

Manuals.plus /

› Brother /

› Brother DR620 Drum Unit Instruction Manual for MFC-8480DN and Compatible Printers

## Brother BRODR620

# Brother DR620 Drum Unit Instruction Manual

Model: DR620

## INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your Brother DR620 Genuine Standard Drum Unit. The DR620 drum unit is designed to work seamlessly with various Brother laser printers and multifunction centers, ensuring high-quality print output.

The Brother DR620 drum unit has an estimated yield of up to 25,000 pages. It is compatible with the following Brother devices:

- DCP-8080DN
- DCP-8085DN
- HL-5340D
- HL-5350DN
- HL-5370DW
- HL-5370DWT
- MFC-8480DN
- MFC-8680DN
- MFC-8690DW
- MFC-8890DW



Image: The retail packaging for the Brother DR620 Drum Unit, showing the model number and compatible devices.

## SETUP AND INSTALLATION

Follow these steps to properly install the new DR620 drum unit into your compatible Brother printer.

1. **Unpack the Drum Unit:** Carefully remove the new DR620 drum unit from its packaging. Retain all packaging materials for proper disposal.
2. **Power Off the Printer:** Ensure your Brother printer is turned off and unplugged from the power outlet to prevent any electrical hazards.
3. **Open the Front Cover:** Open the front cover of your printer to access the drum unit and toner cartridge assembly.
4. **Remove the Old Drum Unit:** Grasp the handle of the old drum unit and toner cartridge assembly and pull it out of the printer.
5. **Separate Toner from Old Drum:** Place the old drum unit assembly on a clean, flat surface. Press the green lock lever (usually located on the left side of the drum unit) and remove the toner cartridge from the old drum unit.
6. **Install Toner into New Drum:** Insert the toner cartridge firmly into the new DR620 drum unit until you hear it lock into place. Ensure the green lock lever lifts automatically.
7. **Clean the Corona Wire:** Gently slide the green tab on the new drum unit back and forth several times to clean the corona wire. Return the tab to the home position (indicated by an arrow) after cleaning. *Failure to return the tab to the home position may result in vertical streaks on printed pages.*
8. **Insert New Drum Unit Assembly:** Place the new drum unit and toner cartridge assembly back into the printer. Push it in until it stops.
9. **Close the Front Cover:** Close the front cover of the printer.
10. **Power On the Printer:** Plug the printer back in and turn it on. The printer should now recognize the new drum unit.



Image: The Brother DR620 Drum Unit, showing its internal components. This unit holds the toner cartridge.

## OPERATION

The DR620 drum unit is a critical component in your Brother laser printer's imaging process. It works in conjunction with the toner cartridge to transfer toner onto the paper. Once installed, the printer automatically detects the new drum unit and resets its internal page counter.

The drum unit's lifespan is approximately 25,000 pages, though this can vary based on usage patterns and environmental conditions. Your printer will display a message when the drum unit is nearing the end of its life, prompting you to prepare for replacement.

## MAINTENANCE

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Proper maintenance ensures optimal print quality and extends the life of your drum unit.

- **Handle with Care:** Always handle the drum unit by its designated handles. Avoid touching the green drum surface, as fingerprints or oils can cause print quality issues.
- **Avoid Direct Light:** The drum unit is sensitive to light. Do not expose it to direct sunlight or strong indoor light for extended periods. If you need to keep it out of the printer for a short time, place it on a clean, flat surface and cover it with a dark cloth.
- **Clean Corona Wire:** If you notice vertical streaks or lines on your prints, the corona wire inside the drum unit may need cleaning. Refer to step 7 in the "Setup and Installation" section for instructions on how to clean it.
- **Storage:** Store new drum units in their original, unopened packaging in a cool, dry place away from direct sunlight.

## TROUBLESHOOTING

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If you encounter issues after installing or during the use of your DR620 drum unit, refer to the following common problems and solutions.

Problem	Possible Cause / Solution
"Replace Drum" message persists after installation.	The drum counter may not have been reset. Refer to your printer's user manual for specific instructions on how to manually reset the drum counter. This usually involves a sequence of button presses on the printer's control panel.
Vertical streaks or lines on prints.	The corona wire inside the drum unit may be dirty or the green tab was not returned to the home position after cleaning. Clean the corona wire as described in the "Setup and Installation" section (step 7).
Faded or poor print quality.	<ul style="list-style-type: none"><li>◦ The toner cartridge may be low or empty. Replace the toner cartridge if necessary.</li><li>◦ The drum unit may be nearing the end of its life.</li><li>◦ Ensure the drum unit is properly seated in the printer.</li></ul>
Printer does not recognize the drum unit.	<ul style="list-style-type: none"><li>◦ Ensure the drum unit is correctly installed and locked into place.</li><li>◦ Verify that you are using a genuine Brother DR620 drum unit.</li><li>◦ Restart the printer.</li></ul>

## SPECIFICATIONS

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- **Product Type:** Genuine Standard Drum Unit
- **Manufacturer Part Number:** DR620
- **Estimated Page Yield:** Up to 25,000 pages (ISO/IEC 19752)

- **Brand:** Brother
- **Compatible Devices:** DCP-8080DN, DCP-8085DN, HL-5340D, HL-5350DN, HL-5370DW, HL-5370DWT, MFC-8480DN, MFC-8680DN, MFC-8690DW, MFC-8890DW
- **ASIN:** B00B8XKA30
- **First Available:** February 14, 2013

## WARRANTY AND SUPPORT

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Brother Genuine supplies are manufactured to the highest standards and are designed to work optimally with Brother printers. For specific warranty information regarding your DR620 drum unit, please refer to the documentation included with your product or visit the official Brother support website.

For technical assistance, troubleshooting, or to inquire about warranty claims, please contact Brother Customer Support directly. You can find contact information on the official Brother website or through your printer's support resources.

**Brother Official Website:** [www.brother-usa.com](http://www.brother-usa.com)