



# **X54x Series**

## **Maintenance Guide**

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# Maintaining the printer

Periodically, certain tasks are required to maintain optimum print quality.

## Storing supplies

Choose a cool, clean storage area for the printer supplies. Store supplies right side up in their original packing until you are ready to use them.

Do not expose supplies to:




- Direct sunlight
- Temperatures above 35°C (95°F)
- High humidity above 80%
- Salty air
- Corrosive gases
- Heavy dust

## Checking the status of supplies

A message appears on the display when a replacement supply item is needed or when maintenance is required.

### Checking the status of supplies from the printer control panel

You can check the status of printer supplies by printing a menu settings page:

- 1 Make sure the printer is on and **Ready** appears.
- 2 From the printer control panel, press .
- 3 Press the arrow buttons until **Reports** appears, and then press .
- 4 Press the arrow buttons until **Menu Settings Page** appears, and then press .

### Checking the status of supplies from a network computer

**Note:** The computer must be connected to the same network as the printer.

- 1 Type the printer IP address into the address field of your Web browser.

**Note:** If you do not know the IP address of the printer, print a network setup page and locate the IP address in the TCP/IP section.

- 2 Click **Device Status**. The Device Status page appears, displaying a summary of supply levels.

# Ordering supplies

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, visit the Lexmark Web Site at [www.lexmark.com](http://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.

## Ordering toner cartridges

When **88 Cyan Cartridge Low**, **88 Magenta Cartridge Low**, **88 Yellow Cartridge Low**, or **88 Black Cartridge low** appears, order a new cartridge.

When **88 Replace Cyan Cartridge**, **88 Replace Magenta Cartridge**, **88 Replace Yellow Cartridge**, or **88 Replace Black Cartridge** appears, you *must* replace the specified toner cartridge.

Part name	Part number	C540, C543, and X543 series	C544, X544, and X546 series
Black Return Program Toner Cartridge	C540A1KG	✓	✓
Cyan Return Program Toner Cartridge	C540A1CG	✓	✓
Magenta Return Program Toner Cartridge	C540A1MG	✓	✓
Yellow Return Program Toner Cartridge	C540A1YG	✓	✓
Black High Yield Return Program Toner Cartridge	C540H1KG	✓	✓
Cyan High Yield Return Program Toner Cartridge	C540H1CG	✓	✓
Magenta High Yield Return Program Toner Cartridge	C540H1MG	✓	✓
Yellow High Yield Return Program Toner Cartridge	C540H1YG	✓	✓
Black High Yield Toner Cartridge	C540H2KG	✓	✓
Cyan High Yield Toner Cartridge	C540H2CG	✓	✓
Magenta High Yield Toner Cartridge	C540H2MG	✓	✓
Yellow High Yield Toner Cartridge	C540H2YG	✓	✓
Black Extra High Yield Return Program Toner Cartridge	C544X1KG	Not supported	✓
Cyan Extra High Yield Return Program Toner Cartridge	C544X1CG	Not supported	✓

Part name	Part number	C540, C543, and X543 series	C544, X544, and X546 series
Magenta Extra High Yield Return Program Toner Cartridge	C544X1MG	Not supported	✓
Yellow Extra High Yield Return Program Toner Cartridge	C544X1YG	Not supported	✓
Black Extra High Yield Toner Cartridge	C544X2KG	Not supported	✓
Cyan Extra High Yield Toner Cartridge	C544X2CG	Not supported	✓
Magenta Extra High Yield Toner Cartridge	C544X2MG	Not supported	✓
Yellow Extra High Yield Toner Cartridge	C544X2YG	Not supported	✓
Black Extra High Yield Return Program Toner Cartridge	C546U1KG	Not supported	✓
Black Extra High Yield Toner Cartridge	C546U2KG	Not supported	✓

## Ordering imaging kits

When **Replace black and color imaging kit** or **Replace black imaging kit** appears, order a replacement imaging kit.

Part name	Part number
Black and Color Imaging Kit	C540X71G
Black Imaging Kit	C540X74G

## Ordering a waste toner bottle

When **82 Replace Waste Toner** appears, order a replacement waste toner bottle. The waste toner bottle *must* be replaced when **82 Replace Waste Toner** appears.


Part name	Part number
Waste toner bottle	C540X75G

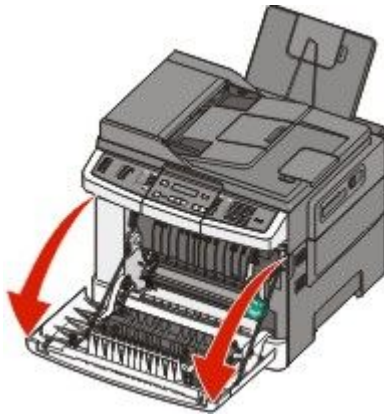
# Replacing supplies

## Replacing the waste toner bottle

Replace the waste toner bottle when **82 Replace waste toner** appears. The printer will not continue printing until the waste toner bottle is replaced.

- 1 Unpack the replacement waste toner bottle.
- 2 Grasp the front door at the side handholds, and then pull it toward you.

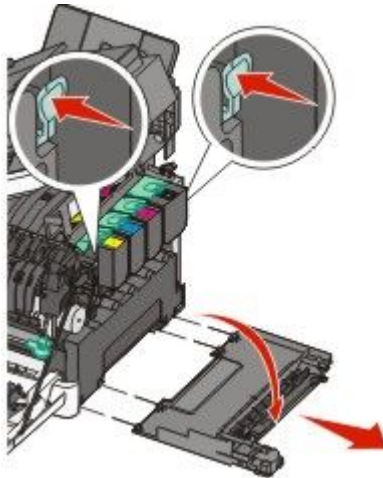
 **CAUTION—HOT SURFACE:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching.



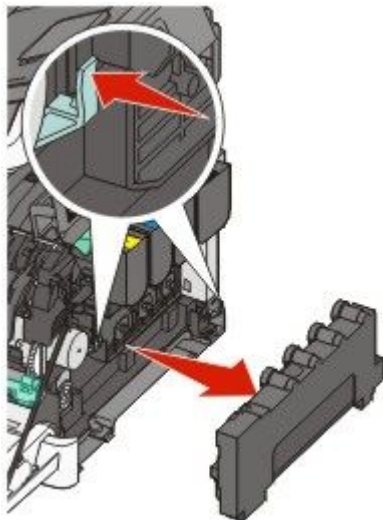
- 3 Open the top door.



4 Remove the right side cover.

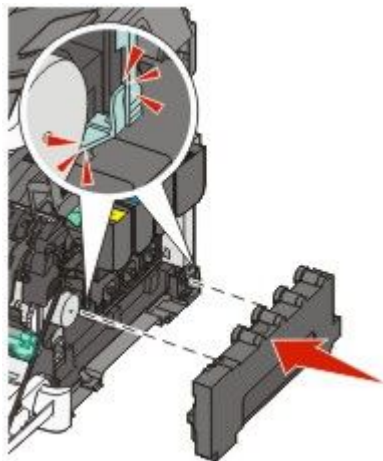


5 Press the green levers on each side of the waste toner bottle, and then remove it.

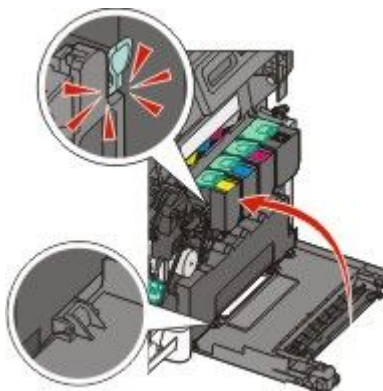


6 Place the waste toner bottle in the enclosed packaging.

7 Insert the new waste toner bottle.



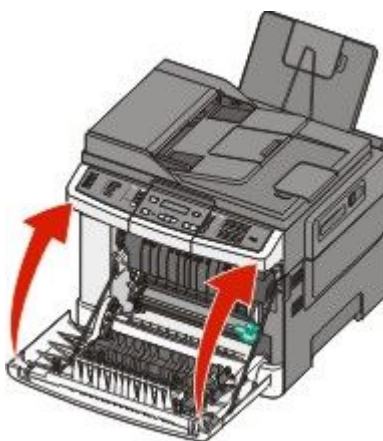
**8** Replace the right side cover.



**9** Close the top door.



**10** Close the front door.




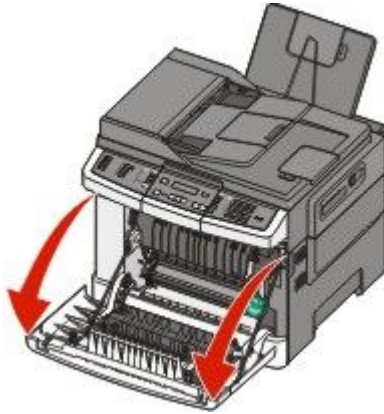


## Replacing a black imaging kit

Replace the black imaging kit when **Replace Black Imaging Kit** appears.

- 1 Grasp the front door at the side handholds, and then pull it toward you.

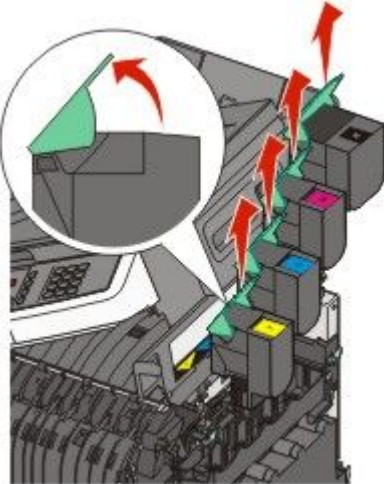
 **CAUTION—HOT SURFACE:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching.



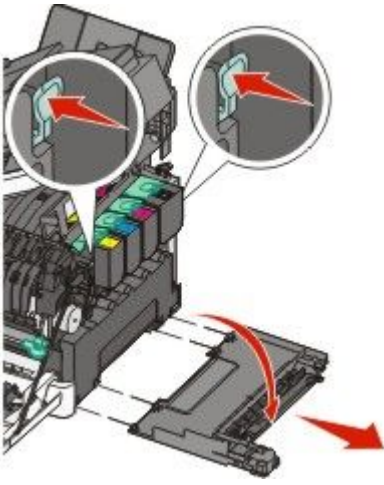
- 2 Open the top door.



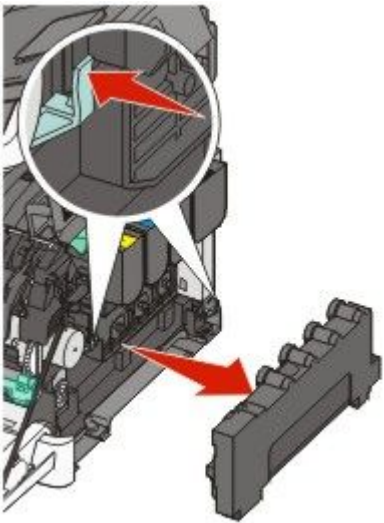
3 Remove the toner cartridges by lifting the handles, and then gently pulling away from the imaging kit.



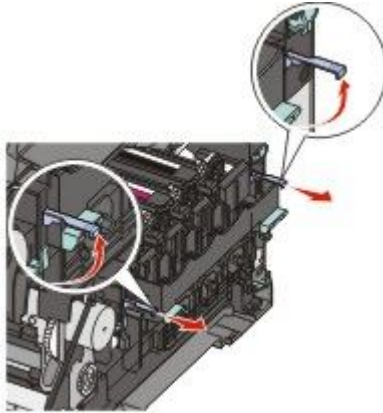
4 Remove the right side cover.



5 Press the green levers on each side of the waste toner bottle, and then remove it.

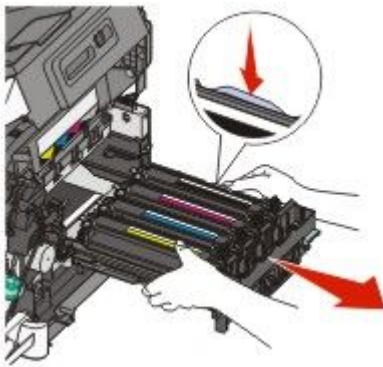


**6** Lift the blue levers on the imaging kit, and then pull it toward you.

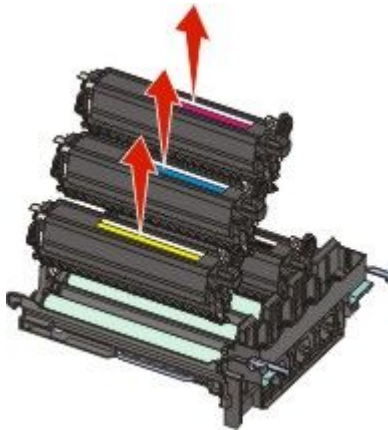


**7** Press down on the blue levers, grasp the green handles on the sides, and then pull the imaging kit out.

**Warning—Potential Damage:** Do not touch the underside of the imaging kit. This could damage the imaging kit.



**8** Remove the yellow, cyan, and magenta developer units.

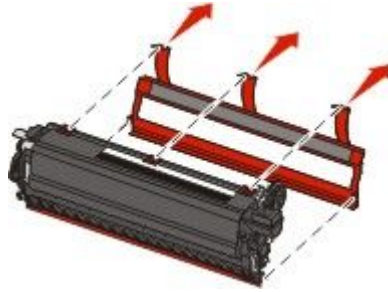


**9** Unpack the replacement black imaging kit.

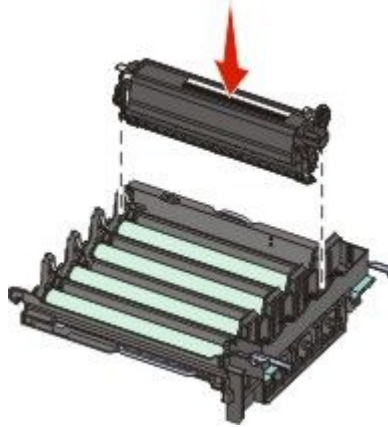
Leave the packaging on the black developer unit.

**10** Gently shake the black developer unit side to side.

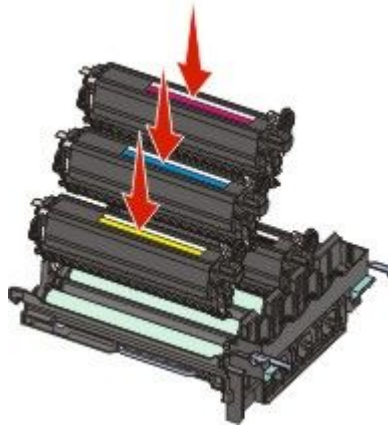
**11** Remove the red shipping cover from the black developer unit.



**12** Insert the black developer unit.



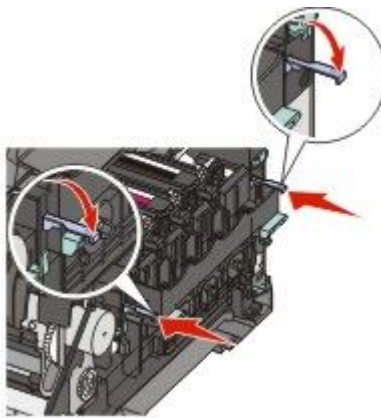
**13** Replace the yellow, cyan, and magenta developer units.



**Note:** Make sure each developer unit is inserted into a matching color slot.

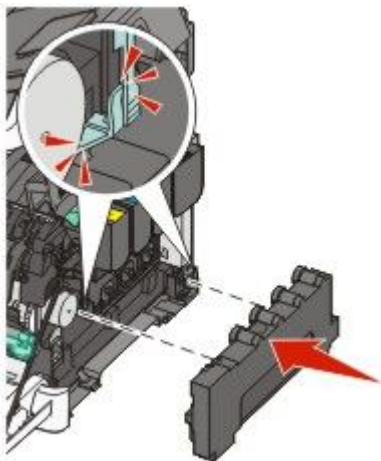
**14** Place the used black imaging kit in the enclosed package.

**15** Align and insert the imaging kit.

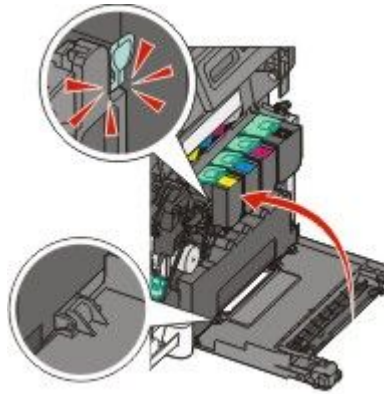


**16** Rotate the blue levers down until the imaging kit drops into place.

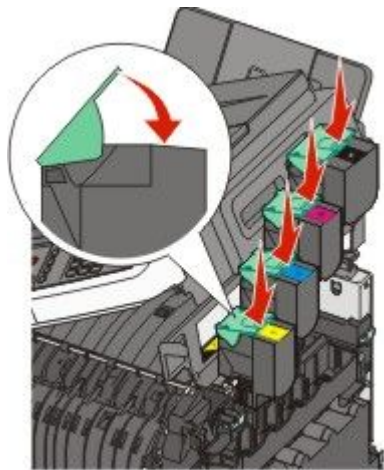
**17** Replace the waste toner bottle.



**18** Replace the right side cover.



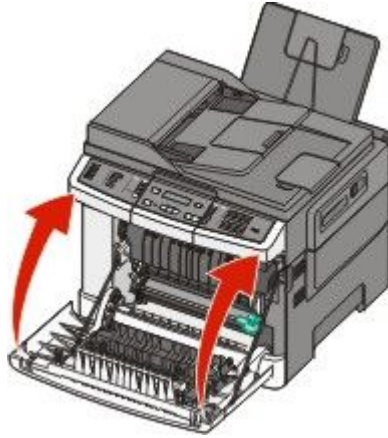
**19** Replace the toner cartridges.



**20** Close the top door.




**21** Close the front door.

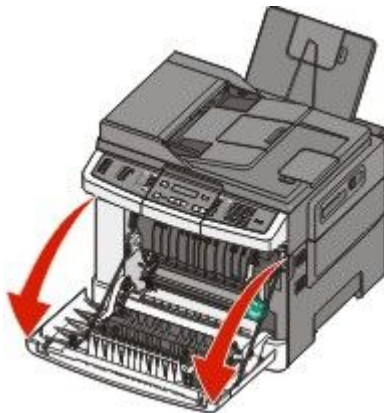


## Replacing a black and color imaging kit

Replace the black and color imaging kit when **Replace Color Imaging Kit** appears.

**1** Grasp the front door at the side handholds, and then pull it toward you to open it.

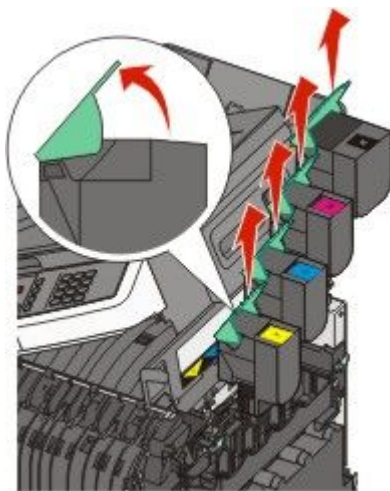
 **CAUTION—HOT SURFACE:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching.



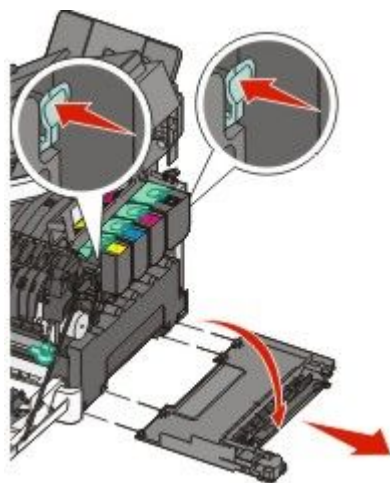
2 Open the top door.



3 Remove the toner cartridges by lifting the handles, and then gently pulling away from the imaging kit.

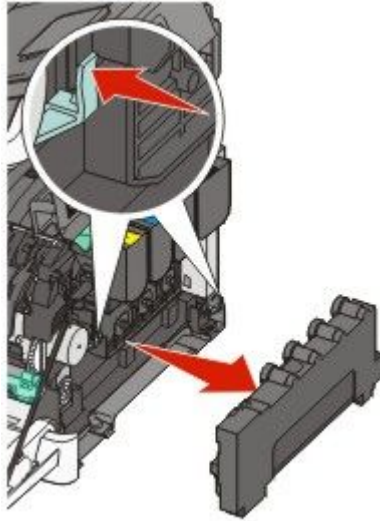


4 Remove the right side cover.

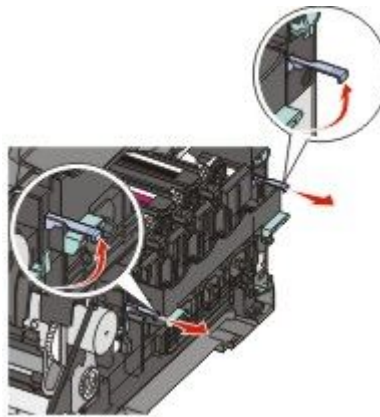




5 Press the green levers on each side of the waste toner bottle, and remove it.

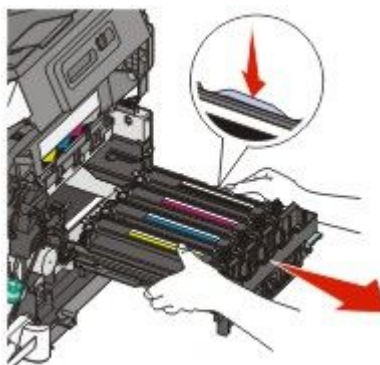


6 Lift the blue levers on the imaging kit, and then pull it toward you.



7 Press down on the blue levers, grasp the green handles on the sides, and then pull the imaging kit out.

**Warning—Potential Damage:** Do not touch the underside of the imaging kit. This could damage the imaging kit.

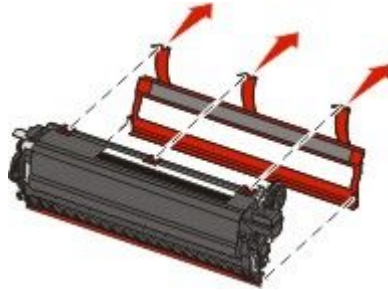


8 Unpack the replacement black and color imaging kit.

Leave the packaging on the developer units.

9 Gently shake the yellow, cyan, magenta, and black developer units side to side.

**10** Remove the red shipping cover from the yellow, cyan, magenta, and black developer units.



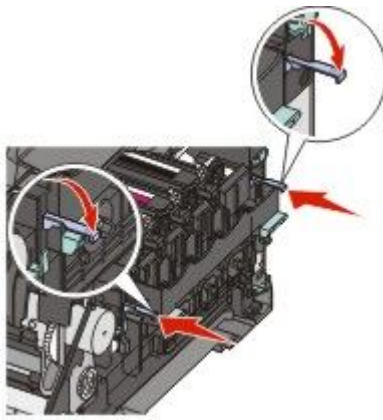
**11** Insert the yellow, cyan, magenta, and black developer units.



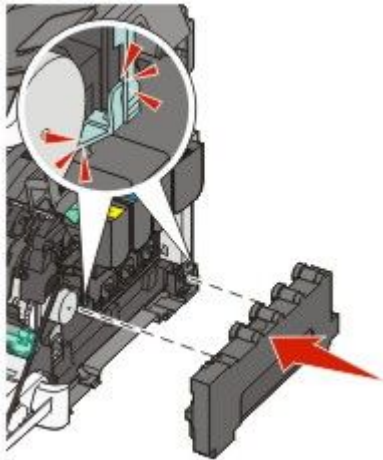
**12** Place the used black and color imaging kit in the enclosed package.

**13** Align and insert the imaging kit.

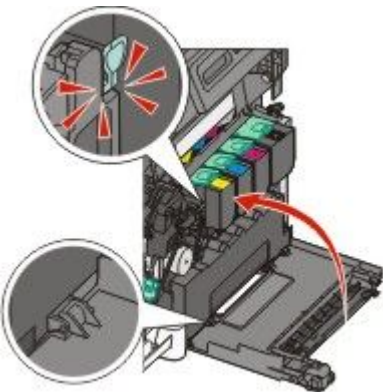




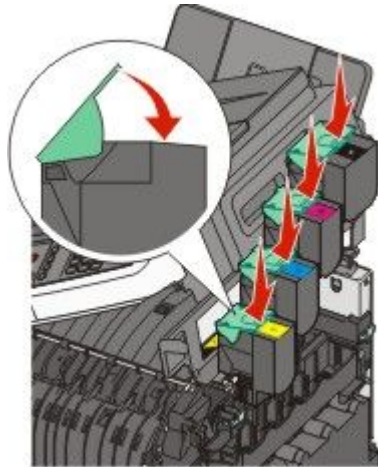
**14** Replace the waste toner bottle.



**15** Replace the right side cover.



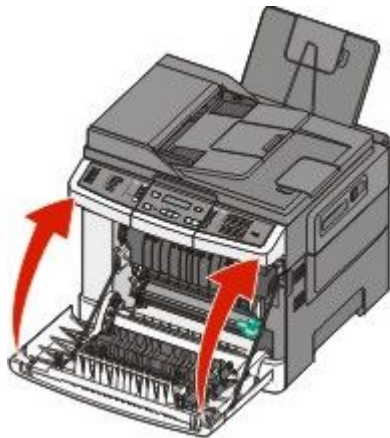
**16** Replace the toner cartridges.



**17** Close the top door.



**18** Close the front door.



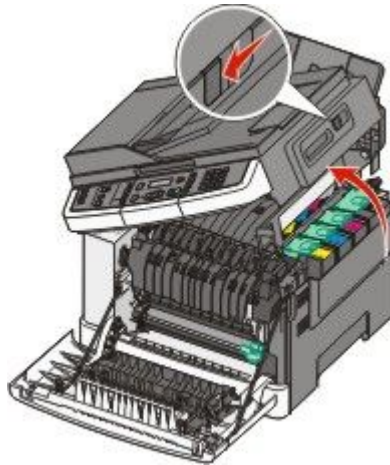
## Replacing a toner cartridge

Replace the specified toner cartridge (yellow, cyan, magenta, or black) when **88 Replace <color> Cartridge** appears. The printer will not continue printing until the specified cartridge is replaced.

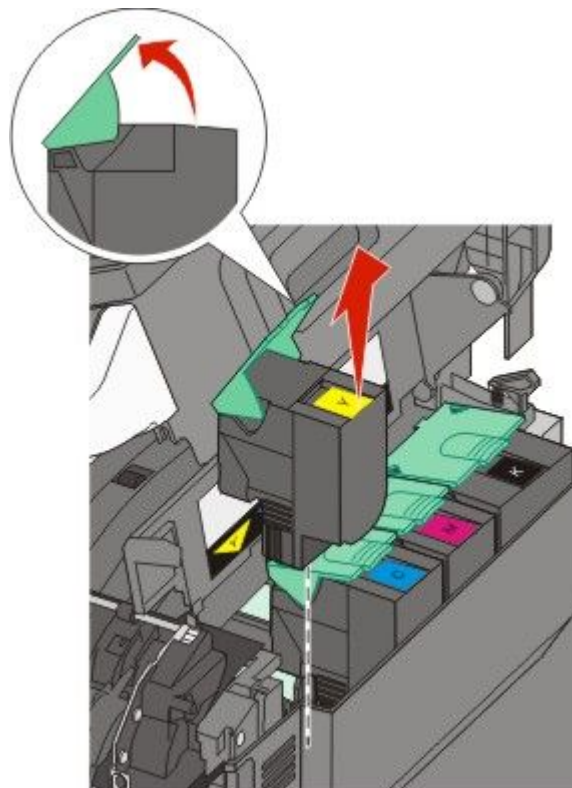
**Warning—Potential Damage:** Damage caused by use of a non-Lexmark toner cartridge is not covered under warranty.

**Note:** Degraded print quality may result from using non-Lexmark toner cartridges.

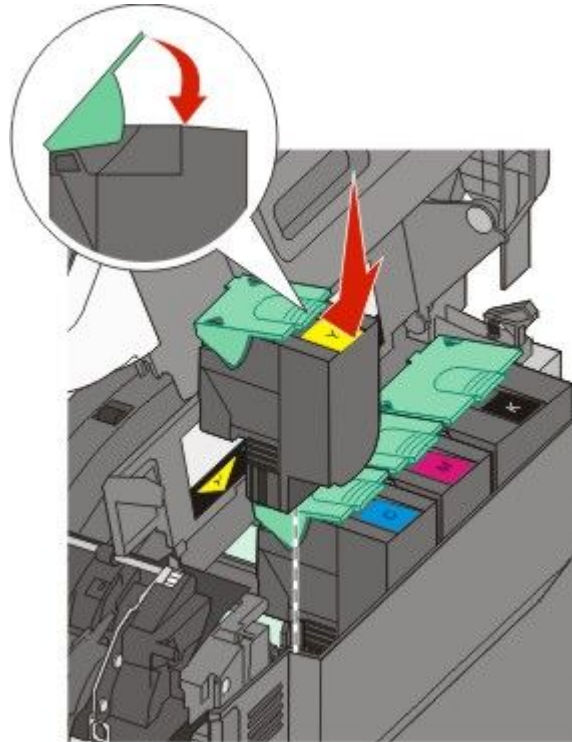
- 1 Make sure the printer is on and **Ready** or **88 Replace <color> Cartridge** appears.
- 2 Unpack the new cartridge, and set it near the printer.
- 3 Open the top door.



- 4 Remove the toner cartridge by lifting the handle, and then gently pulling away from the imaging kit.



5 Align the new toner cartridge, and then press down until it is all the way into the slot.




6 Close the top door.

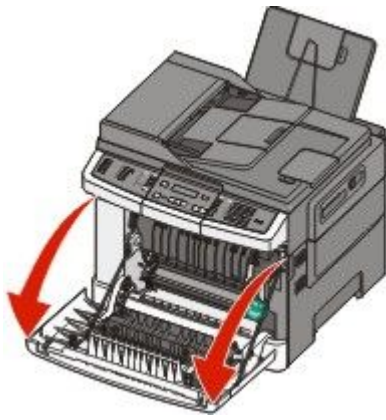


## Replacing a developer unit

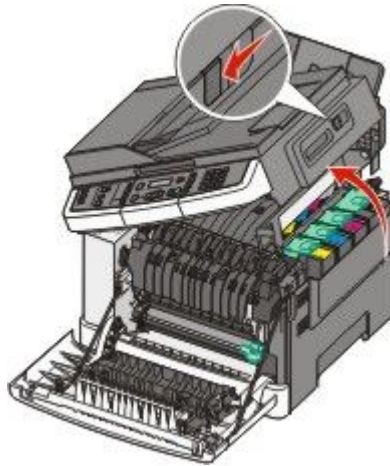
Replace a developer unit when a print quality defect occurs or when damage occurs to the printer.

1 Grasp the front door at the side handholds, and then pull it toward you to open it.

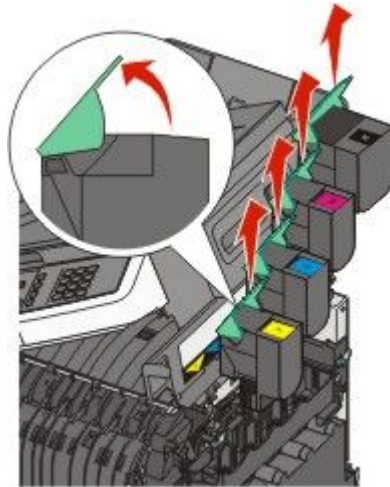
 **CAUTION—HOT SURFACE:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching.



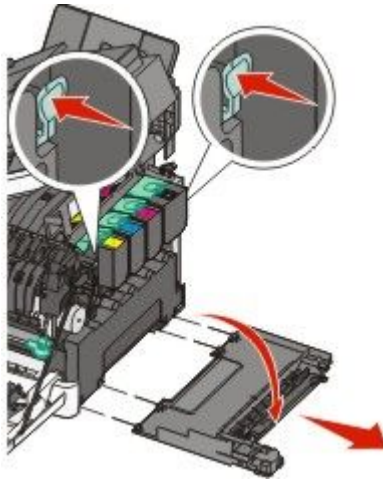
**2** Open the top door.



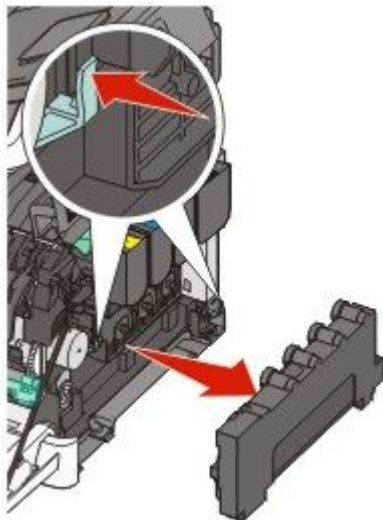
**3** Remove the toner cartridges by lifting the handles and then gently pulling away from the imaging kit.



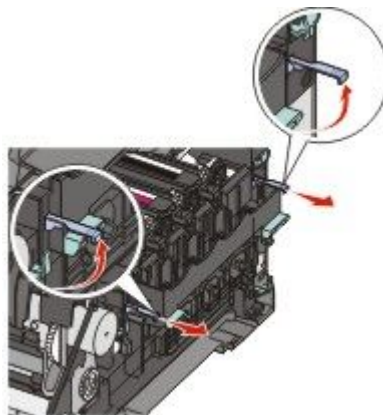
4 Remove the right side cover.



5 Press the green levers on each side of the waste toner bottle, and then remove it.



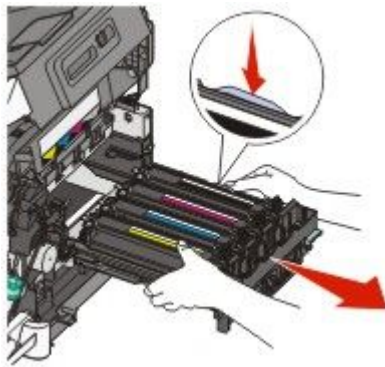
6 Lift the blue levers on the imaging kit, and then pull it toward you.



7 Press down on the blue levers, grasp the handles on the sides, and then pull the imaging kit out.

**Warning—Potential Damage:** Do not touch the underside of the imaging kit. This could damage the imaging kit.





**8** Remove the used developer unit.



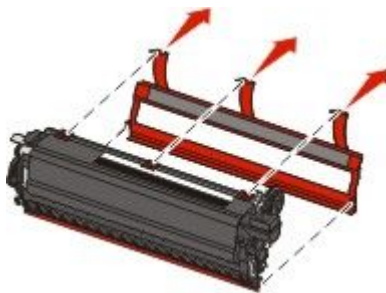
**9** Place the used developer in the enclosed package.

**10** Unpack the replacement developer unit.

Leave the packaging on the developer unit.

**11** Gently shake the developer unit side to side.

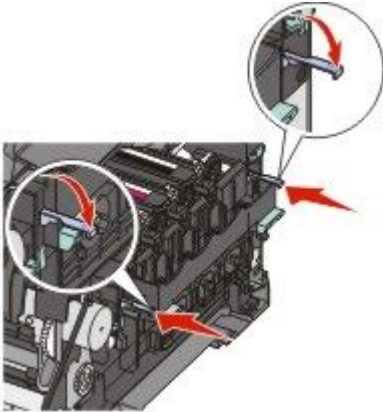
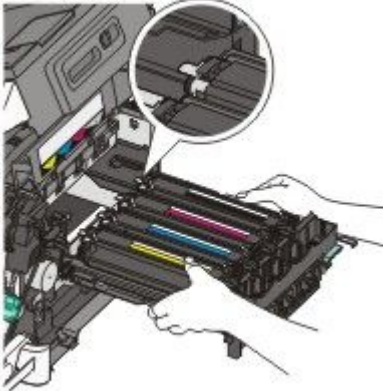
**12** Remove the red shipping cover from the developer unit.



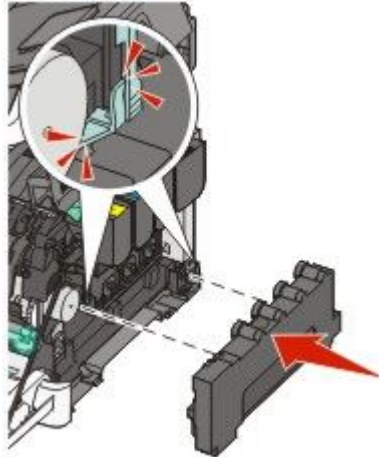
13 Insert the developer unit.



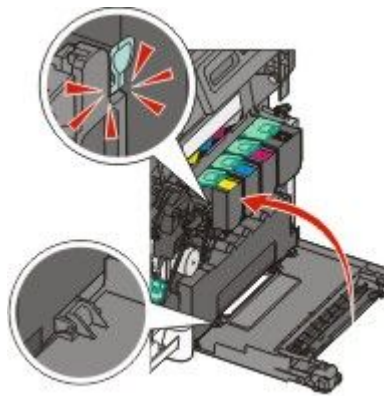
14 Align and insert the imaging kit.



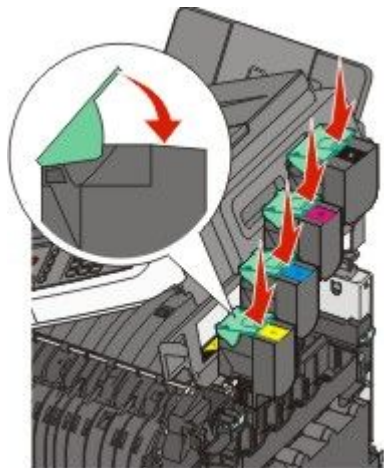
**15** Replace the waste toner bottle.



**16** Replace the right side cover.



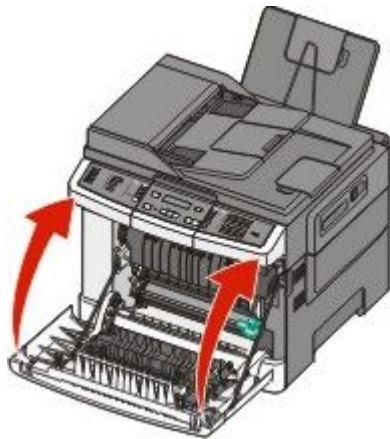
**17** Replace the toner cartridges.



18 Close the top door.




19 Close the front door.



## Cleaning the exterior of the printer

1 Make sure that the printer is turned off and unplugged from the wall outlet.

 **CAUTION—SHOCK HAZARD:** To avoid the risk of electric shock when cleaning the exterior of the printer, unplug the power cord from the wall outlet and disconnect all cables from the printer before proceeding.

2 Remove paper from the standard exit tray.

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

**Warning—Potential Damage:** Do not use household cleaners or detergents, as they may damage the finish of the printer.

4 Wipe only the outside of the printer, making sure to include the standard exit tray.

**Warning—Potential Damage:** Using a damp cloth to clean the interior may cause damage to your printer.

5 Make sure the standard exit tray is dry before beginning a new print job.

# Cleaning the scanner glass

Clean the scanner glass if you encounter print quality problems, such as streaks on copied or scanned images.

**Note:** Clean both areas of the scanner glass and both white underside areas.

- 1 Slightly dampen a soft, lint-free cloth or paper towel with water.
- 2 Open the scanner cover.



1	White underside ADF cover
2	White underside scanner glass cover
3	Scanner glass
4	ADF glass

- 3 Wipe the scanner glass until it is clean and dry.
- 4 Wipe the white underside of the scanner cover until it is clean and dry.
- 5 Close the scanner cover.

# Moving the printer

## Before moving the printer

**⚠ CAUTION—POTENTIAL INJURY:** The printer weight is greater than 18 kg (40 lb) and requires two or more trained personnel to move it safely.

**⚠ CAUTION—POTENTIAL INJURY:** Before moving the printer, follow these guidelines to avoid personal injury or printer damage:

- Turn the printer off using the power switch, and then unplug the power cord from the wall outlet.
- Disconnect all cords and cables from the printer before moving it.

- Lift the printer off of the optional drawer and set it aside instead of trying to lift the drawer and printer at the same time.

**Note:** Use the handholds located on both sides of the printer to lift it off the optional drawer.

**Warning—Potential Damage:** Damage to the printer caused by improper moving is not covered by the printer warranty.

## Moving the printer to another location

The printer and options can be safely moved to another location by following these precautions:

- 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 options must have a surface able to support the dimensions of the options.
- Keep the printer in an upright position.
- Avoid severe jarring movements.

## Shipping the printer

When shipping the printer, use the original packaging or call the place of purchase for a relocation kit.