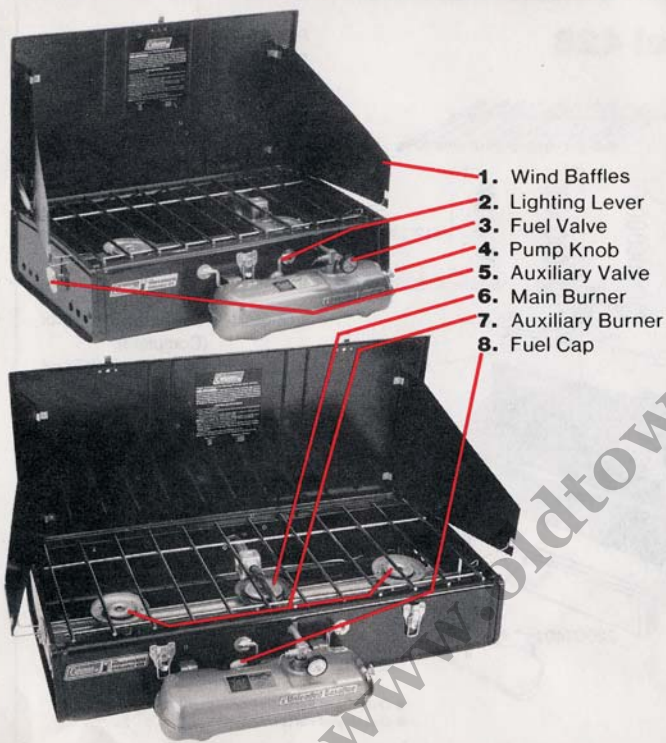


How to Use and Enjoy Your Coleman Unleaded Camp Stove models 414, 424 & 423





1 Follow Instructions And Warnings To Avoid Injury Or Fires.

WARNING:

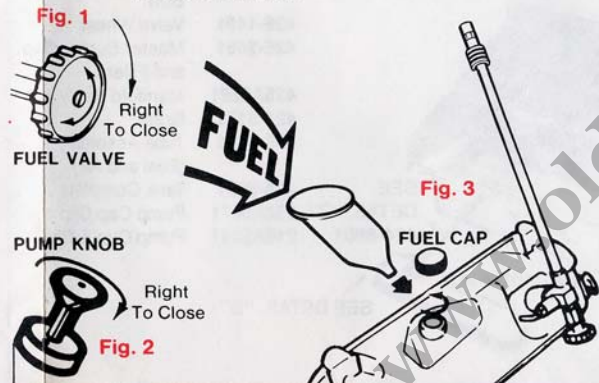
1. Gasoline and Coleman fuel are extremely flammable, handle with extreme care. Fuel vapors are invisible, explosive, and can be ignited by ignition sources many feet away.
2. This stove is designed to use unleaded automotive gasoline or Coleman fuel. Never use kerosene, gasohol, regular or premium leaded automotive fuel.
3. Store fuel in a clean, properly marked container away from flame (including pilot lights), other sources of ignition, or excessive heat.
4. Always fill outdoors. Never fill tank, loosen or remove fuel cap while tank is attached to stove, near flame (including pilot lights), or other ignition sources. Never remove tank while stove is burning.
5. Always light and use stove outdoors; never inside house, camper, tent, or other unventilated or enclosed areas.
6. This stove consumes air (oxygen). Do not use in unventilated or enclosed areas to avoid endangering your life.
7. Use for cooking only. Never alter in any way or use with any device or part not expressly approved by Coleman. Never use as a space heater. Never leave stove unattended while burning.
8. Keep stove away from flammables. Never allow fabric, clothing, or any flammable material to come within four feet of the top and one foot of all sides of the stove.
9. Clean stove frequently to avoid grease accumulations and possible grease fires.
10. Keep out of reach of children.

2 To Fill Tank

Always Fill Outdoors. Never fill tank, loosen or remove fuel cap while tank is on or attached to stove, near flame (including pilot lights), or other ignition sources.

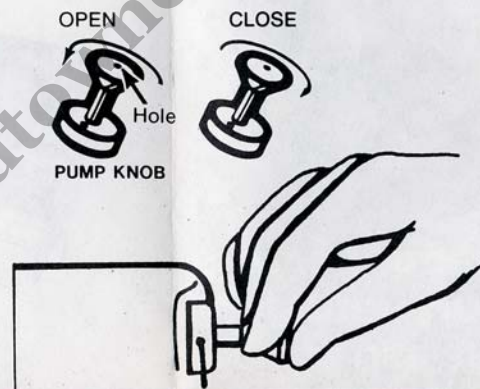
1. Close FUEL VALVE firmly. (fig. 1)
2. Close PUMP KNOB firmly. (fig. 2)
3. Place tank on level surface resting at angle shown in fig. 3.
4. Remove FUEL CAP. Use a Coleman filter funnel and fill with clean, fresh fuel.
5. Replace FUEL CAP on tank and on fuel can. Tighten firmly.

WIPE UP ANY SPILLED FUEL AND DISPOSE OF IN A SAFE PLACE.



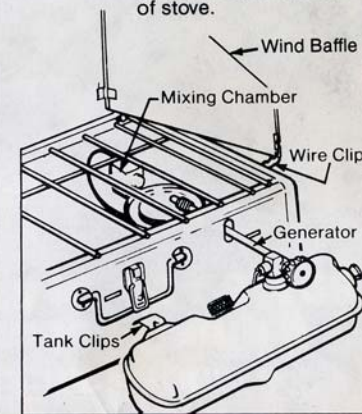
3 To Pump

1. The FUEL VALVE and FUEL CAP MUST be closed firmly.
2. Open PUMP KNOB one turn. Place thumb over hole in PUMP KNOB and pump approximately 35 full strokes.
3. Close PUMP KNOB firmly.



4 To Install Tank

1. Insert generator into large hole on the front of the stove and into mixing chamber above burner.
2. Engage tank clips into slots on the front of the stove.
3. Swing wind baffles out and insert the wire clips into slots in ends of stove.



5 To Light Main Burner

To light the stove, follow the numbered steps below. Be sure to hold a lighted match at the main burner **before** opening the fuel valve. When opening the fuel valve, **QUICKLY** open it AT LEAST 2 FULL TURNS.

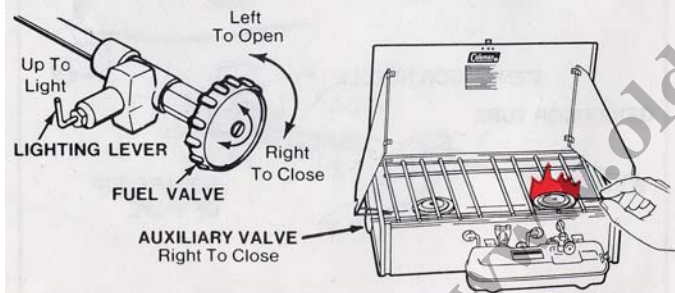
1. Close AUXILIARY VALVE.
2. Turn LIGHTING LEVER to "Up" position.
3. First, hold lighted match at edge of main burner and then **QUICKLY** open FUEL VALVE AT LEAST 2 FULL TURNS.

CAUTION: A persistent high, yellow flame indicates flooding or a leak. Close fuel valve, allow flames to burn out, and stove to cool. Turn stove upside down to empty out any fuel from inside the burner. Wipe dry. Carefully review instructions before relighting stove.

4. Wait at least one minute and then turn LIGHTING LEVER down.

5. Open PUMP KNOB and pump additional pressure into tank. Close PUMP KNOB.

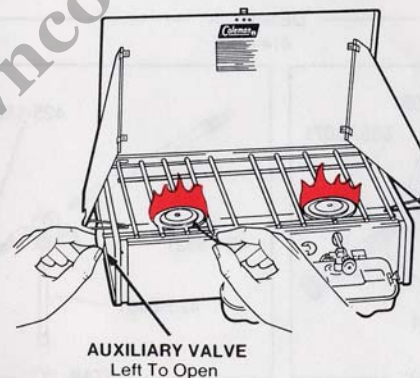
6. Adjust flame to desired heat with FUEL VALVE.



6 To Light Auxiliary Burner

1. After the main burner has been lighted, the auxiliary burner may be lighted.

2. Hold a lighted match at edge of AUXILIARY BURNER and open the AUXILIARY VALVE.



7 To Shut Off Burners

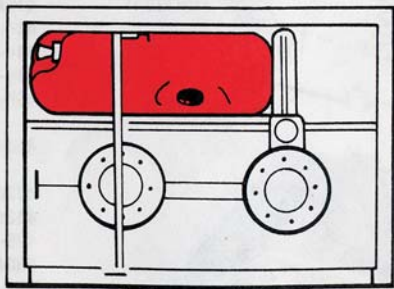
1. Shut off auxiliary burner by closing the AUXILIARY VALVE.

2. Close FUEL VALVE firmly.

NOTE: Flame will linger on main burner for a few minutes after fuel valve is closed.

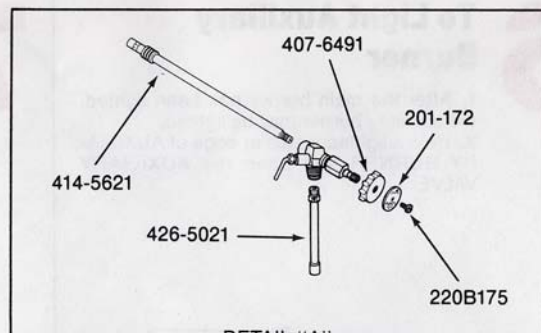
8 To Pack Stove

The tank goes in the left end of the stove with the valve wheel fitted in under the rear flange of the case.

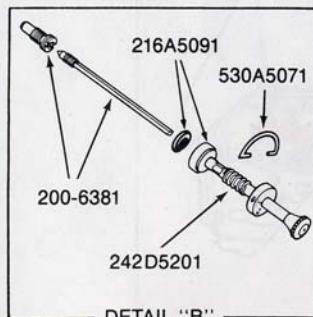


Things You Should Know

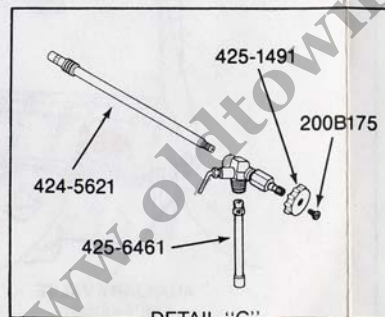
1. Unleaded fuels may vary in quality and can affect generator life. If you are having a problem with your stove or generator using a certain brand of unleaded fuel, replace generator and try a different brand of unleaded fuel.
2. Rinse tank twice a year with fresh fuel to remove sediment, gum formations, and moisture accumulations.
3. Oil pump periodically to keep it working smoothly.
4. The usual storage areas for camping and picnic equipment is the basement, attic, or garage. To avoid the accumulation of dust, cobwebs, etc., that is common in these storage areas, place your stove in a plastic bag and seal it with a rubber band.
5. For repair service call 1-800-835-3278 TOLL FREE (outside Kansas) or 316-261-3312 (inside Kansas) for location of your nearest Coleman Service Center. If stove must be mailed to Service Center, attach your name, address, and a description of problem to stove and mail to Service Center prepaid. If necessary to write the Service Center or factory, refer to your stove by specific model number on front of stove.



DETAIL "A"
414-6601



DETAIL "B"
242D5201

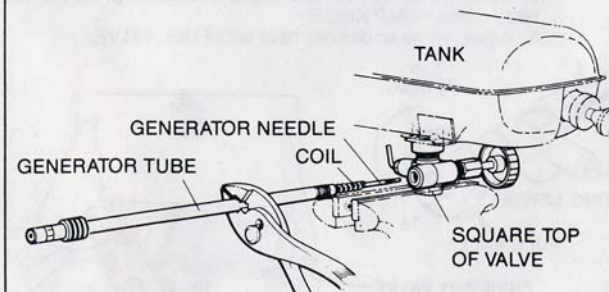


DETAIL "C"
424-6601

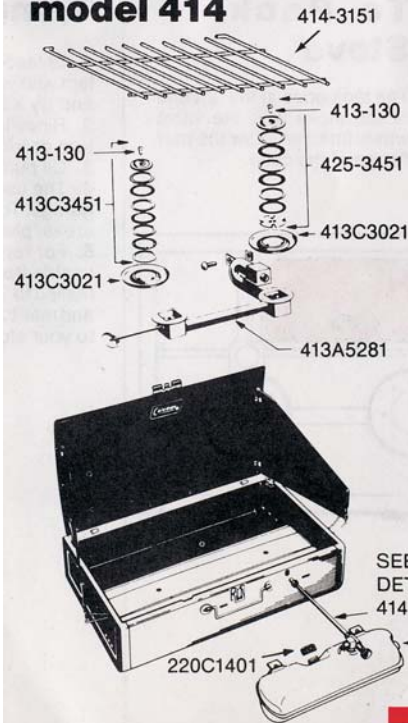
Generator Replacement

If your stove is hard to light or fails to provide full heat output, the generator should be replaced.

1. Remove tank from stove. Take tank away from flames (including pilot lights) and other ignition sources.
2. Invert tank and securely grip square top of valve in a vise. Using pliers or a pipe wrench, unscrew and discard generator tube and coil.
3. Using pliers, unscrew and discard generator needle.
4. Finger tighten new generator needle into valve. Using pliers, tighten generator needle $\frac{1}{4}$ turn. **DO NOT OVER TIGHTEN.**
5. Slip new coil and generator tube over needle. Wrench tighten generator tube to valve to form a leak-tight joint.
6. Visually check for leaks immediately after lighting.



model 414



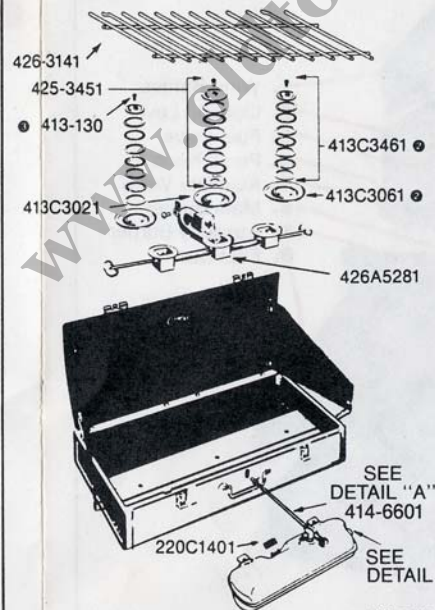
PART NO.	DESCRIPTION
200-6381	Check Valve & Stem Ass'y.
220B175	Self-Tapping Screw
220C1401	Filler Cap
242D5201	Pump Plunger Ass'y.
407-6491	Valve Wheel
413-130	Screw
413A5281	Manifold Assembly
414-5601	Tank (Complete)
414-3151	Grate
414-5621	Generator
426-5021	Tube Ass'y. (Fuel & Air)
414-6601	Valve and Generator (Complete)
413C3021	Burner Bowl
413C3451	Cap and Fillers
425-3451	Cap and Fillers
530A5071	Pump Cap Clip
201-172	Direction Disc
216A5091	Pump Cup & Clip

model 424



PART NO.	DESCRIPTION
200-6381	Check Valve & Stem Ass'y.
220B175	Self-Tapping Screw
220C1401	Filler Cap Complete
242D5201	Pump Plunger Ass'y.
407-6491	Generator
424-6601	Valve and Generator Screw
413-130	Screw
413C3461	Auxiliary Burner Cap and Fillers
413C3021	Master Burner Bowl
413C3061	Auxiliary Burner Bowl
425-1491	Valve Wheel
425-3451	Master Burner Cap and Fillers
425A5281	Manifold Ass'y.
424-3151	Grate
425-6461	Tube Assembly (Fuel and Air)
424-5601	Tank Complete
530A5071	Pump Cap Clip
216A5091	Pump Cup & Clip

model 428



PART NO.	DESCRIPTION
200-6381	Check Valve & Stem Ass'y.
220B175	Self-Tapping Screw
220C1401	Filler Cap
242D5201	Pump Plunger Ass'y.
407-6491	Valve Wheel
413-130	Screw
414-5601	Tank (Complete)
414-5621	Generator
426-5021	Tube Ass'y. Fuel & Air
414-6601	Valve and Generator (Complete)
413C3021	Master Burner Bowl
413C3016	Auxiliary Burner Bowl
413C3461	Auxiliary Burner Cap & Fillers
425-3451	Master Burner Cap & Fillers
426A5281	Manifold Assembly
426-3141	Grate
530A5071	Pump Cap Clip
201-172	Direction Disc
216A5091	Pump Cup & Clip

● Quantity of Parts Used in Assembly
● Quantity of Parts Used in Assembly