



## Lexmark™ C54x 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 and C543	C544	C546
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	✓	✓	✓

Part name	Part number	C540 and C543	C544	C546
Black Extra High Yield Return Program Toner Cartridge	C544X1KG	X	✓	X
Cyan Extra High Yield Return Program Toner Cartridge	C544X1CG	X	✓	✓
Magenta Extra High Yield Return Program Toner Cartridge	C544X1MG	X	✓	✓
Yellow Extra High Yield Return Program Toner Cartridge	C544X1YG	X	✓	✓
Black Extra High Yield Toner Cartridge	C544X2KG	X	✓	X
Cyan Extra High Yield Toner Cartridge	C544X2CG	X	✓	✓
Magenta Extra High Yield Toner Cartridge	C544X2MG	X	✓	✓
Yellow Extra High Yield Toner Cartridge	C544X2YG	X	✓	✓
Black Extra High Yield Return Program Toner Cartridge	C546U1KG	X	X	✓
Black Extra High Yield Toner Cartridge	C546U2KG	X	X	✓

## 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	C540, C543, C544	C546
Black and Color Imaging Kit	C540X74G	✓	✓
Black Imaging Kit	C540X71G	✓	✓
Photoconductor Unit	C540X35G	Not Supported	✓
Black Developer Unit	C540X31G	Not Supported	✓
Cyan Developer Unit	C540X32G	Not Supported	✓
Magenta Developer Unit	C540X33G	Not Supported	✓
Yellow Developer Unit	C540X34G	Not Supported	✓

## Ordering a waste toner bottle

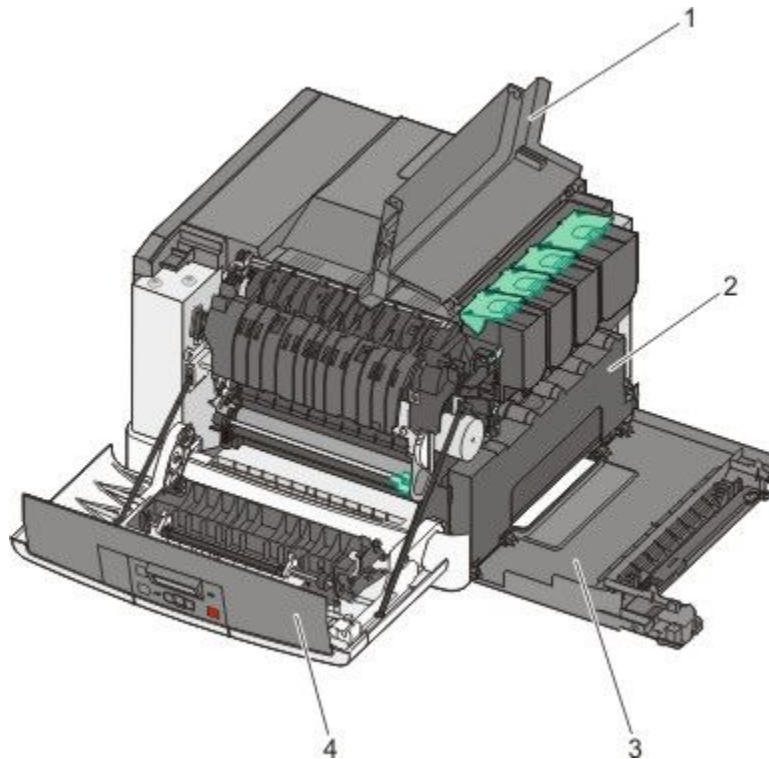
When **82 Replace Waste Toner** appears, order a replacement waste toner box. The waste toner box *must* be replaced when **82 Replace Waste Toner** appears.

Part name	Part number
Waste toner bottle	C540X75G

## Replacing supplies


### Replacing the waste toner bottle

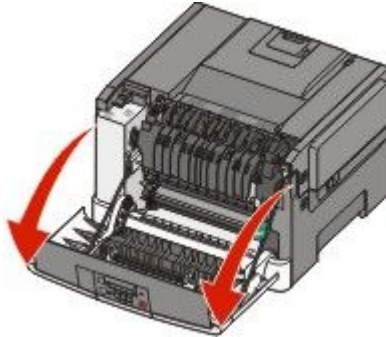
Replace the waste toner bottle when **82 Replace waste toner** appears. The printer will not continue printing until the waste toner bottle is replaced.



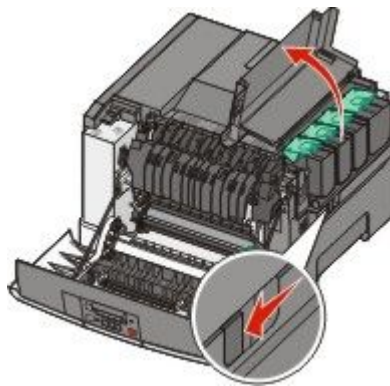
1	Top door
2	Waste toner bottle
3	Right side cover
4	Front door

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

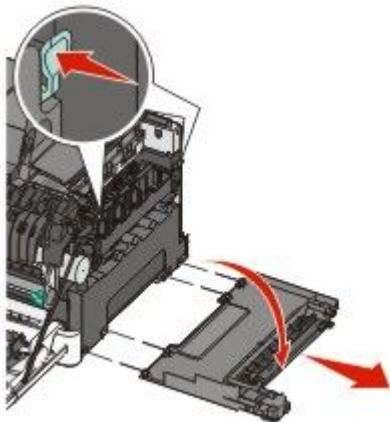
 **CAUTION—HOT SURFACE:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching.



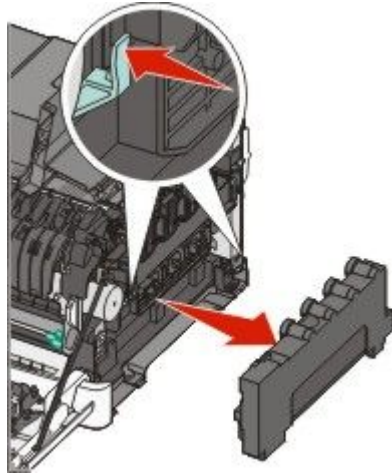
- 3 Open the top door.



- 4 Remove the right side cover.

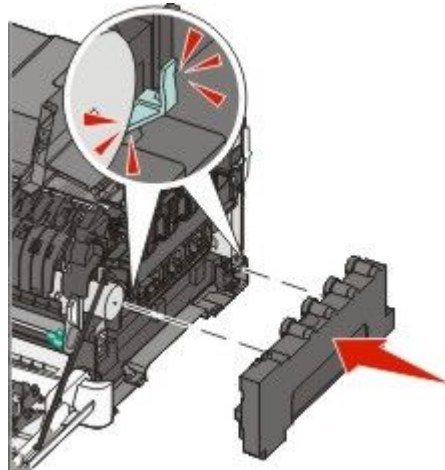


5 Press the green levers on each side of the waste toner bottle, and then remove it.

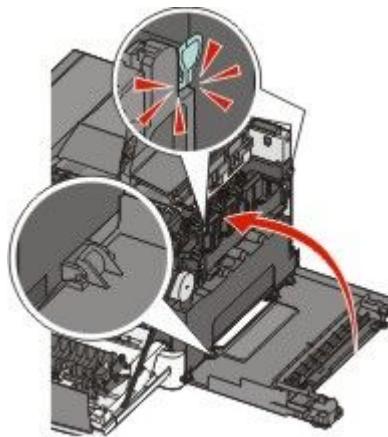


6 Place the waste toner bottle in the enclosed packaging. For more information, see the *User's Guide*.

7 Insert the new waste toner bottle.

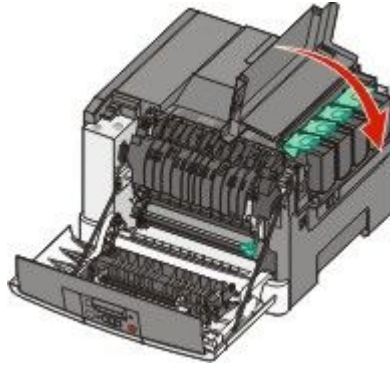


8 Replace the right side cover.

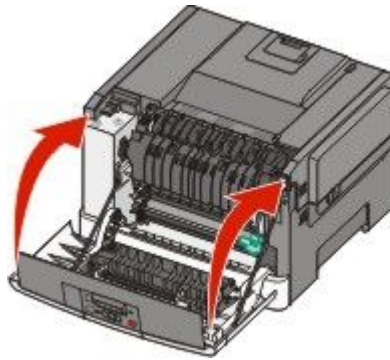




9 Close the top door.




10 Close the front door.

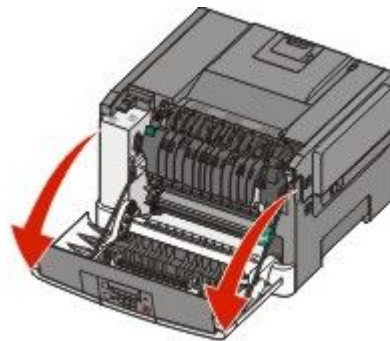


## Replacing a black imaging kit

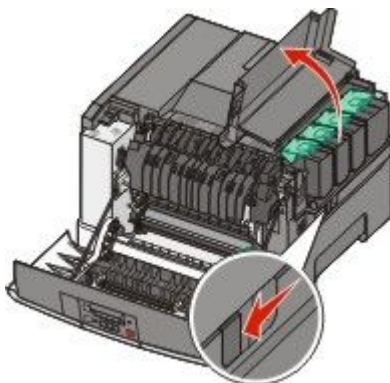
Replace the black imaging kit when **Imaging Kit** appears.

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

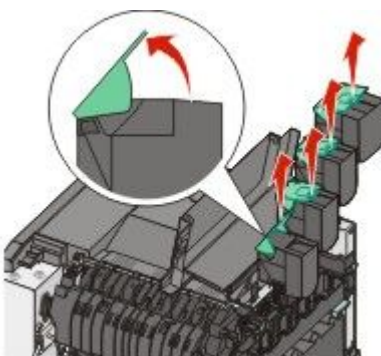
 **CAUTION—HOT SURFACE:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching.



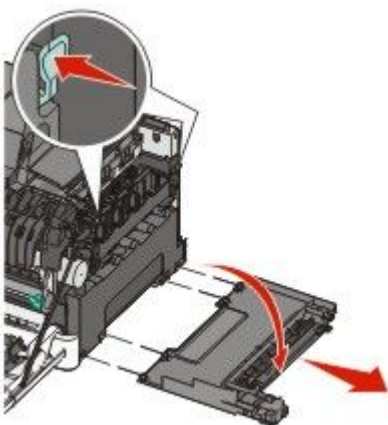
2 Open the top door.



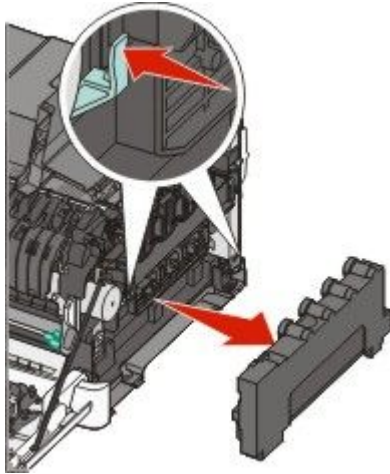
3 Remove the toner cartridges by lifting the handles, and then gently pulling away from the imaging kit.



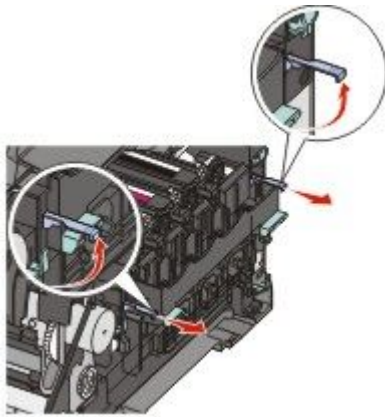
4 Remove the right side cover.



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

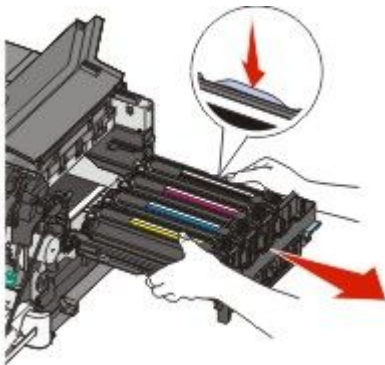


6 Lift the blue levers on the imaging kit, and then pull it toward you.

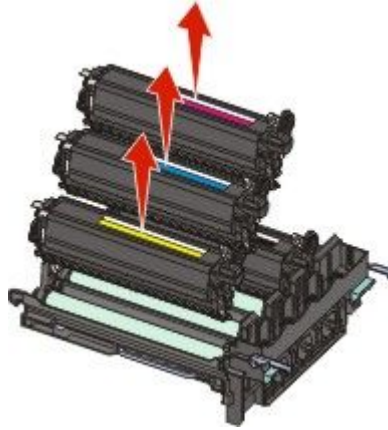


7 Press down on the blue levers, grasp the green handles on the sides, and then pull the imaging kit out.

**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.

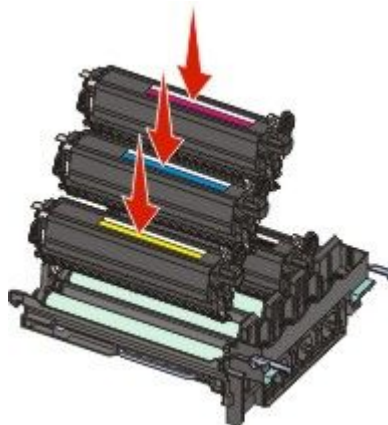
**10** Gently shake the black developer unit side to side.

**11** Remove the packaging from the black developer unit.

**12** Insert the black developer unit.



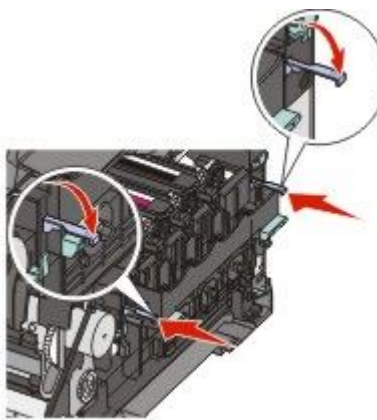
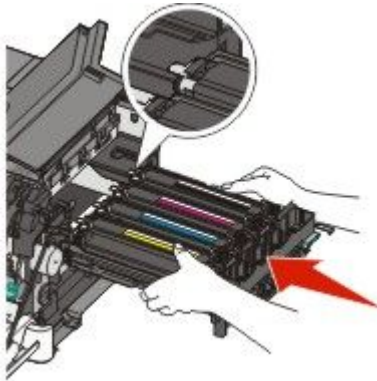
**13** Replace the yellow, cyan, and magenta developer units.



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

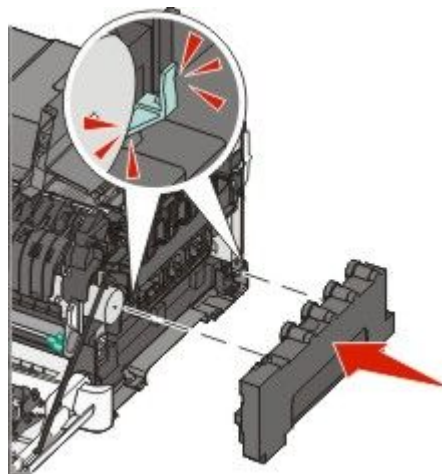
**14** Place the used black imaging kit in the enclosed package. For more information, see **Recycling Lexmark Products**.

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

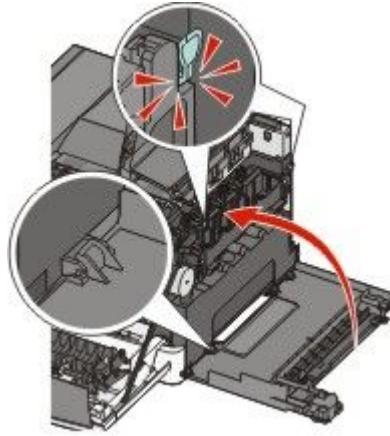


**16** Rotate the blue levers down until the imaging kit drops into place.

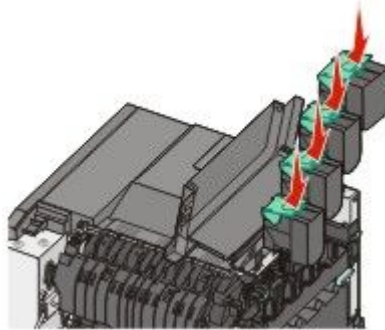
**17** Replace the waste toner bottle.



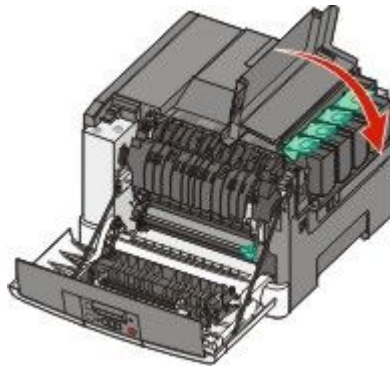
**18** Replace the right side cover.



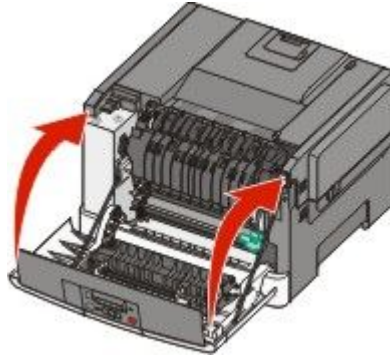
**19** Replace the toner cartridges.



**20** Close the top door.




**21** Close the front door.

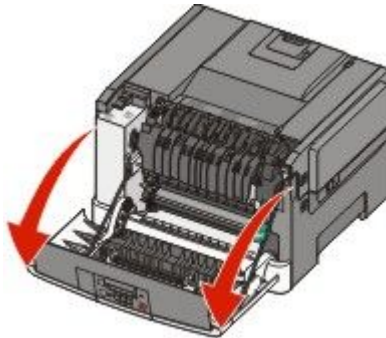


## Replacing a black and color imaging kit

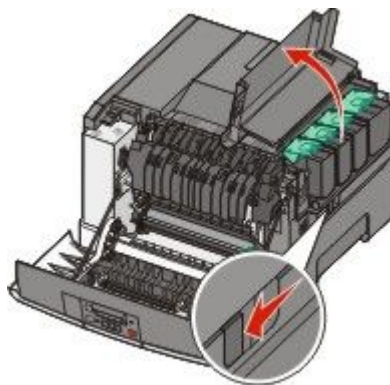
Replace the black and color imaging kit when **Imaging Kit** appears.

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

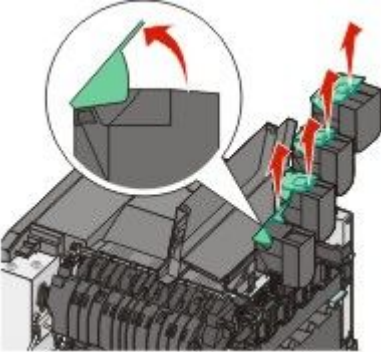
 **CAUTION—HOT SURFACE:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching.



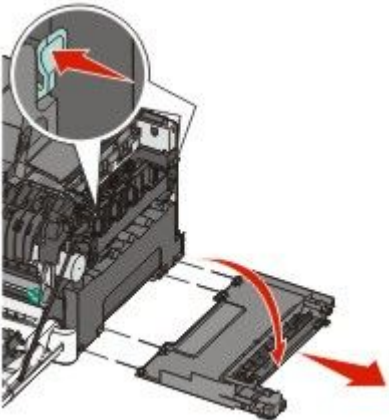
**2** Open the top door.



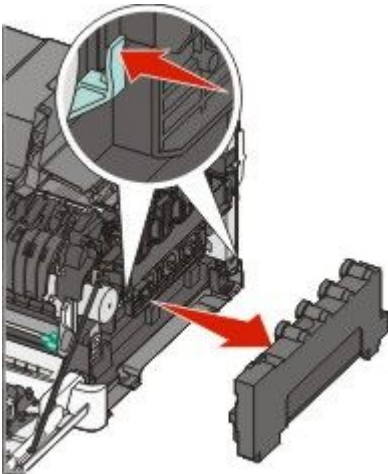
3 Remove the toner cartridges by lifting the handles, and then gently pulling away from the imaging kit.



4 Remove the right side cover.

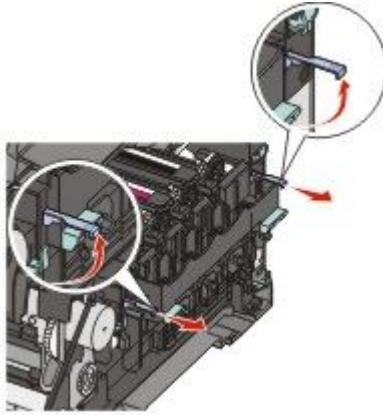


5 Press the green levers on each side of the waste toner bottle, and remove it.



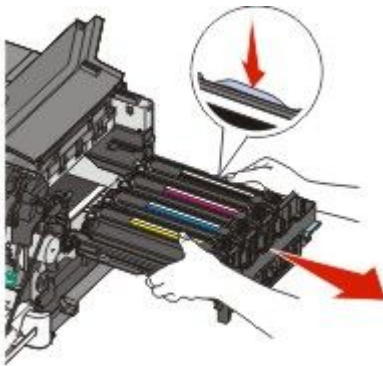


6 Lift the blue levers on the imaging kit, and then pull it toward you.



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.



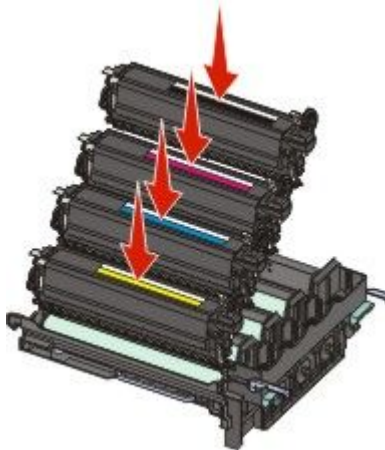
8 Unpack the replacement black and color imaging kit.

Leave the packaging on the developer units.

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

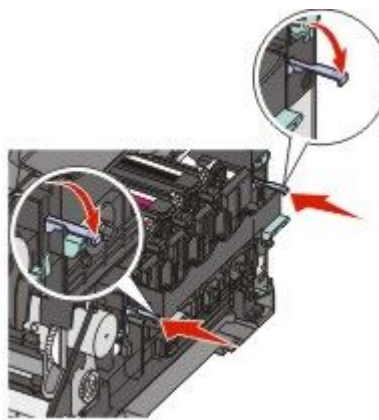
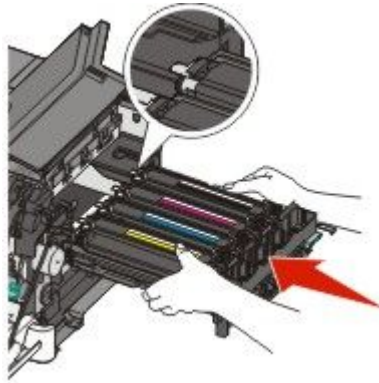
10 Remove the packaging from the yellow, cyan, magenta, and black developer units.

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

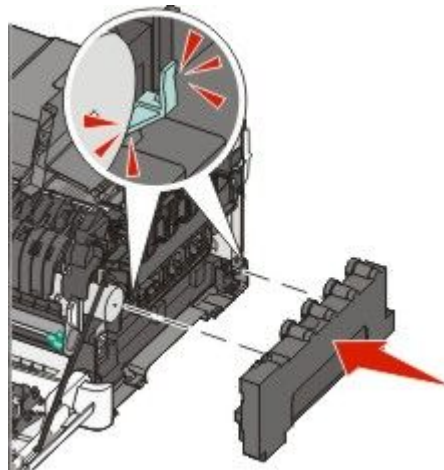


**12** Place the used black and color imaging kit in the enclosed package. For more information, see the *User's Guide*.

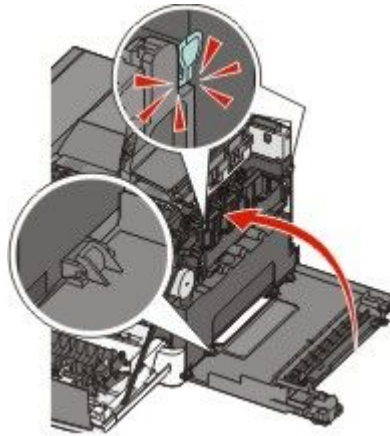
**13** Align and insert the imaging kit.



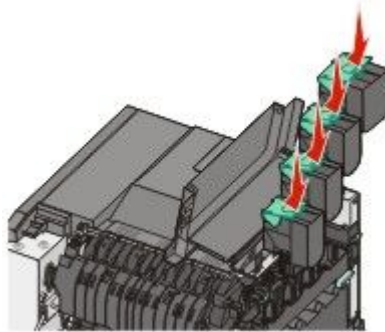
**14** Replace the waste toner bottle.



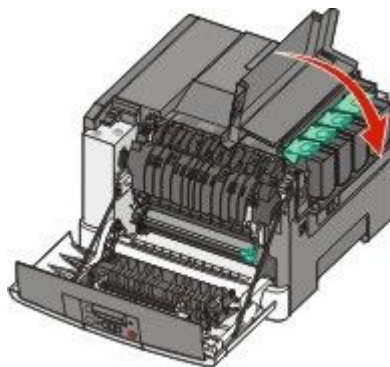
**15** Replace the right side cover.



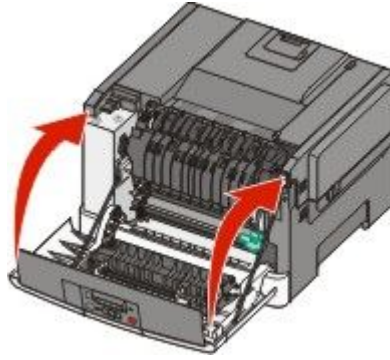
**16** Replace the toner cartridges.



**17** Close the top door.



**18** Close the front door.



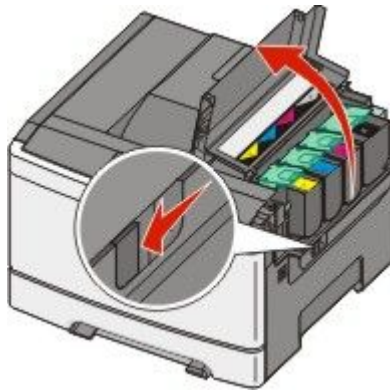
## Replacing a toner cartridge

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.

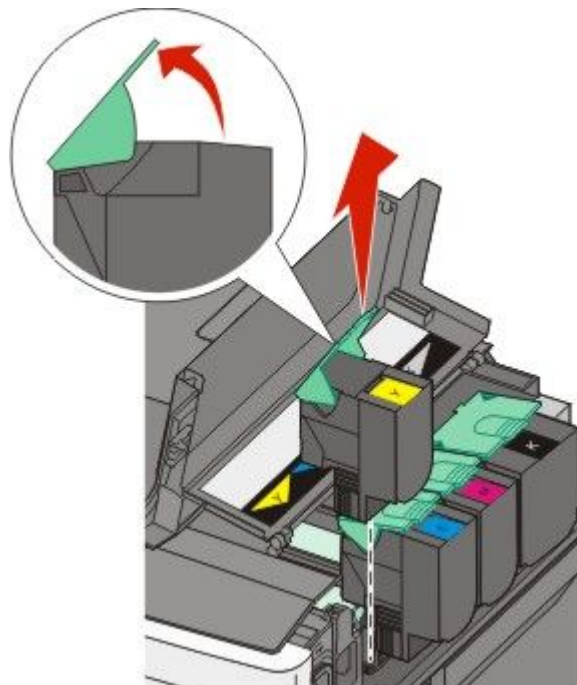
**Warning—Potential Damage:** Damage caused by use of a non-Lexmark toner cartridge is not covered under warranty.

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

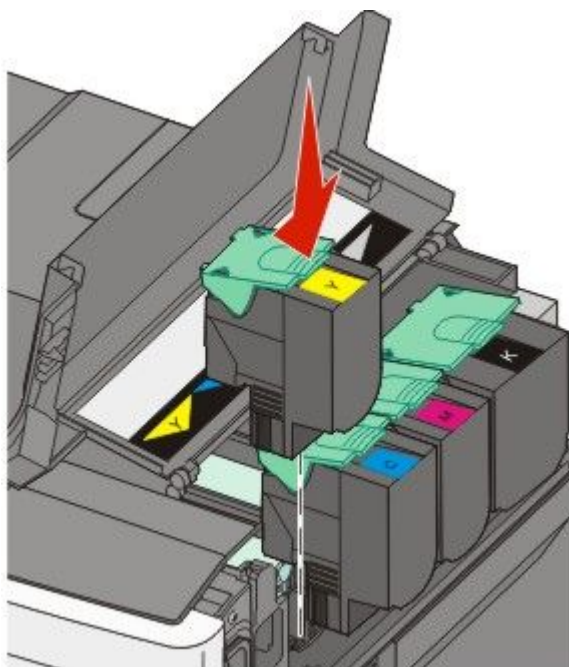
- 1** Make sure the printer is on and **Ready** or **88 Replace <color> Cartridge** appears.
- 2** Unpack the new cartridge, and set it near the printer.
- 3** Open the top door.



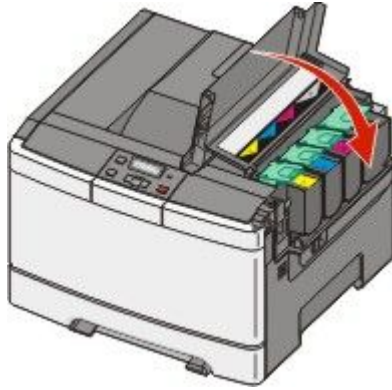
4 Remove the toner cartridge by lifting the handle, and then gently pulling away from the imaging kit.



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



6 Close the top door.




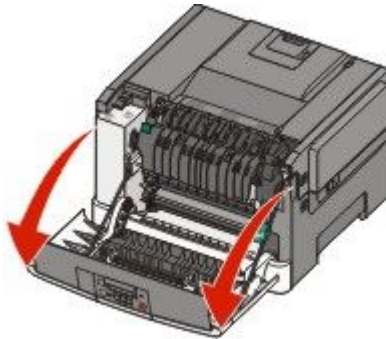
## Replacing a developer unit

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

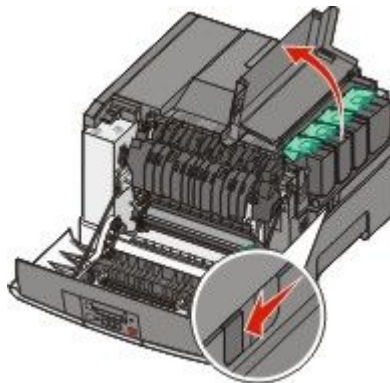
**Note:** When a developer unit is replaced, you must manually calibrate the color. For more information, see [color-misregistration-topic](#).

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

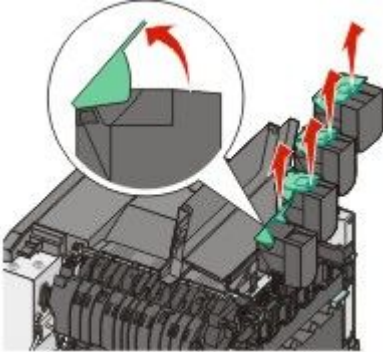
 **CAUTION—HOT SURFACE:** The inside of the printer might be hot. To reduce the risk of injury from a hot component, allow the surface to cool before touching.



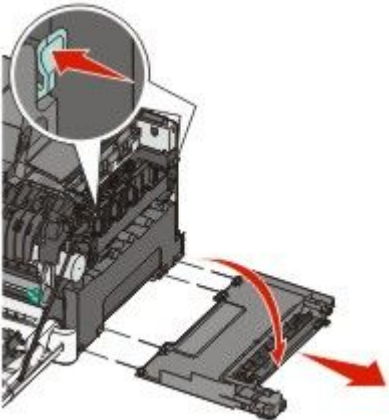
2 Open the top door.



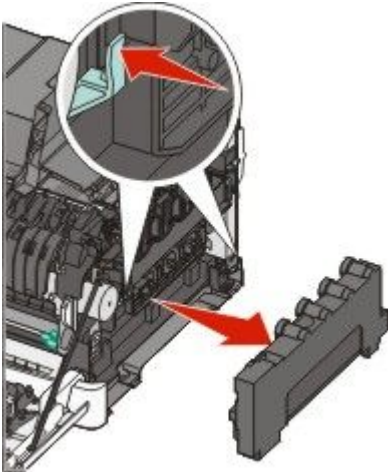
3 Remove the toner cartridges by lifting the handles and then gently pulling away from the imaging kit.



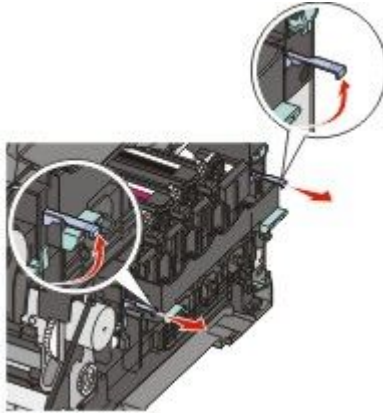
4 Remove the right side cover.



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

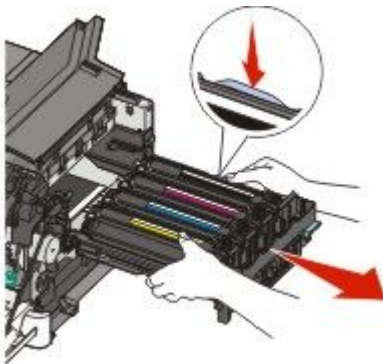


6 Lift the blue levers on the imaging kit, and then pull it toward you.



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. For more information, see [recycling-lexmark-products-topic](#).

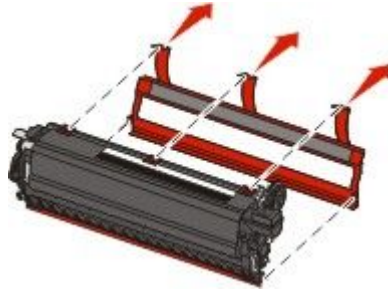
10 Unpack the replacement developer unit.

Leave the packaging on the developer unit.

11 Gently shake the developer unit side to side.



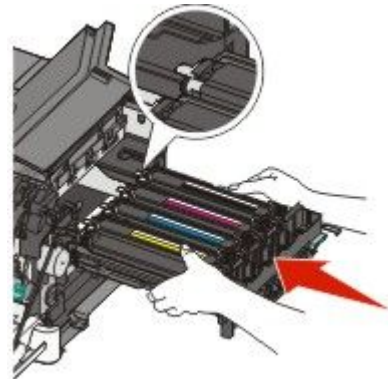
**12** Remove the red shipping cover from the developer unit.

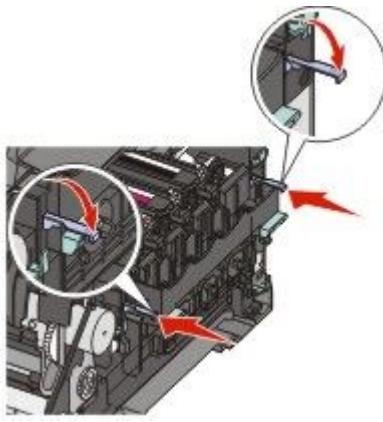


**13** Insert the developer unit.

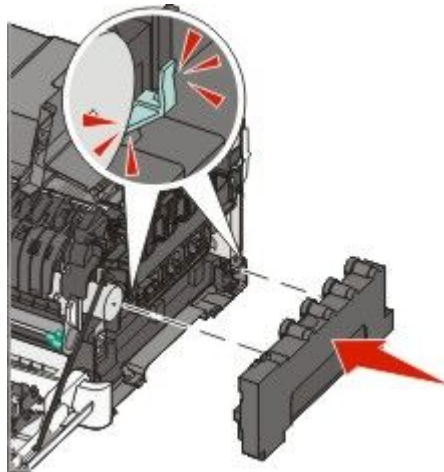


**14** Align and insert the imaging kit.

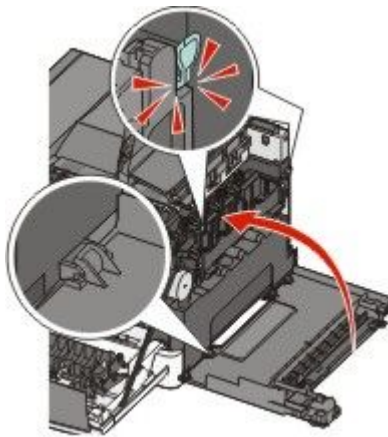




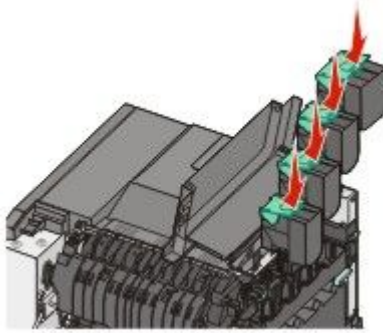
**15** Replace the waste toner bottle.



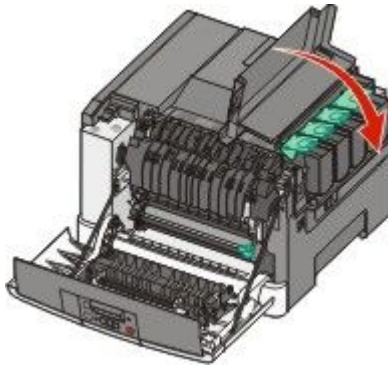
**16** Replace the right side cover.



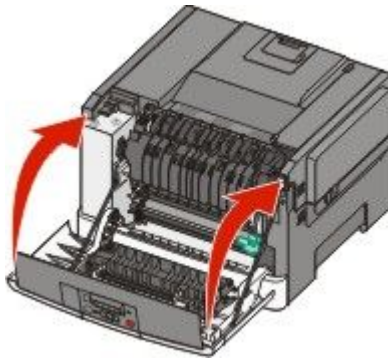
17 Replace the toner cartridges.



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.

## 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.