

**B. IF LANTERN DOES NOT LIGHT AT ALL—**

**CAUSE:** No fuel, lack of air pressure.  
**REMEDY:** See that Fount contains clean fuel and then pump in 20 to 30 full strokes of air.

**CAUSE:** Generator stopped up by dirt and carbon  
**REMEDY:** Put in complete new Generator.

**C. IF LIGHT GROWS DIM RAPIDLY OR GOES OUT SUDDENLY—**

**CAUSE:** Fount may leak.

**REMEDY:** Pump up Fount and place in bucket of water to test for leak. If bubbles come from Filler Plug put in new Filler Plug Gasket, or get a new Filler Plug complete. If bubbles come from around the bushing where Valve Body screws into Fount, be sure connection is tight. If leak continues send Lantern less Mica and Ventilator to nearest Coleman Office for servicing, or ask your DEALER to send it for you.

**D. IF A LEAK DEVELOPS AT LOWER END OF GENERATOR—**

**CAUSE:** Jam Nut not threaded properly on Fuel Valve Body.

**REMEDY:** Close Fuel Valve. Then tighten Jam Nut at bottom of Generator with a wrench. If leak continues, put on a new Jam Nut. If new Jam Nut fails to stop leaking, then trouble is with Fuel Valve Body, which should be replaced by a new one.

**E. IF GENERATOR LASTS ONLY A SHORT TIME—**

**CAUSE:** May be dirty Gasoline.

**REMEDY:** Clean Fount thoroughly. Strain gasoline when filling Fount (See Paragraph No. 1).

**F. IF MANTLE TURNS BLACK—**

**CAUSE:** Air Intake Tube or Mixing Chamber may be stopped up.

**REMEDY:** Clean Air Intake Tube and Mixing Chamber with a stiff wire, then use air to blow out dirt

**CAUSE:** Dirty Burner Cap Screen.

**REMEDY:** Unscrew Burner Cap and clean the screen, or replace Burner Cap and Screen with a new one.

**CAUSE:** Hole in Gas Tip may be enlarged.

**REMEDY:** Put on new Gas Tip.

**CAUSE:** Mantle used may be of inferior quality

**REMEDY:** Always use Coleman Junior Mantles.

**G. IF BURNER PUMP DOES NOT WORK—**

**CAUSE:** Pump Leather may be dry.

**REMEDY:** Remove Pump Plunger and soften Pump Leather with oil

**CAUSE:** Pump Leather worn out.

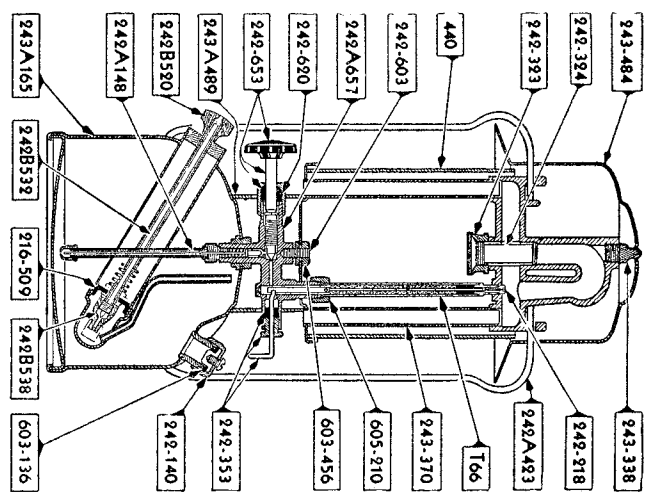
**REMEDY:** Put on a new Pump Leather.

**CAUSE:** Check ball in Check Valve stuck.

**REMEDY:** Remove Pump Plunger. Insert screw driver in Pump Barrel. Unscrew and remove Check Valve. Wash thoroughly in clean gasoline and replace. If Pump still does not work, replace Check Valve with a new one.

**REPAIR PARTS LIST FOR**

**COLEMAN**  
 Instant - Lighting  
**Lantern No. 243A**



Order By Number	Name of Part	Net Retail Price
440	Generator (Gas Tip Marked "6") (242-299)	\$0.45
446	Mica Globe	.50
216-509	Pump Leather	.06
242-140	Filler Plug Complete	.30
242-218	Gas Tip (Marked "6")	.06
242-323	Burner Cap & Screen	.30
242-324	Burner Tube	.15
242-353	Tip Cleaner Stem Complete	.15
242-603	Frame to Valve Connection Stud	.06
242-620	Valve Stem Packing	.03
242-653	Valve Stem Complete	.30
242A148	Fuel and Air Wire Complete (Fuel Tip Marked "1")	.36
242A423	Bail	.36
242A657	Valve Complete	1.80
242B520	Pump Plunger Complete (Less Air Stem)	.45
242B532	Air Stem	.18
242B538	Check Valve	.18
243-338	Ventilator Pin	.06
243-370	Burner Complete	1.50
243-484	Ventilator	.75
243A165	Fount Complete	2.40
243A489	Globe Base Rest	.18
603-136	Filler Plug Gasket	.03
603-156	Hexagon Brass Nut (1/4" - 16)	.03
605-210	Jamb Nut	.03

Repair Parts in Canada slightly higher in Price on Account of Customs Duty.

"Prices Subject to change without notice"

**DIRECTIONS**  
 For Care and Operation

**Coleman**  
 Instant-Lighting  
**LANTERN**  
**No. 243A**



**The Coleman Lamp and Stove Company**

Made in United States of America  
 General Offices: Wichita, Kans., U. S. A.  
 Factories: Wichita, Kans., Toronto, Canada,  
 Sales Offices: Chicago, Philadelphia, Los Angeles, Portland, Ore.,  
 Honolulu, Hawaii, Toronto, Canada, London, England

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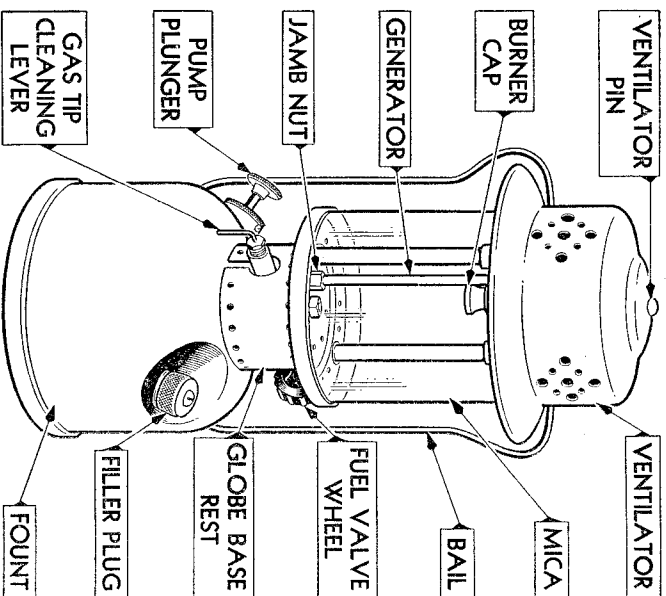
# SAVE THESE DIRECTIONS FOR FUTURE REFERENCE

## DIRECTIONS FOR OPERATING

# Coleman

Instant-Lighting  
LANTERN

Your new Coleman Instant-Lighting Lantern is designed to deliver for your pleasure and convenience the wonderful brilliance of light for which all Coleman Lanterns are famous.  
Carefully follow these operating instructions to insure receiving many years of dependable, carefree service.



### 1. TO FILL FOUNT

**CAUTION:** It is best to fill the Lantern out-of-doors and in daylight so as to avoid having open fuel inside the building.  
Be sure Fuel Valve is closed. Remove Filler Plug and fill Fount with fresh, clean, untreated gasoline. Do not tip Lantern while filling. When setting level it cannot be overfilled.  
We suggest the use of the Coleman Filtering Funnel for straining the gasoline. Your Dealer can supply you. As soon as Fount is filled, replace Filler Plug and tighten with fingers.

### 2. TO PUMP LANTERN:

See that Fuel Valve is closed. Then open air check valve inside of pump barrel by turning Pump Plunger two full turns to left.  
Place ball of thumb over small hole in end of Pump Plunger and pump 20 to 30 full strokes of air into Fount.  
Now, turn Pump Plunger to right, seating air stem in check valve. Remove thumb and push Pump Plunger into Pump Barrel.  
Good **PRESSURE** is important. Keep pump leather soft with a few drops of oil.

### 3. TO PUT ON MANTLE:

Remove bail by spreading it apart. Then remove Ventilator and Mica Globe.  
Tie Mantle to groove in Burner Cap with flat side of Mantle parallel to Generator.  
Distribute folds of Mantle evenly at top and cut off surplus string.  
Then burn off Mantle. Apply match to bottom of Mantle. Allow Mantle to cool several minutes before Lighting Lantern.  
Replace Mica, Ventilator and Bail.

### 4. TO LIGHT LANTERN:

(a). At base of the Lantern frame you will note the Gas Tip Cleaning Lever.  
When turned around this Lever causes the Gas Tip Cleaning Needle inside the Generator to work up and down. This keeps the Gas Tip clean and open.  
Turn the Lever several revolutions before lighting. Be sure Lever is left pointing down so Cleaning Needle will be pulled out of Gas Tip.  
(b). Have a match handy ready to light. Now open the Fuel Valve one-fourth turn only. Then light match and hold it under the mantle. It may require a few seconds for the gas to reach the mantle.  
After Mantle burns bright—open Fuel Valve as far as possible.

This is important and must be done in order to get good light. It is impossible to open the fuel valve too far.

The gas tip cleaning lever may and should be operated while Lantern is burning. Should Lantern fail to burn bright after fuel valve is wide open, turn gas tip cleaning lever rapidly two or three times.

**Note:** The light may flicker for a few seconds after lighting but it will soon steady down. After lighting Lantern, pump in additional pressure to insure long operation.

### 5. TO TURN OUT LIGHT:

Turn Fuel Valve to right until closed. The light will dim and go out in a few seconds.

### 6. TO CHANGE GENERATOR:

Remove bail by spreading it apart. Then remove Ventilator and Mica Globe.  
Be sure Fuel Valve is closed. Then turn Gas Tip Cleaning Lever up. Unscrew Jamb Nut at lower end of Generator.  
Lift Generator up and unhook Gas Tip Cleaning Needle. Then pull Generator with Cleaning Needle down and out.

### 7. TO INSTALL NEW GENERATOR:

First, pull Cleaning Needle down against stop in Generator. Hold Generator in upright position. Push Generator through opening in Mixing Chamber and hook Cleaning Needle in hole of Eccentric Block. Now turn Gas Tip Cleaning Lever down. Seat Generator properly. Screw Generator Jamb Nut down, tightening with wrench.  
Replace Mica Globe, Ventilator and Bail. Be sure Bail is in holes in Mixing Chamber.

### 8. TO KEEP FOUNT CLEAN:

It is a good plan to drain the Fount each time before filling. The Fount should be given a thorough rinsing with clean, fresh gasoline at least once a month. This removes any stale, dirty gasoline and sediment which might otherwise stop up the Generator and cause difficulty in operation.  
Simply remove the Filler Plug and drain Fount through Filler Plug Opening.  
Your Lantern will light easier and better on fresh, clean gasoline.

## SUGGESTIONS

About Care and Use of Coleman Instant-Lighting Lantern  
Model No. 243A

A IF LANTERN BLAZES UP AND SMOKES WHEN YOU LIGHT IT—

**CAUSE:** Lighting Lantern in half-hot condition. This is not serious. Close Valve and the flame will burn out in a few seconds, and will be followed by full brilliance. Then open Valve again as Mantles begin to dim.

**REMEDY:** Read and follow directions given in Paragraph 4.

**NOTE:** See suggestions "F" for other causes.