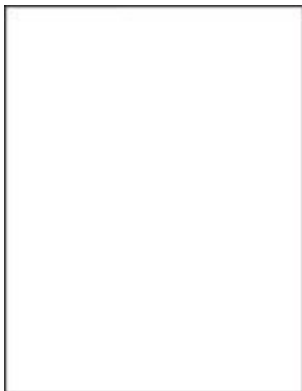
Error codes	Error message	Solution
63	Format the disk.	Formatting now wipes all information from the storage drive. To format the disk, do the following: 1. From the home screen, touch Settings > Device > Maintenance > Out of Service Erase. 2. Touch Sanitize all information on hard disk or Erase Intelligent Storage Drive, and then touch ERASE.
71.4	Incorrect printer time.	To set the correct printer time, do the following: 1. From the home screen, touch Settings > Device > Preferences. 2. Touch Date and Time, and then set the correct time.
80.11	Maintenance kit low.	Touch Continue to clear the message.
80.21	Maintenance kit very low.	
84.01, 84.09	Black and color imaging kit nearly low.	Touch Continue to clear the message.
84.11, 84.19	Black and color imaging kit low.	
84.21, 84.23, 84.29	Black and color imaging kit very low.	
84.31, 84.33	Replace [color] imaging kit, recommended life exceeded.	For more information, see Replacing an imaging kit on page 149 .
84.41, 84.43, 84.48	Replace [color] imaging kit to resume printing.	
88.00, 88.08, 88.09	[Color] cartridge nearly low.	Touch Continue to clear the message.
88.10, 88.18, 88.19	[Color] cartridge low.	
88.20, 88.28, 88.29	[Color] cartridge very low.	
88.30, 88.37, 88.38	Replace [color] cartridge, <num/> estimated pages remain.	For more information, see Replacing a toner cartridge on page 147 .
	Replace [color] cartridge.	

Error codes	Error message	Solution
88.40, 88.47, 88.48	Replace [color] cartridge, 0 pages remain.	
200.02, 200.03, 200.05, 200.06, 200.12, 200.13, 200.15, 200.16, 200.22, 200.23, 200.25, 200.32, 200.33, 200.35, 200.43, 200.45, 200.91, 200.99, 202.03, 202.04, 202.05, 202.13, 202.14, 202.15, 202.23, 202.24, 202.25, 202.33, 202.34, 202.35, 202.43, 202.44, 202.45, 202.91, 232.02, 232.03, 232.05, 232.12, 232.13, 232.15, 232.22, 232.23, 232.25, 232.32, 232.33, 232.35, 232.42, 232.43, 232.45, 232.92, 232.93, 232.95, 241.91	Paper jam, [jam header]. [xxx.yy]	For more information, see Paper jam in door A on page 226 .
241.05, 241.82, 241.83, 241.84, 241.91, 242.05, 242.06, 242.21, 242.22, 242.25, 242.26, 242.31, 242.32, 242.33, 242.35, 242.36, 242.43, 242.45, 242.70, 242.72, 242.91, 242.92, 242.93, 242.95, 243.31, 243.32, 243.35, 243.36, 243.41, 243.42, 243.43, 243.45, 243.70, 243.71, 243.72, 243.73, 243.74, 243.75, 243.76, 243.80, 243.81, 243.82, 243.83, 243.84, 243.85, 243.86, 243.91, 243.92, 243.93, 243.95, 243.96, 243.97, 244.45, 244.46, 244.70, 244.71, 244.72, 244.73, 244.74, 244.75, 244.76, 244.80, 244.81, 244.82, 244.83, 244.84, 244.85, 244.86, 244.91, 244.92, 244.93, 244.95, 244.96, 244.97	Paper jam, [jam header]. [xxx.yy]	For more information, see Paper jam in trays on page 231 .
242.05	Paper jam, [jam header]. [xxx.yy]	For more information, see Paper jam in the multipurpose feeder on page 232 .
251.xx	Paper jam, [jam header]. [xxx.yy]	For more information, see Paper jam in the manual feeder on page 232 .
200.16, 241.8y	Paper loading error, [jam header]. [xxx.yy]	For more information, see Paper jam in trays on page 231 .

Printing problems

Print quality is poor

Blank or white pages



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Check if the printer is using a genuine and supported Lexmark toner cartridge.

Note: If the cartridge is not supported, then install a supported one.

- b. Print the document.

Is the printer printing blank or white pages?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

2. Perform the following tests:
 - a. Remove the imaging kit.

Warning—Potential Damage

Do not expose the imaging kit to direct light for more than 10 minutes. Extended exposure to light may cause print quality problems.

Warning—Potential Damage

Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.

- b. Insert the imaging kit.
- c. Print the document.

Is the printer printing blank or white pages?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Dark print



Note: Before solving the problem, print the quality sample pages to determine the missing color. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Perform Color Adjust.

From the home screen, touch **Settings > Print > Quality > Advanced Imaging > Color Adjust**.

- b. Print the document.

Is the print too dark?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

2. Perform the following tests:
 - a. Depending on your operating system, reduce the toner darkness from the Printing Preferences or Print dialog.

Note: You can also change the settings on the printer control panel. From the home screen, touch **Settings > Print > Quality > Toner Darkness**.

- b. Print the document.

Is the print too dark?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

3. Perform the following tests:

- a. Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.

Notes

- Make sure that the settings match the paper loaded in the tray.
- You can also change the settings on the printer control panel. From the home screen, touch **Settings > Paper > Tray Configuration > Paper Size/Type**.

- b. Print the document.

Is the print too dark?

- **Yes:**
Go to the next step.
- **No:**
Go to step 6.

4. Make sure that the paper has no texture or rough finishes.

Are you printing on textured or rough paper?

- **Yes:**
Go to the next step.
- **No:**
Go to step 6.

5. Perform the following tests:

- a. Replace textured or rough paper with plain paper.
- b. Print the document.

Is the print too dark?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

6. Perform the following tests:
 - a. Load paper from a fresh package.

Note: Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you are ready to use it.

- b. Print the document.

Is the print too dark?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Ghost images



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Load the tray with the correct paper type and weight.
 - b. Print the document.

Do ghost images appear on prints?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

2. Perform the following tests:
 - a. Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.

Notes

- Make sure that the setting matches the paper loaded in the tray.
- You can also change the setting on the printer control panel. From the home screen, touch **Settings > Paper > Tray Configuration > Paper Size/Type**.

- b. Print the document.

Do ghost images appear on prints?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

3. Perform the following tests:

- a. Perform Color Adjust.

From the home screen, touch **Settings > Print > Quality > Advanced Imaging > Color Adjust**.

- b. Print the document.

Do ghost images appear on prints?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Gray or colored background



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Depending on your operating system, increase toner darkness from the Printing Preferences or Print dialog.

Note: You can also change the setting on the printer control panel. From the home screen, touch **Settings > Print > Quality > Toner Darkness**.

- b. Print the document.

Does gray or colored background appear on prints?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

2. Perform the following tests:

- a. Perform Color Adjust.

From the home screen, touch **Settings > Print > Quality > Advanced Imaging > Color Adjust**.

- b. Print the document.

Does gray or colored background appear on prints?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

3. Perform the following tests:

- a. Remove the imaging kit.

Warning—Potential Damage

Do not expose the imaging kit to direct light for more than 10 minutes. Extended exposure to light may cause print quality problems.

Warning—Potential Damage

Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.

- b. Insert the imaging kit.

- c. Print the document.

Does gray or colored background appear on prints?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Incorrect margins



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Adjust the paper guides in the tray to the correct position for the paper loaded.
 - b. Print the document.

Are the margins correct?

- **Yes:**
The problem is solved.
- **No:**
Go to the next step.

2. Perform the following tests:
 - a. Depending on your operating system, specify the paper size from the Printing Preferences or Print dialog.

Notes

- Make sure that the setting matches the paper loaded.
- You can also change the setting on the printer control panel. From the home screen, touch **Settings > Paper > Tray Configuration > Paper Size/Type**.

- b. Print the document.

Are the margins correct?

- **Yes:**
The problem is solved.
- **No:**
Contact [customer support](#).

Light print



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:

a. Perform Color Adjust.

From the home screen, touch **Settings > Print > Quality > Advanced Imaging > Color Adjust**.

b. Print the document.

Is the print light?

◦ **Yes:**

Go to the next step.

◦ **No:**

The problem is solved.

2. Perform the following tests:

a. Depending on your operating system, increase toner darkness from the Printing Preferences or Print dialog.

Note: You can also change the setting on the printer control panel. From the home screen, touch **Settings > Print > Quality > Toner Darkness**.

b. Print the document.

Is the print light?

◦ **Yes:**

Go to the next step.

◦ **No:**

The problem is solved.

3. Perform the following tests:

a. Turn off Color Saver.

From the home screen, touch **Settings > Print > Quality > Color Saver**.

- b. Print the document.

Is the print light?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

4. Perform the following tests:

- a. Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.

Notes

- Make sure that the setting matches the paper loaded.
- You can also change the setting on the printer control panel. From the home screen, touch **Settings > Paper > Tray Configuration > Paper Size/Type**.

- b. Print the document.

Is the print light?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

5. Check if paper has texture or rough finishes.

Are you printing on textured or rough paper?

- **Yes:**
Go to the next step.
- **No:**
Go to step 7.

6. Perform the following tests:

- a. Replace textured or rough paper with plain paper.
- b. Print the document.

Is the print light?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

7. Perform the following tests:

- a. Load paper from a fresh package.

Note: Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you are ready to use it.

- b. Print the document.

Is the print light?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

8. Perform the following tests:
 - a. Remove the imaging kit.

Warning—Potential Damage

Do not expose the imaging kit to direct light for more than 10 minutes. Extended exposure to light may cause print quality problems.

Warning—Potential Damage

Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.

- b. Insert the imaging kit.
- c. Print the document.

Is the print too light?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Missing colors



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Remove the imaging kit.

Warning—Potential Damage

Do not expose the imaging kit to direct light for more than 10 minutes. Extended exposure to light may cause print quality problems.

Warning—Potential Damage

Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.

- b. Insert the imaging kit.
 - c. Print the document.

Are some colors missing on print?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Mottled print and dots



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Check the printer for leaked toner contamination.

Is the printer free of leaked toner?

- **Yes:**
Go to the next step.
- **No:**

Contact [customer support](#).

2. Perform the following tests:
 - a. From the home screen, touch **Settings > Paper > Tray Configuration > Paper Size/Type**.
 - b. Check if the paper size and paper type settings match the paper loaded.

Note: Make sure that the paper does not have texture or rough finishes.

Do the settings match?

- **Yes:**
Go to step 4.
 - **No:**
Go to the next step.
3. Perform the following tests:
 - a. Depending on your operating system, specify the paper size and paper type from the Printing Preferences or Print dialog.

Notes

- Make sure that the settings match the paper loaded in the tray.
- You can also change the settings on the printer control panel. From the home screen, touch **Settings > Paper > Tray Configuration > Paper Size/Type**.

- b. Print the document.

Is the print mottled?

- **Yes:**
Go to the next step.
 - **No:**
The problem is solved.
4. Perform the following tests:
 - a. Load paper from a fresh package.

Note: Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you are ready to use it.

- b. Print the document.

Is the print mottled?

- **Yes:**
Go to the next step.
 - **No:**
The problem is solved.
5. Perform the following tests:

- a. Remove the imaging kit.

Warning—Potential Damage

Do not expose the imaging kit to direct light for more than 10 minutes. Extended exposure to light may cause print quality problems.

Warning—Potential Damage

Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.

- b. Insert the imaging kit.
- c. Print the document.

Is the print mottled?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Paper curl



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Adjust the guides in the tray to the correct position for the paper loaded.
 - b. Print the document.

Is the paper curled?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

2. Perform the following tests:

- a. Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.

Notes

- Make sure that the setting matches the paper loaded.
- You can also change the setting on the printer control panel. From the home screen, touch **Settings > Paper > Tray Configuration > Paper Size/Type**.

- b. Print the document.

Is the paper curled?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

3. Perform the following tests:

- a. Remove paper, flip it over, and then reload paper.
- b. Print the document.

Is the paper curled?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

4. Perform the following tests:

- a. Load paper from a fresh package.

Note: Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you are ready to use it.

- b. Print the document.

Is the paper curled?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Print crooked or skewed



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Pull out the tray.
 - b. Remove the paper, and then load paper from a fresh package.

Note: Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you are ready to use it.

- c. Squeeze and slide the paper guides to the correct position for the size of the paper you are loading.
 - d. Insert the tray.
 - e. Print the document.

Is the print crooked or skewed?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

2. Perform the following tests:
 - a. Check if you are printing on a supported paper.
 - b. Print the document.

Is the print crooked or skewed?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Solid color or black images



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Remove the imaging kit.

Warning—Potential Damage

Do not expose the imaging kit to direct light for more than 10 minutes. Extended exposure to light may cause print quality problems.

Warning—Potential Damage

Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.

- b. Insert the imaging kit.
 - c. Print the document.

Is the printer printing solid color or black images?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Text or images cut off



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Adjust the paper guides in the tray to the correct position for the paper loaded.
 - b. Print the document.

Is the text or image clipped?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

2. Perform the following tests:
 - a. Depending on your operating system, specify the paper size from the Printing Preferences or Print dialog.

Notes

- Make sure that the setting matches the paper loaded in the tray.
- You can also change the setting on the printer control panel. From the home screen, touch **Settings > Paper > Tray Configuration > Paper Size/Type**.

- b. Print the document.

Is the text or image clipped?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

3. Perform the following tests:
 - a. Remove the imaging kit.

Warning—Potential Damage

Do not expose the imaging kit to direct light for more than 10 minutes. Extended exposure to light may cause print quality problems.

Warning—Potential Damage

Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.

- b. Insert the imaging kit.
- c. Print the document.

Is the text or image clipped?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Toner easily rubs off



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.

Notes

- Make sure that the setting matches the paper loaded.
- You can also change the setting on the printer control panel. From the home screen, touch **Settings > Paper > Tray Configuration > Paper Size/Type**.

- b. Print the document.

Does the toner rub off?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Uneven print density



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Remove the imaging kit.

Warning—Potential Damage

Do not expose the imaging kit to direct light for more than 10 minutes. Extended exposure to light may cause print quality problems.

Warning—Potential Damage

Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.

- b. Insert the imaging kit.
 - c. Print the document.

Is the print density uneven?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Horizontal dark lines



Notes

- Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.
- If horizontal dark lines keep appearing on the prints, then see the **Repeating defects** topic.

1. Perform the following tests:

- a. Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.

Notes

- Make sure that the setting matches the paper loaded.
- You can also change the setting on the printer control panel. From the home screen, touch **Settings > Paper > Tray Configuration > Paper Size/Type**.

- b. Print the document.

Do horizontal dark lines appear on prints?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

2. Perform the following tests:

- a. Load paper from a fresh package.

Note: Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you use it.

- b. Print the document.

Do horizontal dark lines appear on prints?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

3. Perform the following tests:
 - a. Remove the imaging kit.

Warning—Potential Damage

Do not expose the imaging kit to direct light for more than 10 minutes. Extended exposure to light may cause print quality problems.

Warning—Potential Damage

Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.

- b. Insert the imaging kit.
 - c. Print the document.

Do horizontal dark lines appear on prints?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Vertical dark lines



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.

Notes

- Make sure that the setting matches the paper loaded in the tray.
- You can also change the setting on the printer control panel. From the home screen, touch **Settings > Paper > Tray Configuration > Paper Size/Type**.

- b. Print the document.

Do vertical dark lines appear on prints?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

2. Perform the following tests:
 - a. Load paper from a fresh package.

Note: Paper absorbs moisture due to high humidity. Store paper in its original wrapper until you use it.

- b. Print the document.

Do vertical dark lines appear on prints?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

3. Perform the following tests:
 - a. Remove the imaging kit.

Warning—Potential Damage

Do not expose the imaging kit to direct light for more than 10 minutes. Extended exposure to light may cause print quality problems.

Warning—Potential Damage

Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.

- b. Insert the imaging kit.
- c. Print the document.

Do vertical dark lines appear on prints?

- **Yes:**

Contact [customer support](#).

- **No:**
The problem is solved.

Horizontal white lines



Notes

- Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.
- If horizontal white lines keep appearing on the prints, then see the **Repeating defects** topic.

1. Perform the following tests:
 - a. Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.

Notes

- Make sure that the setting matches the paper loaded in the tray.
- You can also change the setting on the printer control panel. From the home screen, touch **Settings > Paper > Tray Configuration > Paper Size/Type**.

- b. Print the document.

Do horizontal white lines appear on prints?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

2. Perform the following tests:
 - a. Load the specified paper source with the recommended paper type.
 - b. Print the document.

Do horizontal white lines appear on prints?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

3. Perform the following tests:
 - a. Remove the imaging kit.

Warning—Potential Damage

Do not expose the imaging kit to direct light for more than 10 minutes. Extended exposure to light may cause print quality problems.

Warning—Potential Damage

Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.

- b. Insert the imaging kit.
 - c. Print the document.

Do horizontal white lines appear on prints?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Vertical white lines



Note: Before solving the problem, print the Print Quality Test Pages. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.

Notes

- Make sure that the setting matches the paper loaded in the tray.
- You can also change the setting on the printer control panel. From the home screen, touch **Settings > Paper > Tray Configuration > Paper Size/Type**.

- b. Print the document.

Do vertical white lines appear on prints?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

2. Perform the following tests:

- a. Load the specified paper source with the recommended paper type.
- b. Print the document.

Do vertical white lines appear on prints?

- **Yes:**
Go to the next step.
- **No:**
The problem is solved.

3. Perform the following tests:

- a. Remove the imaging kit.

Warning—Potential Damage

Do not expose the imaging kit to direct light for more than 10 minutes. Extended exposure to light may cause print quality problems.

Warning—Potential Damage

Do not touch the photoconductor drum under the imaging kit. Doing so may affect the quality of future print jobs.

- b. Insert the imaging kit.
- c. Print the document.

Do vertical white lines appear on prints?

- **Yes:**
Contact [customer support](#).
- **No:**
The problem is solved.

Repeating defects



Note: Before solving the problem, print the quality sample pages to determine the cause of the repeating defects. From the home screen, touch **Settings > Troubleshooting > Print Quality Test Pages**.

1. Perform the following tests:
 - a. Using the Maintenance Defect Ruler, measure the distance between the repeating defects on the affected color page.
 - b. If the measurement matches the values for the imaging kit, then replace the imaging kit. If the measurement matches the values for the transfer module or fuser, then contact customer support or your service representative.

Imaging kit

- 94.5 mm (3.72 in.)
- 29.9 mm (1.18 in.)
- 23.2 mm (0.91 in.)

Transfer module

- 37.7 mm (1.48 in.)
- 78.5 mm (3.09 in.)
- 55 mm (2.17 in.)
- 28.3 mm (1.11 in.)

Fuser

- 79.8 mm (3.14 in.)
- 94.3 mm (3.71 in.)

- c. Print the Print Quality Test Pages.

Do the defects still appear?

- **Yes:**
Take note of the distance, and then contact [customer support](#) or your service representative.
- **No:**

The problem is solved.

Print jobs do not print

Try one or more of the following:

- From the document that you are trying to print, open the Printing Preferences or Print dialog, and then check if the correct printer is selected.
- Check if the printer is on, and then resolve any error messages that appear on the display.
- Check if the ports are working and if the cables are securely connected to the computer and the printer. For more information, see the setup documentation that came with the printer.
- Turn off the printer, wait for about 30 seconds, and then turn on the printer.
- Remove, and then reinstall the print driver.

If the problem persists, then contact [customer support](#).

Confidential and other held documents do not print

Try one or more of the following:

- From the control panel, check if the documents appear in the **Held Jobs** list.

Note: If the documents are not listed, then print the documents using the Print and Hold options.

- Resolve possible formatting errors or invalid data in the print job.
 - Delete the print job, and then send it again.
 - For PDF files, generate a new file, and then print the document.
- If you are printing from the Internet, then the printer may be reading the multiple job titles as duplicates.
 - For Windows users, make sure to select **Keep duplicate documents** in the Printing Preferences or Print dialog.
 - For Macintosh users, name each job differently.
- Delete some held jobs to free up printer memory.
- Install more printer memory.

If the problem persists, then contact [customer support](#).

Job prints from the wrong tray or on the wrong paper

Try one or more of the following:

- Make sure that you are printing on the correct paper.
- Depending on your operating system, specify the paper size and paper type from the Printing Preferences or Print dialog. Make sure that the settings match the paper loaded.

Note: You can also change the setting on the printer control panel. Navigate to **Settings › Paper › Tray Configuration › Paper Size/Type**.

- Check if the trays are linked. For more information, see [Linking trays](#).

If the problem persists, then contact [customer support](#).

Slow printing

Try one or more of the following:

- Make sure that the printer cable is securely connected to the printer, computer, print server, option, and other network device.
- Make sure that the printer is not in **Quiet Mode**.

From the control panel, navigate to **Settings › Device › Maintenance › Configuration Menu › Device Operations › Quiet Mode**.

- Specify the resolution of the document that you want to print.
 1. Depending on your operating system, access the Printing Preferences or Print dialog.
 2. Set the resolution to **4800 CQ**.

Note: You can also change the setting on the control panel. Navigate to **Settings › Print › Quality › Print Resolution**.

- Depending on your operating system, specify the paper type from the Printing Preferences or Print dialog.

Notes

- You can also change the setting on the control panel. Navigate to **Settings › Paper › Tray Configuration › Paper Size/Type**.
- Heavier paper print more slowly.
- Paper that is narrower than letter, A4, and legal may print more slowly.

- Make sure that the printer settings for texture and weight match the paper being loaded.

From the control panel, navigate to **Settings › Paper › Media Configuration › Media Type Setup**.

Note: Rough paper texture and heavy paper weight may print more slowly.

- Remove held jobs.
- Make sure that the printer is not overheating.

Notes

- Allow the printer to cool down after a long print job.
- Observe the recommended ambient temperature for the printer. For more information, see [Selecting a location for the printer on page 24](#).

If the problem persists, then contact [customer support](#).

The printer is not responding

Try one or more of the following:

- Check if the power cord is connected to the electrical outlet.



CAUTION—POTENTIAL INJURY

To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

- Make sure that the electrical outlet is not turned off by a switch or breaker.
- Check if the printer is on.
- Make sure that the printer is not in Sleep or Hibernate Mode.
- Make sure that the cables connecting the printer and computer are connected to the correct ports.
- Turn off the printer, install the hardware options, and then turn on the printer. For more information, see the documentation that came with the option.
- Install the correct print driver.
- Turn off the printer, wait for about 30 seconds, and then turn on the printer.

If the problem persists, then contact [customer support](#).

Unable to read flash drive

Try one or more of the following:

- Make sure that the printer is not busy processing multiple jobs.
- Make sure that the flash drive is inserted into the front USB port.

Note: The flash drive does not work when inserted into the rear USB port.

- Make sure that the flash drive is supported. For more information, see [Supported flash drives and file types on page 82](#).
- Remove, and then insert the flash drive.

If the problem persists, then contact [customer support](#).

Enabling the USB port

1. From the control panel, navigate to **Settings > Network/Ports > USB**.
2. Select **Enable USB Port**.

Indicator light is alternating between blue and blinking red

A communication issue has occurred between the controller board and the control panel card.

1. Turn off the printer.
2. Unplug the power cord from the electrical outlet, and then wait for 30 seconds.
3. Connect the power cord to the electrical outlet.



CAUTION—POTENTIAL INJURY

To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

4. Turn on the printer.

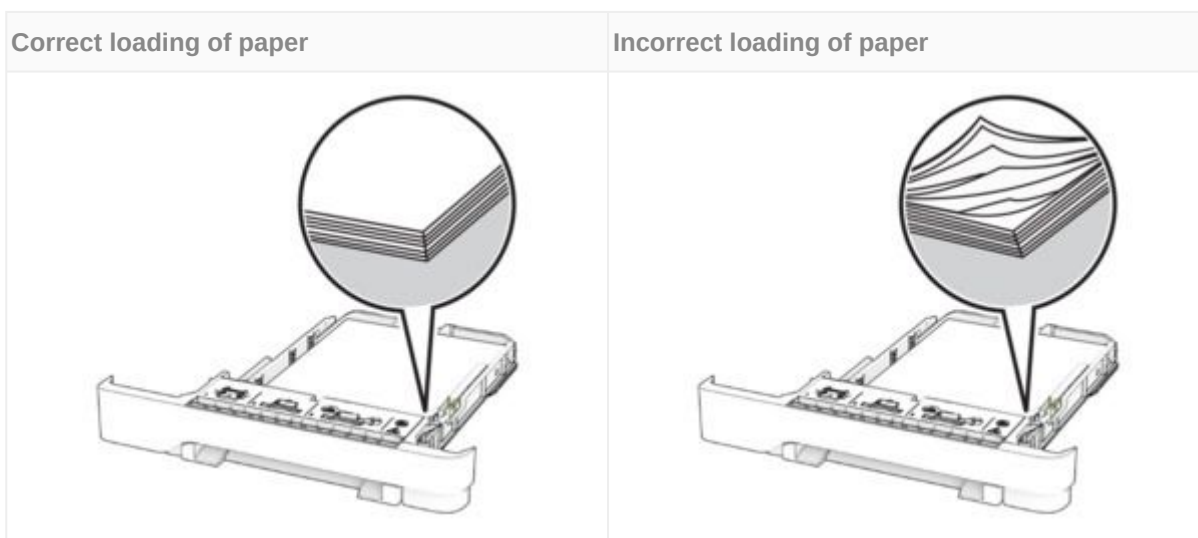
If the problem persists, then contact [customer support](#).

Clearing jams

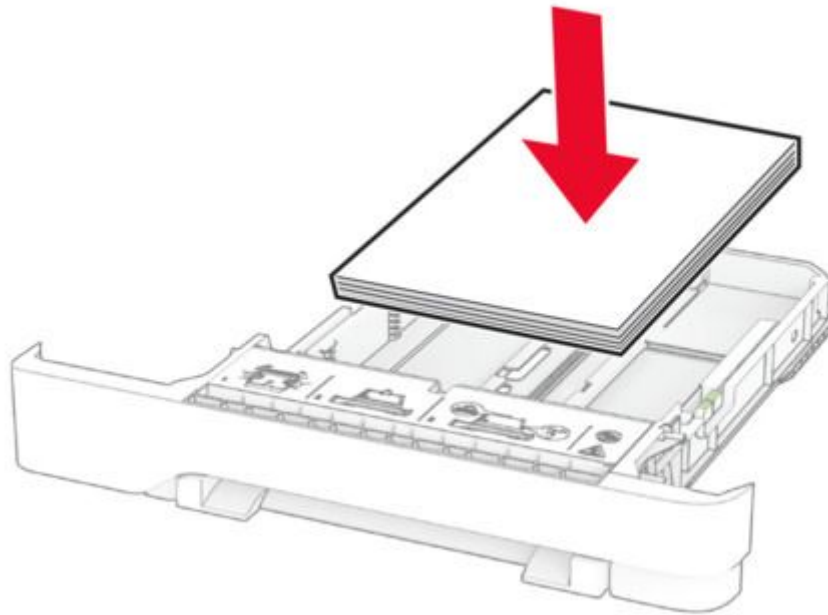
Avoiding jams

Load paper properly

- Make sure that the paper lies flat in the tray.



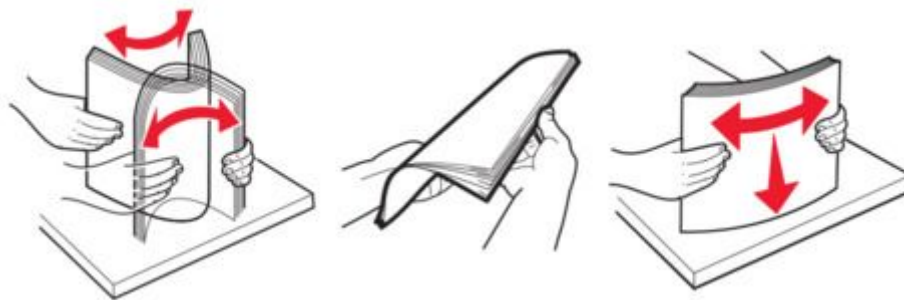
- Do not load or remove a tray while the printer is printing.
- Do not load too much paper. Make sure that the stack height is below the maximum fill line.
- Do not slide paper into the tray. Load paper as shown in the illustration.



- Make sure that the paper guides are positioned correctly and are not pressing tightly against the paper or envelopes.
- Push the tray firmly into the printer after loading paper.

Use recommended paper

- Use only recommended paper or specialty paper.
- Do not load paper that is wrinkled, creased, damp, bent, or curled.
- Flex, fan, and align the paper edges before loading.

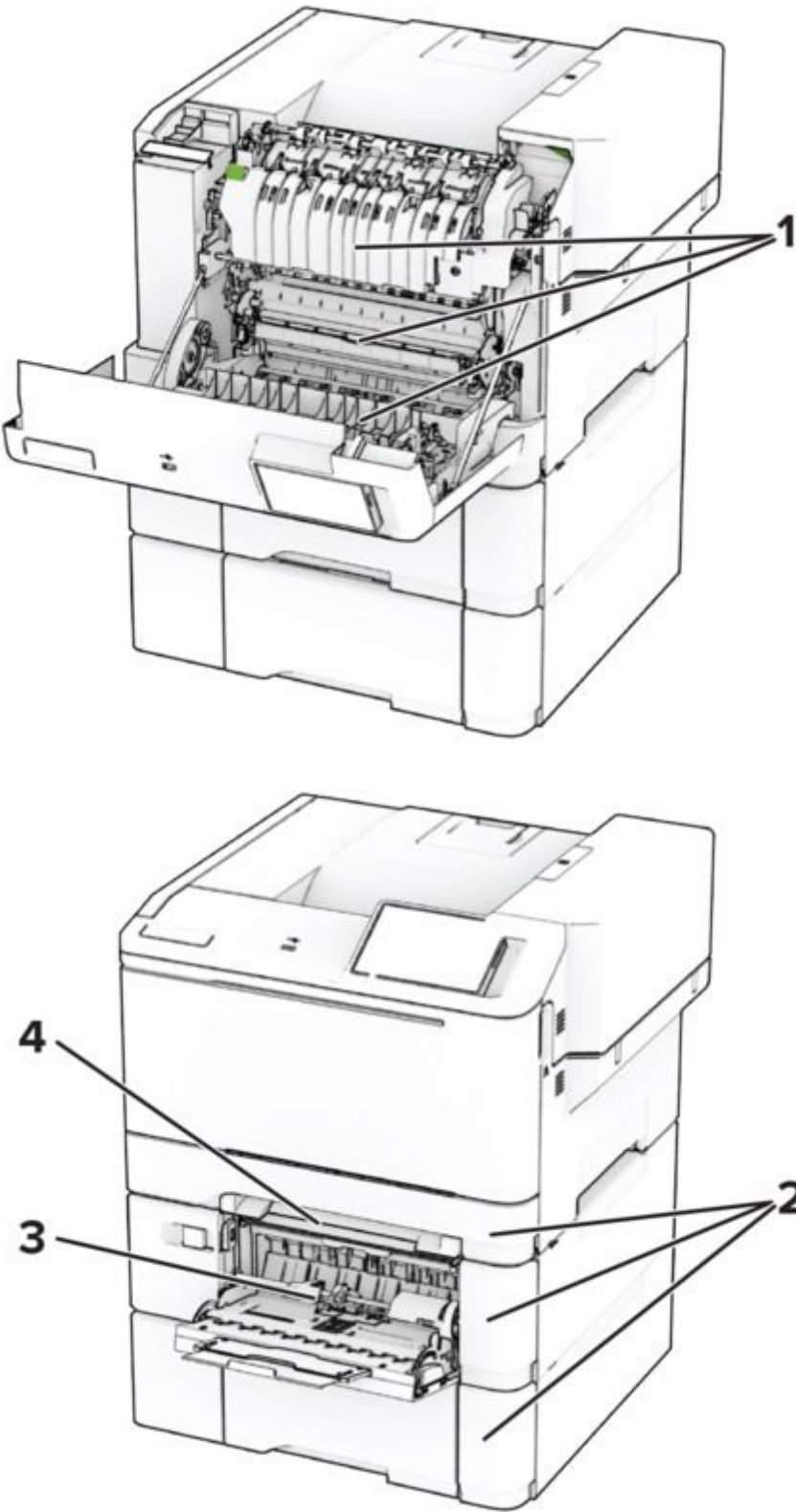


- Do not use paper that has been cut or trimmed by hand.
- Do not mix paper sizes, weights, or types in the same tray.
- Make sure that the paper size and type are set correctly on the computer or printer control panel.
- Store paper according to manufacturer recommendations.

Identifying jam locations

Notes

- When Jam Assist is set to On, the printer flushes blank pages or pages with partial prints after a jammed page has been cleared. Check your printed output for blank pages.
- When Jam Recovery is set to On or Auto, the printer reprints jammed pages.



Jam locations	
1	Door A

	Jam locations
2	Trays
3	Multipurpose feeder
4	Manual feeder

Paper jam in door A

Paper jam below the fuser

1. Open door A.

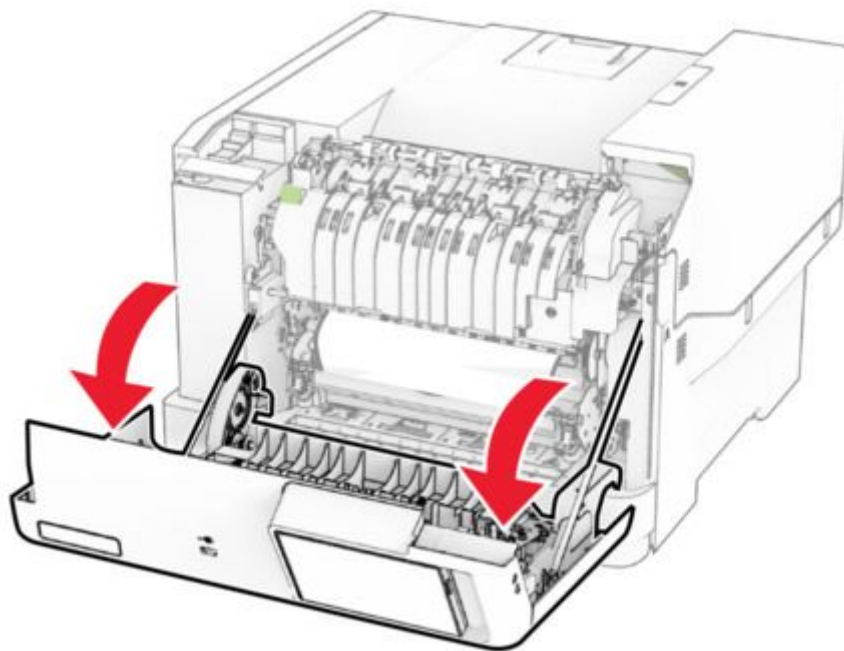


CAUTION—HOT SURFACE

The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.

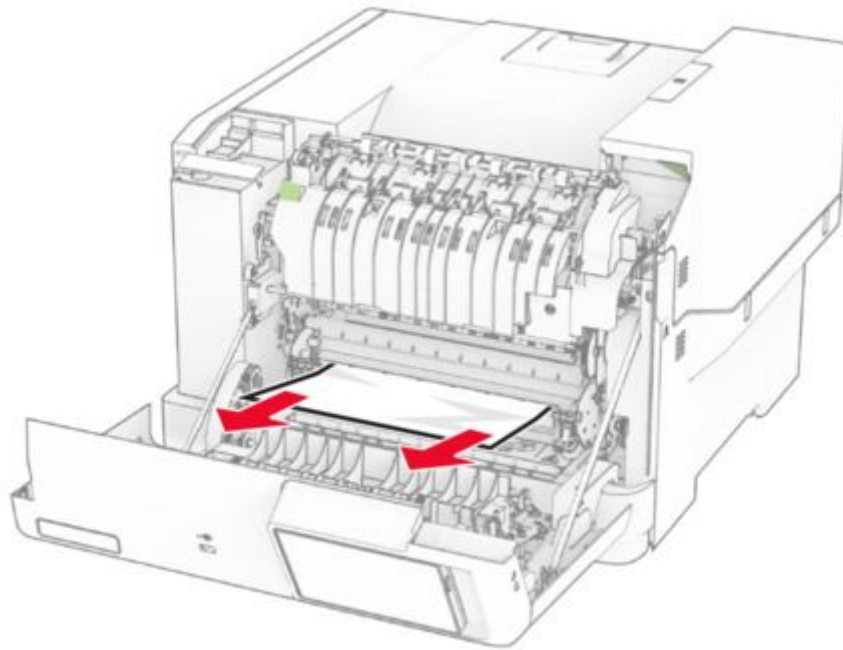
Warning—Potential Damage

To prevent damage from electrostatic discharge, touch any exposed metal frame of the printer before accessing or touching interior areas of the printer.



2. Remove the jammed paper.

Note: Make sure that all paper fragments are removed.



3. Close door A.

Paper jam in the fuser

1. Open door A.

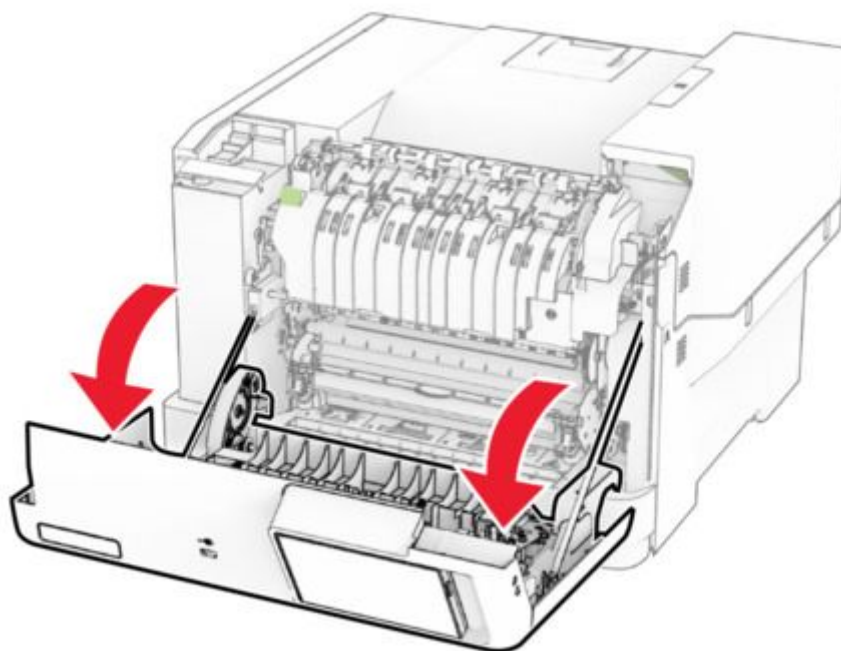


CAUTION—HOT SURFACE

The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.

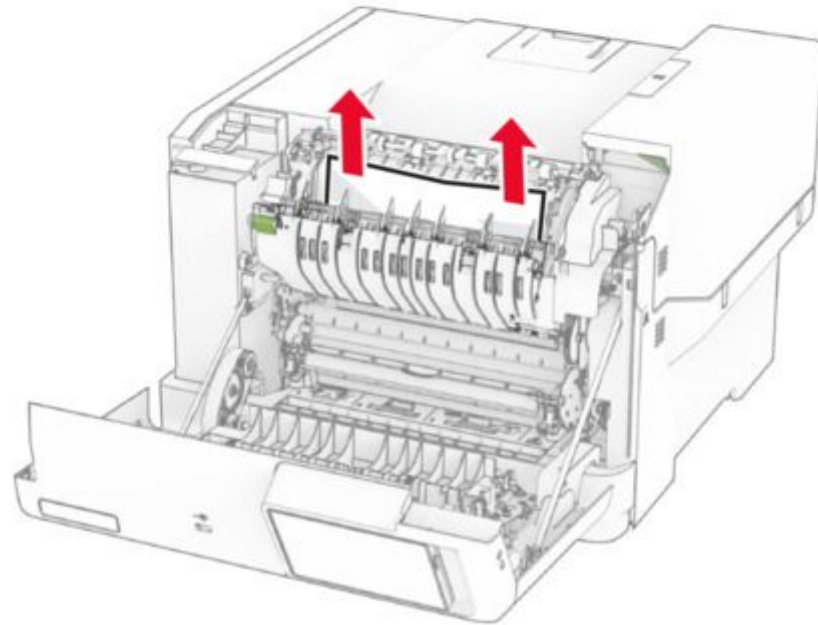
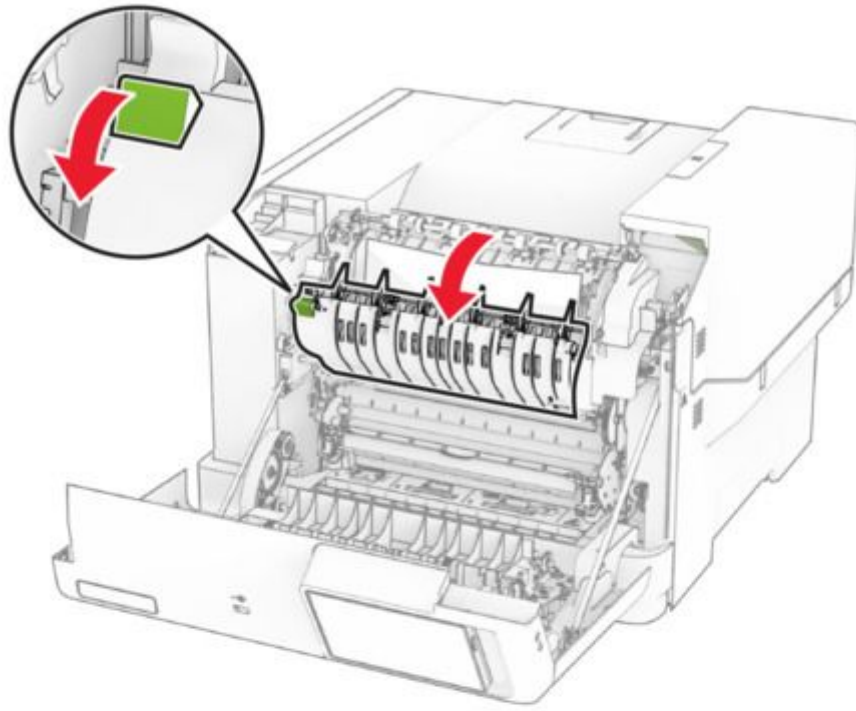
Warning—Potential Damage

To prevent damage from electrostatic discharge, touch any exposed metal frame of the printer before accessing or touching interior areas of the printer.



2. Open the fuser access door, and then remove the jammed paper.

Note: Make sure that all paper fragments are removed.



3. Close door A.

Paper jam in the duplex unit

1. Open door A.

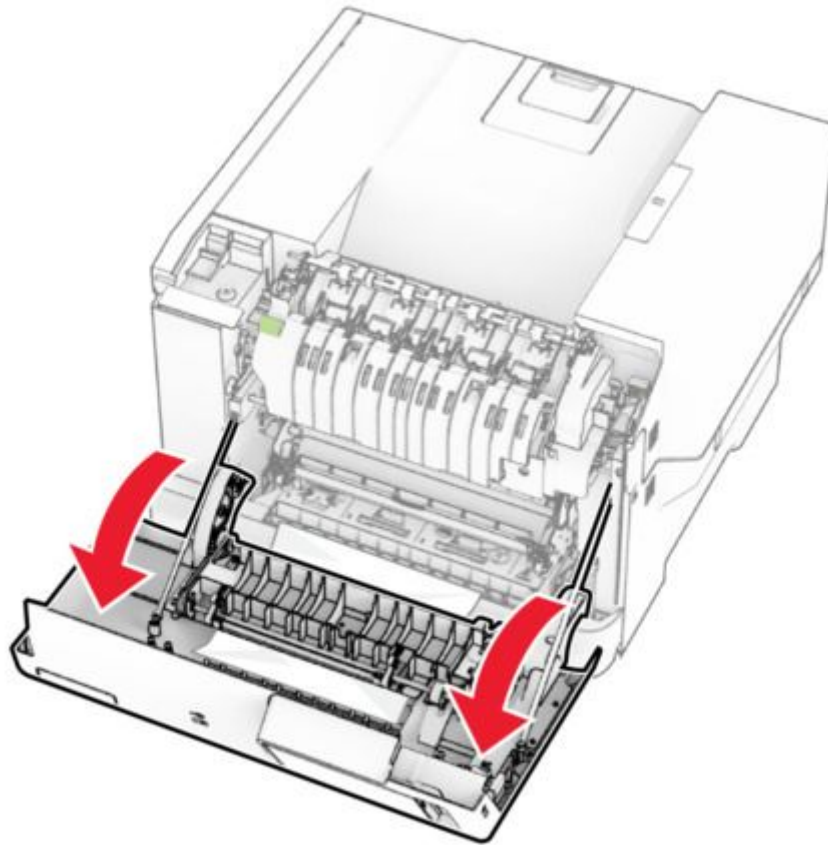


CAUTION—HOT SURFACE

The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching it.

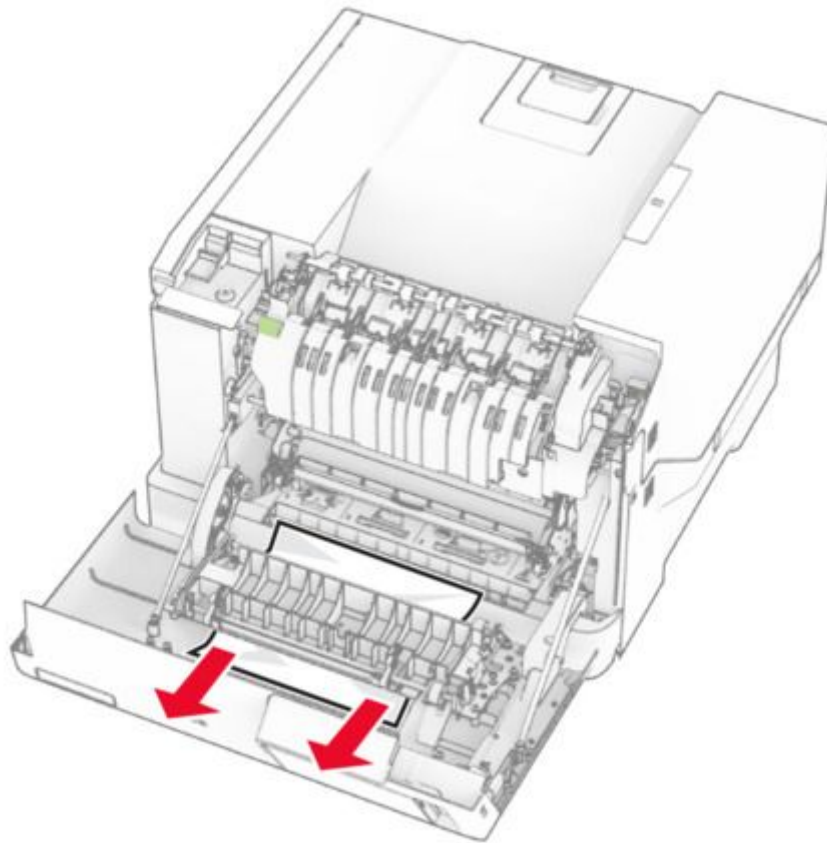
Warning—Potential Damage

To prevent damage from electrostatic discharge, touch any exposed metal frame of the printer before accessing or touching interior areas of the printer.



2. Remove the jammed paper.

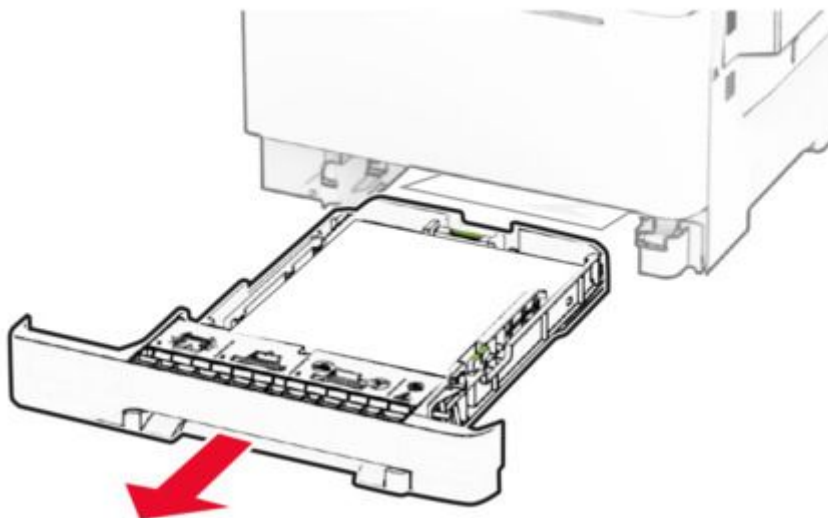
Note: Make sure that all paper fragments are removed.



3. Close door A.

Paper jam in trays

1. Remove the tray.

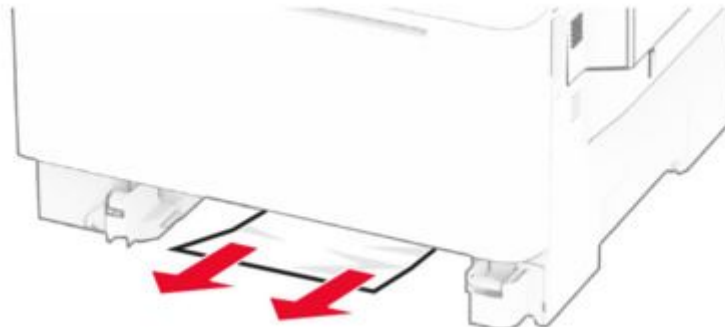


Warning—Potential Damage

A sensor inside the optional tray is easily damaged by static electricity. Touch a metal surface before removing the jammed paper in the tray.

2. Remove the jammed paper.

Note: Make sure that all paper fragments are removed.

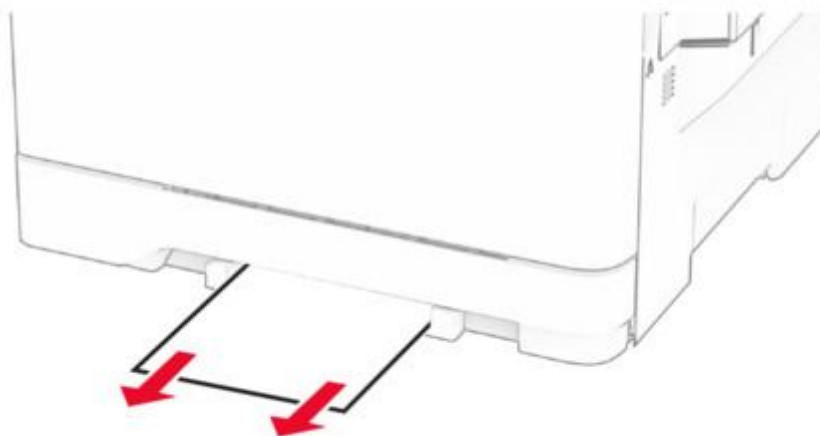


3. Insert the tray.

Paper jam in the manual feeder

Remove the jammed paper.

Note: Make sure that all paper fragments are removed.

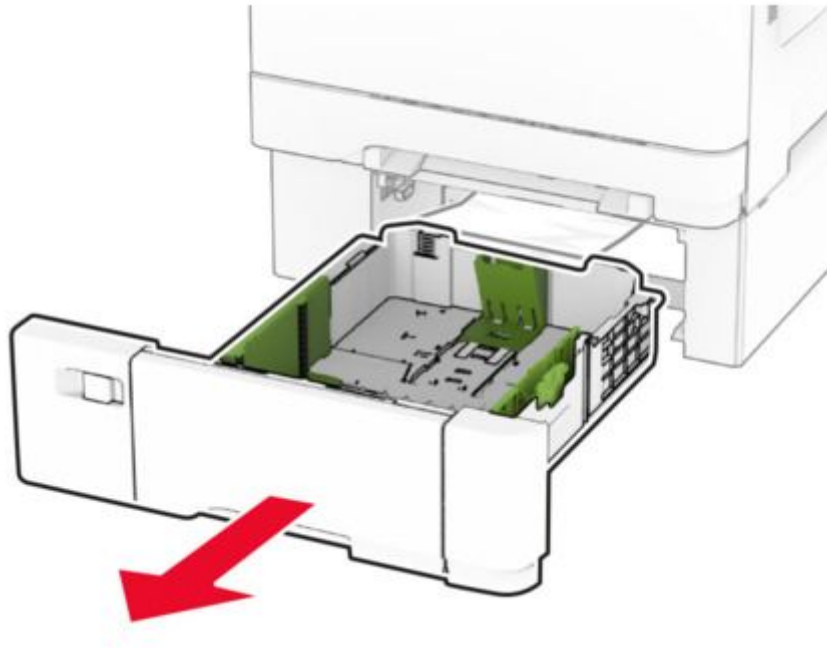


Paper jam in the multipurpose feeder

Note: The multipurpose feeder is available only if the optional 650-sheet duo tray is installed.

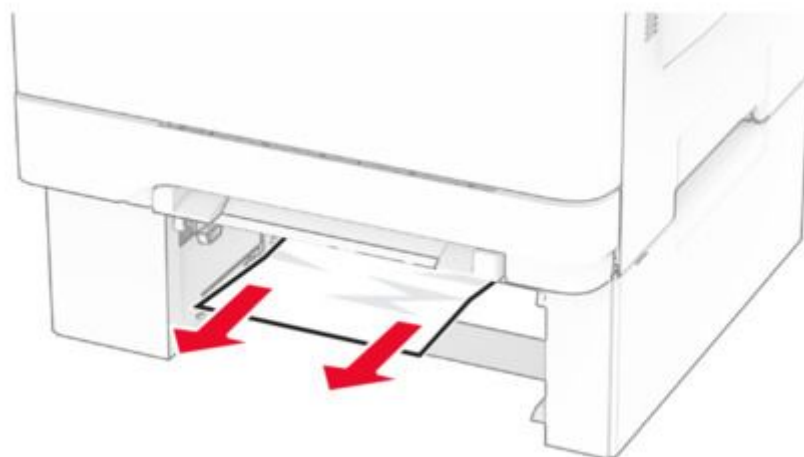
1. Remove paper from the multipurpose feeder, and then close it.

2. Remove the tray.



3. Remove the jammed paper.

Note: Make sure that all paper fragments are removed.



4. Insert the tray.
5. Open the multipurpose feeder, and then reload paper.

Network connection problems

Cannot open Embedded Web Server

Try one or more of the following:

- Make sure the printer is on.
- Make sure the printer and computer are connected to the same network.
- Make sure the printer IP address is correct.

Note: You can find the IP address at the top of the printer display.

- Make sure that you installed a supported browser.
 - Microsoft Edge
 - Safari version 6 or later
 - Google Chrome™ version 32 or later
 - Mozilla Firefox version 24 or later
- Check if the network connection is working.

Note: If the connection is not working, then contact your administrator.

- Make sure the cable connections to the printer and print server are secure. For more information, see the documentation that came with the print server.
- Check if the web proxy servers are disabled.

Note: If the servers are disabled, then contact your administrator.

If the problem persists, then contact [customer support](#).

Cannot connect the printer to the Wi-Fi network

Try one or more of the following:

- From the control panel, navigate to **Settings › Network/Ports › Network Overview › Active Adapter**, and then select **Auto**.
- Make sure the printer is connected to the correct Wi-Fi network. For more information, see [Connecting the printer to a Wi-Fi network on page 72](#).

Note: Some routers may share the default Wi-Fi name.

- Make sure that you entered the correct network password.

Note: Take note of the spaces, numbers, and capitalization in the password.

- Make sure the correct wireless security mode is selected. From the control panel, navigate to **Settings › Network/Ports › Wireless › Wireless Security Mode**.

If the problem persists, then contact [customer support](#).

Hardware options problems

Cannot detect internal option

Try one or more of the following:

- Turn off the printer, wait for about 30 seconds, and then turn on the printer.
- Print the **Menu Settings Page** report, and then check if the internal option appears in the Installed Features list. From the control panel, navigate to **Settings > Reports > Menu Settings Page**.
- Check if the internal option is installed properly into the controller board.
 1. Turn off the printer, and then unplug the power cord from the electrical outlet.
 2. Make sure that the internal option is installed into the appropriate connector on the controller board.
 3. Connect the power cord to the electrical outlet, and then turn on the printer.



CAUTION—POTENTIAL INJURY

To avoid the risk of fire or electrical shock, connect the power cord to an appropriately rated and properly grounded electrical outlet that is near the product and easily accessible.

- Check if the internal option is available in the print driver.

Note: If necessary, manually add the internal option in the print driver to make it available for print jobs. For more information, see [Adding available options in the print driver on page 55](#).

If the problem persists, then contact [customer support](#).

Defective flash detected

Try one or more of the following:

- Select **Continue** to ignore the message and continue printing.
- Cancel the current print job.
- Replace the defective flash memory.

If the problem persists, then contact [customer support](#).

Not enough free space in flash memory for resources

Try one or more of the following:

- Select **Continue** to clear the message and continue printing.
- Delete fonts, macros, and other data that are stored in the flash memory.

Note: Downloaded fonts and macros that are not previously stored in the flash memory are deleted.

- Install a storage drive.

If the problem persists, then contact [customer support](#).

Issues with supplies

Replace cartridge, printer region mismatch

To correct this problem, purchase a cartridge with the correct region that matches the printer region, or purchase a worldwide cartridge.

- The first number in the message after 42 indicates the region of the printer.
- The second number in the message after 42 indicates the region of the cartridge.

Region	Region code
Worldwide or Undefined region	0
North America (United States, Canada), Australia, New Zealand	1
European Union, Iceland, Liechtenstein, Norway, Switzerland, and United Kingdom	2
Asia Pacific	3
Latin America, Mexico, and Puerto Rico	4
Rest of Europe, Middle East, Africa	5
Invalid region	9

Notes

- To find the printer and toner cartridge region codes, print the Print Quality Test Pages. From the control panel, navigate to **Settings > Troubleshooting > Print Quality Test Pages**.

Refilled regular *[color]* cartridge

The printer has detected a Lexmark Regular cartridge that has been refilled with non-genuine toner by a party other than Lexmark.

Select **OK** to continue.

All printer component life indicators are designed to function with Lexmark supplies and parts and may deliver unpredictable results when using supplies or parts in your Lexmark printer that are remanufactured by parties other than Lexmark.

For more information, see the printer statement of limited warranty.

Non-Lexmark supply

The printer has detected a non-Lexmark supply or part installed in the printer.

Troubleshoot a problem

Your Lexmark printer is designed to function best with genuine Lexmark supplies and parts. Use of third-party supplies or parts may affect the performance, reliability, or life of the printer and its imaging components.

All life indicators are designed to function with Lexmark supplies and parts and may deliver unpredictable results if third-party supplies or parts are used. Imaging component usage beyond the intended life may damage your Lexmark printer or associated components.

Warning—Potential Damage

Use of third-party supplies or parts can affect warranty coverage. Damage caused by the use of third-party supplies or parts may not be covered by the warranty.

To accept any and all of these risks and to proceed with the use of non-genuine supplies or parts in your printer, touch and hold the error message on the display using two fingers for 15 seconds. When a confirmation dialog box appears, touch **Continue**.

If you do not want to accept these risks, then remove the third-party supply or part from your printer and install a genuine Lexmark supply or part. For more information, see [Using genuine Lexmark parts and supplies on page 144](#).

If the printer does not print after clearing the error message, then reset the supply usage counter.

1. From the control panel, navigate to **Settings** › **Device** › **Maintenance** › **Configuration Menu** › **Supply Usage And Counters**.
2. Select the part or supply that you want to reset, and then select **Start**.
3. Read the warning message, and then select **Continue**.
4. Using two fingers, touch the display for 15 seconds to clear the message.

Note: If you are unable to reset the supply usage counters, then return the supply item to the place of purchase.

Paper feed problems

Envelope seals when printing

Try one or more of the following:

- Use an envelope that has been stored in a dry environment.

Note: Printing on envelopes with high moisture content can seal the flaps.

- Make sure that the paper type is set to **Envelope**. From the control panel, navigate to **Settings** › **Paper** › **Tray Configuration** › **Paper Size/Type**.

If the problem persists, then contact [customer support](#).

Collated printing does not work

Try one or more of the following:

- From the control panel, navigate to **Settings** › **Print** › **Layout** › **Collate**, and then select **On [1,2,1,2,1,2]**.

- From the document that you are trying to print, open the Printing Preferences or Print dialog, and then select **Collate**.
- Reduce the number of pages to print.

If the problem persists, then contact [customer support](#).

Tray linking does not work

Try one or more of the following:

- Make sure that the linked trays contain the same paper size and paper type and loaded in the same orientation.
- Make sure that the paper guides are positioned correctly.
- Set the paper size and paper type to match the paper loaded in the linked trays. From the control panel, navigate to **Settings** › **Paper** › **Tray Configuration** › **Paper Size/Type**.
- Make sure that **Tray Linking** is set to **Automatic**. For more information, see [Linking trays](#).

If the problem persists, then contact [customer support](#).

Paper frequently jams

Try one or more of the following:

- Check if the paper is loaded correctly.

Notes

- Make sure that the paper guides are positioned correctly.
- Make sure that the stack height is below the maximum fill line.
- Make sure to print on recommended paper size and paper type.

- Set the correct paper size and paper type. From the control panel, navigate to **Settings** › **Paper** › **Tray Configuration** › **Paper Size/Type**.
- Load paper from a fresh package.

Note: Paper absorbs moisture due to high humidity. Store the paper in its original wrapper until you are ready to use it.

If the problem persists, then contact [customer support](#).

Jammed pages are not reprinted

1. From the control panel, navigate to **Settings** › **Device** › **Notifications** › **Jam Content Recovery**.
2. In the **Jam Recovery** menu, select **On** or **Auto**.

If the problem persists, then contact [customer support](#).

Color quality problems

Modifying the colors in printed output

1. From the home screen, touch **Settings > Print > Quality > Advanced Imaging > Color Correction**.
2. In the Color Correction menu, touch **Manual > Color Correction Content**.
3. Choose the appropriate color conversion setting.

Object type	Color conversion tables
RGB Image RGB Text RGB Graphics	◦ Vivid—Produces brighter, more saturated colors and may be applied to all incoming color formats. ◦ sRGB Display—Produces an output that approximates the colors shown on a computer monitor. Black toner usage is optimized for printing photographs. ◦ Display-True Black—Produces an output that approximates the colors shown on a computer monitor. This setting uses only black toner to create all levels of neutral gray. ◦ sRGB Vivid—Provides an increased color saturation for the sRGB Display color correction. Black toner usage is optimized for printing business graphics. ◦ Off
CMYK Image CMYK Text CMYK Graphics	◦ US CMYK—Applies color correction to approximate the Specifications for Web Offset Publishing (SWOP) color output. ◦ Euro CMYK—Applies color correction to approximate Euroscale color output. ◦ Vivid CMYK—Increases the color saturation of the US CMYK color correction setting. ◦ Off

FAQ about color printing

What is RGB color?

RGB color is a method of describing colors by indicating the amount of red, green, or blue used to produce a certain color. Red, green, and blue light can be added in various amounts to produce a large range of colors observed in nature. Computer screens, scanners, and digital cameras use this method to display colors.

What is CMYK color?

CMYK color is a method of describing colors by indicating the amount of cyan, magenta, yellow, and black used to reproduce a particular color. Cyan, magenta, yellow, and black inks or toners can be printed in various amounts to produce a large range of colors observed in nature. Printing presses, inkjet printers, and color laser printers create colors in this manner.

How is color specified in a document to be printed?

Software programs are used to specify and modify the document color using RGB or CMYK color combinations. For more information, see the software program Help topics.

How does the printer know what color to print?

When printing a document, information describing the type and color of each object is sent to the printer and is passed through color conversion tables. Color is translated into the appropriate amounts of cyan, magenta, yellow, and black toner used to produce the color you want. The object information determines the application of color conversion tables. For example, it is possible to apply one type of color conversion table to text while applying a different color conversion table to photographic images.

What is manual color correction?

When manual color correction is enabled, the printer employs user-selected color conversion tables to process objects. Manual color correction settings are specific to the type of object being printed (text, graphics, or images). It is also specific to how the color of the object is specified in the software program (RGB or CMYK combinations). To apply a different color conversion table manually, see [Modifying the colors in printed output on page 239](#).

If the software program does not specify colors with RGB or CMYK combinations, then manual color correction is not useful. It is also not effective if the software program or the computer operating system controls the adjustment of colors. In most situations, setting the Color Correction to Auto generates preferred colors for the documents.

How can I match a particular color (such as a corporate logo)?

From the printer Quality menu, nine types of Color Samples sets are available. These sets are also available from the Color Samples page of the Embedded Web Server. Selecting any sample set generates multiple-page prints consisting of hundreds of colored boxes. Each box contains a CMYK or RGB combination, depending on the table selected. The observed color of each box is obtained by passing the CMYK or RGB combination labeled on the box through the selected color conversion table.

By examining Color Samples sets, you can identify the box with color closest to the color being matched. The color combination labeled on the box can then be used for modifying the color of the object in a software program. For more information, see the software program Help topics. Manual color correction may be necessary to use the selected color conversion table for the particular object.

Selecting which Color Samples set to use for a particular color-matching problem depends on:

- The Color Correction setting being used (Auto, Off, or Manual)
- The type of object being printed (text, graphics, or images)

- How the color of the object is specified in the software program (RGB or CMYK combinations)

If the software program does not specify colors with RGB or CMYK combinations, then the Color Samples pages are not useful. Additionally, some software programs adjust the RGB or CMYK combinations specified in the program through color management. In these situations, the printed color may not be an exact match of the Color Samples pages.

The print appears tinted

Try one or more of the following:

- From the control panel, navigate to **Settings › Print › Quality › Advanced Imaging**, and then select **Color Adjust**.
- From the control panel, navigate to **Settings › Print › Quality › Advanced Imaging**, select **Color Balance**, and then adjust the settings.

If the problem persists, then contact [customer support](#).

Contacting customer support

To accurately diagnose your issue, our support agents must perform diagnostic troubleshooting with you during your call. Make sure you are near your device so you can follow the on-screen or spoken instructions.

If you are not near your device, you can call us back when you are ready.

Have the following information ready when you contact support:

- Printer model and serial number
- A brief description of the issue
- Any error messages (if applicable)

Technical support via telephone is also available. In the U.S. or Canada, call **1-800-539-6257**. For other countries or regions, go to www.lexmark.com/supportdirectory.

Recycle and dispose

Recycling Lexmark products

1. Go to www.lexmark.com/recycle.
2. Select your country or region.
3. Select a recycling program.

Recycling Lexmark packaging

Lexmark continually strives to minimize packaging. Less packaging helps to ensure that Lexmark printers are transported in the most efficient and environmentally sensitive manner and that there is less packaging to dispose of. These efficiencies result in fewer greenhouse emissions, energy savings, and natural resource savings.

Lexmark cartons are 100% recyclable where corrugated recycling facilities exist. Facilities may not exist in your area.

The foam used in Lexmark packaging is recyclable where foam recycling facilities exist. Facilities may not exist in your area.

When you return a cartridge to Lexmark, you can reuse the box that the cartridge came in. Lexmark will recycle the box.

Notices

Product information

Product name:

Lexmark C2335, Lexmark CS531dw, Lexmark CS632dwe, Lexmark CS639 Printers

Machine type:

5031

Models:

270, 280, 290, 635, 675, 685

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Edition notices

April 2026

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For Lexmark technical support, go to <https://support.lexmark.com>.

For information on Lexmark's privacy policy governing the use of this product, go to www.lexmark.com/privacy.

For information on supplies and downloads, go to www.lexmark.com.

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All other trademarks are the property of their respective owners.

Licensing notices

All licensing notices associated with this product can be viewed from the CD:\NOTICES directory of the installation software CD.

STATEMENT OF LIMITED WARRANTY FOR LEXMARK LASER PRINTERS, LEXMARK LED PRINTERS, AND LEXMARK MULTIFUNCTION LASER PRINTERS

Lexmark International, Inc., Lexington, KY

This limited warranty applies to the United States and Canada. For customers outside the U.S., refer to 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 intended. 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 and ends 12 months later provided that the warranty period for any supplies and for any maintenance items included with the printer shall end earlier if it, or its original contents, are substantially used up, depleted, or consumed. Fuser Units, Transfer/Transport Units, Paper Feed items, if any, and any other items for which a Maintenance Kit is available are substantially consumed when the printer displays a "Life Warning" or "Scheduled Maintenance" message for such item.

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 Lexmark 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.

As part of your warranty service and/or replacement, Lexmark may update the firmware in your printer to the latest version. Firmware updates may modify printer settings and cause counterfeit and/or unauthorized products, supplies, parts, materials (such as toners and inks), software, or interfaces to stop working. Authorized use of genuine Lexmark products will not be impacted.

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 on the World Wide Web.

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

Lexmark does not warrant uninterrupted or error-free operation of any product or the durability or longevity of prints produced by any product.

Warranty service does not include repair of failures caused by:

- Modification or unauthorized attachments
- Accidents, misuse, abuse or use inconsistent with Lexmark user's guides, manuals, instructions or guidance
- 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
- Refurbishment, repair, refilling or remanufacture by a third party of products, supplies or parts
- Products, supplies, parts, materials (such as toners and inks), software, or interfaces not furnished by Lexmark

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This limitation of remedies also applies to claims against any Suppliers and Remarketers of Lexmark. Lexmark's and its Suppliers' and Remarketers' limitations of remedies are not cumulative. Such Suppliers and Remarketers are intended beneficiaries of this limitation.

Additional rights

Some states do not allow limitations on how long an implied warranty lasts, or do not allow the exclusion or limitation of incidental or consequential damages, so the limitations or exclusions contained above may not apply to you.

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

Specifications

Laser notice

The printer is certified in the U.S. to conform to the requirements of DHHS 21 CFR, Chapter I, Subchapter J for Class I (1) laser products, and elsewhere is certified as a Class 1 consumer laser product conforming to the requirements of IEC 60825-1:2014, EN 60825-1:2014+A11:2021, and EN 50689:2021.

Class I laser products are not considered to be hazardous. The laser system and printer are designed so there is never any human access to laser radiation above a Class I level during normal operation, user maintenance, or

prescribed service conditions. The printer has a non-serviceable printhead assembly that contains a laser with the following specifications:

Class: IIIb (3b) AlGaAs

Nominal output power (milliwatts): 12

Wavelength (nanometers): 770–800

Temperature information

Operating temperature and relative humidity (RH) ¹	10 to 32.2°C (50 to 90°F) and 15 to 80% RH 15.6 to 32.2°C (60 to 90°F) and 8 to 80% RH Maximum wet-bulb temperature ³ : 22.8°C (73°F) Non-condensing environment
Printer / cartridge / imaging unit long-term storage ²	15.6 to 32.2°C (60 to 90°F) and 8 to 80% RH Maximum wet-bulb temperature ³ : 22.8°C (73°F)
Printer / cartridge / imaging unit short-term shipping	-40 to 40°C (-40 to 104°F)

¹ In some cases, performance specifications (such as cartridge usage and first-page-out speed) must be measured at a standard office environment of approximately 22.2°C (72°F) and 45% RH.

² Supplies shelf life is approximately 2 years. This is based on storage in a standard office environment at 22°C (72°F) and 45% humidity.

³ Wet-bulb temperature is determined by the air temperature and the relative humidity.

Power requirements

The following nominal voltage ranges are supported in applicable countries or regions: 100–110 V / 50Hz, 110–127 V / 60Hz, and 220–240 V / 50Hz (not dual-voltage).

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.	One-sided: 514 (C2335, CS531); 574 (CS632, CS639) Two-sided: 362 (C2335, CS531); 383 (CS632, CS639)
Ready	The product is waiting for a print job.	20.8 (C2335, CS531); 21.3 (CS632, CS639)

Mode	Description	Power consumption (Watts)
Sleep Mode	The product is in a high-level energy-saving mode.	1
Hibernate	The product is in a low-level energy-saving mode.	0.2
Off	The product is plugged into an electrical outlet, but the power switch is turned off.	0.2

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.

Sleep Mode

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

Factory default Sleep Mode Timeout for this product (in minutes):	15 CS639: N/A
---	------------------

By using the configuration menus, the Sleep Mode Timeout can be modified between 1 minute and 120 minutes, or between 1 minute and 114 minutes, depending on the printer model. If the printer speed is less than or equal to 30 pages per minute, then you can set the timeout only up to 60 minutes or 54 minutes, depending on the printer model. Setting the Sleep Mode Timeout to a low value reduces energy consumption, but may increase the response time of the product. Setting the Sleep Mode Timeout to a high value maintains a fast response, but uses more energy.

Some models support a **Deep Sleep Mode**, which further reduces power consumption after longer periods of inactivity.

Hibernate Mode

This product is designed with an ultra-low power operating mode called **Hibernate mode**. When operating in Hibernate Mode, all other systems and devices are powered down safely.

The Hibernate mode can be entered in any of the following methods:

- Using the Hibernate Timeout
- Using the Schedule Power modes

Factory default Hibernate Timeout for this product in all countries or regions	3 days CS639: N/A
--	----------------------

The amount of time the printer waits after a job is printed before it enters Hibernate mode can be modified between one hour and one month.

Notes on EPEAT-registered imaging equipment products:

- Standby power level occurs in Hibernate or Off mode.
- The product shall automatically power down to a standby power level of ≤ 1 W. The auto standby function (Hibernate or Off) shall be enabled at product shipment.

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 electrical outlet.

Total energy usage

It is sometimes helpful to estimate 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.

Environmental and sustainability notices

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	One-sided: 51 (CS531, C2335); 52 (CS632, CS639) Two-sided: 51 (CS531, C2335); 54 (CS632, CS639)
Ready	14

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 website at www.lexmark.com for your local sales office phone number.

India E-Waste notice



This product including components, consumables, parts and spares complies with the “India E-Waste Rules” and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1% by weight and 0.01% by weight for cadmium, except for the exemption set in the Rule.

Lithium-ion rechargeable battery



This product may contain a coin-cell, lithium-ion rechargeable battery, which should only be removed by a trained technician. Crossed-out wheeled bin means the product should not be discarded as unsorted waste but must be sent to separate collection facilities for recovery and recycling. In the event the battery is removed, do not dispose of the battery in your household waste. There may be separate collection systems for batteries in your local community, such as a battery-recycling drop-off location. The separate collection of waste batteries assures appropriate treatment of waste including reuse and recycling and prevents any potential negative effects on human health and environment. Please responsibly dispose of the batteries.

Regulation (EU) 2023/1542

This product may contain a coin-cell lithium rechargeable battery. This battery complies with Regulation (EU) 2023/1542. Compliance is indicated by the CE marking:



This product may contain one of the following coin-cell batteries:

- Battery identification: Seiko Model Number MS621FE
Manufacturer: Seiko Instruments Inc.
Manufacturer address: 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507, Japan
- Battery identification: Panasonic Model Number ML621
Manufacturer: Panasonic Energy Co., Ltd.
Manufacturer address: 1-1 Matsushita-cho, Moriguchi City, Osaka 570-8511, Japan
- Battery identification: FDK Model Number ML621
Manufacturer: FDK Corporation
Manufacturer address: Shibaura Crystal Shinagawa, 1-6-41 Konan, Minato-ku, Tokyo 108-8212 Japan

Environmental labeling for packaging

Per Commission Regulation Decision 97/129/EC Legislative Decree 152/2006, the product packaging may contain one or more of the following symbols.

	This symbol indicates that the packaging may contain corrugated fiberboard.
	This symbol indicates that the packaging may contain non-corrugated fiberboard.
	This symbol indicates that the packaging may contain paper.

For more information, go to www.lexmark.com/recycle, and then choose your country or region. Information on available packaging recycling programs is included with the information on product recycling.

Product disposal

Do not dispose of the printer or supplies in the same manner as normal household waste. Consult your local authorities for disposal and recycling options.

Returning Lexmark cartridges for reuse or recycling

The Lexmark Cartridge Collection Program allows you to return used cartridges for free to Lexmark for reuse or recycling. One hundred percent of the empty cartridges returned to Lexmark are either reused or demanufactured for recycling. The boxes used to return the cartridges are also recycled.

To return Lexmark cartridges for reuse or recycling, do the following:

1. Go to www.lexmark.com/recycle.
2. Select your country or region.
3. Select **Lexmark Cartridge Collection Program**.
4. Follow the instructions on the screen.

ENERGY STAR®

Any Lexmark product bearing the ENERGY STAR emblem on the product or on a start-up screen is certified to comply with Environmental Protection Agency (EPA) ENERGY STAR requirements as of the date of manufacture.



Notices for wireless products

Regulatory notices for wireless products

This section contains regulatory information that applies only to wireless models.

If in doubt as to whether your model is a wireless model, then see the "Wireless support" section or go to <http://support.lexmark.com>.

Modular component notice

Wireless models contain one of the following modular components:

Lexmark MarkNet N8450 / AzureWave AW-CM467-SUR; FCC ID:TLZ-CM467; IC:6100A-CM467

To determine which modular components are installed in your particular product, refer to the labeling on your actual product.

Exposure to radio frequency radiation

The radiated output power of this device is far below the radio frequency exposure limits of the FCC and other regulatory agencies. A minimum separation of 20 cm (8 inches) must be maintained between the antenna and any persons for this device to satisfy the RF exposure requirements of the FCC and other regulatory agencies.

Innovation, Science and Economic Development Canada

This device complies with Innovation, Science and Economic Development Canada license-exempt RSS standards. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Innovation, Sciences et Développement économique Canada

Cet appareil est conforme aux normes RSS exemptes de licence d'Innovation, Sciences et Développement économique Canada. Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférences et (2) il doit accepter toutes les interférences, y compris les celles qui peuvent entraîner un fonctionnement indésirable.

European Community (EC) directives conformity

This product is in conformity with the protection requirements of EC Council directive 2014/53/EU on the approximation and harmonization of the laws of the Member States relating to radio equipment.

The manufacturer of this product is: Lexmark International, Inc., 740 West New Circle Road, Lexington, KY, 40550 USA. The EEA/EU authorized representative is: Lexmark International Technology Hungária Kft., 8 Lechner Ödön fasor, Millennium Tower III, 1095 Budapest HUNGARY. Email: EU-Product-Safety@lexmark.com. The EEA/EU Importer is: Lexmark International Technology S.à.r.l. 20, Route de Pré-Bois, ICC Building, Bloc A, CH-1215 Genève, Switzerland. A declaration of conformity to the requirements of the Directives is available upon request from the Authorized Representative or may be obtained at www.lexmark.com/en_us/about/regulatory-compliance/european-union-declaration-of-conformity.html.

Compliance is indicated by the CE marking:



Restrictions

This radio equipment is restricted to indoor use only. Outdoor use is prohibited. This restriction applies to all the countries listed in the table below:



AT	BE	BG	CH	CY	CZ	DE	DK	EE
EL	ES	FI	FR	HR	HU	IE	IS	IT
LI	LT	LU	LV	MT	NL	NO	PL	PT
RO	SE	SI	SK	TR	UK (NI)			

EU and other countries statement of radio transmitter operational frequency bands and maximum RF power

This radio product transmits in either the 2.4GHz (2.412–2.472GHz in the EU) or 5GHz (5.15–5.35, 5.47–5.725GHz in the EU) bands. The maximum transmitter EIRP power output, including antenna gain, is $\leq 20\text{dBm}$ for both bands.

United Kingdom (UK) conformity

This product is in conformity with the protection requirements of the Radio Equipment Regulations 2017. The manufacturer of this product is: Lexmark International, Inc., 740 West New Circle Road, Lexington, KY, 40550 USA. The UK Importer is: Lexmark International Ltd, Building Q1 Quantum Business Park, 60 Norden Road, Maidenhead, Berkshire, United Kingdom SL6 4AY. A declaration of conformity is available upon request from the UK Importer or may be obtained at www.lexmark.com/en_us/about/regulatory-compliance/uk-declaration-of-conformity.html.

Compliance is indicated by the UKCA marking:



Restrictions or requirements in the UK

This radio equipment is restricted to indoor use only. Outdoor use is prohibited.

UK statement of radio transmitter operational frequency bands and maximum RF power

This radio product transmits in either the 2.4GHz (2.412–2.472 GHz in the UK) or 5GHz (5.15–5.35, 5.47–5.725 in the UK) bands. The maximum transmitter EIRP power output, including antenna gain, is $\leq 20\text{dBm}$ for both bands.

Notice to users in Thailand

ประกาศถึงผู้ใช้ในประเทศไทย

This radiocommunication equipment has the electromagnetic field strength in compliance with the Safety Standard for the Use of Radiocommunication Equipment on Human Health announced by the National Telecommunications Commission.

เครื่องวิทยุคมนาคมนี้มีระดับการแผ่คลื่นแม่เหล็กไฟฟ้าสอดคล้องตามมาตรฐาน ความปลอดภัยต่อสุขภาพของมนุษย์จากการใช้
เครื่องวิทยุคมนาคมที่คณะกรรมการกิจการโทรคมนาคมแห่งชาติประกาศกำหนด



Class A device notices

Model-specific information

The following information applies only to the CS632 (5031-675, 5031-685) and CS639 (5031-635) printer models.

Federal Communications Commission (FCC) compliance information statement

This product has been tested and found to comply with the limits for a Class A 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 A limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful

interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense. The manufacturer is not responsible for any radio or television interference caused by using other than recommended cables or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate this equipment.

Note: To assure compliance with FCC regulations on electromagnetic interference for a Class A computing device, use a properly shielded and grounded cable such as Lexmark part number 1021231 for parallel attach or 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

Telephone: (859) 232-2000

Email: regulatory@lexmark.com

Innovation, Science and Economic Development Canada compliance statement

This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Standard ICES-003.

Avis de conformité aux normes de l'Innovation, Sciences et Développement économique Canada

Cet appareil numérique de classe A est conforme aux exigences de la norme canadienne relative aux équipements pouvant causer des interférences NMB-003.

European Community (EC) directives conformity

This product is in conformity with the protection requirements of EC Council directives 2014/30/EU, 2014/35/EU, and 2011/65/EU as amended by (EU) 2015/863 on the approximation and harmonization of the laws of the Member States relating to electromagnetic compatibility, safety of electrical equipment designed for use within certain voltage limits, and on the restrictions of use of certain hazardous substances in electrical and electronic equipment.

The manufacturer of this product is: Lexmark International, Inc., 740 West New Circle Road, Lexington, KY, 40550 USA. The EEA/EU authorized representative is: Lexmark International Technology Hungária Kft., 8 Lechner Ödön fasor, Millennium Tower III, 1095 Budapest HUNGARY. Email: EU-Product-Safety@lexmark.com. The EEA/EU Importer is: Lexmark International Technology S.à.r.l. 20, Route de Pré-Bois, ICC Building, Bloc A, CH-1215 Genève, Switzerland. A declaration of conformity to the requirements of the Directives is available upon request from the Authorized Representative or may be obtained at www.lexmark.com/en_us/about/regulatory-compliance/european-union-declaration-of-conformity.html.

This product satisfies the Class A limits of EN 55032 and safety requirements of EN 62368-1.

United Kingdom (UK) conformity

This product is in conformity with the protection requirements of the Electromagnetic Compatibility Regulations 2016, the Electrical Equipment (Safety) Regulations 2016, and the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012.

The manufacturer of this product is: Lexmark International, Inc., 740 West New Circle Road, Lexington, KY, 40550 USA. The UK Importer is: Lexmark International Ltd, Building Q1 Quantum Business Park, 60 Norden Road, Maidenhead, Berkshire, United Kingdom SL6 4AY. A declaration of conformity is available upon request from the UK Importer or may be obtained at www.lexmark.com/en_us/about/regulatory-compliance/uk-declaration-of-conformity.html.

This product satisfies the Class A limits of BS EN 55032 and safety requirements of BS EN 62368-1.

Radio interference notice

Warning

This is a product that complies with the emission requirements of EN 55032 Class A limits and immunity requirements of EN 55035. This product is not intended to be used in residential/domestic environments. This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

Other regulatory notices

Static sensitivity notice



This symbol identifies static-sensitive parts. Do not touch the areas near these symbols without first touching a metal surface in an area away from the symbol.

To prevent damage from electrostatic discharge when performing maintenance tasks such as clearing paper jams or replacing supplies, touch any exposed metal frame of the printer before accessing or touching interior areas of the printer even if the symbol is not present.

The UK Product Security and Telecommunications Infrastructure Act 2022 (PSTI Act)—Summary Statement of Compliance

Lexmark International Inc., 740 West New Circle Road, Lexington, KY 40550 USA, declares that this product complies with the applicable security requirements in Schedule 1 of The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023. The defined support period for this product can be found at the following web page: <https://www.lexmark.com/firmware-eos>.

A copy of the Statement of Compliance is available for download at the following web page: https://www.lexmark.com/en_us/about/regulatory-compliance/all-regulatory-docs.html.

The Australia Security Standard for Consumer Grade Relevant Products—Summary Statement of Compliance

Lexmark International Inc., 740 West New Circle Road, Lexington, KY 40550 USA, declares that this product complies with the applicable security requirements of Part 1 of Schedule 1 of the Cyber Security (Security Standards for Smart Devices) Rules 2025. The defined support period for this product can be found at the following web page: <https://www.lexmark.com/firmware-eos>.

A copy of the Statement of Compliance is available for download at the following web page: https://www.lexmark.com/en_us/about/regulatory-compliance/all-regulatory-docs.html.

Thailand NBTC technical standards conformity statement

คำประกาศเรื่องการเป็นไปตามมาตรฐานทางเทคนิคของ กสทช. ประเทศไทย

This telecommunication equipment conforms to the technical standards or requirements of NBTC.

เครื่องโทรคมนาคมและอุปกรณ์นี้มีความสอดคล้องตามมาตรฐานหรือข้อกำหนดทางเทคนิคของ กสทช.

User's Guide