

**How To Use and Enjoy Your
Coleman Lantern
models 220J195 & 228J195**





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WARNING:

THIS APPLIANCE CONSUMES OXYGEN. PROVIDE AMPLE VENTILATION. ADDITIONAL VENTILATION MUST BE PROVIDED FOR PERSONS AND OTHER FUEL BURNING APPLIANCES OCCUPYING THE SAME ENCLOSED AREA.

Cautions:

1. READ THESE INSTRUCTIONS CAREFULLY.
2. Never loosen or remove fuel cap while lantern is lighted or near open flame, (including pilot lights), excessive heat or while top of lantern is hot to touch.
3. Store fuel in a clean, properly marked, closed metal container away from open flame (including pilot lights) or excessive heat.
4. Never allow tents, sleeping bags, clothing or other combustible materials to come within two feet of the top and one foot on all sides of the lantern.
5. Do not operate lantern if mantle has a hole in it.
6. Do not use any device or part not expressly approved by The Coleman Company, Inc.
7. This lantern is designed as a lighting device only. Do not use in any manner not expressly approved by The Coleman Company, Inc. (such as cover with a bucket.)
8. Do not adjust light output with cleaning needle lever.
9. **KEEP OUT OF THE REACH OF CHILDREN.**

2

To Fill Tank

1. Close valve wheel firmly by turning in direction of arrow. (Fig. 6)
2. Close pump knob firmly by turning to the right. (Fig. 4)
3. Unscrew fuel cap. (Fig. 1)
4. Lantern must be in level position. **DO NOT TIP.**
5. Use a funnel and fill only with Coleman fuel or clean white gas.
6. Replace fuel cap. Tighten firmly. **WIPE UP ANY SPILLED FUEL.**

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Fig. 1

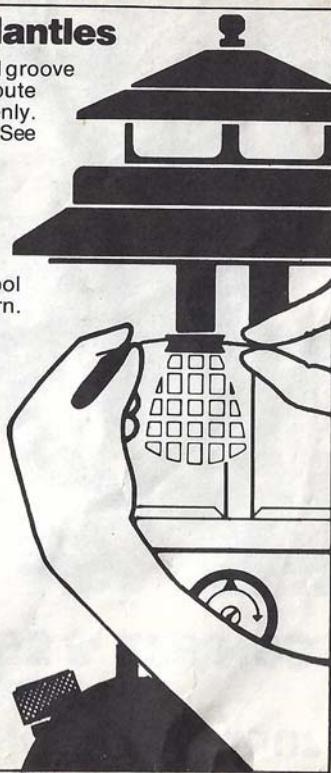
Fig. 2

3

To Tie On Mantles

1. Tie mantles around groove in burner caps. Distribute folds of mantles evenly. Cutoff surplus string (See drawing).
2. Light bottom of mantles evenly. Burn until nothing but white ash remains.
3. Allow mantles to cool before lighting lantern. **ALWAYS USE GENUINE COLEMAN MANTLES.**
4. Assemble lantern.

Fig. 3



4

To Pump

1. Valve wheel and fuel cap must be closed firmly
2. **TEST PUMP.** Close pump knob firmly. Place thumb over hole in pump knob and pump. If you feel little or no resistance, oil or replace pump leather. If pump resists, go on to the next step.
3. Open pump knob one complete turn.
4. Place thumb over hole in pump knob and pump at least 35 full strokes. If tank is not full, more pump strokes are required. **GOOD AIR PRESSURE IS IMPORTANT.** Close pump knob firmly.

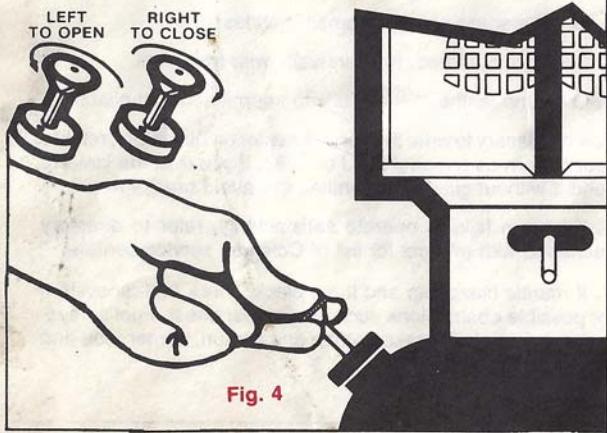


Fig. 4

5

To Light

1. Be sure the cleaning lever is in down position. (Fig. 5)
2. Push lighted match through lighting hole and hold near mantles and **OPEN VALVE WHEEL IN DIRECTION OF ARROW $\frac{1}{4}$ TURN ONLY.** Opening further will cause flooding. Mantles will take a few seconds to light.
3. When mantles glow brightly (no flame), open valve wheel all the way (about $3\frac{1}{2}$ turns).
4. Open pump knob. Pump 15-25 strokes. Close pump knob.
5. Rapidly rotate cleaning lever several times. Leave in down position. Repeat as necessary during operation.
6. Air pressure must be added at intervals. Good air pressure is important. (Step 4)
NOTE: Flames other than at mantles indicate flooding or a leak. Close valve wheel firmly. Permit flames to burn out. Allow lantern to cool. Review instructions and correct problem.



Fig. 5



6

To Turn Off

1. Rapidly rotate cleaning lever several times. Leave in down position.
2. Close valve wheel firmly. Light will dim and go out in a few seconds.



Fig. 6

Always Use The Right Kind Of Fuel

Substances in gasoline which do not vaporize will form carbon in the generator of your lantern. The length of service you get from your lantern and generator depends greatly upon the kind of fuel you use. Use only Coleman Stove and Lantern Fuel or clean white gasoline. Never use fuel containing lead compounds or lubricating oils. Use of lead free gasoline may shorten generator life. Store your fuel in a clean, properly marked, closed metal container.

7

To Replace Generator

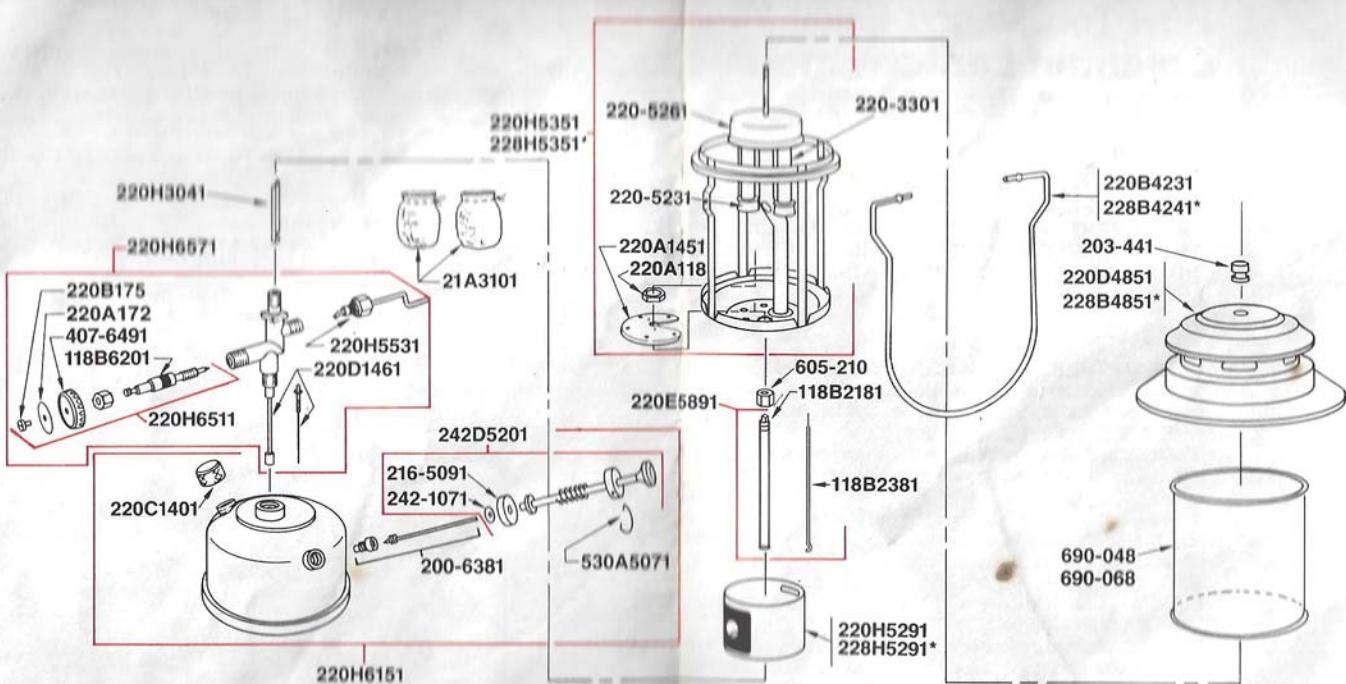
TO REMOVE OLD GENERATOR

1. Close valve wheel firmly.
2. Remove ball nut at top of lantern, lift off ventilator and remove globe.
3. Turn cleaning lever up and unscrew jamb nut at lower end of generator.
4. Lift generator and unhook cleaning rod. Remove generator.
5. Remove jamb nut from old generator and save for new generator.



TO INSTALL NEW GENERATOR

1. Pull cleaning rod down about 1".
2. Place cleaning rod between thumb and forefinger with generator in upright position. Slide jamb nut down over generator.
3. Insert generator into air intake tube and hook cleaning rod in hole of eccentric block. Turn cleaning lever to down position.
4. Tighten jamb nut wrench tight. Be careful not to strip threads. Visually check for leak immediately after lighting.
5. Reassemble lantern.



**Parts List for
Coleman Lantern
models 220J195
& 228J195**

PART NO.	DESCRIPTION		
8B242	Enamel, Fount Green	220H6151	Fount Assy.
21A3101	Mantle	220H6511	Valve Stem Assy.
118B2181	Gas Tip	220H6571	Valve Assy.
118B2381	Needle Assy.	228B4241*	Ball
118B6201	Valve Stem Packing	228B4851*	Ventilator
200-6381	Check Valve & Stem Assy.	228H5291*	Base Heat
203-441	Ball Nut	228H5551*	Burner & Frame Assy
216-5091	Pump Cup	242-1071	Push On Nut
220A172	Direction Disc	242D5201	Pump Plunger Assy
220-3301	Burner Tube (2)	407-6491	Valve Wheel
220-5231	Burner Cap (2)	530A5071	Pump Cap Clip
220-5261	Mixing Chamber	605-210	Jamb Nut
220A118	Frame Nut	690-048	Globe, Clear
220A1451	Washer	690-068	Globe, Amber (Accessory)
220B175	Screw, Valve Wheel	*Special for 228	
220B4231	Ball		
220C1401	Fuel Cap		

*Special for 228

Coleman Lantern Accessories



MODEL 275-764 LANTERN CARRYING CASE is tailored for these Coleman Lanterns: Model 275, Model 220, Model 228.

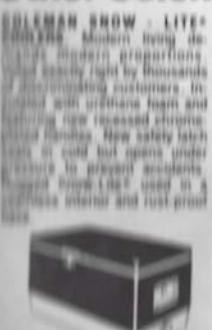
Protects lantern from dents, scratches, broken globes. Adds to life of mantles. Eliminates annoying rattling when you travel. Case won't dent, won't rust. Positive snap-latch keeps case securely closed. Fold-down luggage-type handle is convenient, compact. Case also provides room for funnel, spare generator, extra man-



FILTERING FUNNEL, 199B-1111, aluminum with strainer and filtering fabric. Removes water, dirt, impurities from fuel. Replacement Filter 199-1091.

ACCESSORY SAFE. includes generator wrench, two spare mantles and a generator. Snaps tightly onto base of lantern. 220A7101 for Coleman 220 or 228 Lanterns.

Other Coleman Products



MODEL 615A100 CATALYTIC HEATER. Here's the only way to provide comfortable heat in tents, trailers, campers, duck blinds, ice fishing huts and hundreds of other areas where heat is needed. Two different models, ranging from 3,000 to 8,000 BTU's approximate input. Let's you increase or decrease heat as needed.



MODEL 413G499 CAMP STOVE. Join the fun! Select your favorite model and enjoy delicious food everywhere—and for less cost than restaurant meals. Coleman Camp Stoves fold like a suitcase, cook like a range, and cook meals for days on a tank of Coleman fuel. Available in two- or three-burner models. Also available, Coleman Camp Oven, lets you bake to perfection anywhere, and Teflon Griddle for stove-top grilling.

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- 8. Do not adjust light output with cleaning lever.**
- 9. KEEP OUT OF THE REACH OF CHILDREN.**

Things You Should Know:

- 1. Use only Coleman fuel or clean, fresh, white gas. NEVER USE FUEL CONTAINING LEAD COMPOUNDS OR LUBRICATING OILS. USE OF LEAD FREE GASOLINE MAY SHORTEN LIFE OF GENERATOR.**
- 2. Carry a spare set of Coleman mantles.**
- 3. If lantern is stored, refill annually with fresh fuel.**
- 4. Oil pump leather periodically to keep it soft and pliable.**
- 5. If necessary to write the service center or the factory, refer to your lantern as a model 220J or 228J. If you mail the lantern, send it without glass and ventilator to avoid breakage.**
- 6. If lantern fails to operate satisfactorily, refer to directory packaged with product for list of Coleman service centers.**
- 7. If mantle blazes up and turns black, check fuel-air system for possible obstructions such as a spiders nest. Fuel air system consists of air intake, u-tube and venturi, burner tube and burner cap.**