

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Coleman](#) /

› [Coleman Premium 700L Dual-Fuel Lantern with Adjustable Brightness & Carry Case, Mantles & Filter Funnel Included, Great for Camping, Hunting, Power Outage, Emergencies & More](#)

Coleman 3000000945

Coleman Premium 700L Dual-Fuel Lantern

Model: 3000000945

Brand: Coleman

INTRODUCTION

The Coleman Premium 700L Dual-Fuel Lantern is designed to provide reliable and adjustable illumination for various outdoor activities and emergency situations. Its dual-fuel technology allows it to operate efficiently on either Coleman Liquid Fuel or unleaded gasoline, offering flexibility and cost-effectiveness. With a high output of 700 lumens and an adjustable dimmer, this lantern ensures optimal lighting for your needs. It is built for durability and consistent performance, even in challenging conditions.

This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your Coleman Dual-Fuel Lantern.

SAFETY INFORMATION

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Always read and understand all instructions and warnings before operating this lantern. Failure to follow these instructions can result in fire, explosion, serious injury, or death.

- **Carbon Monoxide Hazard:** This lantern produces carbon monoxide, which is an odorless and colorless gas that can kill you. Do not use this lantern indoors, in tents, campers, vehicles, or any unventilated or partially enclosed areas. Ensure adequate ventilation when operating. Consider using a carbon monoxide detector.
- **Fire and Burn Hazard:** The lantern becomes extremely hot during operation. Keep flammable materials, children, and pets away from the lantern. Do not touch hot surfaces. Allow the lantern to cool completely before handling or storing.
- **Fuel Handling:** Use only Coleman Liquid Fuel or unleaded gasoline. Never use white gas, kerosene, or other fuels not specified. Refuel only when the lantern is cool and in a well-ventilated outdoor area, away from open flames or ignition sources. Avoid overfilling.
- **Mantle Fragility:** Mantles are fragile and can break easily. Handle with care. Always ensure mantles are properly installed and burned off before initial use.
- **Storage:** Store fuel in an approved container in a cool, well-ventilated area, away from living spaces and ignition sources. Store the lantern in its durable carry case when not in use.

PACKAGE CONTENTS

Verify that all items are present in your package:

- Coleman Premium 700L Dual-Fuel Lantern
- Durable Carry Case
- 2 String Tie #21 Mantles
- Filter Funnel



Image: The Coleman Dual-Fuel Lantern shown alongside its protective green carry case.

SETUP

1. Installing Mantles

1. Carefully remove the ventilator and globe.
2. Attach the two #21 string-tie mantles to the burner caps, ensuring they are securely tied.

3. Burn off the mantles: Using a match or lighter, carefully ignite the mantles. They will burn brightly and then turn into a fragile white ash. Allow them to cool completely.
4. Carefully replace the globe and ventilator.





Image: A close-up view of the Coleman Dual-Fuel Lantern, highlighting the glowing mantles inside the clear globe.

2. Fueling the Lantern

- Ensure the lantern is cool and the fuel valve is in the "OFF" position.
- Unscrew the fuel cap slowly to release any pressure.
- Using the provided filter funnel, carefully pour Coleman Liquid Fuel or unleaded gasoline into the fuel tank. The tank capacity is approximately 1.3 pints. Do not overfill.
- Securely replace the fuel cap.

3. Pressurizing the Tank

- Locate the pump plunger on the side of the fuel tank.
- Turn the plunger counter-clockwise to unlock it, then pull it out fully.
- Place your thumb over the hole at the end of the plunger and pump approximately 30-50 times until resistance is

felt. The tank should feel firm.

- Push the plunger in and turn it clockwise to lock it.

OPERATING THE LANTERN

1. Lighting Procedure

1. Ensure the tank is pressurized (as per setup instructions).
2. Turn the fuel valve knob to the "LIGHT" position (usually a quarter turn). You may hear a hiss of fuel vapor.
3. Immediately apply a lit match or lighter to the mantles. The mantles should ignite.
4. Once the mantles are glowing steadily, slowly turn the fuel valve knob to the "ON" position to achieve full brightness.
5. If the lantern flickers or dims, pump the tank a few more times to maintain pressure.



Image: The Coleman Dual-Fuel Lantern providing bright illumination in an outdoor environment, likely during camping.

2. Adjusting Brightness

The lantern features an adjustable dimmer knob. Rotate the knob to increase or decrease the light output as desired. The lantern provides up to 700 lumens on high setting.

3. Turning Off the Lantern

- Turn the fuel valve knob to the "OFF" position. The flame will extinguish.
- Allow the lantern to cool completely before moving or storing.

MAINTENANCE

- **Mantle Replacement:** Mantles are consumable and will eventually break or wear out. Always carry spare #21 string-tie mantles. Replace them as needed by following the installation steps in the Setup section.
- **Cleaning:** Periodically clean the exterior of the lantern with a damp cloth. For internal components, refer to advanced maintenance guides or professional service if needed. Avoid using abrasive cleaners.
- **Generator Maintenance:** If the lantern's performance degrades (e.g., dimming, flickering, or difficulty lighting), the generator may need cleaning or replacement. Consult the manufacturer's specific instructions for generator maintenance.
- **Fuel System:** Ensure the fuel cap and pump plunger are clean and free of debris to maintain a proper seal and pressure.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lantern is dim or flickers.	Insufficient tank pressure; clogged generator; worn mantles.	Pump the tank 10-20 more times; clean or replace generator; replace mantles.
Difficulty lighting.	Insufficient pressure; fuel valve not fully open; cold weather affecting fuel vaporization.	Ensure adequate pressure; turn valve to "LIGHT" fully; pre-heat generator if necessary (refer to advanced user tips).
Flare-ups during lighting.	Too much fuel released before ignition; generator not hot enough.	Ensure quick ignition after opening valve; allow mantles to burn off completely before first use.
Mantles break easily.	Rough handling; old or defective mantles.	Handle lantern with care, especially when moving; replace with new mantles.

SPECIFICATIONS

- **Model Number:** 3000000945
- **Luminous Flux:** 700 lumens on high
- **Fuel Type:** Coleman Liquid Fuel or Unleaded Gasoline
- **Fuel Tank Capacity:** Approximately 1.3 pints
- **Runtime:** Up to 7 hours on high (per tank)
- **Item Weight:** Approximately 1 pound
- **Product Dimensions:** 16.1 x 14.2 x 6.8 inches
- **Included Components:** Lantern with case, 2 mantles, filter funnel
- **UPC:** 076501214222

WARRANTY AND SUPPORT

This Coleman Premium 700L Dual-Fuel Lantern comes with a **3-year limited warranty**. For detailed warranty information, including terms, conditions, and how to make a claim, please refer to the manufacturer's official website or contact Coleman customer service.

For product support, replacement parts, or additional inquiries, please visit the official Coleman website or contact their customer support line. Keep your purchase receipt as proof of purchase for warranty purposes.

Visit the [Coleman Store on Amazon](#) for more products and information.