

HONEST BCH505

HONEST 505 Jet Dual Flame Butane Torch Lighter User Manual

Model: BCH505

1. IMPORTANT SAFETY INFORMATION

Please read all instructions and warnings carefully before using the HONEST 505 Jet Dual Flame Butane Torch Lighter. Failure to follow these instructions may result in fire, explosion, property damage, or personal injury.

- **Keep out of reach of children.** This product is not a toy.
- **Use only in well-ventilated areas.** Butane gas is highly flammable.
- **Do not expose to heat or open flame.** Store away from direct sunlight and temperatures exceeding 120°F (49°C).
- **Do not puncture or incinerate.**
- **Avoid contact with skin and eyes.**
- **Ensure the gas valve is completely closed** before storage or refilling. A firm twist may be required to fully shut off the gas.
- **Do not attempt to disassemble or modify the torch.**
- **Exercise extreme caution when using.** The flame can reach temperatures up to 1300°C (2372°F).
- **Be aware of the lack of an automatic safety shutoff.** The torch relies on manual gas valve closure. Always maintain a firm grip and ensure the flame is extinguished immediately after use.
- **Do not use near flammable materials.**
- **Do not immerse in water or other liquids.**

2. PRODUCT OVERVIEW

The HONEST 505 Jet Dual Flame Butane Torch Lighter is a versatile tool designed for various applications, including kitchen tasks, craft work, and light soldering. It features a robust metal construction and adjustable flame settings.



Image 2.1: HONEST 505 Jet Dual Flame Butane Torch Lighter with various applications shown.

Key Features:

- **Durable Construction:** Sturdy metal design with a brass gas tank and a leak-proof inflation valve.
- **Heat-Resistant Nozzle:** Long-angled ceramic nozzle for safe operation.
- **Stable Base:** Wide copper base provides excellent support and prevents tipping.
- **Ergonomic Handle:** Designed for comfortable grip and remains cool during use.
- **Piezo Ignition:** Easy and fast ignition for a continuous flame.
- **Dual Flame Modes:** Adjustable between a precise jet flame and a softer flame.
- **Refillable:** Designed for easy butane gas refilling (butane not included).



Image 2.2: Internal view of the HONEST 505 Jet Butane Torch, highlighting the full copper plated tank design and dimensions.

3. SETUP AND BUTANE REFILLING

The HONEST 505 Jet Torch is shipped without butane gas and must be refilled before first use. Use only high-quality butane gas for optimal performance and safety.

Butane Refilling Instructions:

1. **Ensure the torch is completely off.** Turn the gas adjustment wheel fully to the right (closed position).
2. **Invert the torch.** Hold the torch upside down to expose the refill valve at the bottom.
3. **Select the correct adapter.** The package includes 3 red accessories for different gas tank ports. Choose the adapter that fits your butane gas canister nozzle securely.
4. **Insert butane nozzle.** Firmly press the butane gas canister nozzle (with adapter, if needed) into the torch's refill valve.
5. **Refill.** Hold for approximately 10 seconds. You may hear a hissing sound and see some liquid butane escaping, which is normal.
6. **Allow gas to stabilize.** After refilling, wait a few minutes for the gas to stabilize and reach room

temperature before attempting to ignite the torch. This helps prevent irregular flames.

Note: Butane gas is not included with the torch.



Image 3.1: The HONEST 505 Jet Butane Torch in its packaging, illustrating the refill process with a long nozzle.

4. OPERATING INSTRUCTIONS

Follow these steps to safely operate your HONEST 505 Jet Dual Flame Butane Torch Lighter.

Ignition and Flame Adjustment:

1. **Open Gas Valve:** Turn the gas adjustment wheel to the left (counter-clockwise) to release butane gas. A slight hiss may be heard.
2. **Ignite Flame:** Press the ignition button to activate the piezo igniter and light the flame. The flame will remain lit as long as the gas valve is open.
3. **Adjust Flame Size:** Continue turning the gas adjustment wheel to the left to increase the flame size and intensity. Turn it to the right to decrease the flame size.
4. **Extinguish Flame:** To turn off the torch, turn the gas adjustment wheel fully to the right (clockwise) until the flame extinguishes completely and the valve is securely closed.



Image 4.1: Step-by-step guide on how to ignite and extinguish the torch, demonstrated with a creme brulee application.

Dual Flame Mode:

The torch features two flame modes: a precise jet flame and a softer, wider flame. This allows for versatility in various tasks.

- **Switching Modes:** Rotate the plastic jacket around the nozzle to adjust the air intake.
- **Jet Flame:** With the air inlet fully open (U-shaped cutouts aligned), the torch produces a concentrated, high-temperature jet flame.
- **Soft Flame:** With the air inlet partially or fully closed, the torch produces a softer, orange flame, similar to a standard lighter.



Image 4.2: Visual representation of the two flame modes (jet and soft) and the rotary button for adjustment.

5. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your torch.

- **Cleaning:** Wipe the torch body with a soft, dry cloth. Do not use abrasive cleaners or immerse in water.
- **Storage:** Store the torch in a cool, dry place, away from direct sunlight and heat sources. Ensure the gas valve is completely closed before storage.
- **Refill Valve Protection:** Keep the small plastic cap or adapter that came with your butane bottle over the refill valve to prevent accidental activation or debris entry during storage.

6. TROUBLESHOOTING

If you encounter issues with your HONEST 505 Jet Torch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Torch does not ignite.	No butane gas. Gas valve not open. Igniter malfunction.	Refill with butane gas (see Section 3). Turn the gas adjustment wheel to the left. Contact customer support if igniter fails after refilling and valve is open.
Flame is weak or inconsistent.	Low butane level. Air in the tank. Gas adjustment wheel not fully open.	Refill butane. Purge air by pressing the refill valve with a small tool until all air is released, then refill. Turn the gas adjustment wheel further to the left.
Flame extinguishes unexpectedly.	Low butane level. Gas valve not fully open. External factors (e.g., strong draft).	Refill butane. Ensure gas adjustment wheel is sufficiently open. Use in a sheltered environment.
Torch leaks gas.	Gas valve not fully closed. Damaged refill valve.	Ensure the gas adjustment wheel is turned fully to the right and securely closed. Discontinue use immediately and contact customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	HONEST
Model Number	BCH505
Material	Brass Gas Tank
Product Dimensions	3.14"L x 2"W x 5.75"H
Item Weight	0.4 Pounds (approx. 6.4 ounces)
Maximum Temperature	1300°C (2372°F)
Power Source	Butane Gas (not included)
Included Components	Torch with Copper Body, 3 Red Refill Adapters

8. WARRANTY AND SUPPORT

HONEST is committed to providing quality products and customer satisfaction.

- **Warranty:** This product is covered by a **2-year free service warranty**.
- **Returns:** A **90-day no-questions-asked, no-hassle return policy** is available.
- **Customer Support:** For any questions, concerns, or warranty claims, please contact HONEST customer support through the retailer where the product was purchased or visit the official HONEST store online.

- **Online Store:** [Visit the HONEST Store on Amazon](#)