



## Note

- Discard used consumable items according to local regulations. If you choose not to return your used consumable, please discard the used consumable according to local regulations, keeping it separate from domestic waste. If you have questions, call your local waste disposal office.
- We recommend placing used consumable items on a piece of paper to prevent accidentally spilling or scattering the material inside.
- If you use paper that is not a direct equivalent for the recommended paper, the life of consumable items and machine parts may be reduced.
- The projected life of the toner cartridges is based on ISO/IEC 19798. Frequency of replacement will vary depending on the complexity of printed pages, percentage of coverage and type of media used.

## Replacing a Toner cartridge

The Standard toner cartridges can print approximately 2,200 pages (black) or approximately 1,400 pages (yellow, magenta, cyan)<sup>1</sup>. Actual page count will vary depending on your average type of document. The machine is supplied with a Starter cartridge that will need to be replaced after approximately 1,000 pages<sup>1</sup>. When a toner cartridge is running low, the LCD shows **Toner Low**.

<sup>1</sup> Approx. cartridge yield is declared in accordance with ISO/IEC 19798.



## Note

- It is a good idea to keep a new toner cartridge ready for use when you see the **Toner Low** warning.
- To ensure high quality printing, we recommend that use only Genuine Brother Brand toner cartridges. When you want to buy toner cartridges, please call your Brother dealer.
- We recommend that you clean the machine when you replace the toner cartridge. See *Routine maintenance* on page 66.
- If you change the print density setting for lighter or darker printing, the amount of toner used will change.
- Wait to unpack the toner cartridge until immediately before you put it into the machine.

## Toner Low message

Toner Low  
Prepare...

If the LCD shows **Toner Low Prepare New X Toner Cartridge.**, the machine has nearly run out of toner. Buy a new toner cartridge and have it ready before you get a **Replace Toner** message. The LCD shows the toner colour that is near the end of its life (Black, Yellow, Magenta or Cyan).

## Replace Toner message

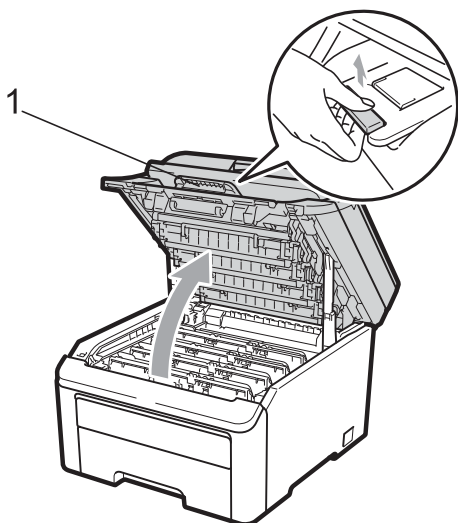
When the following message appears on the LCD, you need to replace the toner cartridge:

Replace Toner

The scrolling message on the LCD indicates which colour you need to replace.

- 1 Turn off the machine. Unplug the power cord from the electrical socket.

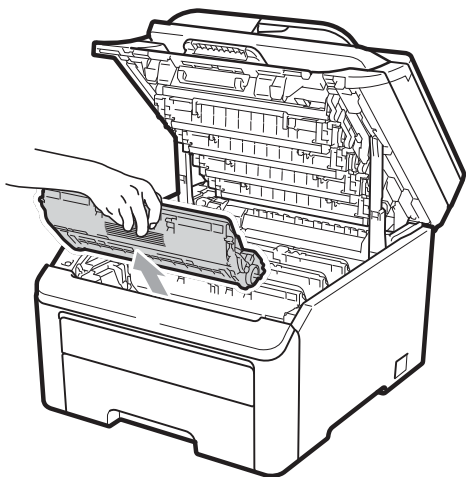
- 2 Fully open the top cover by lifting up on the handle (1).



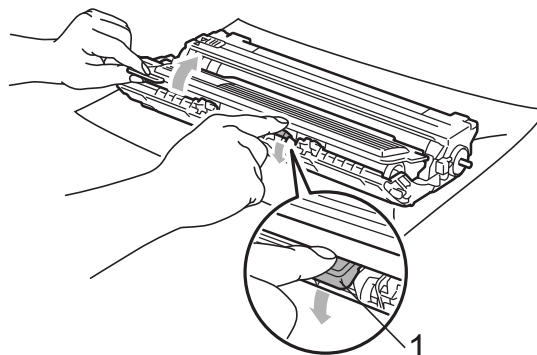
### ! IMPORTANT

When the scanner is open, you cannot open the top cover.

- 3 Take out the drum unit and toner cartridge assembly for the colour shown on the LCD.



- 4 Push down the green-labelled lock lever (1) and take the toner cartridge out of the drum unit.



### ! WARNING

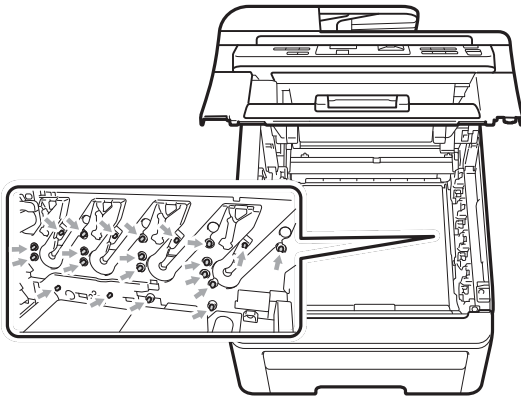
DO NOT put a toner cartridge into a fire. It could explode, resulting in injuries.

DO NOT use cleaning materials that contain ammonia, alcohol, any type of spray or any type of flammable substance to clean the inside or outside of the machine. Doing this may cause a fire or electrical shock. See *Routine maintenance* on page 66 for how to clean the machine.

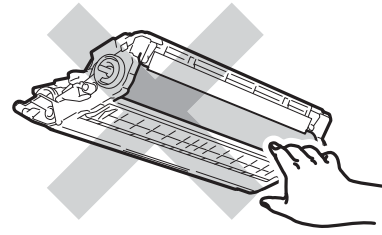
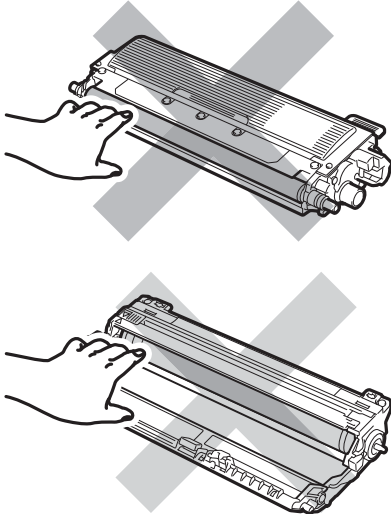
Be careful not to inhale toner.

## ! IMPORTANT

- We recommend that you place the drum unit and toner cartridge assembly on a clean, flat, level, stable surface with a sheet of disposable paper or cloth underneath it in case you accidentally spill or scatter toner.
- To prevent damage to the machine from static electricity, **DO NOT** touch the electrodes shown in the illustration.



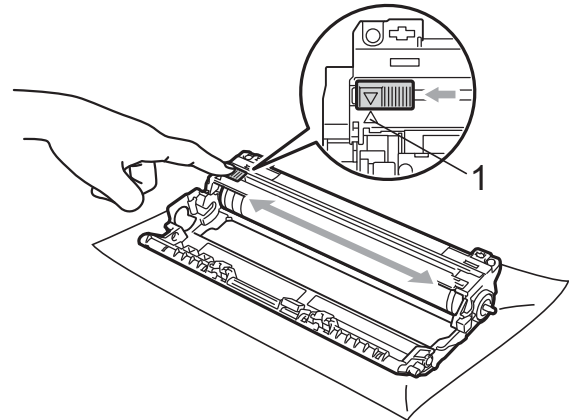
- Handle the toner cartridge carefully. If toner scatters on your hands or clothes, wipe or wash it off with cold water at once.
- To avoid print quality problems, **DO NOT** touch the shaded parts shown in the illustrations.



## Note

- Be sure to seal up the toner cartridge tightly in a suitable bag so that toner powder does not spill out of the cartridge.
- Discard used consumable items according to local regulations. If you choose not to return your used consumable, please discard the used consumable according to local regulations, keeping it separate from domestic waste. If you have questions, call your local waste disposal office.

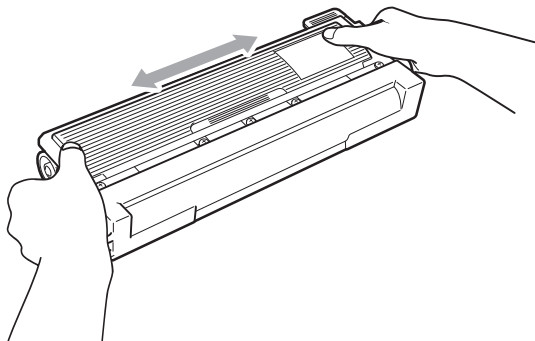
- 5 Clean the primary corona wire inside the drum unit by gently sliding the green tab from left to right and right to left several times.



## Note

Be sure to return the tab to the home position (▲) (1). If you do not, printed pages may have a vertical stripe.

- 6 Unpack the new toner cartridge. Gently shake it from side to side several times to distribute the toner evenly inside the cartridge.



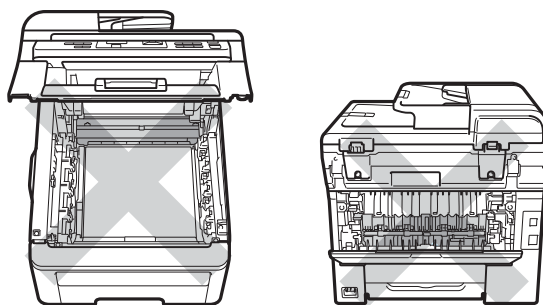
### ! IMPORTANT

- Unpack the toner cartridge just before you put it in the machine. If a toner cartridge is left unpacked for a long time, the toner life will be shortened.
- If an unpacked drum unit is put in direct sunlight or room light, the unit may be damaged.

### ! CAUTION

#### ! HOT SURFACE

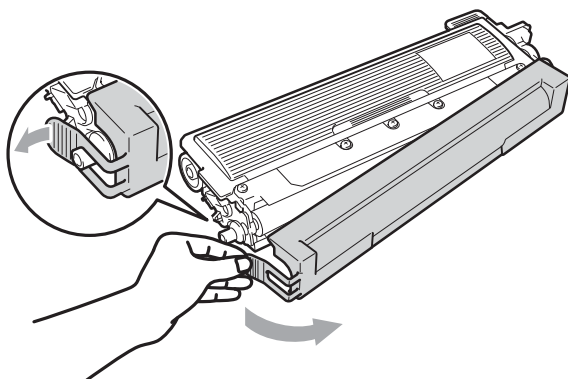
Put the toner cartridge in the drum unit immediately after you have removed the protective cover. To prevent any degradation to the print quality, DO NOT touch the shaded parts shown in the illustrations.



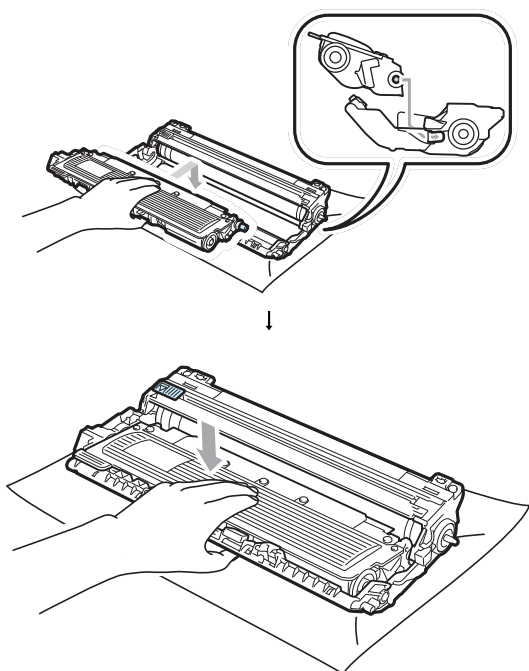
### ! IMPORTANT

Brother machines are designed to work with toner of a particular specification and will work to a level of optimum performance when used with genuine Brother toner cartridges (TN-230BK/TN-230C/TN-230M/TN-230Y). Brother cannot guarantee this optimum performance if toner or toner cartridges of other specifications are used. Brother does not therefore recommend the use of cartridges other than genuine Brother cartridges with this machine, or the refilling of empty cartridges with toner from other sources. If damage is caused to the drum unit or other part of this machine as a result of the use of toner or toner cartridges other than genuine Brother products due to the incompatibility or lack of suitability of those products with this machine, any repairs required as a result may not be covered by the warranty.

- 7 Pull off the protective cover.



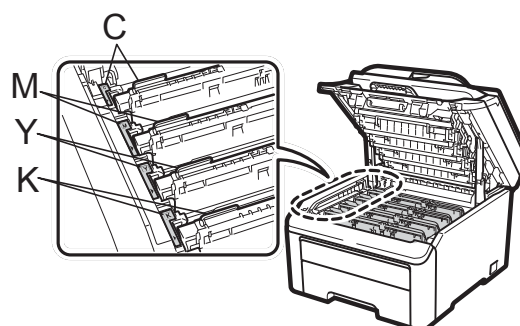
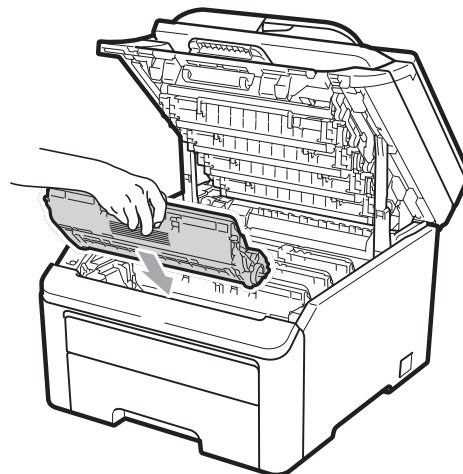
- 8 Put the new toner cartridge firmly into the drum unit until you hear it lock into place.



### Note

Make sure that you put in the toner cartridge correctly or it may separate from the drum unit.

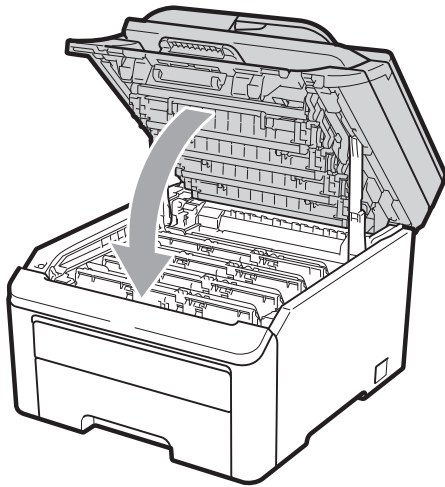
- 9 Slide the drum unit and toner cartridge assembly into the machine. Make sure that you match the toner cartridge colour to the same colour label on the machine.



C-Cyan M-Magenta Y-Yellow K-Black

C

- 10 Close the top cover of the machine.



- 11 Plug the machine's power cord back into the electrical socket first, and reconnect all cables. Turn on the machine.



#### Note

DO NOT turn off the machine or open the top cover until the LCD returns to the Ready mode.

### ! IMPORTANT

While removing the drum unit, handle it carefully because it may contain toner. If toner scatters on your hands or clothes, wipe or wash it off with cold water at once.

## Drum units

A new drum set (model no. DR-230CL) can print approximately 15,000 A4 or Letter size single-sided pages. The DR-230CL drum set contains 4 drum units -

1 Black (DR-230CL-BK) and 3 Colour (DR-230CL-CMY). As the drums rotate in unison during the various stages of operation (even if you are only printing in one colour) and because damage to a single drum unit is not likely, you will need to replace all of the drums at once. We have no control over the many factors that determine the actual drum life, therefore we cannot guarantee a minimum number of pages that will be printed by your drum. The printer should be used only in a clean, dust-free environment with adequate ventilation. Drum wear and tear occurs due to use and rotation of the drum and interaction with paper, toner and other materials in the paper path.

When a drum reaches the factory-established rotation limit corresponding to the rated page yield, the product LCD display will advise you to replace the applicable drum(s). The product will continue to function, however, print quality may not be optimal.