

## SUGGESTIONS

at Care and Use of Coleman Junior  
Anti-Lighting Lantern Model No. 242

antenn Blazes up and Smokes When You Light

se: Lighting Lantern in half-hot condition.  
is nothing serious as the flame will burn out  
few seconds and will be followed by full  
lance.

edy: Read and follow directions given in Para-  
h 4.

z: See Suggestion "F" for other causes.

ntern Does not Light at All:

se: No fuel, lack of air pressure.

edy: See that Fount contains clean fuel and  
pump in 20 or 30 strokes of air into Fount.

se: Generator stopped up by dirt or carbon.

edy: Put in complete new Generator.

ight Grows Dim Rapidly or Goes out Suddenly:

se: Fount may leak air.

edy: Pump up Fount and place in bucket of  
er to test for air leak. If bubbles come from  
ar Plug, put in new Filler Plug Gasket, or get  
w Filler Plug complete. If bubbles come from  
nd the bushing where Valve Body screws into  
nt, be sure connection is tight. If leak con-  
es, send Lantern less Pyrex Glass Globe, Bail  
Ventilator to nearest Coleman Office.

Fuel Leak Develops at Lower End of Genera-

se: Jamb Nut not threaded properly on Fuel  
re Body.

edy: Close Fuel Valve. Tighten Jamb Nut at  
om of Generator with a wrench. If leak con-  
es, put on a new Jamb Nut. If new Jamb Nut  
: to stop leak, then trouble is with Fuel Valve  
y, which should be replaced by a new one.

enerator Lasts Only a Short Time:

se: May be dirty gasoline.

edy: Clean Fount thoroughly. Strain gasoline  
n filling Fount.

antle Turns Black:

se: Dirty screen in Burner Cap.

edy: Unscrew Burner Cap and clean screen.  
ossible to clean screen, replace Burner Cap  
Screen with a new one.

uilt-in Pump Does not Work:

se: Pump Leather may be dry.

edy: Remove Pump Plunger and soften Pump  
her with oil.

se: Pump Leather worn out.

edy: Put on a new one.

se: Plunger in Check Valve is stuck.

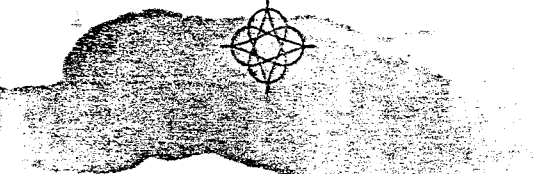
edy: Remove Pump Plunger. Insert screw  
er in Pump Barrel. Unscrew and remove  
k Valve. Wash thoroughly in Gasoline and  
ce. If Pump still does not work, replace  
k Valve with a new one.

Water Gets Mixed With Gasoline:

edy: Clean Fount as outlined in Paragraph 7.

## Three Things

To Do Which Will Help This  
Coleman Junior Lantern Give  
You Better Service and Longer  
Service.



1. Always use a good grade of  
fresh, clean gasoline. DO NOT  
use any of the doped, Ethyl or  
Anti-Knock Gasolines in any  
Coleman pressure gas product.

2. Read and carefully follow in-  
structions given in this Direc-  
tion Folder. If you will do this,  
you will avoid difficulties that  
result from improper operation  
and which are due to no fault of  
the products.

3. Clean out the Fount of the Lan-  
tern every few months. This  
keeps the residue, which col-  
lects in the bottom of the Fount,  
from stopping up the Genera-  
tor.

If Lantern is to be stored away  
or is not used for sometime, re-  
move all Fuel from Fount.

## Coleman Filtering Funnel

(Schuyler Patent)



Much of the difficulty that  
users have with improper gas  
lighting, heating, and cooking  
devices is caused by dirty  
gasoline. Such gasoline quick-  
ly stops up the generators  
and gas tips and the result  
is improper operation. Gas-  
oline decumulates dirt and im-  
purities in handling, and also  
water which is condensed in  
storage tanks. This fore-  
ign matter can be removed  
when the gasoline is strained  
through the new Coleman  
(Schuyler Patent) Filtering  
Funnel.

This funnel is strongly  
made, heavily copper plated and non-corrosive. In  
the bottom of the funnel is a fine-mesh brass wire  
strainer above which is a removable ring covered  
with a special filtering fabric. When this fabric is  
saturated with gasoline, water or dirt will not pass  
through. Furnished in two sizes:

No. 0—Filtering Funnel	\$ .55
Pad For No. 0 Funnel	\$ .30
No. 1 Filtering Funnel	\$ 1.10
Pad For No. 1 Funnel	\$ .60

No.	Diameter	Height	Outlet	Capacity per Min.
0	2½ in.	3¼ in.	⅝ in.	½ Gal.
1	5 in.	6 in.	¾ in.	4 Gals.

## DIRECTION

for Operating

**COLEMAN  
JUNIOR  
LANTERN**  
Instant-Lighting

Model No. 242



The Coleman Lamp and Stove Com.

General Offices: WICHITA, KANSAS  
Branches: Philadelphia, Chicago, Los Angeles  
Factories: Wichita, Chicago, and Toronto, Can.

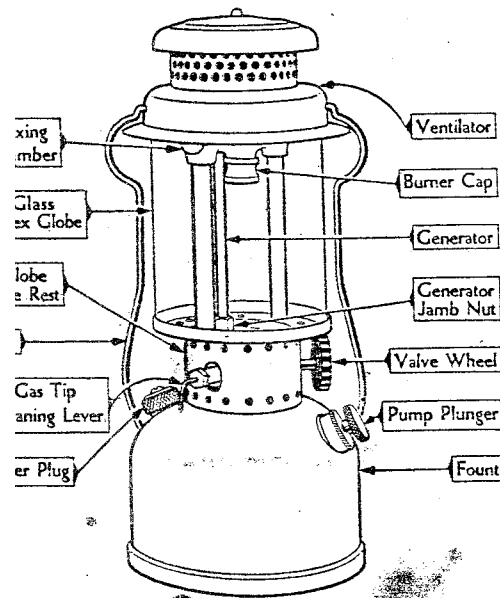
# DIRECTIONS

for Operating

## COLEMAN JUNIOR LANTERN

### Instant-Lighting

Simply follow these directions and you will experience no difficulty in operating your new Coleman Instant-Lighting Lantern and in getting the full brilliant light for which all Coleman Lanterns are famous.



#### To Fill:

Ensure Fuel Valve is tightly closed. Turn Valve wheel to right. Remove Filler Plug and fill Fount with fresh, clean, untreated gasoline. Do not tip lantern while filling. Always let it set flat on its base. 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 firmly with fingers.

#### 2. To Pump:

See that Fuel Valve is closed. Then pump 20 to 30 full strokes of air into Fount. Push Pump Plunger back into Pump Barrel.

Good pressure is important. Keep Pump Leather soft with a few drops of oil.

#### 3. To Put On Mantle:

Pull Bail out of Mixing Chamber and remove Ventilator and Pyrex Glass Globe.

Tie Mantle to groove in Burner Cap with flat side of Mantle toward Generator.

Distribute folds of Mantle evenly at top and cut off surplus string.

Then turn off Mantle following directions on Mantle envelope. Allow Mantle to cool several minutes before lighting Lantern.

Replace Pyrex Glass Globe, Ventilator and Bail. Be sure Bail is in holes in Mixing Chamber.



#### 4. To Light:

(a) At the 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 that Lever is left pointing down.

(b) Have a match handy ready to light. Now OPEN THE FUEL VALVE ONE-FOURTH TURN ONLY. Then light the match and hold it under the Mantle. It may require a few seconds for the gas to reach the Mantle, but when it does the Mantle will light instantly. 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 Generators:

Pull Bail out of Mixing Chamber and remove Ventilator and Pyrex Glass Globe.

Be sure Fuel Valve is closed. Then turn Gas Tip Cleaning Lever up. Unscrew Generator 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.

To Install New Generator with Cleaning Needle: First, pull Cleaning Needle from Generator 1/8", holding Generator in upright position. Push Generator through opening in Mixing Chamber and hook Cleaning Needle in hole of Cleaner Block. Now turn Gas Tip Cleaning Lever down. Seat Generator properly. Screw Generator Jamb Nut down, tightening with wrench.

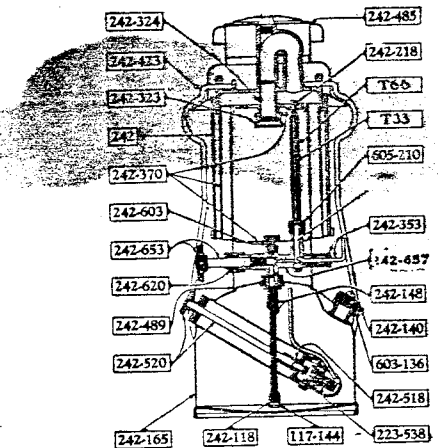
#### 7. Keep Fount Clean:

It is a good plan to drain the Fount each time before filling. The Fount should be given a thorough cleaning at least once a month. This removes yellow dirty gasoline and sediment which stops up the Generator and causes difficulty in operation. Simply remove the Filler Plug and drain Fount through Filler Plug Opening.

Your Lantern will light easier and better on fresh gasoline.

# Parts List for COLEMAN JUNIOR LANTERN

## Instant-Lighting Model No. 242



Repair Parts in Canada slightly higher in price on account of Customs Duty.

Piece No.	Name of Part	Price
T33	Generator Cleaning Needle (242-238)	\$
T66	Generator (Gas Tip Marked "6") (242-299)	
242	Pyrex Glass Globe	
117-144	Tip Protector & Screen	
223-538	Pump Check Valve	
242-118	Fuel Tip (Marked "5")	
242-140	Filler Plug Complete	
242-148	Fuel & Air Wire Complete (Fuel Tip Marked "5")	
242-165	Fount Complete	
242-218	Gas Tip (Marked "6")	
242-323	Burner Cap & Screen	
242-324	Burner Tube	
242-353	Tip Cleaner Stem Complete	
242-370	Frame & Burner Complete	
242-423	Bail	
242-485	Ventilator	
242-489	Globe Base Rest	
242-518	Pump Leather Assembly	
242-520	Pump Plunger Complete	
242-603	Frame to Valve Connection Stud	
242-620	Valve Stem Packing (Ambler)	
242-653	Valve Stem Complete	
242-657	Valve Complete	
603-136	Filler Plug Gasket	2 for
605-210	Jamb Nut	

ICCC/OCP