

[Manuals.plus](#) /

› [Flame King](#) /

› Flame King Propane Torch Weed Burner and 1LB Refill Kit User Manual

Flame King Propane Torch Weed Burner

Flame King Propane Torch Weed Burner and 1LB Refill Kit User Manual

Model: Propane Torch Weed Burner

1. IMPORTANT SAFETY INFORMATION

Read and understand all instructions and warnings before operating this product. Failure to follow these instructions may result in fire, explosion, serious injury, or death.

- **Outdoor Use Only:** Operate the torch and refill kit exclusively in well-ventilated outdoor areas.
- **Keep Away from Flammables:** Ensure no flammable materials, liquids, or vapors are near the operating area.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment, including gloves, eye protection, and long sleeves.
- **Check for Leaks:** Before each use, check all connections for leaks using a soapy water solution. Bubbles indicate a leak. Do not use if a leak is detected.
- **Proper Storage:** Store propane cylinders and the torch in a cool, dry, well-ventilated area, away from direct sunlight and ignition sources.
- **Children and Pets:** Keep children and pets away from the operating area and stored equipment.
- **Hot Surfaces:** The torch nozzle and surrounding areas become extremely hot during and after use. Allow sufficient time for cooling before handling.
- **Refilling Safety:** Only refill DOT-certified refillable propane cylinders. Never attempt to refill disposable 1LB propane tanks. Follow all refill instructions carefully.

2. PRODUCT OVERVIEW

The Flame King Propane Torch Weed Burner is a versatile tool designed for various outdoor tasks, including weed control, melting ice, and lighting BBQs. It features an integrated self-igniting lighter and a flame control valve for precise operation. This kit also includes a Flame King 1LB refillable propane cylinder and a refill kit, offering an eco-friendly and cost-effective alternative to disposable tanks.

2.1 Components

- **Propane Torch:** 33-inch long with a non-slip handle, integrated igniter, and flame adjustment knob.

- **1LB Refillable Propane Cylinder:** DOT-certified for legal refilling and transport.
- **Refill Kit:** Includes a cylinder cap, 2mm Allen key, refill adapter device, and a refill stand for 20LB tanks.



Figure 1: Flame King Propane Torch Weed Burner with 1LB Refillable Propane Cylinder and Refill Stand.



Standard 1LB Connector



Ergonomic Anti-Slip Grip



Built-in Push Button Igniter



Flame Adjustment Knob

FEATURES

Figure 2: Key features of the propane torch, including the standard 1LB connector, ergonomic anti-slip grip, built-in push button igniter, and flame adjustment knob.

3. SETUP AND ASSEMBLY

3.1 Attaching the Propane Cylinder to the Torch

1. Ensure the flame adjustment knob on the torch is fully closed (turned clockwise).
2. Align the threaded connector of the torch with the valve on the 1LB propane cylinder.
3. Screw the torch connector onto the cylinder valve hand-tight. Do not overtighten.
4. Perform a leak test: Apply a soapy water solution to the connection point. If bubbles appear, tighten slightly or re-seat the connection. Do not proceed if a leak persists.



1

Attach 1LB propane tank
(sold separately)



2

Turn the knob by around 1/8"
of a turn to release gas



3

Push button to ignite

EASY TO IGNITE!

This torch is compatible with 1LB, 0.5LB
and 0.25LB propane cylinders!



Compatible variety of propane cylinder
sizes to suit all your gardening needs.



4

Adjust the flame size using the same
knob for releasing gas

Figure 3: Visual guide for attaching the 1LB propane tank to the torch, releasing gas, and igniting.

3.2 Preparing the 1LB Refill Kit (for Refilling)

The refill kit allows you to safely and legally refill your Flame King 1LB propane cylinder from a larger 20LB propane tank.

1LB PROPANE CYLINDER REFILL KIT

This one-of-a-kind kit lets you quickly and easily refill your empty 1lb propane cylinder.

KIT INCLUDES:

16.4OZ REFILLABLE
PROPANE CYLINDER

CYLINDER CAP

E-Z FILL™ ADAPTER

SAFETY FILLING KEY

REFILL STAND



Figure 4: The 1LB propane cylinder refill kit includes the cylinder, cap, Allen key, refill adapter, and refill stand.

4. OPERATING INSTRUCTIONS

4.1 Igniting the Torch

1. Ensure you are in a safe, well-ventilated outdoor area, clear of flammable materials.
2. Slowly turn the flame adjustment knob counter-clockwise by approximately 1/8 of a turn to release a small amount of gas. You should hear a faint hiss.
3. Press the red ignition button firmly to ignite the gas. If the torch does not light, close the valve, wait a few seconds, and repeat the process.
4. Once ignited, adjust the flame to the desired size using the flame adjustment knob.

4.2 Using the Torch

The Flame King Propane Torch is suitable for various applications:

- **Weed Control:** Direct the flame at the base of weeds for a few seconds until they wilt. This method destroys the plant's cell structure without chemicals.
- **Melting Ice:** Use the flame to quickly melt ice on sidewalks, driveways, or steps.
- **Lighting BBQs/Fires:** Safely ignite charcoal or wood in BBQs, fire pits, or campfires.
- **Other Uses:** Can be used for tasks like removing paint or thawing frozen pipes (use extreme caution and ensure proper ventilation).



Figure 5: The torch can be used for weed control, melting ice, and lighting BBQs or flame pits.

4.3 Shutting Down the Torch

1. Turn the flame adjustment knob fully clockwise until the flame extinguishes.
2. Allow the torch to cool completely before storing or detaching the propane cylinder.
3. Once cool, carefully detach the propane cylinder by unscrewing it counter-clockwise.

4.4 Refilling the 1LB Propane Cylinder

WARNING: Only refill Flame King DOT-certified 1LB refillable cylinders. Never attempt to refill disposable 1LB tanks. Perform refilling outdoors in a well-ventilated area, away from ignition sources.

1. Place the 20LB propane tank securely on the refill stand, ensuring it is inverted (upside down).
2. Attach the refill adapter device to the 20LB tank's valve.
3. Connect the empty Flame King 1LB refillable cylinder to the other end of the refill adapter.
4. Slowly open the valve on the 20LB tank. You will hear gas flowing into the 1LB cylinder.
5. Once the flow stops (typically 1-2 minutes), close the 20LB tank valve.
6. Carefully disconnect the 1LB cylinder and the refill adapter.
7. Perform a leak test on the refilled 1LB cylinder valve using soapy water.
8. Replace the cylinder cap on the 1LB cylinder for storage.



Figure 6: Demonstrating the process of refilling a 1LB propane cylinder from a larger tank using the Flame King refill stand and adapter.

5. MAINTENANCE AND STORAGE

- **Cleaning:** Keep the torch and cylinders clean and free of debris. Wipe down with a damp cloth if necessary.
- **Inspection:** Regularly inspect the torch and cylinders for any signs of damage, corrosion, or wear. Replace damaged components immediately.
- **Storage:** Store the torch and propane cylinders in a cool, dry, well-ventilated area, away from direct sunlight, heat sources, and open flames. Ensure cylinders are capped when stored.
- **Cylinder Lifespan:** Flame King 1LB refillable cylinders are designed for long-term use and are X-ray & Hydrostatic tested, and powder coated for durability.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Torch does not ignite.	No gas flow. Igniter malfunction. Empty propane cylinder.	Ensure flame adjustment knob is slightly open. Check igniter for spark. If no spark, contact support. Replace or refill the 1LB propane cylinder.
Weak or inconsistent flame.	Low propane level. Partial obstruction in nozzle. Improper valve adjustment.	Refill or replace the 1LB propane cylinder. Ensure nozzle is clear (only when cool). Adjust the flame control knob.
Gas leak detected (hissing sound, smell of gas, or soapy bubbles).	Loose connection. Damaged O-ring or valve.	Immediately shut off gas. Tighten all connections. If leak persists, do not use. Contact Flame King customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	Flame King
Model	Propane Torch Weed Burner with 1LB Refill Kit
Thermal Output	24,000 BTU
Torch Length	33 inches
Ignition Type	Integrated Self-Igniting Lighter
Handle	Formed, non-slip rubber grip
Propane Cylinder Capacity	1LB (16.4 oz)
Cylinder Certification	DOT Certified Refillable
Construction (Cylinder)	High-grade steel, X-ray & Hydrostatic tested, powder coated
Power Source	Propane-powered

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact Flame King customer service. Refer to the product packaging or the official Flame King website for the most current contact details.
Website: www.flameking.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question