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## PILOT 91111

# PILOT Metropolitan Fountain Pen (Model 91111) Instruction Manual

Black Barrel, Fine Nib

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## 1. INTRODUCTION

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This manual provides instructions for the use and maintenance of your PILOT Metropolitan Collection Fountain Pen, Model 91111. This writing instrument features a brass barrel with stainless accents and a fine nib, designed for a smooth writing experience.



Figure 1: PILOT Metropolitan Fountain Pen (Model 91111) with cap on.

This image displays the PILOT Metropolitan Fountain Pen, Model 91111, in its capped state. The pen features a sleek black barrel and a silver clip, showcasing its classic design.

## 2. SETUP

Your PILOT Metropolitan Fountain Pen comes with a black ink cartridge and a squeeze converter, housed in a gift box. Follow these steps to prepare your pen for writing.

### 2.1. Unpacking Contents

Ensure all components are present:

- PILOT Metropolitan Fountain Pen
- Black Ink Cartridge
- Squeeze Converter
- Gift Box

### 2.2. Installing an Ink Cartridge

1. Unscrew the barrel from the grip section of the pen.
2. Insert the narrow end of the ink cartridge firmly into the feed nipple until you hear a click, indicating it is securely seated.
3. Allow a few minutes for the ink to saturate the feed and nib. Gently shake the pen or lightly touch the

nib to a paper towel to encourage ink flow.

4. Reattach the barrel by screwing it back onto the grip section.



Figure 2: PILOT Metropolitan Fountain Pen with cap removed, ready for ink installation.

This image shows the PILOT Metropolitan Fountain Pen with its cap removed, revealing the fine nib and the grip section where the ink cartridge or converter is installed.

### 2.3. Filling with the Squeeze Converter (Bottled Ink)

If you prefer to use bottled ink, follow these steps with the included squeeze converter:

1. Remove any installed ink cartridge.
2. Insert the squeeze converter firmly into the feed nipple.
3. Submerge the nib completely into a bottle of fountain pen ink.
4. Compress and release the rubber sac of the converter several times to draw ink into the reservoir.
5. Remove the nib from the ink bottle and gently wipe any excess ink from the nib and grip section with a soft cloth.
6. Reattach the barrel.

Your browser does not support the video tag.

Video 1: Official demonstration of the Pilot Metropolitan Collection Fountain Pen, including ink filling methods. This video provides a visual guide to setting up and using your pen.

## 3. OPERATING THE PEN

Once the ink is flowing, your PILOT Metropolitan Fountain Pen is ready for use.

- **Holding the Pen:** Hold the pen comfortably between your thumb and forefinger, resting on your middle finger. The fine nib requires minimal pressure for smooth ink flow.
- **Writing Angle:** Maintain a consistent writing angle (typically 45-55 degrees) for optimal performance of the fine nib.
- **Capping:** Always cap the pen when not in use to prevent the ink from drying out in the nib.

## 4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your fountain pen.

### 4.1. Cleaning the Nib and Feed

1. If the pen will not be used for an extended period, or when changing ink colors, it is recommended to clean the pen.
2. Remove the ink cartridge or converter.
3. Flush the nib and feed section under cool, running water until the water runs clear.
4. For a more thorough cleaning, use the squeeze converter to draw and expel clean water repeatedly.
5. Allow all components to air dry completely before reassembling or storing.

### 4.2. Storage

Store your fountain pen capped and in a horizontal position when not in use. This helps prevent the nib from drying out and ensures consistent ink flow upon next use. The included gift box is suitable for storage.

## 5. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
No ink flow or skipping	Dried ink in nib/feed, cartridge not seated correctly, low ink.	Flush the nib and feed with water. Ensure cartridge/converter is firmly inserted. Replace or refill ink.
Leaking ink	Loose components, damaged cartridge/converter, incorrect ink.	Check that the barrel and cartridge/converter are tightly secured. Use only fountain pen ink. Inspect cartridge/converter for damage.
Scratchy writing	Nib misalignment, paper quality, excessive pressure.	Ensure nib tines are aligned (consult a specialist if unsure). Use fountain pen friendly paper. Apply light pressure.

## 6. SPECIFICATIONS

- **Brand:** PILOT
- **Model Name:** Metropolitan Collection Fountain Pen
- **Model Number:** 91111
- **Writing Instrument Form:** Fountain Pen
- **Color:** Black
- **Ink Color:** Black (included cartridge)
- **Nib Size:** Fine
- **Material Type:** Brass (barrel)
- **Item Dimensions:** 1.2 x 2.3 x 7 inches
- **Item Weight:** 100 Grams
- **Included Components:** Black Ink Cartridge, Squeeze Converter, Gift Box

## 7. WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the official PILOT website or contact their customer service. Specific warranty details may vary by region and purchase date.

You can visit the official PILOT store for more information: [PILOT Official Store](#)

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