

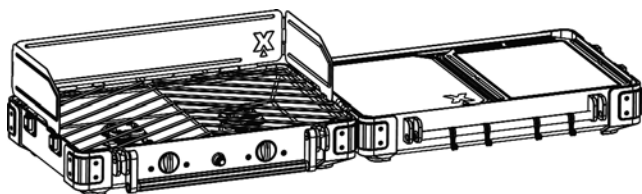


INSTASTART™ Electronic Ignition

Propane Stove

Instructions for use

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www.coleman.com



9422 Series

Patents Pending

AAA Battery included.
Propane cylinder not included.

IMPORTANT

Read this manual carefully before assembling, using or servicing these stoves. Keep this manual for future reference. If you have questions about assembly, operation, servicing or repair of these stoves, please call Coleman at 1-800-835-3278 or TDD: 316-832-8707. In Canada call 1-800-387-6161.

FOR YOUR SAFETY

If you smell gas:

1. Do not attempt to light appliance.
2. Extinguish any open flame.
3. Disconnect from fuel supply.

FOR YOUR SAFETY

Do not store or use gasoline or other liquids with flammable vapors in the vicinity of this or any other appliance.

⚠ DANGER



CARBON MONOXIDE HAZARD

- This appliance can produce carbon monoxide which has no odor.
- Using it in an enclosed space can kill you.
- Never use this appliance in an enclosed space such as a camper, tent, car or home.

This manual contains important information about the assembly, operation and maintenance of this outdoor propane appliance. General safety information is presented on this page and is also located throughout these instructions. Particular attention should be paid to information accompanied by the safety alert symbol "⚠ DANGER", "⚠ WARNING", "⚠ CAUTION".

Keep this manual for future reference and to educate new users of this product. This manual should be read in conjunction with the labeling on the product.

Safety precautions are essential when any mechanical or propane fueled equipment is involved. These precautions are necessary when using, storing, and servicing. Using this equipment with the respect and caution demanded will reduce the possibilities of personal injury or property damage.

The following symbols shown below are used extensively throughout these instructions. Always heed these precautions, as they are essential when using any mechanical or propane fueled equipment.

⚠ DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate personal injury, or property damage.

⚠ DANGER

Failure to comply with the precautions and instructions provided with these stoves can result in death, serious bodily injury and property loss or damage from hazards of fire, explosion, burn, asphyxiation, and/or carbon monoxide poisoning.

Only persons who can understand and follow the instructions should use or service these stoves.

If you need assistance or information such as an instruction manual or labels, contact The Coleman Company, Inc.

CALIFORNIA PROPOSITION 65:

WARNING: This fuel, and byproducts of combustion of this fuel, contain chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

WARNING

- This product is fueled by propane gas. Propane gas is invisible, odorless, and flammable. An odorant is normally added to help detect leaks and can be described as a "rotten egg" smell. The odorant can fade over time so leaking gas is not always detectable by smell alone.
- Propane gas is heavier than air and leaking propane will sink to the lowest level possible. It can ignite by ignition sources including matches, lighters, sparks or open flames of any kind many feet away from the original leak. Use only propane gas set up for vapor withdrawal.
- Propane gas should be stored or used in compliance with local ordinances and codes or with ANSI/NFPA 58. Turn off propane when not in use.

DANGER



• **EXPLOSION - FIRE HAZARD**

- Never store propane near high heat, open flames, pilot lights, direct sunlight, other ignition sources or where temperatures exceed 120 degrees F (49°C).
- Propane is heavier than air and can accumulate in low places. If you smell gas, leave the area immediately.
- Never install or remove propane tank while outdoor stove is lighted, near flame, pilot lights, other ignition sources or while outdoor stove is hot to touch.
- During lighting and operation, this product can be a source of ignition. Never use the stove in spaces that contain or may contain volatile or airborne combustibles, or products such as gasoline, solvents, paint thinner, dust particles or unknown chemicals. Minimum clearances from combustible materials: 12 inches from the sides and 48 inches from the top.
- Provide adequate clearances around air openings into the combustion chamber.

WARNING

Not for home or recreational vehicle use.

We cannot foresee every use which may be made of our products.

Check with your local fire safety authority if you have questions about use.

Other standards govern the use of fuel gases and heat producing products for specific uses. Your local authorities can advise you about these.

- Never refill disposable cylinders.
- Use the preset regulator that came with the stove. Do not attempt to adjust.
- Use only Coleman[®] accessories or parts. During stove set-up, check all fittings for leaks using soapy water. Never use a flame.

WARNING



• **BURN HAZARD**

- Never leave stove unattended when hot or in use.
- Keep out of reach of children.

DANGER



• **CARBON MONOXIDE HAZARD**

- This stove is a combustion appliance. All combustion appliances produce carbon monoxide (CO) during the combustion process. This product is designed to produce extremely minute, non-hazardous amounts of CO if used and maintained in accordance with all warnings and instructions. Do not block air flow into or out of the stove.
- Carbon Monoxide (CO) poisoning produces flu-like symptoms, watery eyes, headaches, dizziness, fatigue and possibly death. You can't see it and you can't smell it. It's an invisible killer. If these symptoms are present during operation of this product **get fresh air immediately!**
- **For outdoor use only.**
- **Never use inside house, camper, tent, vehicle or other unventilated or enclosed areas. This stove consumes air (oxygen). Do not use in unventilated or enclosed areas to avoid endangering your life.**

CAUTION

• **SERVICE SAFETY**

- Keep all connections and fittings clean. Inspect propane cylinder and stove propane connections for damage before attaching.
- During set up, check all connections and fittings for leaks using soapy water. Never use a flame. Bubbles indicate a leak. Check that the connection is not cross-threaded and that it is tight. Perform another leak check. If there is still a leak, remove the cylinder and contact Coleman for service or repairs.
- Use as a cooking appliance only. Never alter in any way or use with any device or part not expressly approved by Coleman.
- Clean stove frequently to avoid grease accumulation and possible grease fires.

Technical Characteristics

Input: 30,000 BTU/H
Category: Pressure regulated propane
Fuel: 16.4 oz. disposable propane cylinders
Regulator: 5430

To Set Up

⚠ DANGER

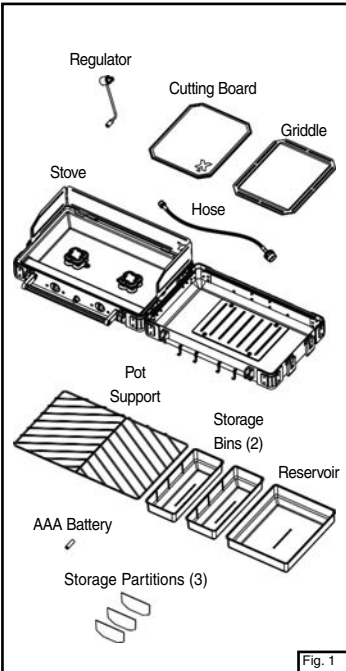


• CARBON MONOXIDE HAZARD

- For outdoor use only.
- Never use inside house, camper, tent, vehicle or other unventilated or enclosed areas. This stove consumes air (oxygen). Do not use in unventilated or enclosed areas to avoid endangering your life.

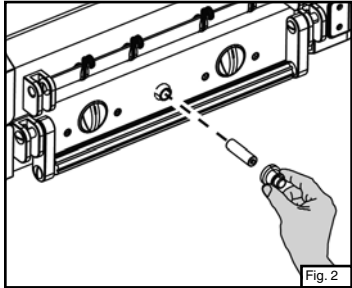
- **NOTE:** Use Coleman 16.4 oz. disposable propane cylinders. The LP-gas cylinder(s) used with stoves must be constructed and marked in accordance with the specifications for LP-gas cylinders of the U.S. Department of Transportation or Transport Canada, CAN/CSA B339.

- Remove components from carton (Fig. 1).

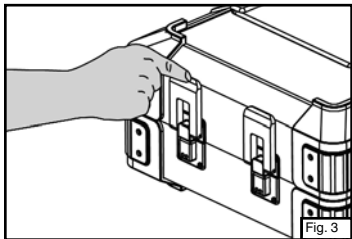


Battery

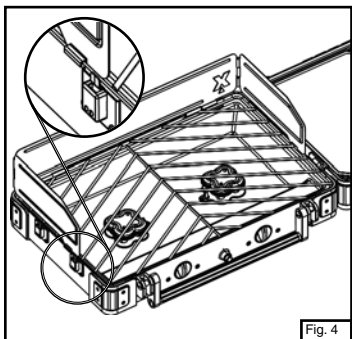
- The battery compartment is located on the front of the stove, near the handle.
 - Unscrew the igniter button to reveal the battery compartment.
 - Install the AAA battery with (+) outward.
 - Replace the igniter button finger tight.
- NOTE:** Use a fresh AAA alkaline battery only. Do not use a nickel cadmium battery. Remove your battery if you won't be using your stove for an extended time period (Fig. 2).



- Position the stove with the cooking side on a sturdy, flat surface. **For outdoor use only.**
- To open the lid, unsnap the two latches on the left side of the stove and swing open the food prep side (Fig. 3).

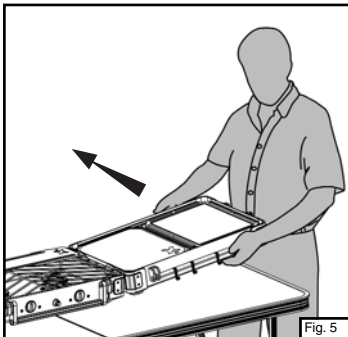


- Unfold the windbaffles as shown (Fig. 4).

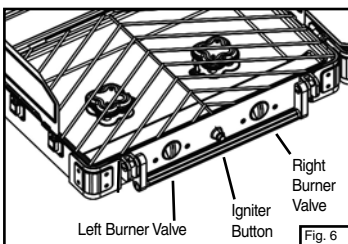


Note:

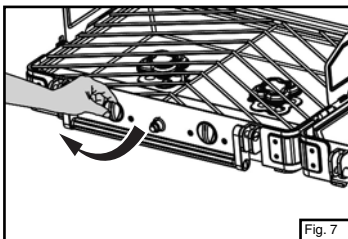
■ The food prep side may be removed from the stove. Firmly grasp the food prep, raise slightly, and slide back to dis-engage the hinges. Reverse the procedure to reattach the food prep side (Fig. 5).



Control Knob Identification (Fig. 6)



■ Close both burner valves firmly (Fig. 7).



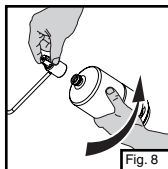
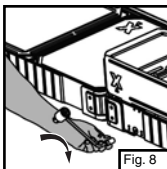
⚠ CAUTION

• SERVICE SAFETY

- Keep all connections and fittings clean. Inspect propane cylinder and stove propane connections for damage before attaching.
- During set up, check all connections and fittings for leaks using soapy water. Bubbles indicate a leak. Never use a flame.

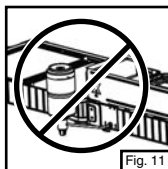
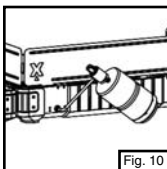
■ The regulator uses a threaded fitting to attach to the stove. It is necessary to hold the stove to make sure the fitting is seated. Align the regulator to the fuel tube on the back of the stove and push on. Screw on the outer threaded sleeve in a clockwise direction until hand tight (Fig. 8).

■ Remove plastic cap from top of propane bottle and screw propane bottle into regulator hand tight (Fig. 9).



■ Propane cylinder correctly installed (Fig. 10).

■ Never operate stove with propane cylinder in an inverted position (Fig. 11).



Leak Check

⚠ WARNING

- Perform leak test outdoors.
- Extinguish all open flames.
- NEVER leak test when smoking.
- Do not use the outdoor stove until connection has been leak tested and does not leak.

⚠ WARNING



• BURN HAZARD

- Never leave stove unattended when hot or in use.
- Keep out of reach of children.

To Light

⚠ DANGER



• EXPLOSION - FIRE HAZARD

- Propane is heavier than air and can accumulate in low places. If you smell gas, leave the area immediately.
- Always attach or detach propane source outdoors; never while stove is lighted, near flame, pilot lights, other ignition sources or while stove is hot to touch.
- This stove is red hot during use and can ignite flammables too close to the burners. Keep flammables at least 12 inches from the sides and 48 inches from the top of the stove. Keep gasoline and other flammable liquids and vapors well away from stove.
- The stove must not be exposed to flammable vapors or liquids during lighting.

INSTASTART™

Electronic Ignition Stoves

- Set on sturdy, flat surface. **For outdoor use only.**
- Push igniter button and hold; then open fuel valve fully (Fig. 12).
- Repeat for the other burner if needed.

Note: If igniter fails to light stove, replace the battery with a fresh AAA alkaline battery. If the igniter still fails to light stove, use match to light burner. If the stove is wet the igniter may not spark.

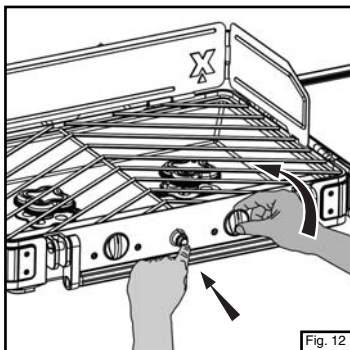


Fig. 12

Match Lighting

- Set on sturdy, flat surface. **For outdoor use only.**
- Hold lighted match near burner and open burner valve (Fig. 13).
- Repeat for the other burner if needed.

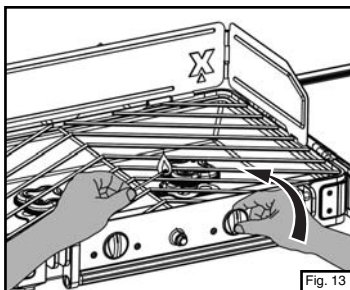


Fig. 13

- Adjust flame with burner valves (Fig. 14). Flame should be blue with a hint of yellow on tips.

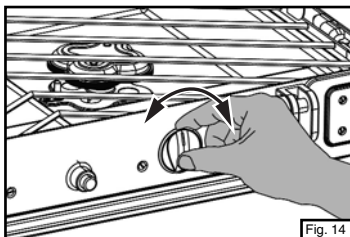


Fig. 14

To Turn Off

- Close the burner valves firmly (Fig. 15).

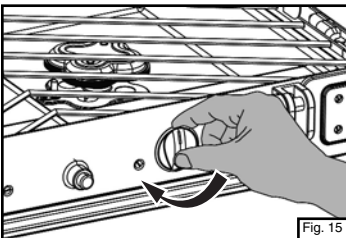


Fig. 15

To Clean

- Make sure stove is cool.
- Move stove away from flame (including pilot lights) and other ignition sources.
- Remove propane cylinder from regulator and replace protective cap on cylinder (Fig. 16).
- Remove regulator from stove (Fig. 17).

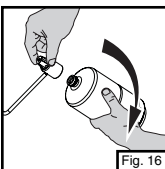


Fig. 16

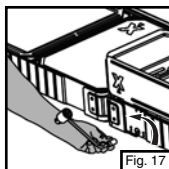


Fig. 17

• MAINTENANCE

- Keep stove area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
- Do not obstruct the flow of combustion and ventilation air.
- A good flame should be blue with minimal yellow tip. Some yellow tips on flames are acceptable as long as no carbon or soot deposits appear.
- Wipe clean with soft cloth and mild dish detergent. Do not use abrasives (Fig. 18).

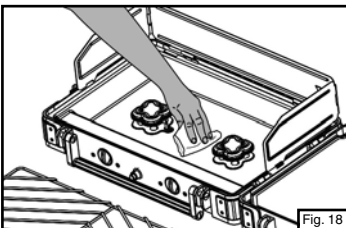


Fig. 18

To Store

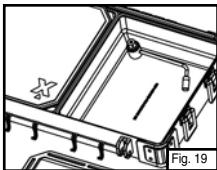
⚠ DANGER



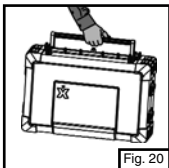
• EXPLOSION - FIRE HAZARD

- Never store propane near high heat, open flames, pilot lights, direct sunlight, other ignition sources or where temperatures exceed 120 degrees F (49°C).
- The disposable cylinder must be disconnected when the stove is in storage.

- For storage or transport, the regulator may be located in the reservoir on the food prep side (Fig. 19).



- To carry the stove, check to make sure the latches on the side are snapped closed and secure, then firmly grasp the stove by the handle (Fig. 20).



To Set Up with a 20# Cylinder

General Safety Information

⚠ WARNING

- DO NOT vent propane vapor from the cylinder before taking it to be refilled.
- DO NOT use gas stove indoors or store any refillable propane cylinder(s) indoors, including in the garage, breezeways, sheds or enclosed areas.
- Keep the service valve closed and plugged or capped (as recommended by the manufacturer) when the cylinder is not connected to the appliance, including "empty" cylinders.

General Installation

⚠ WARNING

Keep the fuel supply hose away from any heated surfaces. During assembly of stove and when attaching or replacing the L.P. gas cylinder, insure that the gas supply hose is free of kinks and is at least 3 inches away from hot surfaces such as the stove housing.

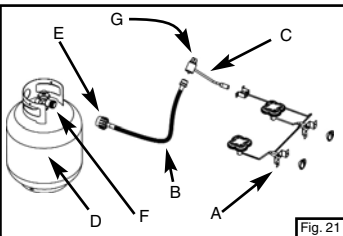
Portable L.P. Gas Barbecue Cylinders

Liquefied Petroleum gas (abbreviated L.P. gas or propane), is highly flammable. It becomes liquid when stored under high pressure inside a cylinder and vaporizes when released. L.P. gas is heavier than air and tends to collect in low areas. It is important that there are no leaking connections on your stove that could cause a fire or explosion (see the section titled "Leak Testing - Refillable Cylinders").

Portable LP stoves require a fuel delivery system which is comprised of a valve [A], a hose [B], a regulator [C] with vent hole [G], an L.P. gas supply cylinder [D], a Type 1 coupling nut [E] and a Type 1 cylinder valve [F], (Fig. 21). Illustration in Fig. 21 is for description purposes only.

⚠ WARNING

Your new stove is equipped with a Type 1 coupling nut [E]. DO NOT attempt to connect to any other refillable L.P. cylinder not equipped with a mating Type 1 cylinder valve [F]. This stove may only be used with cylinder connecting devices approved by Coleman.



Fuel Delivery System

L.P. Gas Cylinder

⚠ WARNING

- DO NOT insert any foreign objects into the valve outlet. You may damage the valve. A damaged valve can cause a leak, which could result in explosion, fire, severe personal injury or death.

⚠ WARNING

- Refillable cylinders must be stored outdoors out of the reach of children and must not be stored in a building, garage or any other enclosed area.

Cylinder Specifications

- Any refillable L.P. gas supply cylinder used with this stove must be approximately 12 inches diameter and 18 inches high. The maximum fuel capacity is 80% and is approximately 20 pounds of propane.
- The maximum weight of a properly filled cylinder will be approximately 38 pounds (47.7 lbs. nominal water capacity).
- The L.P. cylinder must have a shut-off valve terminating in a Type 1 L.P. gas cylinder valve outlet (see item [F], Fig. 21).

- A Type 1 compatible cylinder with a Type 1 cylinder valve has a back-check valve which does not permit gas flow, until a positive seal has been obtained.
- The cylinder must be arranged in an upright position for vapor withdrawal. It must also include a collar to protect the cylinder valve. A safety relief device having direct communication with the vapor space of cylinder must be provided. This will expel high pressure gas if the cylinder is over filled or overheated which could result in fire or explosion.
- All refillable L.P. gas cylinders used with this appliance shall be constructed and marked in accordance with the Specifications for L.P. Gas Cylinders of the U. S. Department of Transportation (DOT) or the National Standard of Canada, CAN/CSA-B339, Cylinders, Spheres and Tubes for Transportation of Dangerous Goods; and Commission, as applicable; and shall be provided with a listed overfilling prevention device, and a cylinder connection device compatible with the connection for outdoor cooking appliances.
- Read labels on the L.P. Gas Supply Cylinder.
- New refillable cylinders are always shipped empty for safety.
- Allow only qualified L.P. gas dealers to fill or repair your refillable L.P. gas supply cylinder.
- Inform the gas dealer if it is a new or used cylinder to be filled.
- Caution the gas dealer not to overfill the cylinder.
- After filling, have the gas dealer check for leaks and to see that the relief valve remains free to function.

⚠ CAUTION

Have the gas dealer weigh the cylinder after filling to ensure that the cylinder is not over filled.

Hose and Regulator

The Type 1 connection system has the following features:

1. The system will not allow gas to flow until a positive connection has been made.
- NOTE:** The cylinder control valve must be turned off before any connection is made or removed.
2. The system has a thermal element that will shut off the flow of gas in the event of a fire.
 3. The system has a flow limiting device which, when activated, will limit the flow of gas to 10 cubic feet per hour.
 4. NEVER use stove without leak testing this connection.

⚠ WARNING

- **DO NOT attempt to adjust the regulator as this could create a situation causing personal injury or property damage.**

The pressure regulator and hose assembly with the Type 1 fitting supplied with the appliance must be used. Do not use another hose and regulator assembly other than the one supplied with the stove or a Coleman® replacement pressure regulator assembly. The pressure regulator and hose assembly provided is factory set at an outlet pressure of 11 inches water column (1/2 psi).

- Keep the small vent hole in the regulator clean of dirt and debris (see item [G], Fig. 21).
- Consult your L.P. gas dealer if you think the regulator is not working properly.

Transporting the Refillable Cylinder

- Transport only one refillable cylinder at a time.
- Transport the cylinder in an upright and secure manner with a control valve turned off and the cap in place.
- DO NOT transport the cylinder in the passenger compartment, unless you have an open window ventilation.
- DO NOT leave the cylinder in direct sunlight or in a high heat area such as a closed car trunk. High heat areas could cause the relief valve to vent gas.
- Use a cylinder cap on the cylinder valve outlet during transport and when the cylinder is not connected to the stove.
- Keep the cylinder valve closed when not in use.
- Take the cylinder directly home after it has been filled.

⚠ WARNING

Handle a full cylinder with care. Gas is under high pressure.

⚠ DANGER

- NEVER store a spare L.P. gas supply cylinder in the vicinity of any heat producing appliance.
- NEVER fill the cylinder beyond 80% full.

Failure to follow this information exactly could result in an explosion and/or fire causing death or serious injury.

Attachment Kit Features

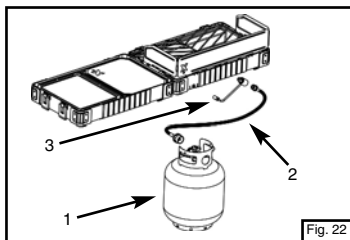


Fig. 22

1. 20 lb. Refillable Cylinder (purchase separately)
2. Fuel Hose
3. Regulator

Connecting 20 lb. Propane Gas Cylinders

NOTE: Your 9422 Series stove is set up from the factory to use a 20 lb. refillable propane cylinder. You may purchase a 20 lb. propane cylinder from the store where you bought your stove, or from your local propane dealer.

⚠ WARNING

This procedure **MUST** be performed **OUTDOORS** only! Be sure the LP cylinder valve is closed. Attach to the stove. Read and follow the directions on the cylinder.

1. Place the stove on a flat and level surface. Set up the stove (see Fig. 1 through Fig. 6) and make sure the controls are off (Fig. 23).

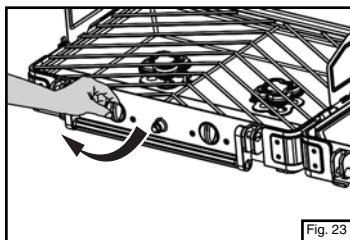


Fig. 23

2. Attach the fuel hose to the regulator (Fig. 24).

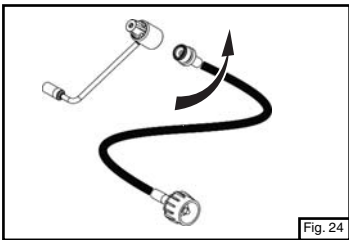


Fig. 24

3. The regulator uses a threaded fitting to attach to the stove. It is necessary to hold the stove to make sure the fitting is seated. Align the regulator to the fuel tube on the back of the stove and push on. Screw on the outer threaded sleeve in a clockwise direction until hand tight (Fig. 25).

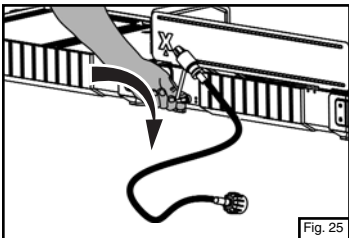


Fig. 25

⚠ WARNING

During assembly of the stove and when attaching or replacing the L.P. gas cylinder, insure that the gas supply hose is free of kinks and/or damage and is at least 3 inches away from hot surfaces such as the stove housing.

⚠ CAUTION

In the connection process, the stove side of the connection will seal on the back-check in the valve, resulting in a slight resistance. The connection requires about one-half to three-quarters additional turn to complete the connection. To disconnect, turn counterclockwise. Tighten by hand only. **DO NOT** use tools.

IMPORTANT!

TO ENSURE PROPER GAS FLOW, BURNER CONTROL VALVES MUST BE "OFF" BEFORE OPENING THE GAS CYLINDER VALVE.

- Set the LP Cylinder a flat and level surface with the outlet valve facing toward the back of the stove.
- Check that the cylinder valve is closed by turning the cylinder knob clockwise to a full stop (Fig. 26).

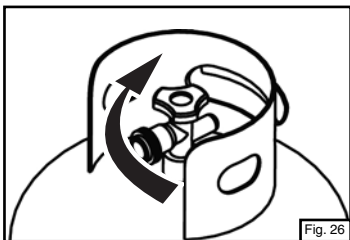


Fig. 26

- Check that both stove control knobs are in the off position (Fig. 27).

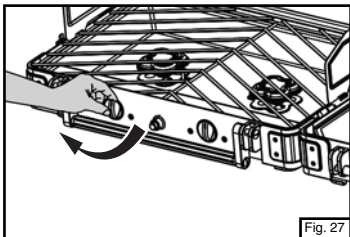


Fig. 27

- Remove the protective caps from the cylinder valve and coupling nut. NOTE: The coupling nut connects to the large outside threads on the valve outlet.
- Hold the hose in one hand and insert the nipple into the valve outlet. Be sure the nipple is centered in the valve outlet. Hand-tighten the coupling nut, taking care not to cross-thread the connection (Fig. 28).

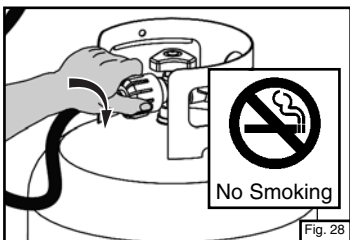
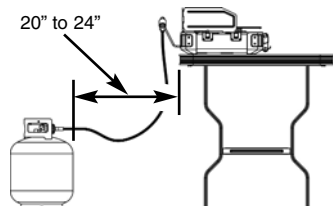


Fig. 28

- Turn the coupling nut clockwise, tighten to a full stop. If you cannot complete the final connection, disconnect the coupling nut and repeat steps 8 and 9. If you are still unable to complete the connection, DO NOT use this hose and valve!
- Check that the hose has no kinks or sharp bends and clears areas that will become hot during use. Never put strain on the hose where it joins a fitting.
- BEFORE** lighting stove, check all connections for leaks using the procedure as shown in the section titled "LEAK TESTING".

⚠ WARNING

- The gas hose is a tripping hazard. Keep yourself and others away from the gas hose when in use or attached to an appliance.
- Do not tip or move the fuel supply.



- Turn off fuel at the cylinder and disconnect both ends of the hose when not in use.
- You must follow these instructions exactly or a fire causing death or serious injury may occur.

Fig. 29

Dismantling High Pressure Hose

- Before dismantling the high pressure hose, be sure gas pressure in the hose is eliminated.
- Ignite stove and turn off gas valve on cylinder.
- Allow flame to self-extinguish.
- When flame is out, close valves on appliance.
- Remove hose.

Leak Testing - Refillable Cylinders

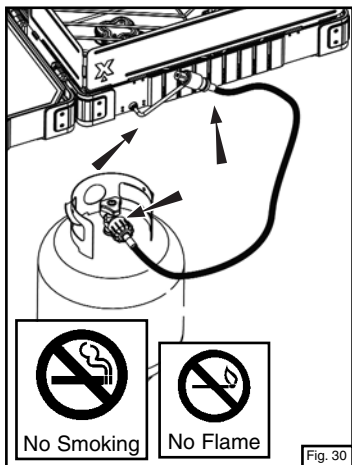
⚠ DANGER

TO PREVENT FIRE OR EXPLOSION HAZARD:

- NO SMOKING.** DO NOT use or permit sources of ignition in the area while doing a leak test.
- Perform leak tests outdoors only.
- NEVER** perform a leak test with fire or flame.

How to Check for Leaks

1. Make a soapy solution of equal parts mild liquid dishwashing detergent and water.
2. Turn off all burner control knobs.
3. Turn on the fuel supply. Turn the cylinder valve knob counterclockwise (right to left) one rotation.
4. Apply a soap solution to the connections indicated with the arrows in Fig. 30. If bubbles appear at these areas, a leak is indicated.



Fixing A Fuel Leak

If you detect a leak:

1. Turn off the fuel supply. Turn on the control knobs to release pressure in the hose, then turn the control knobs back to off.
2. Wash off soapy solutions with cold water and towel dry.
3. Stop a leak by tightening the loose joint, or by replacing the faulty part with a replacement part recommended by Coleman. DO NOT attempt to repair the cylinder valve if it should become damaged; the cylinder MUST be replaced.
4. If you are unable to stop a leak, shut off the gas supply at the cylinder valve. Remove the cylinder from the stove. Call a gas appliance serviceman or L.P. gas dealer. DO NOT use stove until the leak is corrected.

When to test for leaks:

1. Perform a leak test each time the gas supply cylinder is connected to the hose end. Leak test anytime a part of the gas system is replaced.
2. Perform a leak test at least once each year whether the L.P. gas supply cylinder has been disconnected or not.
3. Have a dealer check the cylinder for deterioration after 12 years, according to DOT regulations. Immediately replace the cylinder if any deterioration is found.

CAUTION

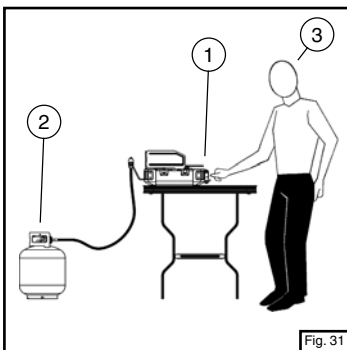
Inspect the gas supply hose before each use. If there are cuts, damage, excessive abrasion or wear, replace the hose prior to operating the appliance. During assembly of the stove and when attaching or replacing the L. P. gas cylinder, insure that the gas supply hose is free of kinks and/or damage and is at least three inches away from hot surfaces such as the stove housing. Use only hose replacements specified in the parts list.

Lighting Instructions - Refillable Cylinders

WARNING

THE FOLLOWING RULES MUST ALWAYS BE FOLLOWED IN THIS ORDER (Fig. 31):

1. Check that the burner control knobs are turned to "OFF".
2. Turn on the fuel supply. For a refillable L.P. gas cylinder, turn the top cylinder valve knob counterclockwise one rotation to open.
3. DO NOT stand with your head or arms over the stove.



Continue the lighting sequence by following the section "To Light" on page 4.

Shutting Off the Stove

1. Turn all burner control knobs to off.
2. After the burner flame goes out, turn off the fuel supply. For a refillable L.P. cylinder, turn the L.P. cylinder knob in a clockwise direction until it stops.

⚠ CAUTION

Be certain the gas is shut off at the L.P. cylinder valve anytime the stove is not in use.

In Case of Grease Fire

Follow These Steps:

1. Shut off the gas at the burner valve(s) and stay away!
2. Allow the fire to burn itself out.
3. Once the fire is out and the appliance has cooled, shut off the L.P. cylinder valve.
4. Clean all parts and inspect for damage. Parts to check for damage are the L.P. cylinder, cylinder valve, regulator, gas supply hose, burner valve(s) and burner(s).
5. If any of the above mentioned components are damaged, seek replacement from Coleman before operating the stove again. Locate your nearest service center by calling 1-800-835-3278.

Moving and Storage

Steps to follow before storing the stove:

- For outdoor use only. If the stove is stored indoors, detach and leave the refillable cylinder outdoors. If left outdoors, turn off the fuel supply to the L.P. cylinder and cover the stove for protection from the weather. The accessory section of this manual lists a stove carry case suitable for storage and carrying the stove.

⚠ WARNING

If the stove is not in use, the gas **MUST** be turned off at the fuel supply cylinder.

Place the dust cap on the cylinder valve outlet whenever the cylinder is not in use. Only install the type of dust cap on the cylinder valve outlet that is provided with the cylinder valve. Other types of caps or plugs may result in leakage of propane.

Troubleshooting

NOTE: The following “Troubleshooting Causes and Solutions” are specific to issues related to a stove setup with a 20 lb. refillable propane cylinder.

Problem: Stove will not light when the igniter button is pushed or has incomplete burner flame.

Possible Causes and Solutions:

1. Lack of fuel. Check to see that the cylinder valve is open and the cylinder has fuel.
2. Burner ports, orifices, valves or hose have blockage. Clean the components.
3. Crimped fuel supply hose needs straightened.

4. Regulator failure or damaged hose need to be replaced by an authorized service dealer.
5. Make sure the hose to the cylinder is properly assembled. See the section titled “Connecting 20 lb. Propane Gas Cylinders”.
6. The “Flow Limiting Device” may have been activated. Refer to the special instructions in the next section “For Your Additional Safety”.

Problem: Yellow flame.

Possible Causes and Solutions:

1. Air may be in the cylinder if the cylinder was not properly purged. Use up remaining gas; the yellow flame may disappear with use.

Problem: Flame blows out on low setting or has uneven heat distribution.

Possible Causes and Solutions:

1. Lack of fuel. Check to see that the cylinder valve is open and that the cylinder has fuel.
2. The “Flow Limiting Device” may have been activated. Refer to the special instructions in the next section “For Your Additional Safety”.

Problem: Fire at any connection.

Possible Causes and Solutions:

IMMEDIATELY shut off cylinder valve and allow stove to cool.

1. Gas is leaking from a faulty connection. Tighten connections with an adjustable wrench and replace damaged parts. Perform a leak test on all connections before cooking on the stove again.

Problem: Flame behind control panel or control knob area.

Possible Causes and Solutions:

IMMEDIATELY shut off cylinder valve and allow the stove to cool.

1. Gas is leaking from a faulty connection. Tighten connections with an adjustable wrench and replace damaged parts. Perform a leak test on all connections before cooking on the stove again.

⚠ DANGER

If a fire occurs at the cylinder valve, **DO NOT** attempt to move the cylinder. **IMMEDIATELY** call the fire department and clear the area. You can safely spray water with a garden hose from a distance of at least 15 feet away from cylinder until firemen arrive.

For Your Additional Safety

Current refillable L.P. gas cylinders are fitted with an Overfill Protection Device (O.P.D.). To insure that you retain this safety-device, take your cylinder to an L.P. gas service station for filling, or when exchanging your cylinder at a cylinder exchange station, request that your replacement cylinder be fitted with the O.P.D. feature.

YOUR NEW GAS STOVE IS EQUIPPED WITH A TYPE 1 CONNECTION DEVICE WHICH HAS 3 SAFETY FEATURES (FIG. 32):

1. Proof of gas seal between the connector and the cylinder before gas flow takes place.
2. A flow-limiting device designed to limit the flow of gas in the event of a regulator or hose failure.
3. The connection has a thermal shut-off which will stop the flow of gas if the connection reaches a certain temperature.

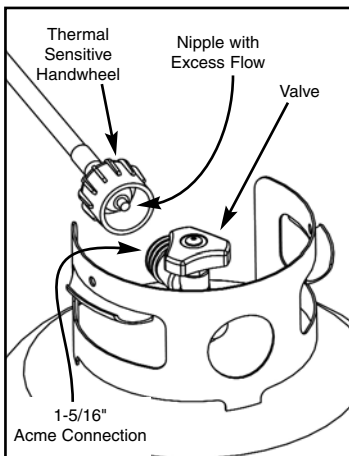


Fig. 32

TYPE 1 CONNECTION

CURRENT GAS CYLINDERS ARE ALSO EQUIPPED WITH AN OVERFILL PROTECTION DEVICE (O.P.D.) WHICH GREATLY REDUCES THE CHANCE OF ACCIDENTALLY OVERFILLING THE CYLINDER.

SPECIAL NOTE CONCERNING L.P. GAS CYLINDERS:

It is important to insure that your gas cylinder is properly purged before it is filled. If you purchase a new cylinder, please inform your propane gas dealer that this is a new cylinder and needs to be properly purged before being filled.

SPECIAL NOTE CONCERNING TYPE 1 CONNECTION DEVICES:

If you notice very small flames on the burner(s), you may have accidentally activated the flow-limiting device in the Type 1 connection device. Besides a rupture in the gas hose, the flow-limiting device may activate for one of the two following reasons:

1. Opening the burner valves before opening the cylinder valve.

SOLUTION: Shut off the burner valves and the L.P. cylinder valve and open in the proper order:

- a). Open the L.P. cylinder valve first, then
- b). Open burner valve and ignite the burner according to the instructions in this manual for your stove.

IF YOU STILL HAVE A PROBLEM, THEN THERE MAY BE AIR IN THE CYLINDER DUE TO IMPROPER PURGING.

2. The L.P. cylinder was not properly purged before it was filled.

SOLUTION: See your L.P. gas supplier.

Griddle

- Lay the griddle on the left or right side of the grate over the burner. The feet on the bottom side of the griddle must engage the grate (Fig. 33).

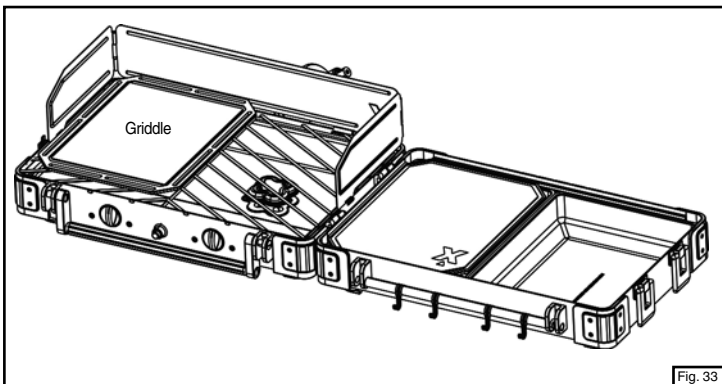


Fig. 33

NOTE TO PREVENT DAMAGE WHICH WILL VOID THE WARRANTY:

- Do not use pots, pans, ovens, etc., on this griddle surface.
- Do not use metal cooking utensils that could scratch the griddle surface.
- Do not use this griddle on a campfire or other open fire.
- Use this griddle only on the Coleman® stove for which it was designed.

Cleaning the Griddle

- Make sure stove and griddle are cool.
- Wipe clean with soft cloth and mild dish detergent. Do not use abrasives on the non-stick griddle surface.

Storing the Griddle and the Cutting Board

- Insert one edge of the griddle into the channel on the food prep side. Push the griddle into the channel against the foam rubber padding. Rotate the other edge down (Fig. 34).

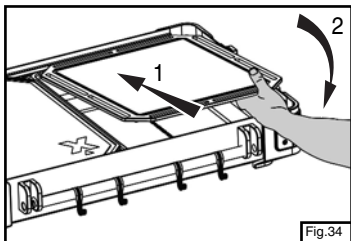


Fig. 34

- Next, hold the corners of the griddle as shown in Figure 35. While using your thumbs to push against the inside of the stove, in the direction of Arrow # 3, insert the griddle into the storage channel.
- Install the cutting board in the same manner.

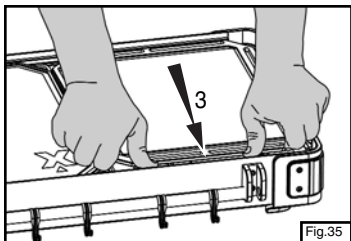


Fig. 35

Things You Should Know

1. It is unsafe and illegal in some places to store or use propane cylinders of greater than 1.14 kg (2.5 lbs) water capacity (approximately 1 lb. propane) in occupied enclosures.
2. The usual storage areas for camping and picnic equipment are the basement, attic, or garage. To avoid the accumulation of dust, cobwebs, etc., that is common in these areas, place your stove in a plastic bag and seal it with a rubber band.
3. For repair service call one of the numbers on the front cover for location of your nearest Coleman Service Center. If a service center is not conveniently located, attach to the product a tag that includes your name, address, daytime telephone number and description of the problem. Carefully package the product and send either by **courier** or **insured mail** with shipping and **insurance** prepaid to:

For products purchased in the United States:

The Coleman Company, Inc.
3600 North Hydraulic
Wichita, KS 67219

For products purchased in Canada:

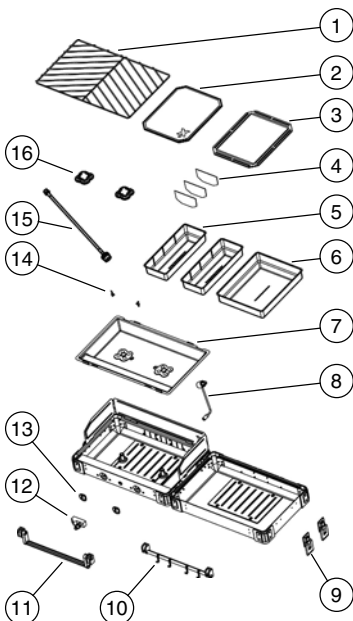
Sunbeam Corporation (Canada) Limited
DBA Jarden Consumer Solutions
20B Hereford Street
Brampton (Ontario) L6Y 0M1

4. If not completely satisfied with the performance of this product, please call 1-800-835-3278 in the US or 1 800 387-6161 in Canada.

www.coleman.com

Parts List

No.	Part Number	Description
1	9422-3161	Pot Support / Grate
2	9422-1031	Cutting Board
3	9422-3151	Griddle
4	9422-5731	Partition Kit (3 pk.)
5	9422-1011	Storage Bin
6	9422-1021	Reservoir / Basin
7	9422-1551	Cook Top
8	5430-5651	Regulator
9	9422-5701	Latch Kit
10	9422-5711	Towel Bar Kit
11	9422-5721	Handle Kit
12	9422-3861	Igniter Module
13	9422-1491	Control Knob
14	9422-5121	Electrode Assembly
15	5010000050	Hose Assembly
16	9422-5261	Burner Assembly



Accessory (sold separately)

Item	Part No.	Description
17	R9422-100C	Carry Case



Limited Five Year Warranty

The Coleman Company, Inc. ("Coleman") warrants that for a period of five years from the date of original retail purchase, this product will be free from defects in material and workmanship. Coleman, at its option, will repair or replace this product or any component of the product found to be defective during the warranty period. Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This is your exclusive warranty.

This warranty is valid for the original retail purchaser from the date of initial retail purchase and is not transferable. Keep the original sales receipt. Proof of purchase is required to obtain warranty performance. Coleman dealers, service centers, or retail stores selling Coleman® products do not have the right to alter, modify or in any way change the terms and conditions of this warranty.

What This Warranty Does Not Cover

This warranty does not cover normal wear of parts, parts that are not genuine Coleman® parts, or damage resulting from any of the following: negligent use or misuse of the product; use on improper voltage or current; commercial use of the product; use contrary to the operating instructions; disassembly, repair or alteration by anyone other than Coleman or an authorized service center. Further, the warranty does not cover Acts of God, such as fire, flood, hurricanes and tornadoes. Warranty void if damage to product results from the use of a part other than a genuine Coleman® part.

COLEMAN SHALL NOT BE LIABLE FOR DEFECTS THAT ARE CAUSED BY THE USE OF UNAUTHORIZED PARTS OR SERVICE. COLEMAN SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY OR CONDITIONS. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED IN DURATION TO THE DURATION OF THE ABOVE WARRANTY OR CONDITIONS. SOME STATES, PROVINCES, OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

How to Obtain Warranty Service

Take the product to an authorized Coleman service center. You can find the nearest authorized Coleman service center by visiting www.coleman.com or calling 1-800-835-3278 or TDD 316-832-8707 in the United States or 1 800 387-6161 in Canada. If a service center is not conveniently located, attach to the product a tag that includes your name, address, daytime telephone number and description of the problem. Include a copy of the original sales receipt. Carefully package the product and send either by **courier** or **insured mail** with shipping and **insurance** prepaid to:

For products purchased in the United States:

The Coleman Company, Inc.
3600 North Hydraulic
Wichita, KS 67219

For products purchased in Canada:

Sunbeam Corporation (Canada) Limited
DBA Jarden Consumer Solutions
20B Herford Street
Brampton (Ontario) L6Y 0M1

The costs of transporting the product to Coleman or an authorized service center for warranty service is the responsibility of the purchaser.

Do not mail products with fuel in tanks, or with disposable propane cylinders. Remove glass globes from lanterns and wrap separately.


DO NOT RETURN THIS PRODUCT TO THE PLACE OF PURCHASE.

If you have any questions regarding this warranty please call 1-800-835-3278 or TDD 316-832-8707 in the United States or 1 800 387-6161 in Canada.



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