

**PARTS LIST
FOR**

SEARS
ROEBUCK AND CO

LANTERNS

476.74060 and 476.74070

CODE	PART NO.	DESCRIPTION
1	690-048	Globe (Clear) (See Catalog Items Below)
2	261-4851	Ventilator *
3	260-4851	Ventilator
4	203-441	Ball Nut
5	220B3991	Burner Complete
6	220E5891	Generator (See Catalog Items Below)
7	220B4981	Frame and Bail Ass'y
8	228B4981	Frame and Bail Ass'y *
9	260-6571	Valve Complete
10	260-1461	Tube Ass'y
11	220-6361	Gasket and Disc (Filler Cap)
12	220C1401	Filler Cap (Complete)
13	200A5201	Plunger Ass'y
14	530A5071	Pump Cap Clip
15	216-5091	Pump Cup
16	200-533	Air Stem
17	242B5381	Check Valve
18	260-1651	Fount Complete
19	260-4291	Globe Base Rest
20	261-4291	Globe Base Rest *
21	1098-0005	Machine Screw
22	260-619	Disc
23	407-6491	Valve Wheel
24	118B6201	Packing (Valve Stem)
25	260-6531	Valve Stem Ass'y
26	021A	Mantles (See Catalog Items Below)
27	220B3261	Mixing Chamber
28	220B340	Ventilator Rod
29	1143D0605	Self-Tapping Screw
30	101-324	Tube (Burner)
31	112-3231	Burner Cap and Screen
32	220B3221	Tube
33	605-210	Jamb Nut
34	118A3041	Eccentric Block
35	1143D0604	Self-Tapping Screw
36	104-147	Nut
37	220B3571	Cleaner Ass'y
38	220B3531	Stem (Tip Cleaner)

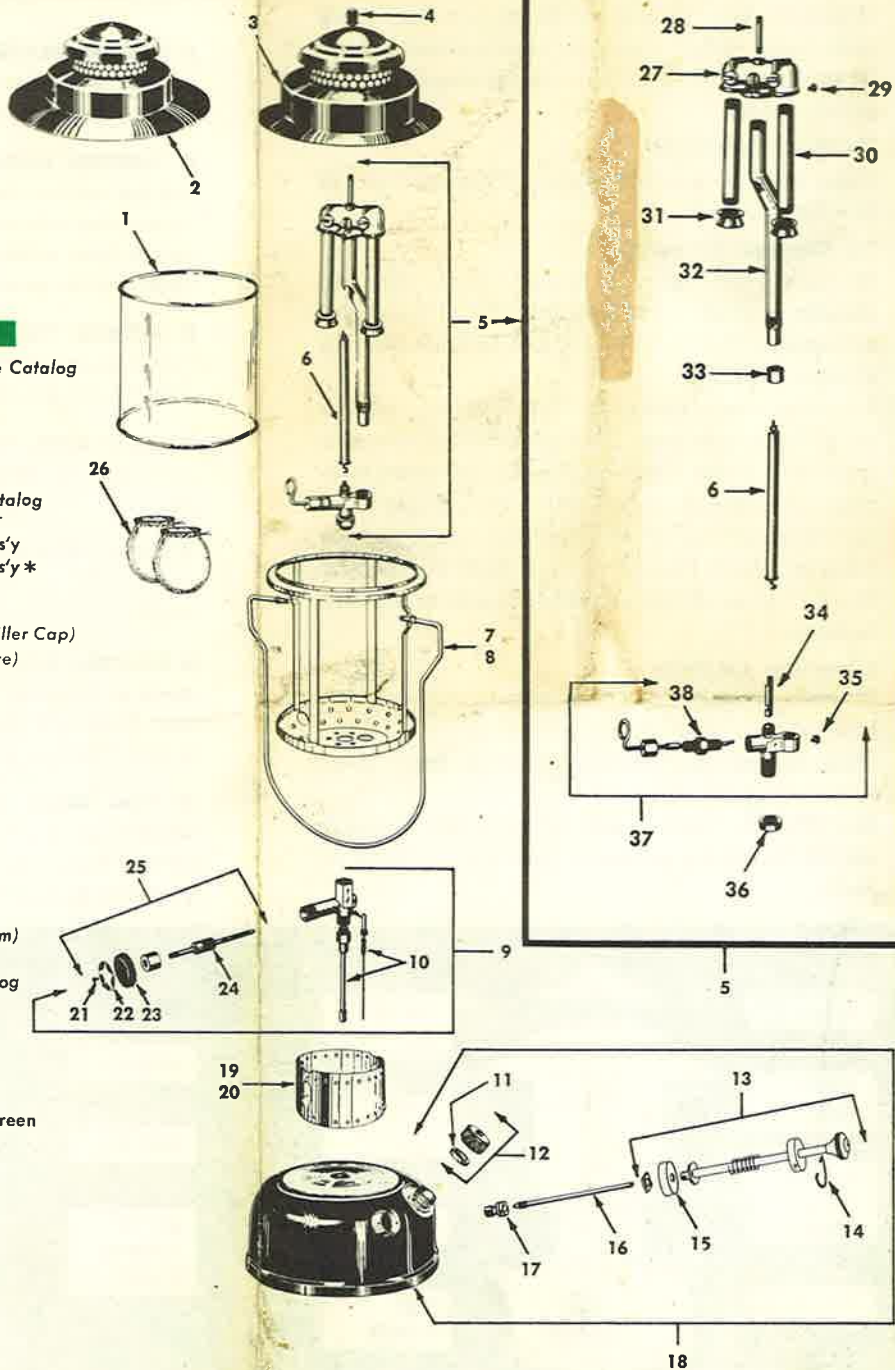
* Parts special to Model 476.74070

CATALOG ITEMS

1	7118	690-048	Globe (Clear)
6	7114	220E5891	Generator
26	7116	021A	Mantles

These parts available at your nearest Sears retail store or catalog sales office

SEE YOUR AUTHORIZED SERVICE STATIONS FOR REPAIR PARTS



413 G > Coleman
426 B

**DIRECTIONS
FOR
OPERATING
AND
SERVICING**

SEARS
ROEBUCK AND CO

LANTERNS



**Model
476.74060**



**Model
476.74070**

TO OBTAIN SATISFACTORY RESULTS, READ AND FOLLOW THESE INSTRUCTIONS CAREFULLY
STEP BY STEP

HOW TO USE YOUR 476.74060 and 476.74070 LANTERNS

Follow the directions and use only clean, fresh "White" unleaded gasoline for long, trouble-free service.

To Fill

Close fuel valve tightly to the right. Remove Filler Cap and fill lantern with 2 pints of fresh, clean fuel. Never use fuel containing lead compounds or lubricating oils. Lantern should sit level all during filling. Fuel for the lantern should be strained through several thicknesses of finely woven cloth. After filling, replace Filler Cap and tighten firmly with fingers.

To Pump

Fuel Valve and Filler Cap must be closed firmly. Turn Pump Plunger 2 turns to the left. Place thumb over small hole in end of Pump Plunger and pump 35 to 40 full strokes of air into lantern. Good pressure is important. Now turn Pump Plunger clear to right until tight and push it clear down. Oil Pump Leather occasionally to keep it soft and pliable.

To Tie On Mantles

Remove nut at very top of lantern. Lift off the ventilator and take out the Pyrex Glass Globe.

1. Tie mantles around grooves in burner caps, cutting off excess string.
2. Distribute folds of mantles evenly around burner cap so they will not touch generator. Flat side of mantles should face generator.
3. Light bottom of mantles evenly with a match, letting them burn until nothing but the white ash remains.
4. Light the lantern using the following instructions. Good air pressure in the fount is necessary to properly shape a new mantle.

To Light

Rotate the Cleaning Needle Lever at base of frame. Several turns will clean the Generator Tip. Leave lever pointing down.

Open Fuel Valve *one-fourth* turn. Push lighted match through lighter hole and hold it under mantles. Mantles will light instantly when air and gas mixture reaches them. When Mantles burn brightly, open Fuel Valve *all the way to the left*.

Opening all the way is important. Pump in additional pressure to insure long operation.

If lantern does not burn brightly with Fuel Valve wide open, rotate Cleaning Needle Lever several times. Lantern may flicker a bit but should quickly steady down.

To Turn Out Light

Close Fuel Valve firmly. Light will dim and go out in a few seconds.

To Change Generators

Be sure Fuel Valve is closed. Turn Cleaning Needle lever up. Unscrew Jamb Nut at lower end of Generator. Lift Generator and unhook Gas Tip Cleaning Needle.

To install new Generator: Pull Cleaning Needle down about one inch. Slide Jamb Nut down over generator. Place Cleaning Needle between forefinger and thumb with Generator in upright position. Push gas tip end of Generator into Air Intake Tube and hook Needle through hole in Eccentric Block. Tighten Jamb Nut only enough to prevent leakage.

Cleaning Lantern

Rinse Fount occasionally with clean fuel to remove sediment or moisture accumulations.

Clean Burner Cap Screens with small brush prior to installing new mantles.

EMPTY FUEL if lantern will not be used for several weeks. Emptying prevents gum accumulation in Fount.

GENERAL SUGGESTIONS

IF LANTERN BLAZES AND SMOKES more than a few seconds when first lit, then close valve and reopen one fourth turn as soon as light dims.

IF LANTERN DOES NOT LIGHT, check air pressure and fuel content. Remove Generator and unscrew Gas Tip to make sure point of needle has not been bent or curled. Open valve slightly to make sure gasoline will come through valve.

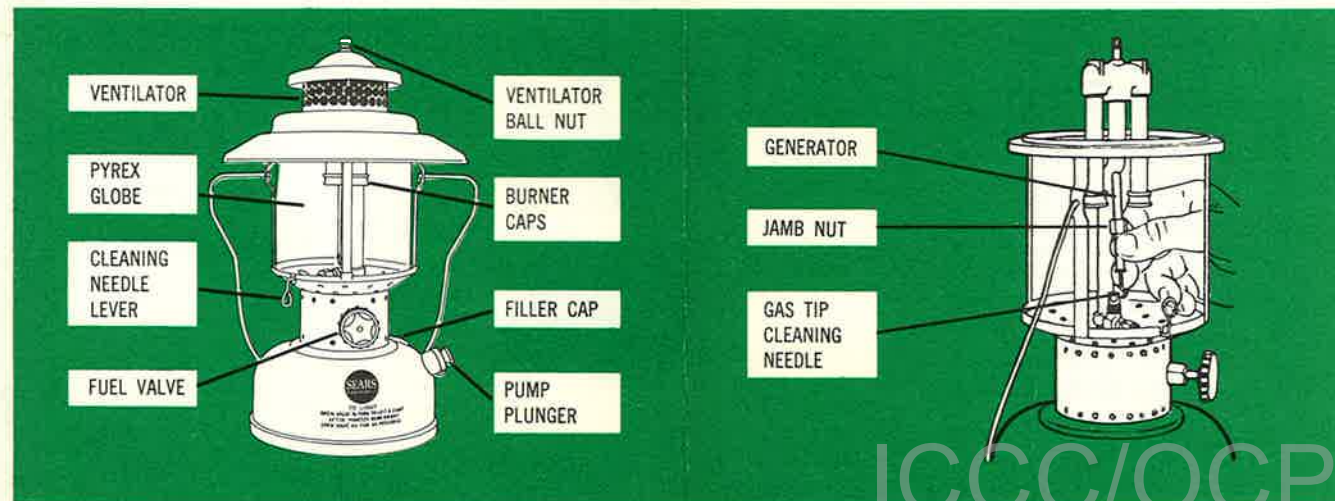
IF MANTLE TURNS BLACK, make sure screens in Burner Caps are clean and open. Check Air Intake Tube for possible obstruction, such as a spider's nest.

IF LIGHT DIMS, check Fuel Valve to be certain it is wide open. Rotate cleaning lever to remove carbon, if any.

IF LIGHT PULSATES after installation of a new Generator, pump in additional air pressure until light is steady.

IF LANTERN IS ON EMERGENCY STANDBY in case of storm or power failure; when cool, empty all gasoline from Fount and refill with clean, fresh fuel. Store in as cool a place as possible.

IF YOU HAVE OCCASION TO WRITE, mention whether yours is a No. 476.74060 or No. 476.74070 Lantern. If you mail the Lantern, send it less Globe and Ventilator to avoid breakage.



"SEE DETAILED PARTS DIAGRAM ON REVERSE SIDE"

ICCC/OCP