

TOPKAY TK-501

TOPKAY TK-501 Refillable Butane Torch Lighter Instruction Manual

Model: TK-501 | Brand: TOPKAY

INTRODUCTION

Thank you for choosing the TOPKAY TK-501 Refillable Butane Torch Lighter. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your new lighter. Please read these instructions carefully before use and retain them for future reference.

This lighter features a 4.5-inch 360° flexible neck, allowing for versatile use in various applications such as lighting candles, grills, BBQs, fireplaces, and for camping. It is designed with a visible fuel level window and an adjustable flame wheel for convenience.

SAFETY INFORMATION

WARNING: Butane lighters contain flammable gas under pressure. Improper use can result in injury or property damage. Always follow these safety guidelines:

- Keep out of reach of children.
- Ignite lighter away from face and clothing.
- Do not puncture or incinerate.
- Do not expose to temperatures above 120°F (49°C) or prolonged sunlight.
- Ensure the flame is extinguished after each use.
- Do not attempt to repair or modify the lighter.
- Use only in well-ventilated areas.
- The lighter is shipped without butane. It must be refilled before first use.

PRODUCT OVERVIEW

The TOPKAY TK-501 lighter is designed for ease of use and durability. Key components include:

- **Flexible Neck:** A 4.5-inch (approx. 11.4 cm) flexible neck allows for precise flame direction and reaching difficult areas.
- **Jet Burner:** Provides a powerful 2300°F flame.

- **Ignition Button:** Activates the flame.
- **Gas Window:** A visible window to monitor butane fuel levels.
- **Flame Adjuster:** Located at the base, this allows you to control the flame height.
- **Gas Refill Valve:** Located at the base for easy butane refilling.

EXCELLENT CRAFTSMANSHIP

Superb Parts And Workmanship
Stable Firepower System



Figure 1: Labeled components of the TOPKAY TK-501 Lighter.



Figure 2: Dimensions and visible fuel window of the lighter.

SETUP: BUTANE REFILLING INSTRUCTIONS

The lighter is shipped without butane and must be refilled before use. Use only high-quality butane fuel with a long nozzle stem.

1. **Choose Butane Canister:** Select a butane canister with a long nozzle stem for proper refilling.
2. **Drain Remaining Fuel/Air:** Before refilling, ensure the lighter is completely empty of any residual gas. Use a small screwdriver or a ballpoint pen to gently press the refill valve at the bottom of the lighter to drain any remaining fuel or air. This step is crucial for efficient refilling.
3. **Adjust Flame to Lowest Setting:** Turn the flame adjustment wheel at the base of the lighter to its lowest setting (turn counter-clockwise towards the '-' sign). This helps prevent excessive flame after refilling.
4. **Refill the Lighter:** Turn the lighter upside down. Firmly insert the butane canister's nozzle into the lighter's refill valve. Press down for approximately 3-6 seconds. Repeat this process 2-3 times until the fuel window indicates the lighter is full.
5. **Wait:** After refilling, wait for at least 2-3 minutes before attempting to ignite the lighter. This allows the butane to stabilize and reach room temperature.
6. **Adjust Flame to Desired Setting:** After waiting, turn the flame adjustment wheel clockwise towards the '+' sign to increase the flame to your desired height.



Figure 3: Step-by-step guide for refilling your TOPKAY Torch Lighter.

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Video 1: Demonstrates the process of refilling the TOPKAY Torch Lighter with butane.

OPERATING INSTRUCTIONS

1. **Ignition:** After ensuring the lighter is properly refilled and the butane has stabilized, slide the safety lock to the 'unlock' position (if applicable) and press the ignition button. The flexible neck can be bent to direct the flame as needed.
2. **Flame Adjustment:** Use the flame adjustment wheel at the base of the lighter to increase or decrease the flame height. Turn clockwise for a larger flame and counter-clockwise for a smaller flame.
3. **Extinguishing the Flame:** Release the ignition button to extinguish the flame. Ensure the flame is completely out before storing.



Figure 4: Adjusting the flame height using the wheel at the base.

Flex Neck Lighter



Figure 5: The flexible neck allows easy lighting of deep jar candles.

MAINTENANCE

- **Cleaning:** Periodically wipe the lighter with a soft, dry cloth to remove dirt and debris. Do not use abrasive cleaners or solvents.
- **Storage:** Store the lighter in a cool, dry place, away from direct sunlight and heat sources. Ensure it is completely extinguished and the safety lock is engaged (if applicable) before storage.
- **Refill Valve Care:** Handle the refill valve gently during refilling to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lighter does not ignite.	No butane fuel; air in the tank; flame adjuster set too low.	Refill with butane (see Setup section); bleed air from the tank; adjust flame higher.
Inconsistent or weak flame.	Low butane level; air in the tank; flame adjuster set too low; butane not stabilized after refill.	Refill butane; bleed air from the tank; adjust flame higher; wait 2-3 minutes after refilling.

Problem	Possible Cause	Solution
Lighter leaks gas during refill.	Butane canister nozzle not properly aligned or pressed firmly; tank is full.	Ensure nozzle is straight and pressed firmly; stop refilling if tank is full.

SPECIFICATIONS

- **Brand:** TOPKAY
- **Model Number:** TK-501
- **Color:** Black
- **Material:** Plastic, Zinc
- **Item Weight:** 4.5 ounces (approx. 127.5 grams)
- **Fuel Type:** Liquefied Petroleum Gas (Butane)
- **Product Dimensions:** 10"L x 0.79"W x 0.79"Th (approx. 25.4 cm L x 2 cm W x 2 cm Th)
- **Flame Temperature:** Up to 2300°F (approx. 1260°C)
- **Flexible Neck Length:** 4.5 inches (approx. 11.4 cm)

WARRANTY AND SUPPORT

For warranty information or product support, please refer to the contact details provided with your purchase or visit the official TOPKAY website. Keep your purchase receipt as proof of purchase.