

Brother TN223

Brother TN223 Series Genuine Toner Cartridge Set User Manual

Model: TN223 (TN223BK, TN223C, TN223M, TN223Y)

1. INTRODUCTION

This user manual provides essential information for the installation, operation, and maintenance of your Brother Genuine TN223 Series Toner Cartridge Set. This set includes TN223BK (Black), TN223C (Cyan), TN223M (Magenta), and TN223Y (Yellow) standard yield toner cartridges. These cartridges are designed to work seamlessly with compatible Brother printers to deliver consistent, high-quality prints.

Compatible Printer Models:

- Brother HL-L3210CW
- Brother HL-L3230CDW
- Brother HL-L3270CDW
- Brother HL-L3290CDW
- Brother MFC-L3710CW
- Brother MFC-L3750CDW
- Brother MFC-L3770CDW

2. SETUP AND INSTALLATION

Follow these general steps to install or replace a toner cartridge in your compatible Brother printer. For detailed, model-specific instructions, always refer to your printer's own user manual.

1. **Power Off and Open:** Ensure your printer is powered off. Open the front cover of your Brother printer to access the toner cartridge compartment.
2. **Remove Drum Unit Assembly:** Carefully pull out the drum unit assembly from the printer.
3. **Remove Old Toner Cartridge:** If replacing, press the green lock lever on the drum unit and remove the old toner cartridge. Dispose of the old cartridge responsibly according to local regulations.
4. **Unpack New Toner Cartridge:** Remove the new Brother TN223 toner cartridge from its protective packaging. **Do not open the toner cartridge bag until immediately before installation.**

5. **Shake Cartridge:** Gently shake the new toner cartridge horizontally several times to distribute the toner evenly.
6. **Remove Protective Cover:** Carefully remove any protective covers or seals from the new toner cartridge. **Do not touch the metallic contacts or the toner opening.**
7. **Install New Toner Cartridge:** Insert the new toner cartridge firmly into the drum unit until it clicks into place. Ensure the green lock lever lifts automatically.
8. **Reinstall Drum Unit Assembly:** Slide the drum unit assembly back into the printer until it locks into position.
9. **Close Cover and Power On:** Close the front cover of the printer and power it on. The printer will typically perform a self-test and recognize the new cartridge.



Image 1: Brother TN223BK Black Toner Cartridge. This image shows the black toner cartridge in its retail packaging, ready for installation.



Image 2: Brother TN223C Cyan Toner Cartridge. The cyan toner cartridge is displayed in its retail box, similar to other colors in the series.



Image 3: Brother TN223M Magenta Toner Cartridge. This image shows the magenta toner cartridge within its packaging.



Image 4: Brother TN223Y Yellow Toner Cartridge. The yellow toner cartridge is shown in its retail box.

3. OPERATING INSTRUCTIONS

Once installed, the Brother TN223 series toner cartridges operate automatically with your compatible Brother printer.

- **Automatic Detection:** Your printer will automatically detect the installed genuine Brother toner cartridges.
- **Page Yield:** The TN223BK black toner cartridge is designed to yield approximately 1,400 pages. Each color cartridge (TN223C, TN223M, TN223Y) is designed to yield approximately 1,300 pages. Page yield is based on ISO/IEC 19798 for color and ISO/IEC 19752 for black, and may vary significantly based on print content, average coverage, and other factors.
- **Print Quality:** Brother Genuine toner cartridges are engineered to deliver sharp text and vibrant colors for professional-quality documents and images.
- **Monitoring Toner Levels:** You can monitor the remaining toner levels through your printer's control panel or the Brother printer software on your computer.

4. MAINTENANCE

Proper handling and storage of your toner cartridges can help maintain their quality and extend their shelf life.

- **Storage:** Store unopened toner cartridges in their original sealed packaging in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Avoid touching the toner opening or the metallic contacts on the cartridge. Hold the cartridge by its sides.
- **Recycling:** Brother encourages customers to recycle their used genuine Brother toner cartridges. Visit the official Brother website for information on their recycling program.
- **Printer Cleaning:** Regularly clean your printer according to its user manual to prevent toner buildup and maintain optimal print quality.

5. TROUBLESHOOTING

If you encounter issues with your toner cartridges or print quality, consider the following common troubleshooting steps:

- **"Low Toner" or "Replace Toner" Message:**
 - Ensure the toner cartridge is correctly installed and seated firmly in the drum unit.
 - If the message persists after installing a new cartridge, try removing and reinserting it.
 - If the cartridge is genuinely low, replace it with a new Brother Genuine toner cartridge.
- **Poor Print Quality (Faded, Streaky, or Inconsistent Prints):**
 - Gently shake the toner cartridge horizontally several times to redistribute the toner.
 - Check the drum unit for any dirt or scratches. Clean the corona wire inside the drum unit as per your printer's manual.

- Ensure you are using Brother Genuine toner cartridges. Non-genuine cartridges may cause print quality issues or damage to your printer.

- Perform a print quality test or calibration from your printer's menu.

- **Toner Cartridge Not Recognized:**

- Verify that the cartridge is a Brother Genuine TN223 series cartridge.
- Remove the cartridge and check for any protective seals or tabs that may not have been fully removed.
- Reinstall the cartridge, ensuring it clicks securely into the drum unit and the drum unit is correctly seated in the printer.
- Clean the electrical contacts on both the toner cartridge and the drum unit with a dry, lint-free cloth.

If these steps do not resolve the issue, consult your printer's comprehensive user manual or contact Brother customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	Brother
Model Number	TN223 (TN223BK, TN223C, TN223M, TN223Y)
Color	Black, Cyan, Magenta, Yellow
Page Yield (Black)	Approx. 1,400 pages (ISO/IEC 19752)
Page Yield (Color)	Approx. 1,300 pages per cartridge (ISO/IEC 19798)
Included Components	Toner Cartridge
Compatible Devices	Brother HL-L3210CW, HL-L3230CDW, HL-L3270CDW, HL-L3290CDW, MFC-L3710CW, MFC-L3750CDW, MFC-L3770CDW
Item Weight (Set)	6 Pounds
UPC	012502681007

7. WARRANTY INFORMATION

Brother Genuine toner cartridges are covered by a manufacturer's limited warranty. This warranty typically covers defects in materials and workmanship under normal use.

For complete details regarding the terms, conditions, and duration of the warranty applicable to your TN223 series toner cartridges, please refer to the warranty documentation included with your product or visit the official Brother support website. Using non-genuine Brother supplies may void your printer's warranty.

8. CUSTOMER SUPPORT

Should you require further assistance or have questions not covered in this manual, please contact Brother customer support.

- **Online Support:** Visit the official Brother support website for FAQs, drivers, software downloads, and contact options. You can typically find this by searching "Brother Support" and your printer model.
- **Product Registration:** Register your Brother product online to receive updates and support.

[Visit Brother Support Website](#)



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