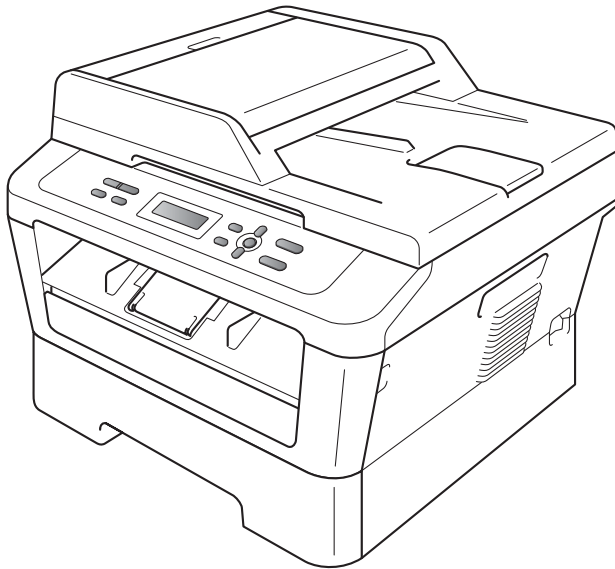


brother®

ADVANCED USER'S GUIDE



DCP-7060D
DCP-7065DN
HL-2280DW

Not all models are available in all countries.

Version 0

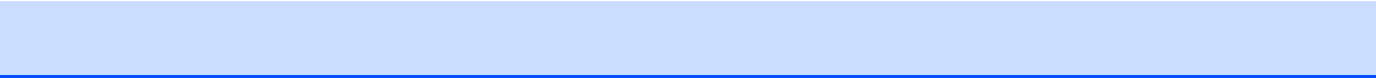
USA/CAN

User's Guides and where do I find it?

Which manual?	What's in it?	Where is it?
Safety and Legal	Read this Guide first. Please read the Safety Instructions before you set up your machine. See this Guide for trademarks and legal limitations.	Printed / In the Box
Quick Setup Guide	Follow the instructions for setting up your machine and installing the drivers and software for the operating system and connection type you are using.	
Basic User's Guide	Learn the basic Copy and Scan operations and how to replace consumables. See troubleshooting tips.	
Advanced User's Guide	Learn more advanced operations: Copy, printing reports, and performing routine maintenance.	PDF file / Documentation CD-ROM / In the Box
Software User's Guide	Follow these instructions for Printing and Scanning (for DCP-7065DN and HL-2280DW). Instructions are included for Network Scanning and using the Brother ControlCenter utility.	
Network Glossary (For DCP-7065DN and HL-2280DW)	This Guide provides basic information about advanced network features of Brother machines along with explanations about general networking and common terms.	
Network User's Guide (For DCP-7065DN and HL-2280DW)	This Guide provides useful information about wired and wireless network settings and security settings using the Brother machine. You can also find supported protocol information for your machine and detailed troubleshooting tips.	

Table of Contents

1	General Setup	1
	Memory Storage	1
	Ecology features	1
	Toner Save	1
	Sleep Mode	1
	Deep Sleep mode	2
	Toner Settings	2
	Toner Setting (Continue Mode)	2
	LCD Contrast	3
	User Settings List	3
	Network Configuration List (DCP-7065DN / HL-2280DW)	4
	WLAN Report (HL-2280DW only)	4
	Scanning using a scanner driver	4
2	Making copies	5
	Copy settings	5
	Stop copying	5
	Using the Options key	6
	Improving copy quality	8
	Sorting copies using the ADF (For DCP-7065DN)	8
	Enlarging or reducing the image copied	8
	Adjusting Contrast and Brightness	9
	Making N in 1 copies (page layout)	10
	2 in 1 ID Copy	11
	Duplex Copying (1-sided to 2-sided)	12
	Duplex Copy (long edge flip)	12
	Advanced Duplex Copy (short edge flip)	13
A	Routine maintenance	14
	Cleaning the machine	14
	Cleaning the outside of the machine	14
	Cleaning the scanner	15
	Cleaning the corona wire	16
	Cleaning the drum unit	17
	Cleaning the paper pick-up rollers	22
	Checking the machine	24
	Checking the Page Counters	24
	Checking the remaining life of the drum unit	24
	Packing and shipping the machine	25
B	Glossary	27
C	Index	28



Memory Storage

Your menu settings are stored permanently, and in the event of a power failure will *not* be lost. Temporary settings (for example, Contrast) *will* be lost.

Ecology features

Toner Save

You can save toner using this feature. When you set Toner Save to **On**, print appears lighter. The default setting is **Off**.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose 1.General Setup and press **OK**.
- 3 Press **▲** or **▼** to choose 2.Ecology and press **OK**.
- 4 Press **▲** or **▼** to choose 1.Toner Save and press **OK**.

```
Ecology
1.Toner Save
```

- 5 Press **▲** or **▼** to choose **On** or **Off** and press **OK**.
- 6 Press **Stop/Exit**.



Note

We do not recommend Toner Save for printing Photo or Gray Scale images.

Sleep Mode

The Sleep Mode Setting can reduce power consumption. When the machine is in Sleep Mode (Power Save mode) it acts as if it is turned off. Receiving data or starting an operation wakes up the machine from Sleep mode to Ready mode.

You can choose how long the machine must be idle before it goes into sleep mode. When the machine receives computer data or makes a copy, the timer will be reset. The default setting is 3 minutes.

While the machine is in sleep mode the LCD will show *Sleep*.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose 1.*General Setup* and press **OK**.
- 3 Press **▲** or **▼** to choose 2.*Ecology* and press **OK**.
- 4 Press **▲** or **▼** to choose 2.*Sleep Time* and press **OK**.

```
Ecology
2.Sleep Time
```

- 5 Press **▲** or **▼** to enter the length of time the machine is idle before entering sleep mode.
Press **OK**.
- 6 Press **Stop/Exit**.

Deep Sleep mode

If the machine is in Sleep mode and does not receive any jobs for a certain length of time, the machine will automatically enter Deep Sleep mode, and the LCD will show *Deep Sleep*. Deep Sleep mode uses less power than Sleep mode. The machine will wake up and start warming up when the machine receives computer data or when you press a key on the control panel.

(For HL-2280DW)

If a wireless network is enabled, the machine does not enter Deep Sleep mode. To disable the wireless network, see *Chapter 3* in the *Network User's Guide*.

Toner Settings

Toner Setting (Continue Mode)

You can set the machine to continue printing after the LCD shows *Replace Toner*. The machine will continue printing until the LCD shows *Toner Ended*. The default setting is *Stop*.

- 1 Press **Menu**.
 - 2 Press **▲** or **▼** to choose 1.*General Setup* and press **OK**.
 - 3 Press **▲** or **▼** to choose 4.*Replace Toner* and press **OK**.
- ```
General Setup
4.Replace Toner
```
- 4 Press **▲** or **▼** to choose *Continue* or *Stop*.  
Press **OK**.
  - 5 Press **Stop/Exit**.




#### Note

- If you continue printing in the Continue mode, we cannot guarantee the print quality.
- While using Continue mode the print may appear faint.

## LCD Contrast

You can change the contrast to make the LCD look lighter or darker.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose 1.General Setup and press **OK**.
- 3 Press **▲** or **▼** to choose 3.LCD Contrast and press **OK**.  

- 4 Press **▲** to make the LCD darker. Or, press **▼** to make the LCD lighter. Press **OK**.
- 5 Press **Stop/Exit**.

## User Settings List

You can print a list of the settings you programmed.

- 1 Press **Menu**.
- 2 (For DCP-7060D)  
Press **▲** or **▼** to choose 3.Machine Info. and press **OK**.  
  
(For DCP-7065DN)  
Press **▲** or **▼** to choose 4.Machine Info. and press **OK**.  
  
(For HL-2280DW)  
Press **▲** or **▼** to choose 5.Machine Info. and press **OK**.
- 3 Press **▲** or **▼** to choose 3.User Settings. Press **OK**.
- 4 Press **Start**.
- 5 Press **Stop/Exit**.

## Network Configuration List (For DCP-7065DN / HL-2280DW)

The Network Configuration List prints a listing of all the current network configuration, including the network print server settings.



### Note

Node name: Node name appears in the Network Configuration List. The default node name is "BRNXXXXXXXXXXXX".

- 1 Press **Menu**.
- 2 (For DCP-7065DN)  
Press **▲** or **▼** to choose 4.Machine Info..  
Press **OK**.  
  
(For HL-2280DW)  
Press **▲** or **▼** to choose 5.Machine Info..  
Press **OK**.
- 3 Press **▲** or **▼** to choose 4.Network Config.  
Press **OK**.
- 4 Press **Start**.
- 5 Press **Stop/Exit**.

## WLAN Report (HL-2280DW only)

Prints the result of wireless LAN connectivity diagnosis.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose 5.Machine Info..  
Press **OK**.
- 3 Press **▲** or **▼** to choose 5.WLAN Report.  
Press **OK**.
- 4 Press **Start**.
- 5 Press **Stop/Exit**.

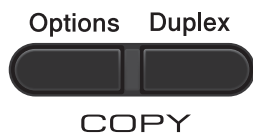
## Scanning using a scanner driver

For information about using a scanner driver, see *Scanning a document using the TWAIN driver* or *Scanning a document using the WIA driver* in the *Software User's Guide*.



## Copy settings

When you want to quickly change the copy settings temporarily for the next copy, use the temporary **COPY** keys. You can use different combinations.



The machine returns to its default settings one minute after copying.


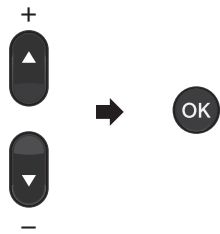
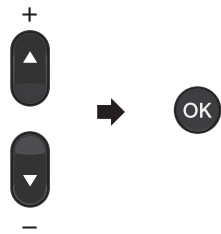
## Stop copying


---

To stop copying, press **Stop/Exit**.

## Using the Options key

Make sure you are in Copy mode. Use the **Options** key to quickly set the following copy settings temporarily for the next copy.

| Press                                                                                            | Menu selections                                                                                                             | Options                                                                                                                     | Page     |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------|
| <p>Options</p>  | <p>Press ▲ or ▼, then press <b>OK</b></p>  | <p>Press ▲ or ▼, then press <b>OK</b></p>  |          |
|                                                                                                  | <p>Quality</p>                                                                                                              | <p><b>Auto*</b><br/>Text<br/>Photo<br/>Graph</p>                                                                            | <p>8</p> |
|                                                                                                  | <p>Stack/Sort<br/>(For DCP-7065DN: Appears when the document is in the ADF)</p>                                             | <p><b>Stack*</b><br/>Sort</p>                                                                                               | <p>8</p> |
|                                                                                                  | <p>Brightness</p>                                                                                                           | <p>-■□□□+<br/>-□■□□+<br/>-□□■□+*<br/>-□□□■+<br/>-□□□■+</p>                                                                  | <p>9</p> |
|                                                                                                  | <p>Contrast</p>                                                                                                             | <p>-■□□□+<br/>-□■□□+<br/>-□□■□+*<br/>-□□□■+<br/>-□□□■+</p>                                                                  | <p>9</p> |

| Press                                                                                                                                                              | Menu selections                                   | Options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Page                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| <p data-bbox="225 311 296 334">Options</p>                                        | <p data-bbox="362 285 565 309">Enlarge/Reduce</p> | <p data-bbox="729 285 795 309"><b>100%*</b></p> <p data-bbox="729 330 869 353">97% LTR→A4</p> <p data-bbox="729 374 869 397">94% A4→LTR</p> <p data-bbox="729 419 913 442">91% Full Page</p> <p data-bbox="729 463 883 486">85% LTR→EXE</p> <p data-bbox="729 508 869 531">83% LGL→A4</p> <p data-bbox="729 552 883 575">78% LGL→LTR</p> <p data-bbox="729 596 856 620">70% A4→A5</p> <p data-bbox="729 641 773 664">50%</p> <p data-bbox="729 685 938 709">Custom (25-400%)</p> <p data-bbox="729 730 801 753">Auto <sup>1</sup></p> <p data-bbox="729 774 787 797">200%</p> <p data-bbox="729 819 869 842">141% A5→A4</p> <p data-bbox="729 863 897 886">104% EXE→LTR</p> | <p data-bbox="1122 285 1138 309">8</p>  |
|                                                                                                                                                                    | <p data-bbox="362 888 524 911">Page Layout</p>    | <p data-bbox="729 888 897 911"><b>Off (1 in 1)*</b></p> <p data-bbox="729 933 883 956">2 in 1 (P) <sup>2</sup></p> <p data-bbox="729 977 883 1000">2 in 1 (L) <sup>2</sup></p> <p data-bbox="729 1022 883 1045">2 in 1 (ID)</p> <p data-bbox="729 1066 883 1089">4 in 1 (P) <sup>2</sup></p> <p data-bbox="729 1110 883 1134">4 in 1 (L) <sup>2</sup></p>                                                                                                                                                                                                                                                                                                                   | <p data-bbox="1122 888 1149 911">10</p> |
| <p data-bbox="148 1164 381 1188"><sup>1</sup> When using the ADF</p> <p data-bbox="148 1209 614 1232"><sup>2</sup> (P) means Portrait and (L) means Landscape.</p> |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                         |
| <p data-bbox="148 1246 729 1269">The factory settings are shown in Bold with an asterisk.</p>                                                                      |                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                         |

## Improving copy quality

You can choose from a range of quality settings. The default setting is *Auto*.

### ■ Auto

Auto is the recommended mode for ordinary printouts. Suitable for documents that contain both text and photographs.

### ■ Text

Suitable for documents containing only text.

### ■ Photo

Suitable for copying photographs.

### ■ Graph

Suitable for copying receipts.

To *temporarily* change the quality setting, follow the steps below:

- 1 Load your document.
- 2 Press ▲ or ▼ to enter the number of copies you want.
- 3 Press **Options**.  
Press ▲ or ▼ to choose *Quality*.  
Press **OK**.
- 4 Press ▲ or ▼ to choose *Auto*, *Text*, *Photo* or *Graph*.  
Press **OK**.
- 5 Press **Start**.

To change the *default* setting, follow the steps below:

- 1 Press **Menu**.
- 2 Press ▲ or ▼ to choose *2.Copy*.  
Press **OK**.
- 3 Press ▲ or ▼ to choose *1.Quality*.  
Press **OK**.
- 4 Press ▲ or ▼ to choose the copy quality.  
Press **OK**.
- 5 Press **Stop/Exit**.

## Sorting copies using the ADF (For DCP-7065DN)

You can sort multiple copies. Pages will be stacked in the order 1 2 3, 1 2 3, 1 2 3, and so on.

- 1 Load your document in the ADF.
- 2 Press ▲ or ▼ to enter the number of copies you want.
- 3 Press **Options**.  
Press ▲ or ▼ to choose *Stack/Sort*.  
Press **OK**.
- 4 Press ▲ or ▼ to choose *Sort*.  
Press **OK**.
- 5 Press **Start**.

## Enlarging or reducing the image copied

You can choose the enlargement or reduction ratios.

To enlarge or reduce the next copy follow the instructions below:

- 1 Load your document.
- 2 Press ▲ or ▼ to enter the number of copies you want.
- 3 Press **Options**.
- 4 Press ▲ or ▼ to choose *Enlarge/Reduce*, then press **OK**.
- 5 Do one of the following:
  - Press ▲ or ▼ to choose the enlargement or reduction ratio you want.  
Press **OK**.
  - Press ▲ or ▼ to choose *Custom (25–400%)*.  
Press **OK**.

Press **▲** or **▼** to enter an enlargement or reduction ratio from 25% to 400%.

Press **OK**.

(For DCP-7065DN) *Auto* sets the machine to calculate the reduction ratio that best fits the size of paper. *Auto* is only available when using the ADF.

*Custom* (25-400%) allows you to enter a ratio from 25% to 400%.

- 6 Press **Start**.



### Note

Page Layout Options 2 in 1 (P), 2 in 1 (L), 2 in 1 (id), 4 in 1 (P) and 4 in 1 (L) are *not* available with *Enlarge/Reduce*.

## Adjusting Contrast and Brightness

### Contrast

Adjust the contrast to help an image look sharper and more vivid.

To *temporarily* change the contrast setting, follow the steps below:

- 1 Load your document.
- 2 Press **▲** or **▼** to enter the number of copies you want.
- 3 Press **Options**.  
Press **▲** or **▼** to choose *Contrast*.  
Press **OK**.
- 4 Press **▲** or **▼** to increase or decrease the contrast.  
Press **OK**.
- 5 Press **Start**.

To change the *default* setting follow the steps below:

- 1 Press **Menu**.

- 2 Press **▲** or **▼** to choose 2.*Copy*.  
Press **OK**.
- 3 Press **▲** or **▼** to choose 3.*Contrast*.  
Press **OK**.
- 4 Press **▲** or **▼** to increase or decrease the contrast.  
Press **OK**.
- 5 Press **Stop/Exit**.

### Brightness

Adjust the copy brightness to make copies darker or lighter.

To *temporarily* change the copy brightness setting, follow the steps below:

- 1 Load your document.
- 2 Press **▲** or **▼** to enter the number of copies you want.
- 3 Press **Options**.  
Press **▲** or **▼** to choose *Brightness*.  
Press **OK**.
- 4 Press **▲** to make a lighter copy or press **▼** to make a darker copy.  
Press **OK**.
- 5 Press **Start**.

To change the *default* setting follow the steps below:

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose 2.*Copy*.  
Press **OK**.
- 3 Press **▲** or **▼** to choose 2.*Brightness*.  
Press **OK**.
- 4 Press **▲** to make a lighter copy or press **▼** to make a darker copy.  
Press **OK**.
- 5 Press **Stop/Exit**.

## Making N in 1 copies (page layout)

You can reduce the amount of paper used when copying by using the N in 1 copy feature. This allows you to copy two or four pages onto one page. If you want to copy both sides of an ID card onto one page, see *2 in 1 ID Copy* on page 11.

### ! IMPORTANT

- Please make sure the paper size is set to Letter, A4, Legal or Folio.
- (P) means Portrait and (L) means Landscape.
- You cannot use the Enlarge/Reduce setting with the N in 1 feature.

- 1 Load your document.
- 2 Press ▲ or ▼ to enter the number of copies you want.
- 3 Press **Options**. Press ▲ or ▼ to choose *Page Layout*. Press **OK**.
- 4 Press ▲ or ▼ to choose *2 in 1 (P)*, *2 in 1 (L)*, *2 in 1 (ID)*<sup>1</sup>, *4 in 1 (P)*, *4 in 1 (L)* or *Off(1 in 1)*. Press **OK**.
 

<sup>1</sup> For details about *2 in 1 (ID)*, see *2 in 1 ID Copy* on page 11.
- 5 Press **Start** to scan the page. (For DCP-7065DN) If you placed the document in the ADF, the machine scans the pages and starts printing. **If you are using the scanner glass, go to step 6.**
- 6 After the machine scans the page, press ▲ to scan the next page.

Next Page?  
▲ Yes ▼ No

- 7 Place the next page on the scanner glass. Press **OK**. Repeat steps 6 and 7 for each page of the layout.
- 8 After all the pages have been scanned, press ▼ in step 6 to finish.

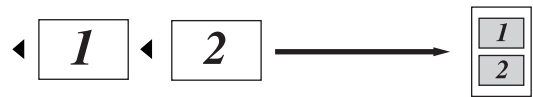
### If you are copying from the ADF (For DCP-7065DN):

Insert your document *face up* in the direction shown below:

#### ■ 2 in 1 (P)



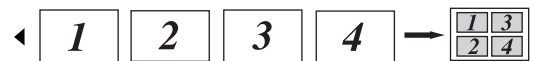
#### ■ 2 in 1 (L)



#### ■ 4 in 1 (P)



#### ■ 4 in 1 (L)



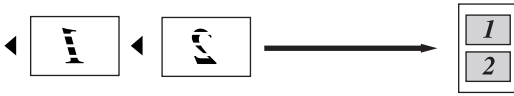
### If you are copying from the scanner glass:

Place your document *face down* in the direction shown below:

#### ■ 2 in 1 (P)



■ **2 in 1 (L)**



■ **4 in 1 (P)**



■ **4 in 1 (L)**



## 2 in 1 ID Copy

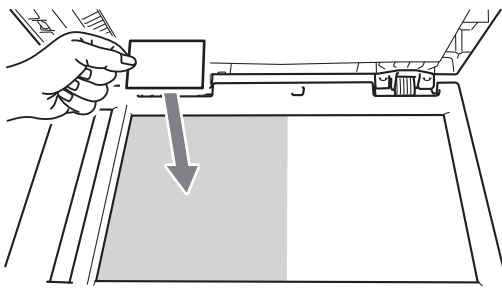
You can copy both sides of your identification card onto one page, keeping the original card size.



**Note**

You can copy an identification card to the extent permitted under applicable laws. See *Legal limitations for copying* in the *Safety and Legal booklet*.

- 1 Place your identification card *face down* on the left side of the scanner glass.



- Even if a document is placed on the ADF, the machine scans the data from the scanner glass.

- 2 Press **Options**. Press **▲** or **▼** to choose *Page Layout*. Press **OK**.

- 3 Press **▲** or **▼** to choose *2 in 1 (ID)*. Press **OK**.

- 4 Press **Start**. After the machine scans the first side of the card, the LCD will show the following instruction.

Turn over the ID  
Then Press Start

- 5 Turn over your identification card and place it at the left side of the scanner glass.

- 6 Press **Start**. The machine scans the other side of the card and prints the page.



**Note**

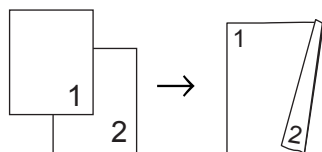
When 2 in 1 ID Copy is chosen, the machine sets the quality to *Photo* and the contrast to +2 (-□□□□■+).

# Duplex Copying (1-sided to 2-sided)

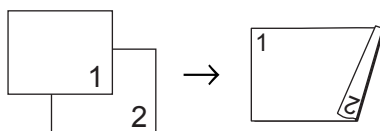
## Duplex Copy (long edge flip)

### ■ 1 sided → 2 sided L

Portrait



Landscape



- 1 Load your document.
- 2 Press ▲ or ▼ to enter the number of copies you want.
- 3 Press **Duplex** and ▲ or ▼ to select 1sided→2sided L.

```
Duplex
1sided→2sided L ▾
```

Press **OK**.

- 4 Press **Start** to copy the page.  
(For DCP-7065DN) If you placed the document in the ADF, the machine scans the pages and starts printing.  
**If you are using the scanner glass, go to step 5.**
- 5 After the machine scans the page, press ▲ to scan the next page.

```
Next Page?
▲ Yes ▼ No
```

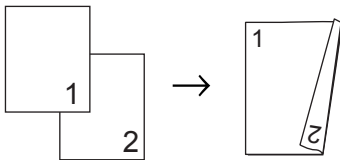
- 6 Place the next page on the scanner glass.  
Press **OK**.  
Repeat steps 5 and 6 for the remaining pages.
- 7 After all the pages have been scanned, press ▼ in step 5 to finish.



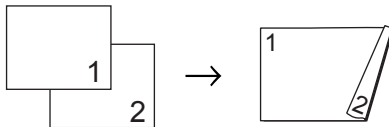
## Advanced Duplex Copy (short edge flip)

### ■ 1 sided → 2 sided S

Portrait



Landscape



- 1 Load your document.
- 2 Press ▲ or ▼ to enter the number of copies you want.
- 3 Press **Duplex** and ▲ or ▼ to select 1sided→2sided S.

```
Duplex
1sided→2sided S ↓
```

Press **OK**.

- 4 Press **Start** to copy the page.  
(For DCP-7065DN) If you placed the document in the ADF, the machine scans the pages and starts printing.  
**If you are using the scanner glass, go to step 5.**
- 5 After the machine scans the page, press ▲ to scan the next page.

```
Next Page?
▲ Yes ▼ No
```

- 6 Place the next page on the scanner glass.  
Press **OK**.  
Repeat steps 5 and 6 for the remaining pages

- 7 After all the pages have been scanned, press ▼ in step 5 to finish.

# A

## Routine maintenance

### Cleaning the machine

Clean the outside and inside of the machine regularly with a dry, lint-free soft cloth. When you replace the toner cartridge or the drum unit, make sure that you clean the inside of the machine.

#### WARNING

DO NOT use cleaning materials that contain ammonia, alcohol, any type of spray, or any type of flammable substance to clean the outside or inside of the machine. Doing this may cause a fire or electrical shock.

See *To use the product safely* in the *Safety and Legal* booklet for how to clean the machine.



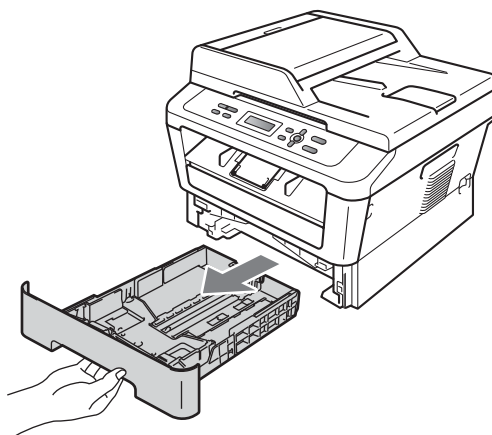
Be careful not to inhale toner.

#### IMPORTANT

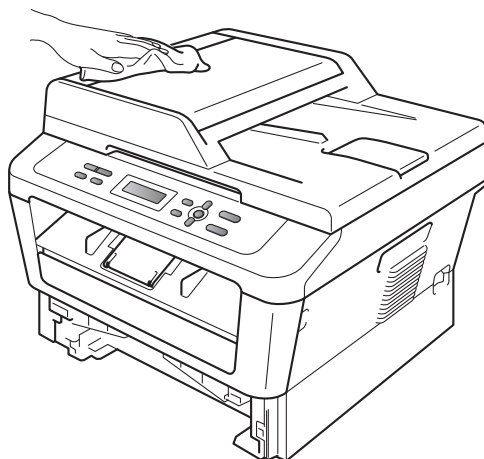
Use neutral detergents. Cleaning with volatile liquids such as thinner or benzine will damage the surface of the machine.

### Cleaning the outside of the machine

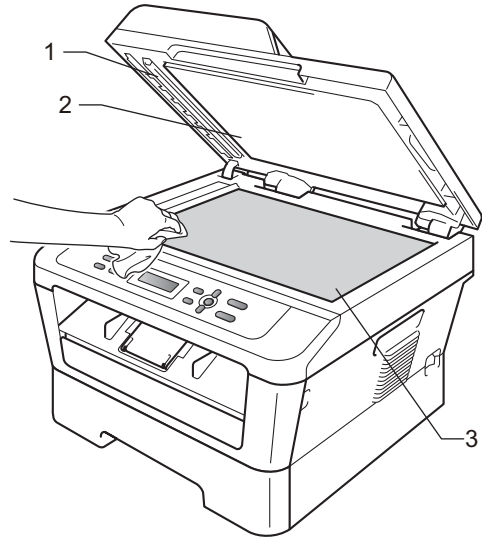
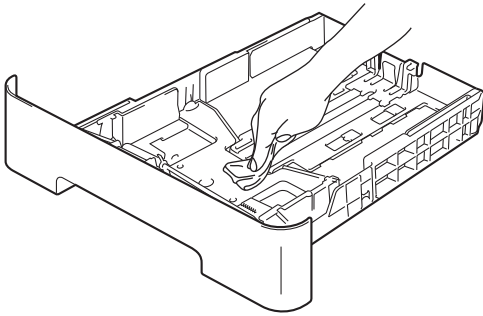
- 1 Turn off the machine's power switch. Unplug the telephone line cord first, disconnect all cables, and then unplug the power cord from the AC power outlet.
- 2 Pull the paper tray completely out of the machine.



- 3 Wipe the outside of the machine with a dry, lint-free soft cloth to remove dust.



- 4 Remove any paper that is in the paper tray.
- 5 Wipe the inside and the outside of the paper tray with a dry, lint-free soft cloth to remove dust.



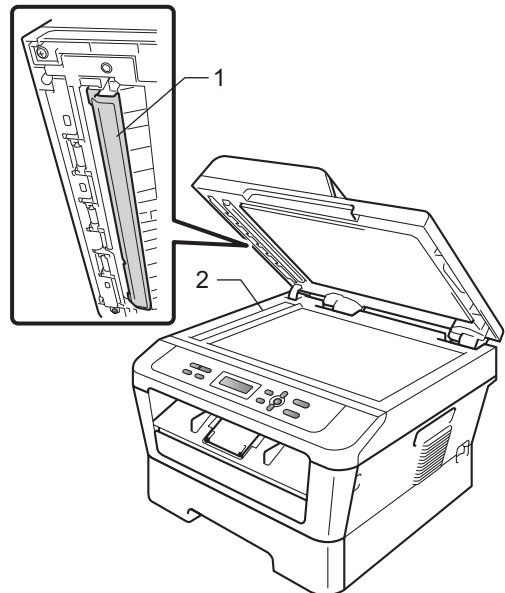
A

- 6 Re-load the paper and put the paper tray firmly back in the machine.
- 7 Plug the machine's power cord back into the AC power outlet first, connect all cables, and then plug in the telephone line cord. Turn on the machine's power switch.

- 3 (For DCP-7065DN) In the ADF unit, clean the white bar (1) and the glass strip (2) underneath it with a soft lint-free cloth moistened with water.

## Cleaning the scanner

- 1 Turn off the machine's power switch. Disconnect all cables, and then unplug the power cord from the AC power outlet.
- 2 Lift the document cover (1). Clean the white plastic surface (2) and scanner glass (3) underneath it with a soft lint-free cloth moistened with water.



## Note

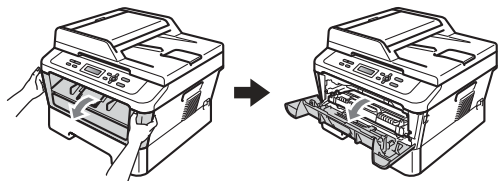
In addition to cleaning the scanner glass and glass strip with a soft lint-free cloth moistened with water, run your finger tip over the glass to see if you can feel anything on it. If you feel dirt or debris, clean the glass again concentrating on that area. You may need to repeat the cleaning process three or four times. To test, make a copy after each cleaning.

- 4 Plug the machine's power cord back into the AC power outlet first, connect all cables, and then plug in the telephone line cord. Turn on the machine's power switch.

## Cleaning the corona wire

If you have print quality problems, clean the corona wire as follows:

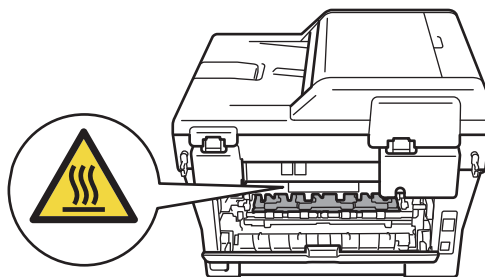
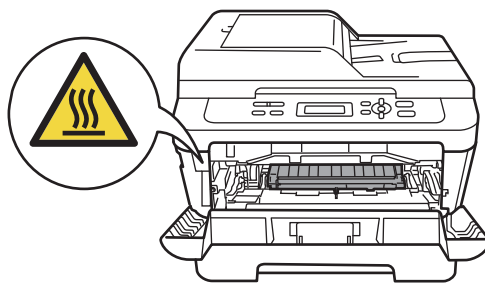
- 1 Open the front cover and leave the machine turned on for 10 minutes to cool down.



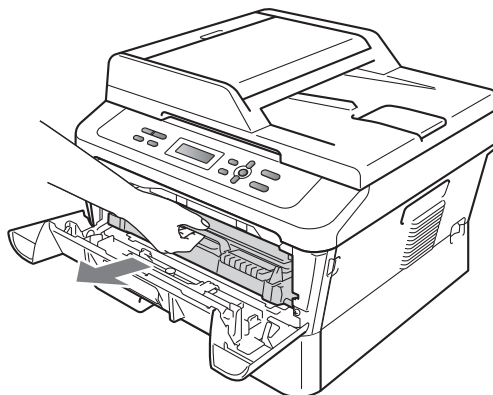
### WARNING

#### HOT SURFACE

After you have just used the machine, some internal parts of the machine will be extremely hot. When you open the front or back cover (back output tray) of the machine, DO NOT touch the shaded parts shown in the illustration. If you do this, you may get burned.



- 2 Slowly take out the drum unit and toner cartridge assembly.

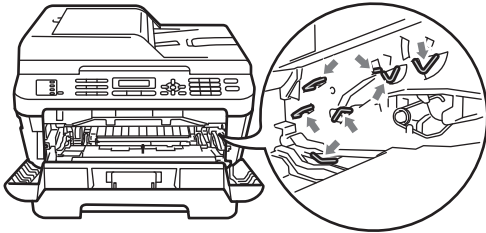


### CAUTION

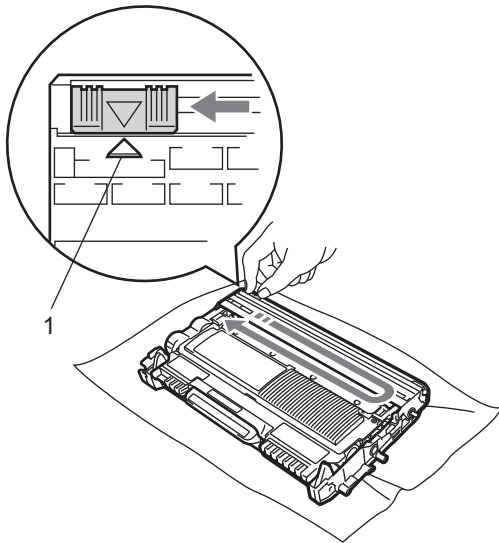
We recommend that you place the drum unit and toner cartridge assembly on a clean, flat surface with a sheet of disposable paper or cloth underneath it in case you accidentally spill or scatter toner.

Handle the toner cartridge carefully. If toner scatters on your hands or clothes, immediately wipe or wash it off with cold water.

To prevent damage to the machine caused by static electricity, DO NOT touch the electrodes shown in the illustration.



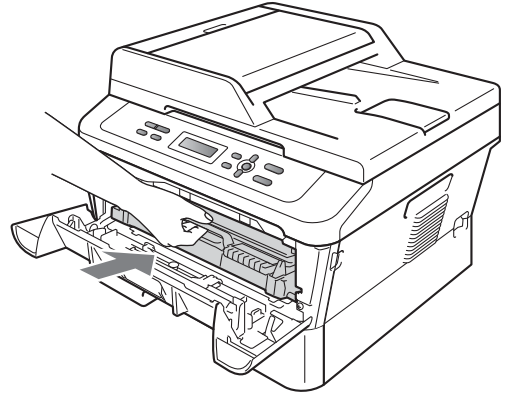
- 3 Clean the corona wire inside the drum unit by gently sliding the green tab from left to right and right to left several times.



 **Note**

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

- 4 Put the drum unit and toner cartridge assembly back into the machine. Close the front cover.

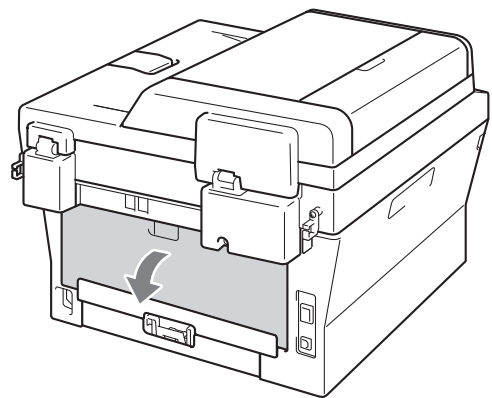


A

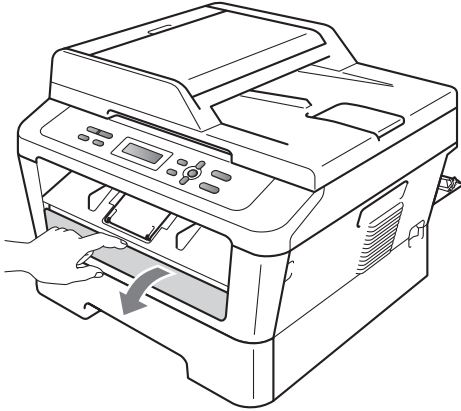
### Cleaning the drum unit

If you have print quality problems, the drum may have foreign material, such as glue from a label stuck on the drum surface. Follow the steps below to solve the problem.

- 1 Prepare blank A4 or Letter size paper.
- 2 Make sure the machine is in Ready mode.
- 3 Open the back cover (face-up output tray).

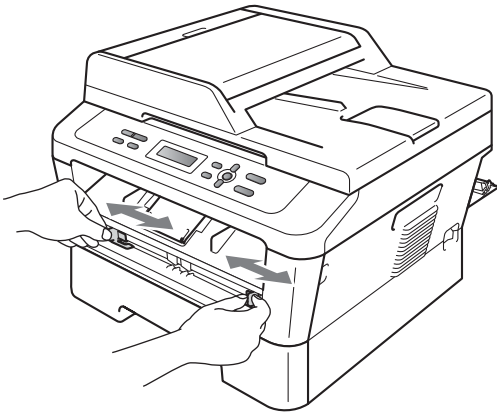


- 4 Open the manual feed slot cover.

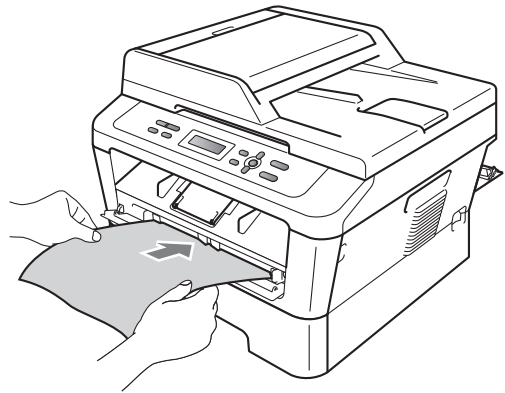


- 5 Press **Clear** and **Menu** at the same time. The **Drum Cleaning** message will appear on the LCD.

- 6 Using both hands, slide the manual feed paper guides to the width of the paper that you are going to use.



- 7 Using both hands, put one piece of A4 or Letter size paper in the manual feed slot until the top edge of the paper touches the paper feed roller. When you feel the machine pull in the paper, let go. The machine will start the Drum Cleaning process.



 **Note**

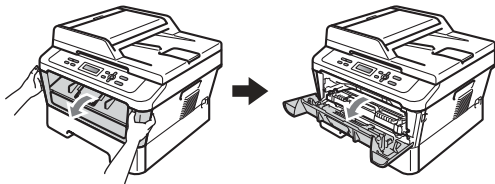
- The machine makes a mechanical noise during the Drum Cleaning process because the machine rotates the OPC drum in reverse. This noise is not due to a malfunction of the machine.
- DO NOT put more than one sheet of paper in the manual feed slot at any one time, as it may cause a jam.
- If the paper in the manual feed slot is other than A4 or Letter size, the machine will stop the Drum Cleaning process and eject the paper.
- Make sure that the paper is straight and in the proper position in the manual feed slot. If it is not, it may not be fed properly, resulting in a paper jam.
- DO NOT close the back cover (face-up output tray) during the Drum Cleaning process. The machine will stop the Drum Cleaning process and eject the paper. It may cause a jam.

- If the machine receives a print job before you put the sheet of paper in the manual feed slot, the machine will finish the Drum Cleaning process first, and then print the print job.

- 8 When the machine has finished cleaning, the machine returns to Ready mode.
- 9 Repeat steps 5 to 8 two more times using a new blank sheet of paper each time. Upon completion please discard the used paper.

**If the problem is not solved yet, follow the steps below.**

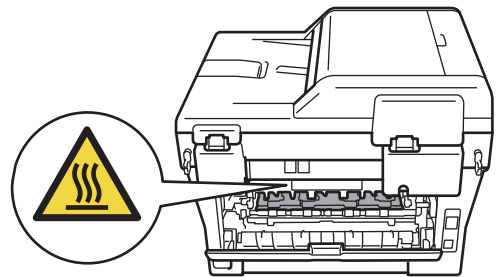
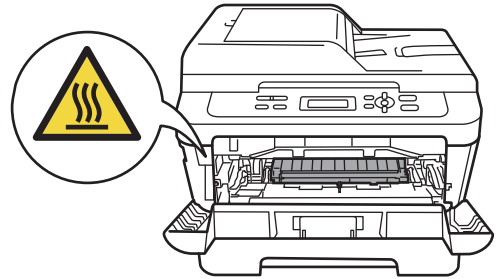
- 1 Open the front cover and leave the machine turned on for 10 minutes to cool down.



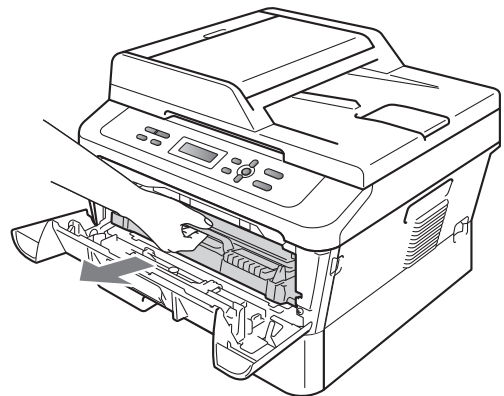
## **⚠ WARNING**

### **🔥 HOT SURFACE**

After you have just used the machine, some internal parts of the machine will be extremely hot. When you open the front or back cover (back output tray) of the machine, **DO NOT** touch the shaded parts shown in the illustration. If you do this, you may get burned.



- 2 Slowly take out the drum unit and toner cartridge assembly.



## **⚠ CAUTION**

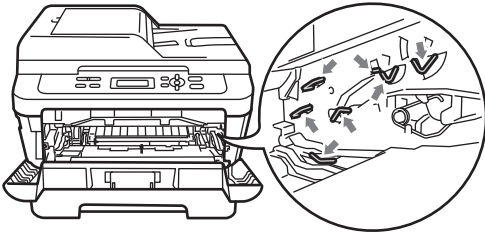
We recommend that you put the drum unit and toner cartridge assembly on a clean, flat surface with a sheet of disposable paper or cloth underneath it in case you accidentally spill or scatter toner.

---

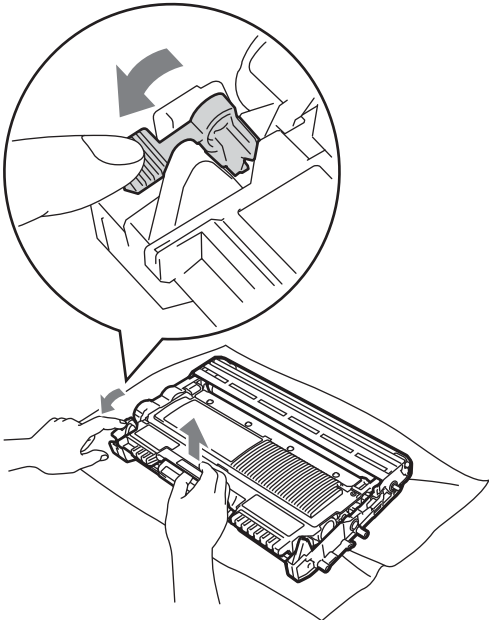
Handle the toner cartridge carefully. If toner scatters on your hands or clothes, immediately wipe or wash it off with cold water.

---

To prevent damage to the machine caused by static electricity, DO NOT touch the electrodes shown in the illustration.

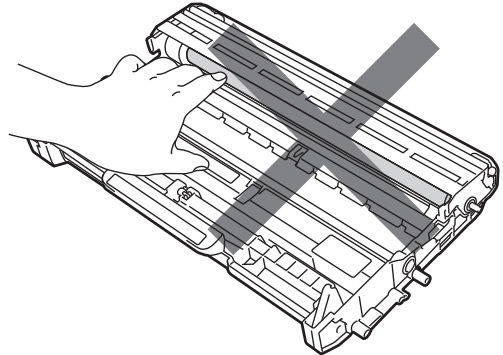
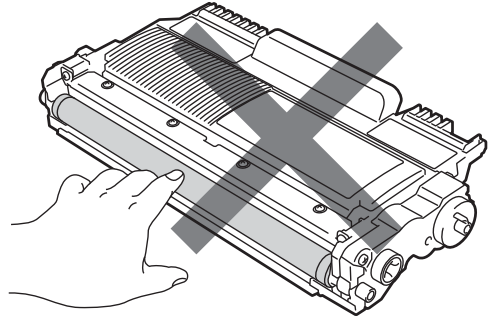


- 3 Push down the green lock lever and take the toner cartridge out of the drum unit.

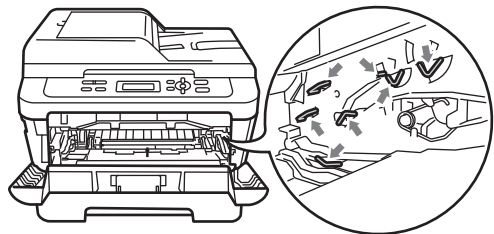


## ! IMPORTANT

- To avoid print quality problems, DO NOT touch the shaded parts shown in the illustrations below.

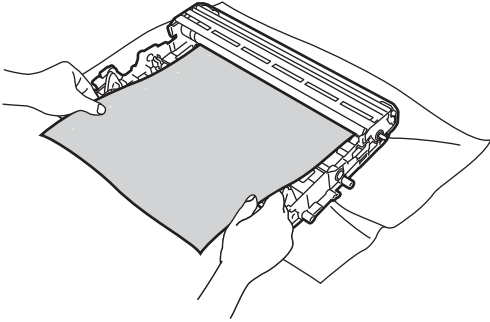


- To prevent damage to the machine from static electricity, DO NOT touch the electrodes shown in the illustration.

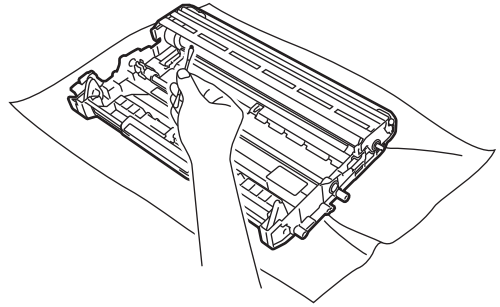




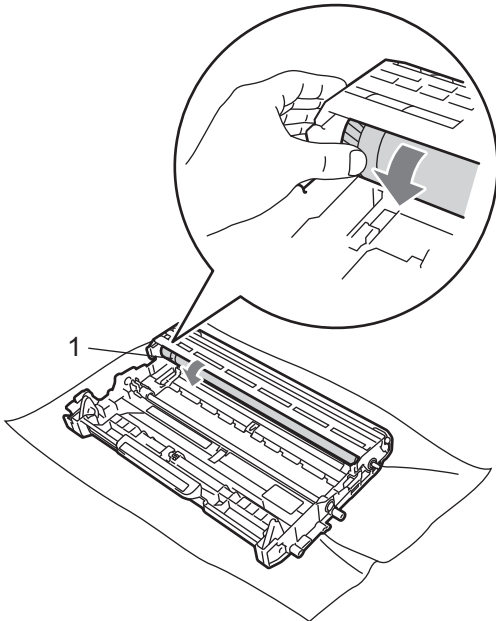
- 4 Put the print sample in front of the drum unit, and find the exact position of the poor print.



- 6 When you have found the mark on the drum that matches the print sample, wipe the surface of the OPC drum with a *dry* cotton swab until the dust or glue on the surface comes off.



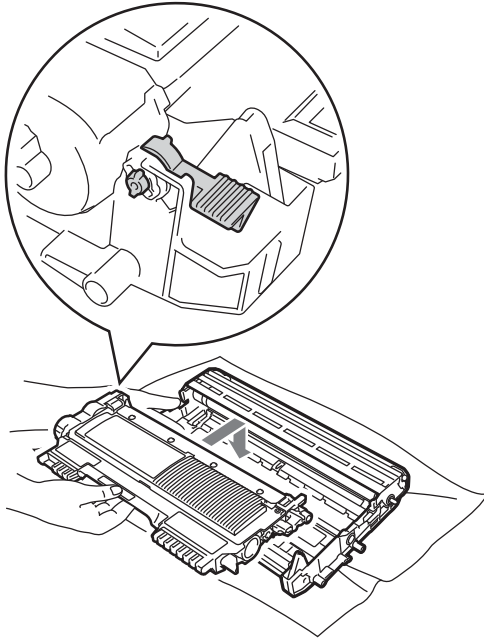
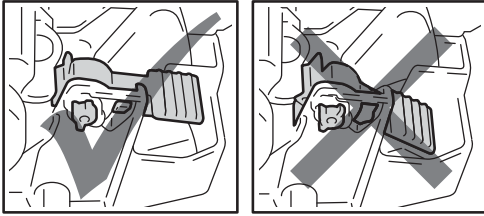
- 5 Turn the drum unit gear by hand while looking at the surface of the OPC drum (1).



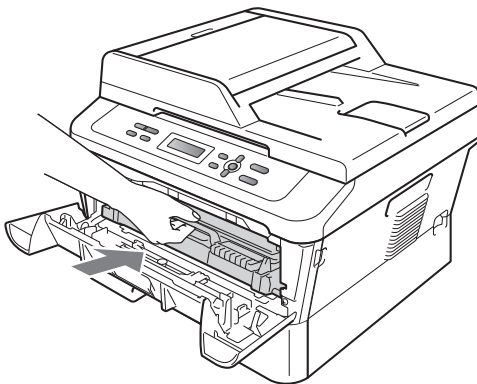
**! IMPORTANT**

DO NOT clean the surface of the photosensitive drum with a sharp object.

- 7** Put the toner cartridge back into the drum unit until you hear it lock into place. If you put the cartridge in properly, the green lock lever will lift automatically.



- 8** Put the drum unit and toner cartridge assembly back in the machine.

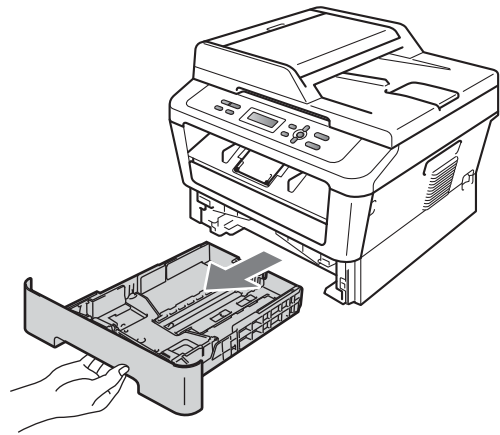


- 9** Close the front cover.

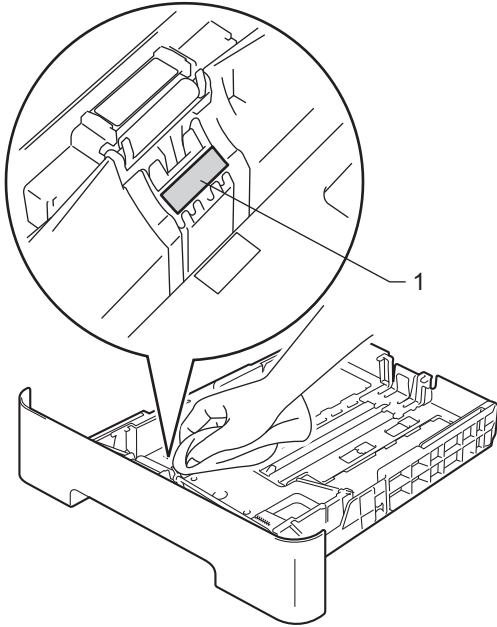
## Cleaning the paper pick-up rollers

If you have paper feed problems, clean the pick-up rollers as follows:

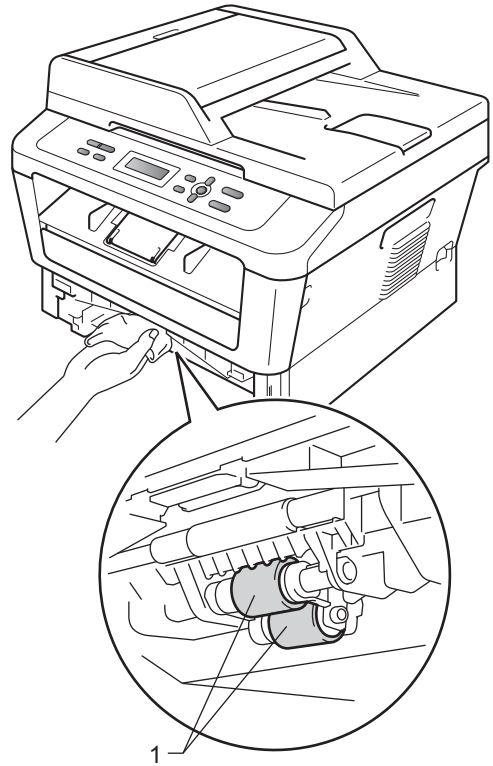
- 1** Turn off the machine's power switch. Unplug the power cord from the AC power outlet.
- 2** Pull the paper tray completely out of the machine.



- 3 Tightly wring out a lint-free cloth soaked in lukewarm water, and then wipe the separator pad (1) of the paper tray with it to remove dust.



- 4 Wipe the two pick-up rollers (1) inside of the machine to remove dust.



- 5 Put the paper tray back in the machine.
- 6 Plug the machine's power cord back into the AC power outlet. Turn on the machine's power switch.

# Checking the machine

## Checking the Page Counters

You can see the machine's Page Counters for copies, printed pages, reports and lists or a summary total.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose one of the following:
  - 3.Machine Info. (DCP-7060D)
  - 4.Machine Info. (DCP-7065DN)
  - 5.Machine Info. (HL-2280DW)

Press **OK**.

- 3 Press **▲** or **▼** to choose 2.Page Counter.  
Press **OK**.

```
Machine Info.
2.Page Counter
```

- 4 Press **▲** or **▼** to see Total, List, Copy or Print.
- 5 Press **Stop/Exit**.

## Checking the remaining life of the drum unit

You can see the machine's parts life on the LCD.

- 1 Press **Menu**.
- 2 Press **▲** or **▼** to choose one of the following:
  - 3.Machine Info. (DCP-7060D)
  - 4.Machine Info. (DCP-7065DN)
  - 5.Machine Info. (HL-2280DW)

Press **OK**.

- 3 Press **▲** or **▼** to choose one of the following:
  - 4.Drum Life (DCP-7060D)
  - 5.Drum Life (DCP-7065DN)
  - 6.Drum Life (HL-2280DW)

Press **OK**.

- 4 Press **Stop/Exit**.



### Note

The life check will be accurate only if you have reset the part counter when you installed a new part. It will not be accurate if that part's life counter was reset during the life of the used part.

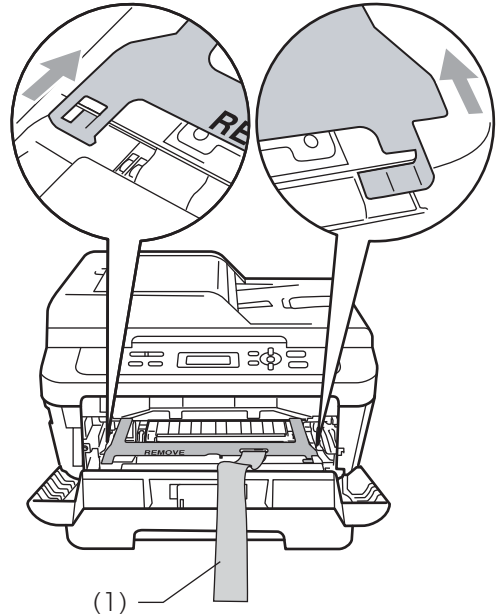
## Packing and shipping the machine

### Note

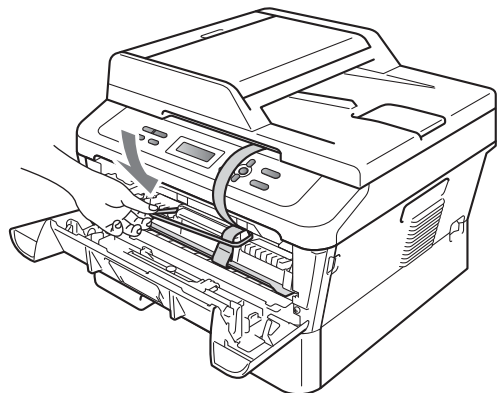
- If for any reason you must ship your machine, carefully repack the machine in the original packaging to avoid any damage during transit. The machine should be adequately insured with the carrier.
- If you are returning your machine to Brother as part of the Exchange Service, pack only the machine. Keep all separate parts, including the drum unit, the toner cartridges, and printed materials to use with your 'Exchange' machine.

- 1 Turn off the machine's power switch. Disconnect all the cables, and then unplug the power cord from the AC power outlet. Leave the machine turned off for at least 10 minutes to cool down.
- 2 Open the front cover.
- 3 Remove the drum unit and toner cartridge assembly. Leave the toner cartridge installed in the drum unit.

- 4 Put the protective material (1) in the machine with the "REMOVE" text to the left, as shown in the illustration.

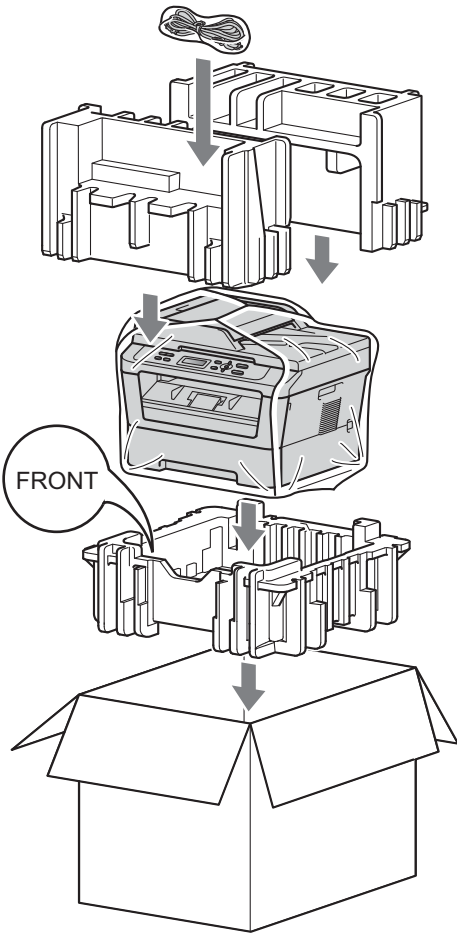


- 5 Put the drum unit and toner cartridge assembly back into the machine.
- 6 Put the elastic band over the handle of the drum unit, as shown in the illustration.



- 7 Close the front cover.
- 8 Put the machine into the bag it originally came in.

- 9 Pack the AC cord and printed materials in the original carton as shown below:



- 10 Close the carton and tape it shut.

This is a comprehensive list of features and terms that appear in Brother manuals. Availability of these features depends on the model you purchased.

**ADF (automatic document feeder  
(For DCP-7065DN))**

The document can be placed in the ADF and scanned one page at a time automatically.

**Cancel Job**

Cancels a programmed print job and clears the machine's memory.

**Contrast**

Setting to compensate for dark or light documents, by making copies of dark documents lighter and light documents darker.

**Gray Scale**

The shades of gray available for copying photographs.

**LCD (liquid crystal display)**

The display screen on the machine that shows interactive messages during On-Screen Programming and shows the date and time when the machine is idle.

**Menu mode**

Programming mode for changing your machine's settings.

**OCR (optical character recognition)**

ScanSoft™ PaperPort™ 12SE with OCR or Presto! PageManager software application converts an image of text to text you can edit.

**Resolution**

The number of vertical and horizontal lines per inch.

**Scanning**

The process of sending an electronic image of a paper document into your computer.

**Temporary settings**

You can choose certain options for each copy without changing the default settings.

**User Settings List**

A printed report that shows the current settings of the machine.

# C

# Index

## C

---

|                             |       |
|-----------------------------|-------|
| Cleaning                    |       |
| corona wire .....           | 16    |
| drum unit .....             | 17    |
| paper pick-up rollers ..... | 22    |
| scanner .....               | 15    |
| Copy                        |       |
| 2 in 1 ID Copy .....        | 11    |
| brightness .....            | 9     |
| contrast .....              | 9     |
| Enlarge/Reduce .....        | 8     |
| keys .....                  | 5     |
| N in 1 (page layout) .....  | 10    |
| Options key .....           | 6     |
| quality .....               | 8     |
| sort (ADF only) .....       | 8     |
| temporary settings .....    | 5     |
| using ADF .....             | 8, 10 |
| using scanner glass .....   | 10    |

## D

---

|                                 |        |
|---------------------------------|--------|
| Deep Sleep mode .....           | 2      |
| Drum unit                       |        |
| checking (remaining life) ..... | 24     |
| cleaning .....                  | 16, 17 |
| Duplex copy .....               | 12     |

## E

---

|                      |   |
|----------------------|---|
| Enlarge/Reduce ..... | 8 |
|----------------------|---|

## L

---

|                              |   |
|------------------------------|---|
| LCD (liquid crystal display) |   |
| contrast .....               | 3 |

## M

---

|                                            |    |
|--------------------------------------------|----|
| Machine information                        |    |
| checking remaining life of parts .....     | 24 |
| page counts .....                          | 24 |
| Maintenance, routine .....                 | 14 |
| checking the remaining life of parts ..... | 24 |
| Memory                                     |    |
| storage .....                              | 1  |

## N

---

|                            |    |
|----------------------------|----|
| N in 1 (page layout) ..... | 10 |
|----------------------------|----|

## P

---

|                            |    |
|----------------------------|----|
| Packing the machine .....  | 25 |
| Page layout (N in 1) ..... | 10 |
| Power failure .....        | 1  |

## Q

---

|               |      |
|---------------|------|
| Quality       |      |
| copying ..... | 6, 8 |

## R

---

|              |   |
|--------------|---|
| Reducing     |   |
| copies ..... | 8 |

## S

---

|                           |   |
|---------------------------|---|
| Safety Instructions ..... | i |
| Sleep mode .....          | 1 |
| Sort .....                | 8 |

## T

---

|                                     |   |
|-------------------------------------|---|
| Temporary copy settings .....       | 5 |
| Toner Save .....                    | 1 |
| Toner Setting (Continue Mode) ..... | 2 |



Brother International Corporation  
100 Somerset Corporate Boulevard  
P.O. Box 6911  
Bridgewater, NJ 08807-0911 USA

Brother International Corporation (Canada) Ltd.  
1 rue Hôtel de Ville,  
Dollard-des-Ormeaux, QC, Canada H9B 3H6

**brother**®

**Visit us on the World Wide Web**  
**<http://www.brother.com/>**

These machines are approved for use in the country of purchase only. Local Brother companies or their dealers will only support machines purchased in their own countries.