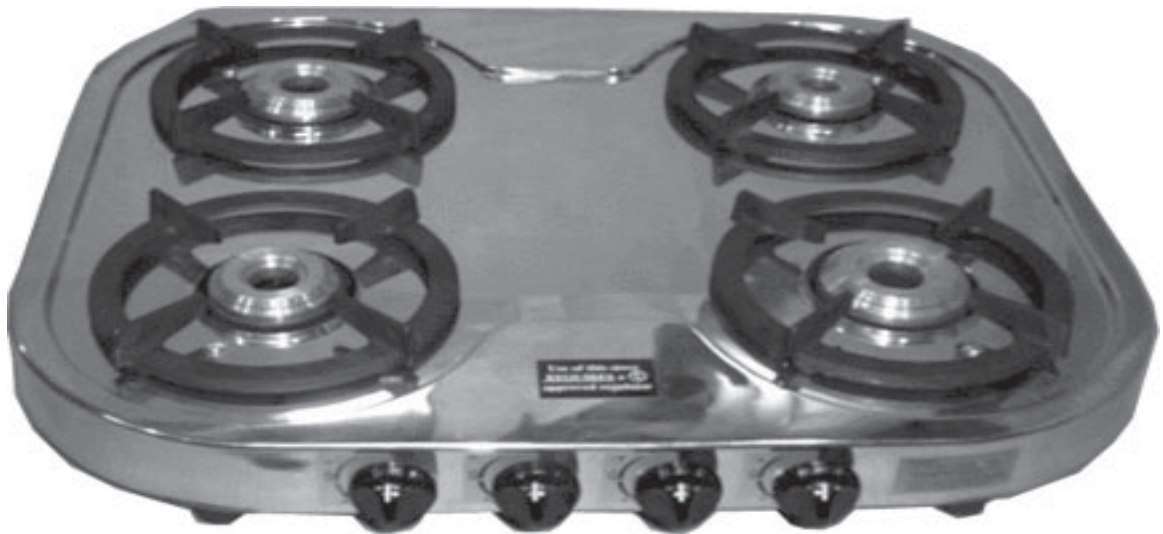


# FOUR BURNER PROPANE STOVE

Model 04826

## ASSEMBLY and OPERATING INSTRUCTIONS



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**For technical questions and replacement parts, please call 1-800-444-3353**

## Specifications

Construction	Cast Iron
Finish	Stainless Steel Surface / Brass Burners
Overall Size	23-1/2" L x 22-1/8" W x 3" H
Burner Dimensions	2 at 2-5/8" OD x 1" ID
	2 at 3-1/8" OD x 1-3/32" ID
Propane Valve Inlet	1/4" NPT Female

You must always use a UL® listed regulator with this product (not included). LP Regulators and Hose Kits such as item # 33447 are available from Harbor Freight Tools. Check with your local gas supplier for assistance in setting up and using the regulator.

## Save This Manual

You will need the manual for the safety warnings and precautions, assembly instructions, operating and maintenance procedures, parts list and diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep the manual and invoice in a safe and dry place for future reference.

## Safety Warnings and Precautions

**WARNING: When using product, basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment.**

**Read all instructions before using this product!**

1. **Keep work area clean.** Cluttered areas invite injuries.
2. **Observe work area conditions.** Do not use Stove in damp or wet locations. Don't expose to rain. Keep work area well lighted.
3. **Keep children away.** Children must never be allowed in the work area. Do not let them handle machines, tools, or extension cords.
4. **Store idle equipment.** When not in use, the Stove must be stored in a dry location to inhibit rust. Always lock up the Stove and keep out of reach of children.
5. **Use the right product for the job.** Do not attempt to force a small product to do the work of a larger industrial product. There are certain applications for which this product was designed. It will do the job better and more safely at the rate for which it was intended. Do not modify this product and do not use this product for a purpose for which it was not intended.
6. **Dress properly.** Do not wear loose clothing as it may contact the flame and catch fire. Protective, electrically nonconductive clothes and nonskid footwear are recommended when working. Wear restrictive hair covering to contain long hair.
7. **Use eye and ear protection.** Always wear ANSI approved impact safety goggles when assembling the Stove.
8. **Do not overreach.** Keep proper footing and balance at all times.

9. **Maintain Stove with care.** Keep the Stove clean for better and safer performance.
10. **Disconnect propane.** Remove propane source hose when not in use.
11. **Avoid unintentional starting.** Do not attach the propane source hose to the Stove unless you are ready to use it. Never leave the unit when it is attached to a fuel source.
12. **Stay alert.** Watch what you are doing, use common sense. Do not operate the Stove when you are tired.
13. **Check for damaged parts.** Before using the Stove, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts; any broken parts or mounting fixtures; and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician. Do not use the Stove if any knob does not turn On and Off properly.
14. **Replacement parts and accessories.** When servicing, use only identical replacement parts. Use of any other parts will void the warranty.
15. **Do not operate the Stove if under the influence of alcohol or drugs.** Read warning labels if taking prescription medicine to determine if your judgement or reflexes are impaired while taking drugs. If there is any doubt, do not operate the Stove.
16. **Maintenance.** For your safety, maintenance should be performed regularly by a qualified technician.

**Warning: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.**

**WARNING:** The brass components of this product contain lead, a chemical known to the State of California to cause birth defects (or other reproductive harm). (California Health & Safety code 25249.5, et seq.)

## Unpacking

When unpacking, check to make sure the parts listed on page 7 are included. If any parts are missing or broken, please call Harbor Freight Tools at the number on the cover of this manual as soon as possible.

## Operational Warnings

1. **This Stove is designed for outdoor use only.** Do not use this Stove in a trailer, tent, house, garage, or any enclosed area. Carbon Monoxide, an odorless, colorless deadly gas may accumulate and cause serious injury or death.
2. **Always use the Stove in an open area away from buildings, dry leaves or brush.** Be aware of wind blown sparks. Never operate this Stove near other flammable or combustible sources or materials.
3. **Avoid high pedestrian traffic areas.** Do not allow people or pets to conduct activities near the Stove while the unit is in use, or just following use. The Stove body is very hot during and shortly after use.
4. **Never use gasoline, kerosene, or other highly volatile fluids as a starter as they can explode.**
5. **Never attempt to move a hot Stove.**
6. **Before operation, make sure all of the Stove parts are securely in place and that the Stove is sitting on a flat, level, fire retardant surface.**
7. **Never leave a lit Stove unattended.**
8. **Do not clean the Stove with corrosive or combustible cleaners.**
9. **Make sure the propane tank is disconnected from the unit when the Stove is not in use.**
10. **Never smoke when lighting the Stove.** Make sure all surrounding flames are extinguished.
11. **Keep a fire extinguisher nearby and use baking soda to extinguish a grease fire.** If you do not have a commercial extinguisher, keep a bucket of sand and a garden hose at the ready.
12. **Prior to use, always check the male connection threads on the propane cylinder and the female connection threads on the Stove Gas Valve Assembly for damage.** Do not use if you suspect damage to either the threads or the propane cylinder. Return the cylinder to the gas distributor for replacement. If you suspect damage to the Gas Valve Assembly on the Stove, discontinue use and replace the damaged part.
13. **If any of the following problems exist, turn off the Stove immediately and have a qualified technician check the stove:**
  - a. The smell of gas in conjunction with extreme yellow tipping of the burner flames.
  - b. The Stove does not reach temperature.
  - c. The burner makes a popping noise during use. (A slight popping noise when the burner is extinguished is normal.)
14. **This Stove is designed to be fueled with propane usually found in cylinders like the type used in gas barbecues.**
15. **Before each use, check connections and joints for gas leaks. Check hoses for crack and wear.** Replace cracked or worn hoses.
16. **A normal lit burner should operate with a blue flame with a small yellow tip.** Adjust if the flame sputters or pops. If the flame is not operating normally, shut off the gas valve before checking to see if anything is obstructing the gas flow. **Do not operate the Stove if you feel it is not operating in a normal fashion.**
17. **During use, if you notice a gas odor, shut down the Stove and carefully check for leaks using soapy water.** If the odor continues, contact your local gas supplier for assistance.
18. **Never reach across the Stove when cooking.** The entire Stove is very hot during operation.

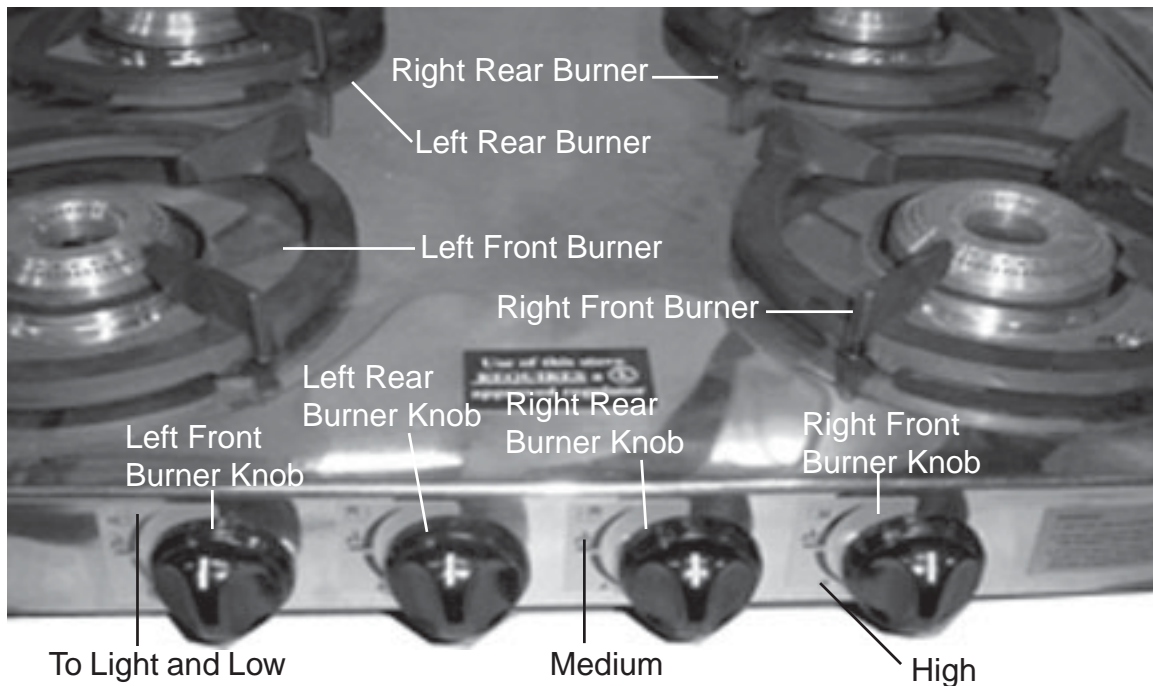
## Assembly

The unit comes from the factory with several strings keeping the hoses and stove parts in place. Cut and dispose of the strings.

1. Place the threaded bolt imbedded in the **Rubber Leg (#3)** through the metal foot bracket on one of the bottom corners of the stove. Secure it with one hand while adding a nut with the other hand. Repeat on the four other corners.

**This Stove is designed to be fueled with (LPG. = Liquid Petroleum Gas) propane usually found in cylinders like the type used in gas barbecues.**

**FIGURE 1**



**Note:** The **Knobs (#4)** are in the off position (12 o'clock) in **FIGURE 1** above.

### Attaching an propane cylinder.

1. Make sure the **Knobs (#4)** are all in the "Off" position. See **FIGURE 1**.
2. Situate the propane cylinder (not included) outdoors, away from pilot lights, flames, sparks, or other ignition sources. Attach the male end of the regulator/hose to the cylinder.

**Note:** Read and adhere to all safety warnings and instructions provided in the regulator manufacturer's manual.

3. Attach the regulator/ hose (not included) from the propane cylinder by threading the female end clockwise onto the Gas Inlet. Hand tighten only. Never use tools to tighten hoses onto the valve assembly. Turn on the propane cylinder.

4. Check for gas leaks by:

- a. Listen for the hiss of escaping gas.
- b. If the cylinder feels extremely cold, a leak is possible.
- c. Smell for a rotten egg odor.
- d. Apply soapy water to all of the connections and look for bubbles.

If you find evidence of leakage, turn off the propane cylinder immediately. Redo the connection and test again. If it continues to leak, turn off the propane cylinder and disconnect. Contact your local gas distributor to replace the cylinder and hose. If the leakage comes from the valve on the Stove, contact Harbor Freight Tools for a replacement part.

**Caution! Explosion Danger: Do not use the Stove if the gas is leaking.**

## Operation

See **FIGURE 1** on page 5.

**Warning!** Before operation, make sure the Stove is on a flat, level, fire retardant surface capable of supporting the Stove and the items to be cooked.

1. You do need matches to start the Stove. We recommend using long, fireplace, wooden matches.

**Note:** **FIGURE 1** on page 5 illustrates which knob controls each burner.

2. Light your match and position the match head so it is almost touching the outlet holes on the burner, and push in and turn one of the **Knobs (#4)** to the “To Light and Low “ position, the first mark moving counterclockwise from the “off” position (see **FIGURE 1** on page 5) to light the Stove. Once it lights, move the **Knob (#4)** to the desired cooking position. See **FIGURE 1** on page 5. You must light each burner individually.

3. To shut off the stove, turn each **Knob (#4)** to “Off” (12 o’clock. Turn off the valve on the propane cylinder.

4. Allow sufficient time for the Stove to completely cool before disconnecting and removing the propane cylinder.

5. Unscrew the regulator/hose (not included) from the Assembly Valve in a counterclockwise direction.

**Always disconnect the propane cylinder from the Stove when it is not in use.**

## Maintenance and Storage

**Do not perform any maintenance until the Stove has had ample time to cool down.**

1. Clean the Stove with a damp cloth and mild detergent. Dry the Stove.

**Do not clean the Stove with corrosive or combustible cleaners.**

2. When not in use, the Stove should be stored and locked up in a dry location to inhibit rust. Always allow sufficient time for the Stove to cool before storing. Keep it out of reach of children.

3. When storing, the propane cylinder and the regulator/hose must be removed from the Stove. The propane cylinder and the regulator/hose should be stored indoors in a well ventilated area above ground level. Consult your local gas distributor for propane cylinder storage guidelines.

4. Always make sure the valve on the propane cylinder is in the “Off” position during storage.

## Parts List

Part No.	Description
1	Brass Burner Top (big)
2	Brass Burner Top (small)
3	Rubber Leg
4	Knob
5	Nozzle
6	Pan Support Ring
7	Pipe Assy. with Gas Burner Valve
8	Gas Burner Valve
9	Mixing Tube (big)
10	Mixing Tube (small)

### PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER NOR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

**NOTE:** Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.

# Assembly Drawing

