



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

1950-496  
P. 1.

Litho. in U. S. A.



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

DIRECTIONS FOR OPERATING AND SERVICING

DIRECTIONS FOR OPERATING AND SERVICING



## HOW TO USE YOUR

**Coleman**

## 500A SPORTMASTER 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 Fill Fount**

Close Generator Valve (1) firmly by turning Valve Wheel to the right. Unscrew Filler Plug (2). With fount in level position, fill with clean, fresh fuel. Fount holds two pints. Replace Filler Plug and tighten firmly with fingers.

### **To Pump Air Pressure into Fount**

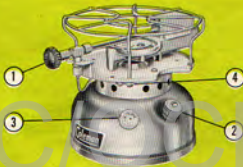
Generator Valve and Filler Plug must be closed firmly. Turn Pump Plunger handle (3) two complete turns to the left. Place thumb over small hole in handle and pump 35 to 50 full strokes of air into the Fount. Then turn Pump Plunger handle to the right until tight.

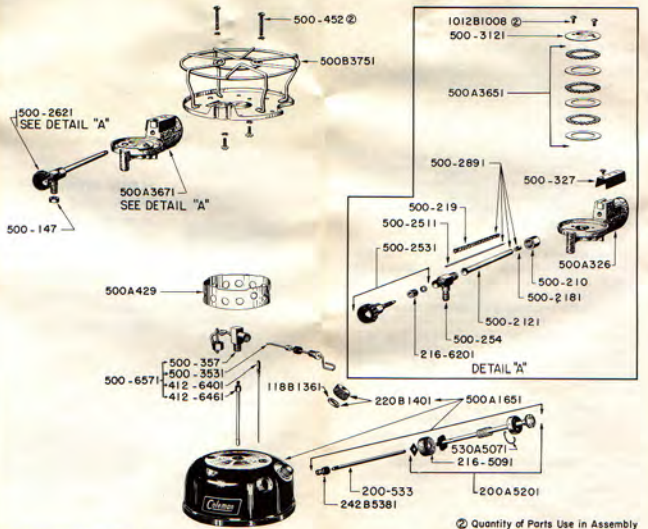
### **To Light Burner**

Turn instant-light lever (4) to "LIGHT" position. Hold a lighted match above 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 "BURN" position. Flame can be adjusted by turning Valve Wheel. Add air to Fount to increase force or efficiency of flame.

### **To Shut Off Burner**

Turn the instant-light lever (4) 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.





② Quantity of Parts Use in Assembly

PART NO. DESCRIPTION

118B1361	Gasket (Filler Plug)
200-533	Air Stem Assembly
200A5201	Plunger Ass'y (Pump)
216-5091	Leather (Pump)
216-6201	Packing (Valve Stem)
220B1401	Filler Plug
242B5381	Check Valve
412-6401	Block and Needle Ass'y
412-6461	Tube Ass'y (Fuel and Air)
500-147	Nut (5/16-27 Hex Brass)
500-210	Jamb Nut
500-219	Coil (Generator)
500-254	Valve Body
500-327	Air Baffle

PART NO. DESCRIPTION

500-357	Valve Body and Fuel Tube
500-452	Machine Screw (# 10-24x1 1/2 Rd Hd. Steel)
500-2121	Tube (Generator)
500-2181	Gas Tip (Marked "BX")
500-2511	Needle Assembly
500-2531	Stem Assembly
500-2621	Valve and Generator (Complete)
500-2891	Generator

PART NO. DESCRIPTION

500-3121	Cap (Burner)
500-3531	Stem (Lighter)
500-6571	Valve (Lighter)
500A326	Burner Casting
500A429	Base Rest
500A1651	Fount (Complete)
500A3651	Cap and Filler (Aux.)
500A3671	Burner Assembly
500B3751	Grate & Baffle Assembly
530A5071	Pump Cap Clip
1012B1008	Machine Screw (# 10-24x 1/2 Oven Hd. Steel)

PARTS  
LIST FOR  
COLEMAN  
STOVE  
500A

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 fount to prevent possible damage from acids, gums, or varnish-like substance which can form in old fuel. Clean the entire stove—burners, fount, 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. 500-2891 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 Company, Inc., mentioning that your stove is a No. 500A Sportmaster.

**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.

Coleman's warranty on repair parts is made null and void by their use on other than **Coleman** manufactured appliances. Coleman's warranty on **Coleman** appliances is made null and void by use of other than genuine **Coleman** repair parts.

Always look for this **Coleman** label.

Other Coleman products  
to add to your  
outing fun!



### NEW SNOW-LITE® PICNIC JUGS

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

### SNOW-LITE COOLERS

New, exclusive magnetic latch. Holds cold 45% longer. Thermo-Lock styrene insulation with Royalite base, interior and lid liner. Can't leak, rust, corrode or stain. Easy to clean; always odor free. Steel beam base construction. Available in patio pink, aqua, and 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.