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Coleman 2157474

Coleman PEAK1 2-Burner Portable Camping Stove Instruction Manual

Model: 2157474

1. Safety Information

WARNING: For outdoor use only. Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

1.1 Propane Gas Safety

- Use only propane gas.
- Never store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Always ensure adequate ventilation when operating the stove. Do not use in an enclosed space.
- Check all gas connections for leaks before each use. Use a soapy water solution; never use an open flame.

1.2 Carbon Monoxide Hazard

This appliance can produce carbon monoxide, which has no odor. Using it in an enclosed space can kill you. Never use this appliance in an enclosed space such as a camper, tent, car, or home.

1.3 General Precautions

- Keep children and pets away from the stove during operation and while it is cooling down.
- Do not leave the operating stove unattended.
- Always place the stove on a stable, level, non-combustible surface.
- Allow the stove to cool completely before cleaning or storing.
- Do not obstruct the flow of combustion and ventilation air to the appliance.

2. Product Overview

The Coleman PEAK1 2-Burner Portable Camping Stove is designed for outdoor cooking, offering a powerful and

portable solution for various activities. It features two adjustable burners with a total output of 20,000 BTUs, matchless rotary ignition, and a durable design for reliable performance.

2.1 Key Features

- **Dual Burners:** Two independently adjustable burners allow for simultaneous cooking.
- **High Heat Output:** Up to 20,000 total BTUs for efficient cooking.
- **Matchless Lighting:** Rotary ignition for quick and easy startup.
- **Wind Protection:** Integrated pan support helps shield flames from wind.
- **Durable Construction:** Made with alloy steel and removable cast iron pan supports for longevity and easy cleaning.
- **Portable Design:** Slim profile with a foam carry case for convenient transport and storage.



Figure 2.1: Top view of the Coleman PEAK1 2-Burner Stove, showing the two burners, control knobs, and rotary ignition.

3. Setup

Follow these steps to set up your Coleman PEAK1 2-Burner Portable Camping Stove for use.

3.1 Unpacking and Placement

1. Remove the stove from its foam carry case.
2. Place the stove on a firm, level, non-combustible surface outdoors, away from any flammable materials or structures. Ensure there is adequate clearance above and around the stove.
3. Ensure the pan supports are correctly seated on the stove top.



Figure 3.1: The Coleman PEAK1 stove is transported in its slim foam case, designed for easy carrying and storage.

3.2 Connecting the Propane Cylinder

The stove uses a 16 oz. propane cylinder (sold separately).

1. Ensure both burner control knobs are in the 'OFF' position.
2. Screw the propane cylinder onto the regulator connection on the side of the stove. Hand-tighten only; do not overtighten.

3. Check for gas leaks using a soapy water solution. Apply the solution to all connections. If bubbles appear, there is a leak. Tighten connections or replace the cylinder if necessary. Do not operate the stove if a leak is detected.



Figure 3.2: The stove with a 16 oz propane cylinder properly connected, ready for operation.

4. Operation

Once the stove is set up and the propane cylinder is connected, you can begin cooking.

4.1 Lighting the Burners

1. Turn the desired burner control knob slowly counter-clockwise to the 'LIGHT' position. You should hear gas flowing.
2. Immediately press the rotary ignition button. You should hear a click and see the burner ignite.
3. If the burner does not light within 5 seconds, turn the control knob to 'OFF', wait 5 minutes for gas to dissipate, and repeat the lighting procedure.

4.2 Adjusting the Flame

Once lit, you can adjust the flame intensity by rotating the control knob. Turn clockwise for a lower flame and counter-clockwise for a higher flame. The stove features a stair-stepping burner design and added flame holes for faster, more even cooking.

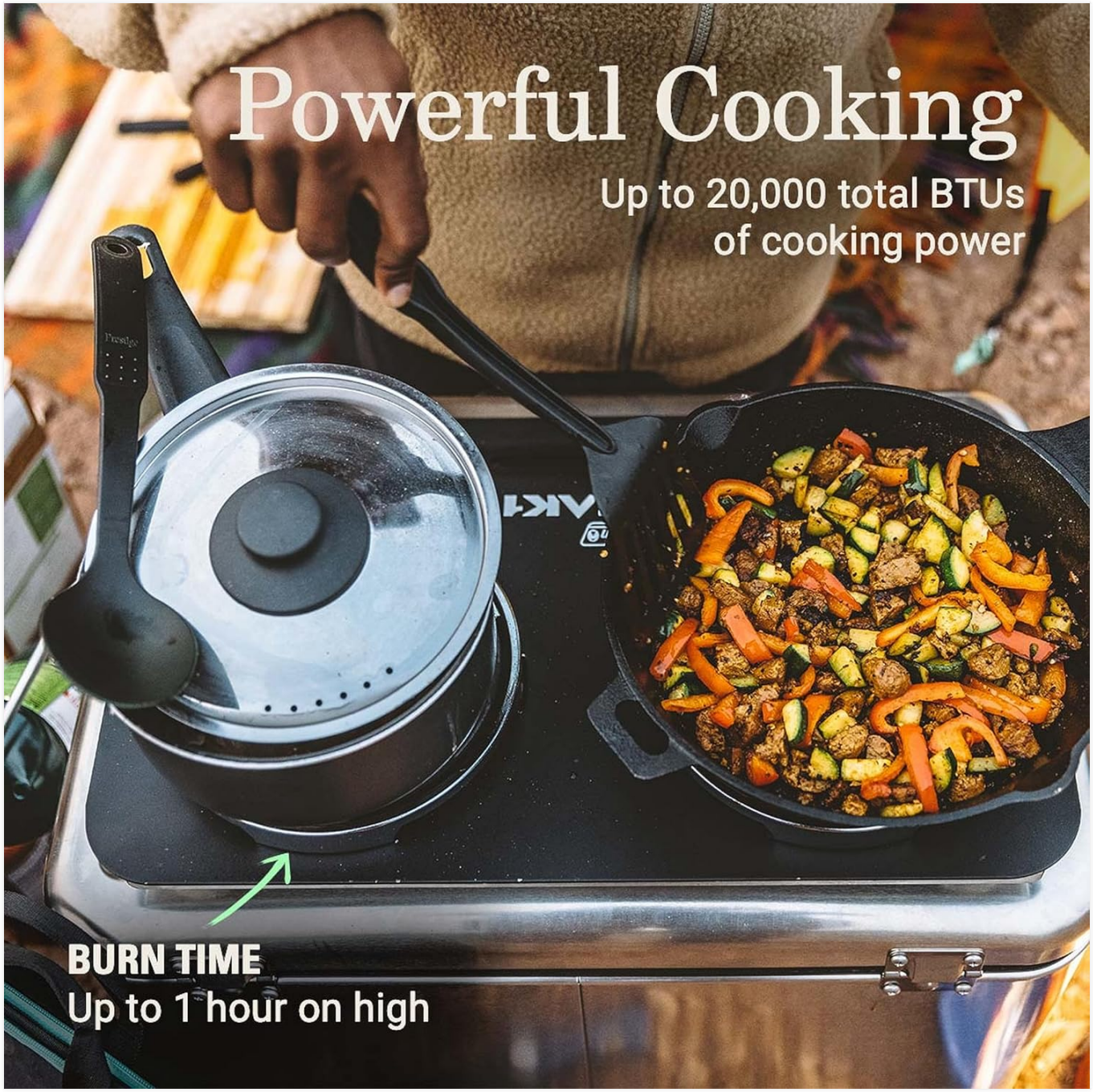


Figure 4.1: The stove in use, showing two dishes being cooked simultaneously with even heat distribution.

4.3 Wind Protection

The integrated pan supports are designed to shield the flames from wind, helping to maintain consistent heat and cooking efficiency. Position the stove to minimize direct wind exposure for optimal performance.

4.4 Shutting Down

When finished cooking, turn both burner control knobs clockwise to the 'OFF' position. Allow the stove to cool completely before disconnecting the propane cylinder or moving the stove.

4.5 Official Product Video

▶ **Watch video online**
coleman peak stove

Video 4.1: An official video demonstrating the features and use of the Coleman PEAK1 2-Burner Camping Stove, including its easy transport, matchless lighting, even cooking, and wind protection.

5. Maintenance

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

5.1 Cleaning

1. Ensure the stove is completely cool before cleaning.
2. Remove the cast iron pan supports for easier cleaning. These can be washed with warm, soapy water.
3. Wipe down the stove body with a damp cloth. For stubborn stains, use a mild detergent. Avoid abrasive cleaners that could damage the finish.
4. Ensure all parts are dry before reassembling or storing.



Figure 5.1: The removable cast iron pan support allows for easy cleaning of the stove surface.

5.2 Storage

Store the stove in its original foam carry case in a cool, dry place, away from direct sunlight and sources of ignition. Ensure the propane cylinder is disconnected and stored separately according to its manufacturer's instructions.

6. Troubleshooting

If you encounter issues with your stove, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Burner does not light	No gas flow; empty propane cylinder; clogged burner; faulty igniter.	Check propane cylinder connection; replace empty cylinder; clean burner ports; ensure igniter sparks.

Problem	Possible Cause	Solution
Low flame or uneven flame	Low fuel; partially clogged burner; regulator issue; wind interference.	Replace propane cylinder; clean burner ports; ensure regulator is properly connected; reposition stove away from wind.
Gas odor detected	Gas leak.	Immediately turn off gas supply. Check all connections with soapy water. If leak persists, do not use the stove and contact customer support.

7. Specifications

Feature	Detail
Brand	Coleman
Model Number	2157474
Fuel Type	Propane
Material	Alloy Steel
Product Dimensions (L x W x H)	21.5" x 5" x 17.5"
Item Weight	4.76 Kilograms
Maximum Energy Output	20,000 BTU per Hour
Included Components	Stove, Carrying Case
UPC	076501247398

8. Warranty and Support

8.1 Warranty Information

This Coleman PEAK1 2-Burner Portable Camping Stove comes with a**5-year limited warranty**. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

8.2 Customer Support

For further assistance, technical support, or warranty inquiries, please contact Coleman customer service. Refer to the contact information provided with your product packaging or visit the official Coleman website.

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