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Flame King 1LB Refillable Propane Cylinder Tank & Refill Fitting Adapter Valve

Flame King 1LB Refillable Propane Cylinder & Refill Adapter Valve Instruction Manual

Model: B0CSYLWYMP

Brand: Flame King

IMPORTANT SAFETY INFORMATION

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

- Use outdoors only in a well-ventilated area.
- Do not store or use near ignition sources, heat, or open flame.
- Always wear appropriate personal protective equipment, including safety glasses and gloves, when handling propane.
- Never overfill propane cylinders. Fill to approximately 80% capacity.
- Do not leave the cylinder in an inverted position for too long during refilling.
- Ensure all connections are tight and leak-free before and after refilling. Use soapy water to check for leaks.
- Only use Flame King 1LB refillable cylinders with the Flame King refill adapter. Disposable 1LB tanks are not designed for refilling and doing so is unsafe and illegal.
- Keep out of reach of children.

PRODUCT OVERVIEW

The Flame King 1LB Refillable Propane Cylinder and Refill Fitting Adapter Valve system provides a safe, legal, and environmentally friendly solution for powering your portable propane appliances. This kit allows you to refill 1LB propane cylinders from a larger propane tank, reducing waste and saving costs associated with disposable tanks.

Components Included:

- Flame King 16.4 oz (1LB) Refillable Propane Cylinder(s)
- Propane Refill Fitting Adapter Valve

- Refill Stand (for holding the larger propane tank upside down)
- Allen Wrench (for bleeding the 1LB cylinder)



Image: Two green Flame King 16.4 oz refillable propane cylinders and a brass refill adapter valve. The cylinders feature "Flame King" branding and "Refillable Propane Cylinder" text. The adapter has a black knob on one end and a lever on the side.

SETUP

Proper setup is crucial for safe and efficient refilling.

Step 1: Assemble the Refill Stand

1. Attach the three legs to the refill stand base using the provided screws and wing nuts. Ensure the stand is stable.
2. Place the refill stand on a flat, stable surface outdoors, away from any ignition sources.

RUSTPROOF BRASS CONNECTORS



Image: A large propane tank inverted and secured in a black metal refill stand with a green base. The refill adapter is connected to the large tank's valve.

Step 2: Prepare the Large Propane Tank

1. Ensure your larger propane tank (e.g., 20LB BBQ tank) is full or has sufficient propane.
2. Invert the large propane tank and securely place it into the assembled refill stand. The tank's valve should be facing downwards.
3. Connect the black knob end of the refill adapter valve to the large propane tank's valve. Tighten securely by hand.



Image: A close-up view of the brass refill adapter valve connected to the valve of a large, inverted propane tank. The adapter has a lever and a connection point for the 1LB cylinder.

OPERATING INSTRUCTIONS (REFILLING)

Follow these steps carefully to refill your 1LB propane cylinders.

Step 1: Connect the 1LB Cylinder

1. Ensure the valve on the refill adapter is in the "OFF" position (lever perpendicular to the adapter body).
2. Screw the empty Flame King 1LB refillable propane cylinder onto the threaded end of the refill adapter. Tighten firmly by hand.
3. Locate the bleed screw on the 1LB cylinder (a small screw near the valve). Using the provided Allen wrench, loosen the bleed screw by approximately a quarter turn. This allows air to escape during refilling.





Image: A person's gloved hand connecting a green Flame King 1LB refillable propane cylinder to the brass refill adapter, which is attached to a larger inverted propane tank.

Step 2: Initiate Refill

1. Slowly open the valve on the large propane tank.

2. Slowly open the valve on the refill adapter (lever parallel to the adapter body). You should hear gas flowing into the 1LB cylinder and air escaping from the bleed screw.
3. The 1LB cylinder will become cold as it fills.
4. Monitor the gas escaping from the bleed screw. When liquid propane starts to escape (it will sputter and become visible), the 1LB cylinder is approximately 80% full. This indicates a safe fill level.

Step 3: Complete Refill

1. Immediately close the valve on the refill adapter.
2. Close the valve on the large propane tank.
3. Tighten the bleed screw on the 1LB cylinder.
4. Carefully unscrew the refilled 1LB cylinder from the adapter. There may be a small hiss of residual gas; this is normal.

Your browser does not support the video tag.

Video: Official Flame King demonstration showing the quick and easy setup of the refill stand and adapter, followed by the process of connecting and refilling a 1LB propane cylinder from a larger tank. The video highlights the safety and convenience of the system.

Maintenance and Storage

Proper maintenance ensures the longevity and safe operation of your Flame King products.

- After each use, ensure all valves are closed and connections are disconnected.
- Store the refill adapter and cylinders in a cool, dry, well-ventilated area, away from direct sunlight and heat sources.
- Always cap the 1LB cylinders when not in use or during transport to prevent debris from entering the valve and to prevent leaks.
- Regularly inspect the adapter and cylinders for any signs of damage, corrosion, or leaks. Replace damaged components immediately.



**Stand and Propane
Tank not included**

Image: A close-up of brass caps designed to screw onto the top of 1LB propane cylinders, providing protection for the valve and preventing leaks during storage or transport.

TROUBLESHOOTING

Problem: Cylinder not filling or filling slowly.

- **Solution:** Ensure the large propane tank is inverted and securely placed in the stand. Liquid propane flows downwards.

- **Solution:** Verify both the large tank valve and the adapter valve are fully open.
- **Solution:** Check that the bleed screw on the 1LB cylinder is sufficiently loosened (approx. 1/4 turn) to allow air to escape.
- **Solution:** The large propane tank may be low on fuel or too cold. Allow the large tank to warm up slightly (but never apply direct heat).

Problem: Gas leaking from connections.

- **Solution:** Tighten all connections securely by hand. Do not overtighten.
- **Solution:** Apply soapy water to connections to identify the exact leak source. If a leak persists after tightening, replace the faulty component.
- **Solution:** Ensure O-rings are present and in good condition within the brass caps and adapter connections.

SPECIFICATIONS

Feature	Detail
Brand	Flame King
Model	1LB Refillable Propane Cylinder Tank & Refill Fitting Adapter Valve
Cylinder Capacity	16.4 Fluid Ounces (1LB)
Cylinder Material	Metal
Adapter Material	Brass, Metal
Fuel Type	Liquefied Petroleum Gas (Propane)
Certification	DOT Certified (for 1LB refillable cylinders)

WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please visit the official Flame King website or contact their customer service. Refer to the product packaging for specific contact details.

Online resources for detailed refill instructions and troubleshooting may also be available by scanning the QR code on your Fuel Keg cylinder.



Image: A close-up of a green Flame King 16.4 oz refillable propane cylinder, showing the product label with warnings and instructions. The label emphasizes its refillable nature and DOT certification.

Related Documents - 1LB Refillable Propane Cylinder Tank & Refill Fitting Adapter Valve

 <p>Flame King YSNPQ810CGA Self-Lighting Outdoor Torch Manual & Safety Guide</p> <p>Comprehensive operating instructions, safety precautions, maintenance, and troubleshooting for the Flame King YSNPQ810CGA self-lighting outdoor propane torch. Learn how to safely use and care for your torch.</p>	
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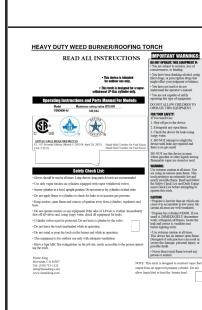
[Flame King FK-4P-01E Propane Burner User Manual and Instructions](#)

Official user manual and instructions for the Flame King FK-4P-01E heavy-duty propane burner. Learn about installation, operation, safety, maintenance, and troubleshooting for outdoor use.



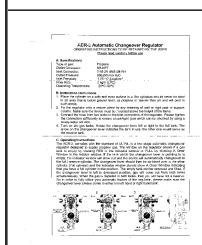
[Flame King YSN340K Auto-Ignition Heavy Duty Roofing Torch: Operating Instructions and Safety Guide](#)

Comprehensive operating instructions, safety warnings, and maintenance guidelines for the Flame King YSN340K auto-ignition heavy duty roofing torch. Learn how to safely connect, operate, and store the propane torch.



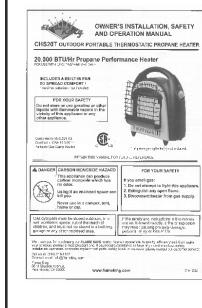
[Heavy Duty Weed Burner/Roofing Torch YSN340K-AI - Operating Instructions and Safety Manual](#)

Comprehensive operating instructions, safety guidelines, and maintenance information for the Flame King Heavy Duty Weed Burner/Roofing Torch, Model YSN340K-AI. Includes connection, lighting, shut-off, and storage procedures.



[ACR-2 Automatic Changeover Regulator Operating Instructions and Specifications](#)

Detailed operating instructions, specifications, installation guide, and safety warnings for the ACR-2 Automatic Changeover Regulator by Flame King. Learn how to safely install and operate your propane gas regulator.



[Flame King CHS20T Outdoor Portable Propane Heater - Owner's Manual](#)

Comprehensive owner's installation, safety, and operation manual for the Flame King CHS20T 20,000 BTU/Hr Outdoor Portable Thermostatic Propane Heater. Includes setup, safety precautions, troubleshooting, and parts list.