

OPERATING INSTRUCTIONS  
AND  
PARTS LIST FOR  
**J. C. HIGGINS**  
**GASOLINE CAMP LANTERN**

MODEL NUMBER  
710.74001

The above Number is the Model Number of your Gasoline Camp Lantern and will be found stamped into the metal collar between fount and globe. Always mention this Model Number when communicating with us regarding the lantern or when ordering repair parts.

HOW TO ORDER REPAIR PARTS

All parts shown on the following list and illustrated on the parts diagram may be ordered through any Sears Retail or Mail Order Store. In ordering parts by mail from the Mail Order Store which serves the territory in which you live, selling prices will be furnished on request or parts will be shipped at prevailing prices and you will be billed accordingly.

WHEN ORDERING REPAIR PARTS ALWAYS GIVE THE FOLLOWING INFORMATION:

1. The part number in this list.
2. The part name in this list.
3. The model number of your Lantern.

This list is valuable. It will assure your being able to obtain proper parts service at all times. We suggest you keep it with other valuable papers.

**SEARS, ROEBUCK AND CO.**

1. TO FILL

www.OldColemanParts.com

Document donated by Chris Lavallee

Make sure valve stem (A) is closed tightly to the right. Remove filler plug (B) and fill fount with gasoline. Use any leaded or clear gasoline. You may fill up to level of filler plug (B) and tighten firmly with fingers.

2. AIR PRESSURE

Make sure valve stem (A) is closed tightly. Release Pump piston by unscrewing to the left. Pump 35 to 40 strokes, then screw piston to the right until tight.

3. TO PUT ON AND BURN OFF MANTLE

Remove bail, hood, and glass globe. Tie mantle to groove in burner cap with flat side of mantle parallel to generator so that it will not touch the generator. Distribute folds of mantle evenly; cut off surplus asbestos string. Light bottom of mantle evenly with a match; let it burn until nothing but the white ash remains; let mantle cool off a minute before lighting the lantern.

4. TO LIGHT

Be sure that:

- 1. The fount contains fuel.
- 2. That valve stem (A) is closed tightly.

Now turn gas tip cleaning lever (G) several revolutions; be sure that lever (G) is left pointing downwards.

- 3. Air pressure has been pumped into the fount.

Open valve stem (A) 1/4 turn only. You will hear a hissing noise, then your lighted match should be held under the mantle through lighter hole (H). When generator packing is saturated with gasoline you will hear a spitting noise and mantle will light. The light may flicker for a short time before steadying down. NOW IT IS ESSENTIAL TO OPEN VALVE STEM (A) AS FAR AS POSSIBLE UNTIL IT STOPS. Pump in more air after lighting. If valve stem (A) is turned out as far as possible too soon the generator may not be fully generated and lantern will flare up. Close stem completely and immediately open 1/4 turn.

5. TO TURN OUT LIGHT

Turn valve stem (A) to right until closed. Before going out, it may pop a few times. To stop this, turn cleaning lever (G) up. This also lengthens life of mantle.

6. TO REMOVE GENERATOR

Remove bail, hood, and glass globe. Remove cap screw in center of bottomplate, then lift off plate and burner head assembly. Remove air tube and mixing assembly. Turn tip cleaner lever up. Unscrew generator jam nut, lift up generator and unhook needle from cleaner link. Be careful not to bend or break the needle point when removing or inserting new needle into generator.

7. REPLACING GENERATOR

Be sure to avoid damaging generator parts. Be sure to hook cleaning needle correctly in link, and when lowering generator tube, hold tube perfectly vertical so as to avoid damaging the seat. Screw down generator jam nut with thumb and forefinger. Operate cleaning lever (G) and see that needle is coming through orifice. After lantern is reassembled it is best to tighten generator jam nut last to get a good line-up.

8. FUEL

Always use clean, fresh leaded or unleaded fuel. Funnel with strainer will prevent sediment from entering tank.

Clean fount at least once a month and drain fount through filler plug opening. This removes old, stale and dirty fuel and heavy sediment which causes rapid carbonization of generator.

9. PUMP

Keep pump leather soft with a few drops of oil every month.

10. MANTLES

For most efficient light, use Sear Catalog Number 7116 Replacement Mantles.

11. AUTOMATIC TIP CLEANER

When tip cleaner is revolved, the cleaning needle inside the generator is forced up and down through the generator gas tip, cleaning the gas tip orifice. The cleaner lever should be operated when lighted lantern fails to burn bright after valve stem (A) is wide open.

12. WHEN PUTTING OUT LANTERN

It is a mistake to put out the lantern through turning cleaning needle lever up - this is not a positive shut-off, the light will go out, but fuel will continue to pass through the generator. For the correct way to put out lantern, see paragraph 5 of instructions.

READ CAREFULLY THESE INSTRUCTIONS FOR OPERATING PUMP

TO OPERATE PUMP - Make sure valve stem (A) is closed tightly. Release the pump piston (C) by unscrewing to the left. Pump 35 to 40 strokes, then screw piston to the right until tight.

The pump check is in the lower end of the pump. The check is not a positive shut-off but serves to hold the air after each stroke during the pumping operation. Then when the piston is screwed down tight, it serves as the positive shut-off.

IF PUMP DOES NOT WORK

Possible Cause: Pump Leather may be dry.

TO CORRECT: Remove pump plunger and apply a few drops of oil to pump leather. If it is worn out, replace with a new one.

CAUTION: Be sure the edge of the leather is not turned back when inserting it into the cylinder.

Possible Cause: Ball in Check Valve is stuck.

TO CORRECT: Remove pump plunger - unscrew check valve with a screwdriver, wash thoroughly in gasoline; make sure the check ball has "play" in seat - if pump still does not work, replace Check Valve with new one.

IMPORTANT!

Before lantern is used, tighten valve stem nut with wrench because packing in valve stem may shrink and cause leak.

PARTS LIST

Part No.	Description	Shipping Wght.	
		Lbs.	Oz.
K363	Washer		2
S2883	Pump Check		2
S4845	Air Mix. Tube		3
S4850	Air Mix. Chamber Assembly		3
S4883	Needle & Shank Assembly		3
S4885	Bunsen Tube		3
S4905	Cutoff Assembly		6
S4959	Support Rod		3
S5099	Bottom Plate		14
S5208	Valve Complete		14
S5263	Hood Stud		3
S-6056-1	Collar		14
S9437	Plunger & Handle Assembly		8
S9741-1	Fount with Check Assembly	2	4
A6275	Pump Piston Assembly		10
2-146	Spring		2
2-148	Spring		3
2-161	Pump Leather		3
2-212-1	Porcelain Reflector	1	8
3-61	Nut		3
3-215	Screw 4-36 x 1/4		2
3-251	Nut 10-32 NS-2		2
S7772	Spreader		2
3-515	Cap Screw 1/4-20 x 3/8		2
393-033	Eccentric Link		3
396-221	Bail		14
441-032	Pump Cap		4
443-014	Jam Nut		3
443-056	Hood Knob		3
447-015	Valve Body Forging		10
447-018	Burner Casting		14
448-029	Fuel & Air Tube Assembly		3
448-030	Eccentric Complete		3
446-040	Filler Plug Gasket		3
448-056	Filler Plug Valve Cap Assembly		6
458-112	Fuel Needle Assembly		3
7110	Generator Assembly		6
7116	Mantle (not illustrated)		2
7117	Glass Globe	1	10

