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## Canon 2945B001

# Canon PIXMA MP630 Pigment Black Ink Cartridge User Manual

Model: 2945B001

## 1. INTRODUCTION

This manual provides essential instructions for the proper installation, usage, and maintenance of your Canon PIXMA MP630 Pigment Black Ink Cartridge (Model: 2945B001). Adhering to these guidelines will help ensure optimal print quality and longevity of your cartridge.

## 2. PRODUCT OVERVIEW

The Canon PIXMA MP630 Pigment Black Ink Cartridge is an original equipment manufacturer (OEM) product designed specifically for Canon PIXMA MP630 InkJet Printers. This pigment-based black ink delivers sharp text and graphics, offering fade-resistant and smudge-resistant properties for high-quality documents.

Each cartridge is designed to yield approximately 350 pages, though actual page yield may vary based on content printed and other factors.



**Figure 1:** Canon PIXMA Pigment Black Ink Cartridge (Model 220 shown, similar to 2945B001). This image displays the

retail packaging and the ink cartridge itself, highlighting the Canon branding and model number.

### 3. SETUP AND INSTALLATION

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Follow these steps to correctly install the pigment black ink cartridge into your Canon PIXMA MP630 printer:

1. **Power On:** Ensure your Canon PIXMA MP630 printer is powered on.
2. **Open Printer Cover:** Gently open the printer's top cover or access door to expose the ink cartridge carriage. The carriage will typically move to the replacement position.
3. **Remove Old Cartridge (if applicable):** If replacing an existing cartridge, press the tab on the old cartridge and lift it out of its slot. Dispose of used cartridges responsibly.
4. **Unpack New Cartridge:** Carefully remove the new Canon Pigment Black Ink Cartridge from its packaging. Avoid touching the electrical contacts or the ink nozzle.
5. **Remove Protective Tape/Film:** Locate and gently remove any orange protective tape or film from the cartridge. Do not remove any other labels or seals.
6. **Insert New Cartridge:** Align the new cartridge with the correct slot (usually marked "PGBK" for Pigment Black). Insert the cartridge firmly until it clicks into place.
7. **Close Printer Cover:** Close the printer's top cover or access door. The printer will perform an initialization process.
8. **Print Test Page:** It is recommended to print a test page or perform a nozzle check from your printer's utility software to ensure proper installation and print quality.

**Note:** Refer to your Canon PIXMA MP630 printer's specific user manual for detailed instructions on ink cartridge replacement, as procedures may vary slightly.

### 4. OPERATING (USAGE)

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Once installed, the Canon PIXMA MP630 Pigment Black Ink Cartridge functions automatically with your compatible printer. The printer will draw ink as needed for printing documents. Monitor your printer's ink levels through its display or software utility to anticipate replacement needs.

For best results, use genuine Canon photo paper and printer settings appropriate for your print job.

### 5. MAINTENANCE AND STORAGE

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#### 5.1. Cartridge Handling

- Always handle ink cartridges carefully to avoid damage to the nozzle or electrical contacts.
- Do not touch the metallic electrical contacts or the ink nozzles on the cartridge.
- Avoid shaking the cartridge excessively, as this can cause ink leakage.

#### 5.2. Storage

- Store unused ink cartridges in their original sealed packaging until ready for use.
- Keep cartridges in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid storing cartridges in areas with significant temperature fluctuations.

#### 5.3. Printer Maintenance

- Regularly perform print head cleaning and nozzle checks through your printer's utility software to

prevent clogs and maintain print quality.

- If the printer will be unused for an extended period, ensure it is powered off correctly to cap the print heads and prevent ink from drying out.

## 6. TROUBLESHOOTING

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If you encounter issues with your ink cartridge or print quality, consider the following:

- **Poor Print Quality (Streaks, Fading, Missing Colors):**
  - Check ink levels. The cartridge may be low or empty.
  - Perform a print head cleaning and nozzle check from your printer's maintenance utility.
  - Ensure the cartridge is correctly seated in its slot. Remove and reinsert if necessary.
  - Verify that all protective tapes/films were removed from the cartridge before installation.
- **"Ink Cartridge Not Recognized" Error:**
  - Remove the cartridge and gently wipe the electrical contacts on the cartridge and inside the printer carriage with a lint-free cloth. Reinsert the cartridge firmly.
  - Ensure the cartridge is genuine Canon and compatible with your PIXMA MP630 printer.
  - Restart the printer and your computer.
- **Ink Leakage:**
  - If a new cartridge leaks upon opening, contact Canon support or your retailer.
  - Ensure the cartridge was not dropped or damaged.

For further troubleshooting, consult your Canon PIXMA MP630 printer's user manual or visit the official Canon support website.

## 7. SPECIFICATIONS

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|---------------------------|--|
| <b>Brand</b>              | Canon  |
| <b>Model Number</b>       | 2945B001   |
| <b>Ink Type</b>           | Pigment Black                                    |
| <b>Color</b>              | Black  |
| <b>Page Yield</b>         | Approximately 350 pages (ISO/IEC 24711 standard) |
| <b>Compatible Devices</b> | Canon PIXMA MP630 InkJet Printer                 |
| <b>Special Features</b>   | Fade Resistant, Smudge Resistant                 |
| <b>Product Dimensions</b> | 1 x 1 x 1 inches (approximate)                   |

## 8. WARRANTY AND SUPPORT

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Canon provides a limited warranty for its genuine ink cartridges. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Canon website. For technical support, product inquiries, or warranty claims, please contact Canon Customer Service directly.

You can find support information and contact details on the official Canon website: [usa.canon.com/support](https://usa.canon.com/support)