

SUGGESTIONS

About the Care and Use of Coleman Instant-Lighting Camp Stoves

A. IF STOVE BURNS YELLOW OR SMOKES—

CAUSE—Lighting in half-hot condition.

REMEDY—Allow the Stove to burn and flame will clear up in a few seconds.

CAUSE—Enlarged Gas Tip Orifice.

REMEDY—Put in New Gas Tip.

CAUSE—Bent or warped Generator.

REMEDY—Remove Generator Regulating Stem and straighten Generator Tube in a vise.

CAUSE—Dirt in Bunsen or Air Intake.

REMEDY—Clean Air Intake and Casting.

B. IF STOVE DOES NOT BURN AT ALL—

CAUSE—No Fuel or lack of Air Pressure.

REMEDY—See that tank contains clean Fuel and plenty of Air Pressure.

CAUSE—Generator may be stopped up with dirt or carbon.

REMEDY—(1) Clean Generator Tube. (2) Put in complete New Generator.

C. IF STOVE DEVELOPS A LEAK IN GASOLINE LINE—

CAUSE—Loose connections.

REMEDY—Tighten connections with wrench just enough to stop leak when STOVE IS COLD.

D. IF BUILT-IN 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—Put in new one.

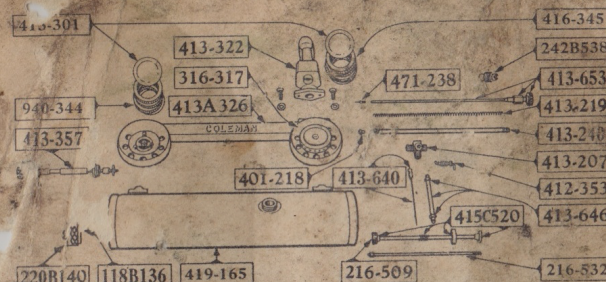
WARNING

For longest service—For best service

Use only Genuine Coleman Parts and Accessories on this Coleman Appliance. Each individual part is designed to exact precision and to work perfectly with all other parts; therefore, only Genuine Coleman Parts and Accessories can be trusted to give satisfactory service.

The use of other than Genuine Coleman Parts and Accessories invalidates the Coleman Guarantee.

Parts List for Coleman Camp Stove No. 419



REPAIR PARTS IN CANADA SLIGHTLY HIGHER IN
PRICE ON ACCOUNT OF CUSTOMS DUTY

Order by Number	Name of Part	Net Retail Price
118 B 136	Filler Plug Gasket	\$0.13
216 - 509	Pump Leather	.07
216 - 532	Pump Air Stem	.13
220 B 140	Filler Plug Complete	.43
242 B 538	Check Valve	.18
242 - 620	Valve Stem Packing	.03
316 - 317	Gasket	.03
401 - 218	Gas Tip (Marked "B")	.12
412 - 353	Tip Cleaner Stem Complete	.15
413 - 207	Valve Body	.19
413 - 119	Generator Filler Coil	.09
413 - 119	Generator Tube & Bushing	.50
413 - 119	Generator Complete (Gas Tip Marked "B")	6.25
413 - 119	Turner Cap	.09
413 - 322	Turner Mixing Chamber	.14
413 - 216	Burner Manifold Casting Only	1.00
413 - 357	Auxiliary Valve Complete	.10
413 - 640	Eccentric Block and Fuel Needle	.10
413 - 646	Fuel and Air Tube with Fuel Tip (Marked "B")	.41
413 - 653	Valve Stem Complete (Less Needle and Holder)	.30
413 - 655	Valve Complete (Less Generator & Valve Stem)	1.20
413 - 660	Valve & Generator Complete	2.25
415 - 520	Pump Plunger Complete (Less Air Stem)	.45
419 - 165	Tank Complete (With Fittings) (Less Valve & Generator)	3.60
416 - 345	Burner	.60
471 - 228	Cleaner Needle and Holder	.06
551 - 108	Drain	.09
940 - 119	Generator Filler	.60

to Change Without Notice"

DIRECTIONS

For Operating

Coleman

INSTANT-LIGHTING

CAMP STOVE No. 419

Be sure to read the paragraph inside this folder which is headed . . .
"Always Use the Right Kind of Fuel"

Made in United States of America

The Coleman Lamp and Stove Company

General Offices: Wichita, Kans., U. S. A.

Factories: Wichita, Kans.; Toronto, Canada

Sales Offices: Chicago, Philadelphia, Los Angeles, Portland, Ore.; Honolulu, Hawaii; Toronto, Canada; London, England.

F1190 2600 3-41

Printed in U. S. A.

SAVE THESE DIRECTIONS FOR FUTURE REFERENCE

OPERATING DIRECTIONS FOR NO. 419 CAMP STOVE

TO OPEN STOVE

Pull the supporting legs down until they snap into place. Push the thumb catch in to release the lid. Open the lid and support it either in the flat position with the rod bracket or in the upright position by the supports swinging from the end of the cabinet. Remove the tank and generator unit from the cabinet.

TO FILL TANK

Be sure the generator valve is closed tightly to the right.

Unscrew the filler plug from tank.

Fill the tank with fresh, clean gasoline.

See paragraph below on "Right Kinds of Fuels".

It is impossible to fill the tank too full, causing improper operation of camp stove.

Replace filler plug and tighten with fingers.

Always Use the Right Kind of Fuel

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

1. Use only clean gasoline, either white or colored. The lower priced and "third grade" gasoline gives 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.

If you will write the United Laboratories, 240 N. St. Francis Street, Wichita, Kansas, a free list of "Approved" gasoline will be furnished you.

This list will tell you the Brands of gasolines sold in your state, which meet the Laboratories' requirements for good pressure appliance fuels.

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.

TO PUMP

Be sure the generator valve is closed and the filler plug tightened.

Turn the pump plunger two (2) complete turns to the left.

This unscrews the air stem from the check valve, located at the lower end, inside of the pump barrel. Place thumb over small hole in pump plunger handle and pump 35 to 50 full strokes of air into the tank.

Now turn the pump plunger to the right, thus seating the air stem in the check valve. Push the pump plunger back into the pump barrel.

NOTE—Good pressure is important for the successful operation of this instant lighting camp stove. Therefore, keep the pump leather in good condition by applying a few drops of oil occasionally.

To Place Tank and Generator in Operating Position

Insert the generator into the oblong hole in front of cabinet and then into burner mixing chamber. Put the hanger brackets into the slots in the front of the cabinet.

TO LIGHT MAIN BURNER

Make sure the tank contains sufficient fuel and air.

Close the auxiliary valve and the generator valve. Turn the lever on the valve body to the UP position.

Open the generator valve and apply a lighted match to the main burner.

After allowing the stove to burn one minute with the lever up, turn the lever to DOWN TO BURN position.

The flame can be regulated by turning the generator valve to the left or right.

TO LIGHT AUXILIARY BURNER

After the main burner is lighted, the auxiliary burner can be lighted by opening the auxiliary burner valve.

Apply a lighted match to the auxiliary burner and it will light instantly.

The flame on the auxiliary burner can be regulated

lated by turning the auxiliary valve to the right or left.

TO TURN AUXILIARY BURNERS OFF

Turn the auxiliary burner valve to the right as far as possible, then regulate the flame on the main burner by turning the generator valve to the left or right for the type of flame desired.

TO SHUT STOVE OFF

Turn Lighting Lever to "UP TO LIGHT" position and allow the stove to burn for about one minute on the Instant-Gas mixture. This clears the heavier parts of the fuel from the generator.

Now close the Generator Valve FIRMLY to right. Because the Valve Seat is Located in Valve Body out of the heat area a minute or two will elapse before flame dies down. The few drops of gasoline that will have been trapped in Generator Tube will vaporize and burn instead of staying in Generator Tube to form carbon.

Lighting Lever should be left in "UP TO LIGHT" position when not in use.

TO SET UP WIND BAFFLES

On each end of the cabinet is a support arm.

Lift these support arms up and set them at right angles to the ends of the cabinet.

Then raise the hinged baffles on each end of the lid to an upright position.

Now pull these baffles forward and insert the support arms into the holes in lower edge.

To Pack Stove Into Carrying Position

Raise the hinged wind baffles, fold back against lid, and replace the wire support arms back inside the cabinet.

Remove the tank and generator unit.

Lift the grate up, place the tank and generator unit into back of cabinet as originally packed.

Place grate into position over burner.

Fold lid over cabinet.

Release the supporting legs from the locks by springing them in. Then push the legs up until they are flush with the bottom of the cabinet.