

3. If Light Grows Dim Rapidly or Goes Out Suddenly

Cause: Fount may leak air pressure.

Remedy: Pump up fount and place in bucket of water to test for air pressure leak. If bubbles come from top of filler plug, tighten filler plug air stem. If bubbles continue, get a new air stem or if necessary, a new filler plug. If bubbles come from around bottom of filler plug, tighten filler plug. If bubbles continue, replace filler plug gasket or get a new filler plug.

Cause: Fuel consumed.

Remedy: Fill fount with clean fuel and then pump 25 to 30 strokes of air into the fount.

4. If a Leak Develops at Lower End of Generator

Cause: Generator not properly seated in fuel valve.

Remedy: Close valve stem. Then tighten jamb nut at bottom of generator with a wrench. If leak continues, put on new generator. If new generator fails to stop leaking, then replace fuel valve.

5. If Generator Lasts Only a Short Time

Cause: Dirty Gasoline or wrong kind of gasoline.

Remedy: Clean fount, use only gasoline suggested and Coleman Filtering Funnel No. 0.

Cause: Continued careless lighting.

Remedy: Read and carefully follow directions regarding lighting of lamp.

6. If Mantles Turn Black

Cause: Air intake tube or mixing chamber may be stopped up.

Remedy: Clean out the air intake tube and mixing chamber.

Cause: Dirty burner screens in burner caps.

Remedy: Unscrew burner caps and screens and clean or replace burner caps and screens. Be sure to have the wires of the screens criss-crossed.

Cause: Enlarged gas tip orifice.

Remedy: Put in new gas tip or replace generator.

Cause: Mantles may be of inferior quality.

Remedy: Always use genuine Coleman Junior Mantles.

7. If 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.

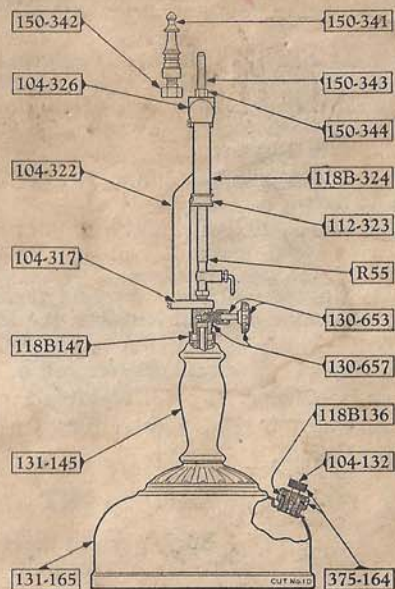
Remedy: Replace with new leather.

REPAIR PARTS LIST

No. 131P

Coleman Match-Generating Lamp

Repair Parts in Canada Slightly Higher in Price on Account of Customs Duty



Part No.	Name of Part	Net Retail Price
R55	Rotary Generator (Gas Tip Marked "Q") (155B299)	.50
346	Parchment Shade	1.00
351	Inner Mica Globe	.75
*352	Pyrex Globe and Holder	1.20
101-522	Pump Complete	.75
101-620	Valve Stem Packing	.03
104-132	Filler Plug Air Stem	.18
104-218	Generator Gas Tip (Marked "Q")	.06
104-317	Burner Support Coupling	.18
104-322	Air Intake Tube	.36
104-326	Mixing Chamber	.48
112-323	Burner Cap and Screens	.15
118B136	Filler Plug Gasket	.2 for .06
118B147	Handle Lock Nut	.09
118B324	Burner Tube	.15
130-145	Handle	.15
130-653	Valve Stem Complete	.30
130-657	Fuel Valve Complete	.75
131-165	Fount Complete	4.20
131-399	Burner, Generator, Valve, Support Rod and Nut, Complete assembled	2.70
150-341	Finale	.24
150-342	Finale Nut	.12
150-343	Shade Support Rod	.09
150-344	Shade Support Rod Nut	.03
216-509	Pump Leather	.2 for .09
375-164	Filler Plug Complete	.60

*This is an accessory and can be used with this lamp and parchment shade in place of the inner mica globe.

DIRECTIONS

For Care and Operation

Coleman

Match-Generating Lamp No. 131P

Four Things To Do:

1. Read and carefully follow directions for operation given in this folder. If you will do this, you will avoid difficulties that arise from incorrect operation and are due to no fault of the lamp.
2. Always use a good grade of fresh, clean gasoline. Gasolines which contain oil or lead compounds will not work satisfactorily in gasoline pressure lamps.
3. Be sure to thoroughly preheat generator before opening fuel valve.
4. Clean out the fount every few months. This keeps the sediment and dirt which collects in the bottom of the fount from stopping up the generator.



MADE IN U. S. A. BY

The Coleman Lamp and Stove Co.

General Offices: WICHITA, KANSAS

Branches: Philadelphia, Chicago, Los Angeles

Factories: Wichita, Chicago and Toronto, Canada

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SAVE THESE DIRECTIONS FOR FUTURE REFERENCE

Directions for Operating No. 131P Lamp

1. HOW TO FILL

Caution: It is best to fill the lamp out-of-doors and in daylight so as to avoid having open gasoline inside the building.

Be sure fuel valve is closed. Unscrew filler plug, turn to left. Fill fount with fresh, clean gasoline.

Replace filler plug and tighten with fingers.

(We recommend the use of the Coleman Filtering Funnel No. 0 which removes dirt and water from the gasoline. Your dealer can supply you.)

ALWAYS USE THE RIGHT KIND OF FUEL.

You will get long and satisfactory performance from this appliance if you will follow these suggestions.

1. Use fresh, clean gasoline, either white or colored. Many of the lower priced and "third grade" gasolines are excellent pressure appliance fuels.

2. Never use white or colored gasolines containing lead compounds or lubricating oils, in gasoline pressure appliances.

Ask the representative of your oil company if his gasoline meets these simple requirements. If he does not know, ask him to find out for you.

In the meantime, write us for the latest list of gasolines sold in your state which have been tested and approved by the United Laboratories for use in Gasoline Burning Appliances.

IMPORTANT—Gasoline used in Pressure Appliances should be:

Kept in small, clean, closed metal cans.

Do not use glass containers.

Buy a fresh supply often.

2. HOW TO PUMP

Be sure fuel valve is closed. Now open air stem on filler plug, two full turns to left and place nose of pump in center of air stem.

Pump 25 to 30 strokes of air into fount.

Close air stem tightly with fingers.

3. HOW TO PUT ON MANTLES

Remove parchment shade and inner mica globe by turning slightly to right and left while lifting up on shade. This will release the shade from the support rod.

Tie mantles in grooves in burner caps with flat sides of mantles parallel to generator.

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

Apply a lighted match to bottoms of mantles and allow mantles to burn until only a white ash remains—be careful not to touch or jar mantles.

Replace parchment shade and inner mica globe. Be sure to get inner mica globe fastened to all of shade wires.

4. HOW TO LIGHT

Note the gas tip cleaning lever built in the generator. Revolving this lever causes the cleaning needle inside the generator to work up and down, thus keeping the hole or orifice of the gas tip clean and open.

Be sure to revolve this lever several times before lighting the lamp.

ALWAYS HAVE THE GAS TIP CLEANING LEVER POINTING DOWN, REMOVING NEEDLE FROM HOLE OR ORIFICE IN GAS TIP THUS INSURING PROPER OPERATION OF THE LAMP.

Now hold two lighted (wood) matches in left hand. Apply flame to generator tube. When matches are nearly burned out, open fuel valve, unscrewing valve stem one-half turn to left and close quickly as soon as mantles light.

When mantles begin to dim, open fuel valve one full turn to left.

Careful and sufficient preheating of the generator with two wood matches and several complete revolutions of the gas tip cleaning lever each time the lamp is lighted will help to avoid formation of carbon in generator and will lengthen the life of the generator.

Note: The gas tip cleaning lever can be operated while lamp is burning. If after lighting lamp, mantles do not burn bright, revolve gas tip cleaning lever several times.

5. HOW TO TURN OUT LIGHT

Close fuel valve by turning valve stem to right until it is seated in valve body. The light will dim and go out in about one minute.

6. HOW TO KEEP LIGHT AT

FULL STRENGTH

After two or three nights' use, the light may begin to dim. Pumping more air into fount and several revolutions of the gas tip cleaning lever will bring the light to full brilliance.

7. HOW TO CHANGE GENERATORS

Remove the parchment shade and inner mica globe by turning slightly to right and left while lifting up on shade.

Unscrew jamb nut at lower end of generator with wrench, turn to left. Lift generator up into air intake tube, then carefully pull lower end out and down so as to avoid breaking mantles.

To install new generator, reverse the above directions.

8. HOW TO CLEAN FOUNT

The fount should be cleaned at least every three months.

The Coleman Suction Pump provides the best and most thorough method for cleaning the fount.

Most Coleman dealers are equipped with this special suction pump and will clean the fount and recondition your lamp for a nominal charge. If your dealer is not able to give you this service, send your lamp, less shade and mica, to the nearest Coleman Branch where complete service will be promptly given.

ALWAYS USE GENUINE HIGH POWER COLEMAN JUNIOR MANTLES.

They are made to furnish 300 candlepower of clear, white radiance that is always restful to the eyes.

They are made especially for Coleman Lamps and Lanterns. They are just right in size, shape and texture. They are given just the right chemical treatment. They work perfectly with the amount of gas and air mixture producing the splendid brilliance of the Coleman Lamp.

This is why we cannot guarantee either the quality or quantity of light produced by any Coleman Lamp or Lantern if an inferior, low grade mantle is used on it. So take no chances—always insist on having Genuine Coleman Junior Mantles.

SUGGESTIONS FOR CARE OF COLEMAN Match-Generating Lamp No. 131P

1. If Lamp Blazes Up and Smokes When You Light It

Cause: Incorrect Lighting

Remedy: Read and follow directions.

Cause: Enlarged orifice in Gas Tip.

Remedy: Put in new Gas Tip or new Generator.

Cause: Air intake or mixing chamber may be stopped up.

Remedy: Clean air intake or mixing chamber.

2. If Lamp Does Not Light at All

Cause: Fuel consumed.

Remedy: Fill fount with clean fuel and then pump in 25 to 30 strokes of air into the fount.

Cause: Lack of, or no air pressure.

Remedy: Pump 25 to 30 strokes of air into the fount.

Cause: Gas tip may be clogged.

Remedy: Revolve gas tip cleaning lever several times. Be sure gas tip cleaning lever is pointing down.

Cause: Generator may be stopped with dirt or carbon.

Remedy: Put in new generator.

Cause: Dirty gasoline or wrong kind of gasoline.

Remedy: Clean fount, use only gasoline suggested, and Coleman Filtering Funnel No. 0.