

SUGGESTIONS

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

A. If Stove Burns Yellow or Smokes —

CAUSE — Perhaps flooded.

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

CAUSE — Burner dirty.

REMEDY — Clean filler rings under burner cap.

CAUSE — Bent or warped Generator.

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

CAUSE — Obstructions in Bunsen or Air Intake.

REMEDY — Clean Air Intake and Bunsen.

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 Tank or Fittings Develop a Leak —

CAUSE — Loose connections.

REMEDY — Turn out flame and tighten connections with wrench just enough to stop leak.

D. If Flame Burns Under Burner Cap —

CAUSE — Loose or damaged Burner Cap.

REMEDY — Tighten or replace Burner Cap and Fillers.

E. If Built-in Pump Does Not Work —

CAUSE — Pump Leather may be dry.

REMEDY — Remove Pump Plunger and soften Pump Leather with oil.

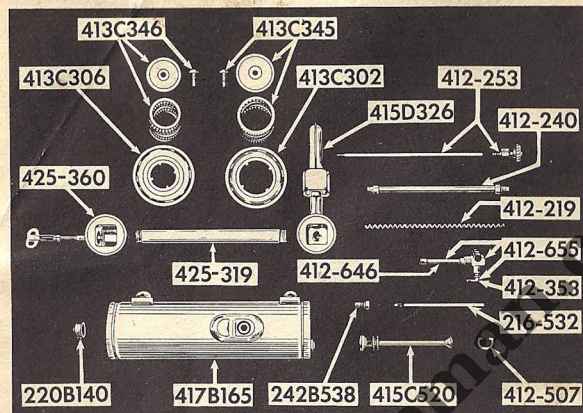
CAUSE — Pump Leather worn out.

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.

REPAIR PARTS LIST Coleman Camp Stove No. 425



Order by Number	Part Name
118 B 136	Filler Plug Gasket
216 - 509	Pump Leather
216 - 532	Air Stem
216 - 620	Packing
220 B 140	Filler Plug Complete
242 B 638	Check Valve
412 - 207	Valve Body
412 - 218	Gas Tip (Marked "AK")
412 - 219	Generator Filler Coil
412 - 240	Generator Tube and Bushing
412 - 251	Cleaner Rod and Needle
412 - 253S	Valve Stem (Less Cleaning Needle)
412 - 262	Complete Set of Generator Renewal Parts Including Tube, Gas Tip, Bushing, Coil, Needle and Holder (Gas Tip Marked "AK")
412 - 353	Tip Cleaner Stem Complete
412 - 507	Pump Cap Clip
412 - 640	Eccentric Block and Needle
412 - 646	Fuel and Air Tube with Fuel Tip (Marked "O")
412 - 655	Instant Lighting Valve Complete (Less Generator and Valve Stem)
412 - 660	Valve and Generator Assembly Complete
413C302	Master Burner Bowl
413C306	Auxiliary Burner Bowl
413C345	Master Cap and Fillers
413C346	Auxiliary Cap and Fillers
415C520	Pump Plunger Complete
415D326	Master Burner Manifold and Bunsen Assembly
425 - 319	Manifold Pipe
425 - 360	Auxiliary Burner Manifold with Valve Stem
417 B 165	Tank Complete (With Fittings) (Less Valve and Generator)

DIRECTIONS

for Operating



INSTANT-LIGHTING

CAMP STOVE

No. 425



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 Company, Inc.

General Office and Factory: WICHITA 1, KANSAS, U. S. A.

Canadian Office and Factory: Toronto, Canada

Sales Offices: Philadelphia 8; San Francisco 3; Los Angeles 1; Honolulu, Hawaii

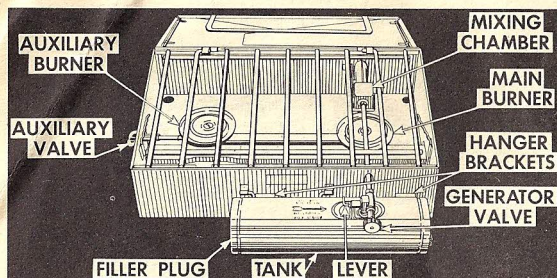
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Printed in U. S. A.

"See Your Coleman Dealer for Repair Parts"

SAVE THESE DIRECTIONS FOR FUTURE REFERENCE

Operating Directions for No. 425 COLEMAN CAMP STOVES



To Open Stove —

Pull the legs out and down. Push the legs under the cabinet until they lock in the leg locks.

Remove the tank and generator unit from the cabinet.

To Fill Tank —

Be sure the generator valve is closed tightly to right.

Unscrew filler plug from tank.

Fill tank with fresh, clean, non-leaded gasoline.

It is impossible to fill tank too full.

Replace filler plug and tighten with fingers.

Always Use the Right Kind of Fuel —

The period of satisfactory service rendered by a generator is largely determined by the kind of fuel used.

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

1. Always use fresh, clean, non-leaded gasoline. Many of the lower-priced and "third-grade" gasolines are excellent pressure appliance fuels.
2. NEVER USE gasolines containing lead compounds or lubricating oils, in Gasoline Pressure Appliances.
3. 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 Tank —

Be sure the generator valve is closed and 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 pump barrel.

Place thumb over small hole in pump plunger handle and pump 35 to 50 full strokes of air into tank.

Now turn the pump plunger to right as far as it will go, thus seating the air stem in check valve.

If air stem is not closed in this manner, the pressure will leak out of tank.

Push pump plunger back into pump barrel.

NOTE: Good pressure is important for 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 Unit in Operating Position —

Insert the generator into large hole (between carrying handle and cabinet end) in front of cabinet and then into mixing chamber. Put the hanger brackets into slots in front of cabinet.

To Light Main Burner —

Make sure tank contains sufficient fuel and air.

Close auxiliary valve and generator valve.

Turn the lever on valve body to UP TO LIGHT position.

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

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

Flame can be regulated by turning the generator valve to 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 auxiliary burner and it will light instantly.

The flame on auxiliary burner can be regulated by turning the auxiliary valve to right or left.

To Turn Auxiliary Burner Off —

Turn the Auxiliary Burner Valve to right as far as possible, then readjust the flame on Main Burner by turning Generator Valve to left or right for type of flame desired.

To Shut Off Main Burner —

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 of the valve seat being located at the back end of the generator it will require a minute to a minute and one-half for flame to die out.

Thus, no gas is retained in the generator to form excess carbon.

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 push the wire Support Arms back inside the Cabinet.

Remove the tank and generator unit.

Lift 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, and fold legs up and over cabinet lid.