

HOW TO USE YOUR

Coleman

413E TWO BURNER CAMP STOVE



Always Use the Right Kind of Fuel

Substances in gasoline which do not vaporize will form carbon in the generator of your stove. The length of service you get from your stove and generator depends greatly upon the kind of fuel you have.

Use only clean, "white" Gasoline (Coleman S & L Fuel, for example); never use fuel containing lead compounds or lubricating oils. Store your fuel in a clean, closed metal container. (Glass containers are dangerous — may break.)

If Coleman S & L Fuel or ordinary "white" gasoline is not readily available, most oil companies will gladly tell you where to obtain it.

To Open Stove

Pull supporting legs down until they snap into position. Open the lid to a level position with the stove. Flip the rod bracket over the top to support it. If it is windy, shield the burners by supporting the lid in an upright position by running wire support rods at ends of stove through holes in the wind baffles.

Raise the grate and remove the tank assembly.

To Fill Tank (see illustration at right)

Close generator valve (1) by turning valve wheel to the right. Unscrew filler cap (2). With tank in

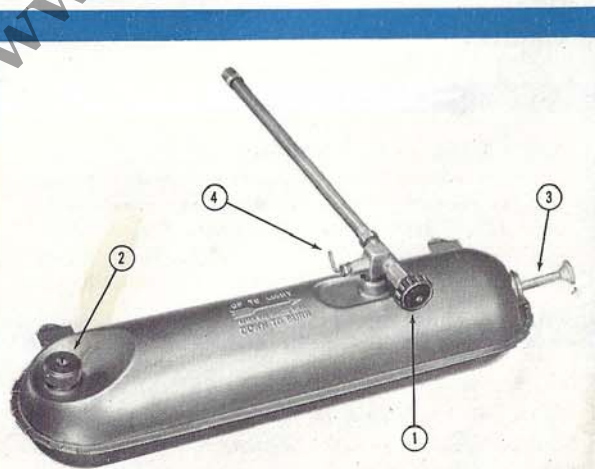
level position, fill with clean, fresh fuel. Tank holds 3 pints. Replace filler cap and tighten with fingers.

To Pump Air Pressure into Tank

Generator valve and filler cap must be closed. Turn pump plunger handle (3) two complete turns to the left. Place thumb over the small hole in handle and pump 35 to 50 full strokes of air into the tank. Then turn pump plunger handle to the right until tight.

To Place Tank and Generator in Position

Push carrying handle up out of the way. Insert



the generator into large hole at right end of stove, then into opening in mixing chamber. Engage the hanger brackets into slots in front of case to support the tank.

To Light Master Burner

Be sure auxiliary valve is closed. Turn instant-light lever (4) to "UP TO LIGHT" position. Hold a lighted match above the master burner and turn valve wheel (1) wide open to left. Operate burner full open approximately one minute. When flame is quite blue, turn instant-light lever (4) to "DOWN TO BURN" position. Flame can be adjusted by turning valve wheel. Add air pressure to tank to increase force or efficiency of flame.

To Light Auxiliary Burner

After the main burner has been lighted, the auxiliary burner may be lighted by holding a match above the burner and opening the auxiliary valve. Flame can be adjusted as desired. Master burner may require adjustment after lighting auxiliary burner.

To Shut Off Auxiliary Burner

Turn auxiliary burner valve to right until closed.

To Shut Off Main Burner

On master burner, turn instant-light lever (4) to "UP TO LIGHT" position and let burn one minute. (This cleans heavier parts of fuel from the generator to protect the instant-lighting feature). Now turn the valve wheel (1) to the right and tighten. The burner may operate a few seconds until gas in the generator is gone.

To Pack Stove

Reverse the procedure followed in opening stove. The tank and generator go in the left end of the stove as you face it. Lock lid in place and lay stove down with bottom side up. To unlock the legs, push in on the ends, then slide them into the frame.

other Coleman products
to add to your
outings fun!



NEW SNOW-LITE PICNIC JUGS

The only 100% insulated jugs. Hold heat or cold twice as long. Light weight Therma-Lock styrene insulation can't pack down. Spout and faucet models. "Pitcher-Pour" and tubular handles. One and two-gallon sizes. Custom and deluxe models. Three beautiful colors.

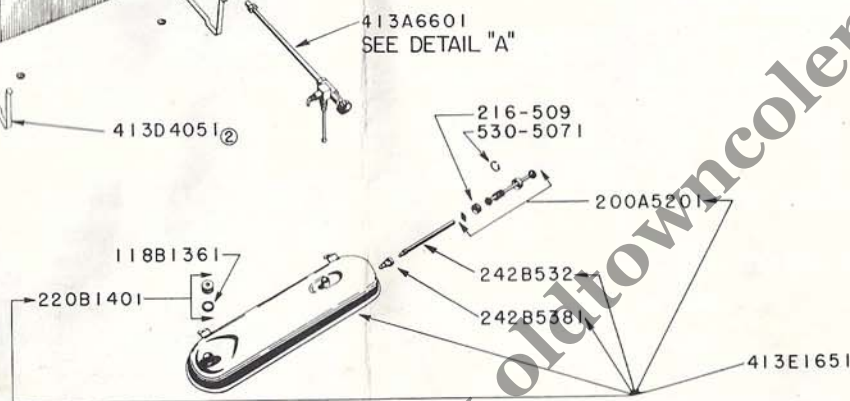
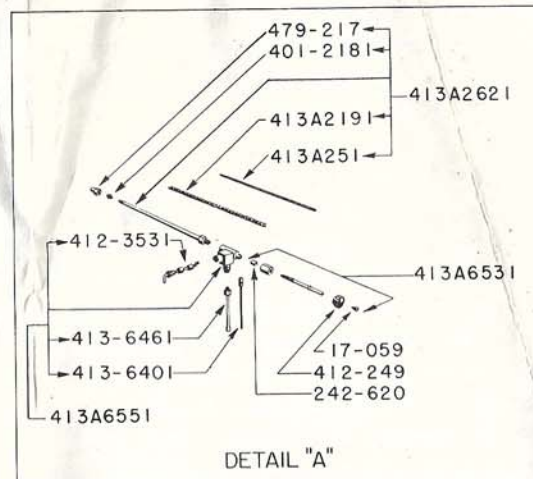
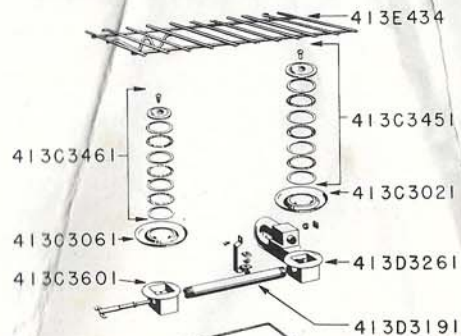
SNOW-LITE COOLERS

Holds cold 45% longer. Therma-Lock styrene insulation throughout. Royalite base, interior and lid liner are seamless; can't leak, rust, corrode, or stain. Rounded corners. Easy to clean, always odor-free. "Steel Beam" base construction easily supports heaviest load. Available in patio pink, charcoal, green. Two sizes, choice of handles.



FLOODLIGHT LANTERNS

Floods of brilliant white light for every activity. Strike a match, turn a valve — instantly you have steady, flicker-free light. Safe! Cannot be filled while lighted. Can't spill. Storm and rainproof. Burns 8-12 hours on one filling. One- and two-mantle models.



② Quantity of Parts Used in Assembly

PARTS LIST FOR COLEMAN CAMP STOVE 413E

PART NO.	DESCRIPTION
8B119	Enamel (Pressurized Spray—Forest Green)
17-059	Machine Screw (No. 4 36x3/8" Rd. Hd. Std.)
118B1361	Gasket (Filler Cap)
200A5201	Plunger Ass'y (Pump)
216-509	Leather (Pump)
220B1401	Filler Cap
242-620	Packing (Valve Stem)
242B532	Stem (Air)
242B5381	Check Valve
401-2181	Gas Tip (Marked B)
412-249	Wheel (Valve)
412-3531	Stem (Lighter)
413-6401	Block and Needle Ass'y

PART NO.	DESCRIPTION
413-6461	Tube Assembly (Fuel and Air)
413A2191	Coil (Generator)
413A251	Needle Assembly
413A2621	Generator
413A6531	Stem Assembly
413A6551	Valve (Less Generator and Valve Stem)
413A6601	Valve and Generator (Complete)
413C3021	Burner Bowl (Master)
413C3061	Burner Bowl (Aux.)

PART NO.	DESCRIPTION
413C3451	Cap and Fillers (Master)
413C3461	Cap and Fillers (Aux.)
413C3601	Valve Stem (Aux. with Manifold)
413D3191	Pipe (Manifold)
413D3261	Master Burner Body
413D4051	Leg
413E1651	Tank
413E434	Grate
479-217	Protector (Tip)
530-5071	Clip (Pump Cap)

See your Coleman Dealer for Repair Parts

GENERAL SUGGESTIONS

KEEP BURNER CLEAN. An obstruction, such as a burned match head, near the burner fillers will produce a yellow flame at that point.

THE PUMP PLUNGER not only pumps air into the tank but acts as a wrench to turn the air stem. Turned to the left it opens the air stem so air may be forced through check valve. Turned to the right, the air stem closes the check valve and provides a positive shutoff. Air pressure may be added while the stove is burning. Oil the leather occasionally for top efficiency.

KEEP TANK CLEAN by rinsing it occasionally with clean fuel.

BEFORE STORING STOVE, empty the tank to prevent possible damage from acids, gums, or varnish—like substance which can form in old fuel. Clean the entire stove—burners, tank, case—and it will give you years of dependable service.

THE STOVE GENERATOR changes liquid fuel to a vapor. Eventually it may fill with carbon so no fuel can be forced through it. Avoid problems by keeping a spare generator, No. 413A2621 on hand.

THE GASKET in filler cap may deteriorate with age. It might be well to install a new No. 118B1361 gasket every year if the old one is hard and brittle.

CONTACT YOUR DEALER for service assistance or parts for your stove. Or write The Coleman Co., Inc., mentioning that your stove is a No. 413E.

NOTICE: The use of any attachment or device that is not expressly approved by The Coleman Company, Inc., to alter or affect the operation of the appliance automatically cancels all warranties, implied or expressed. Furthermore, the Company shall not be liable for any consequences that result from the use of equipment under these circumstances.

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

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Litho. in U. S. A.



**TWO BURNER
CAMP STOVE
413E**

TO OBTAIN SATIS-
FACTORY RESULTS
READ AND FOLLOW
THESE INSTRU-
CTIONS CAREFULLY
STEP BY STEP...

* DIRECTIONS FOR OPERATING AND SERVICING