

DOUBLE BURNER STOVE CAST IRON

MODEL #44894

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:	Flat Black
Overall Size:	19-7/8"L x 11"W x 5-3/8"H
Burner Diameter:	4-3/4" x 7/8"
Fuel Type:	Liquid Propane

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. **Avoid using alone.** If an accident happens, an assistant can bring help.
2. **Keep area clean.** Cluttered areas invite injuries.
3. **Observe area conditions.** Do not use product in damp or wet locations. Do not expose to rain.
4. **Keep children away.** Children must never be allowed in the use area. Do not let them handle propane, tools, or cords.
5. **Store idle equipment.** When not in use, this product must be stored in a dry location to inhibit rust.
6. **Dress properly.** Do not wear loose clothing or jewelry as they can be caught in parts. Wear restrictive hair covering to contain long hair.
7. **Use eye protection.** Always wear ANSI approved impact safety goggles.
8. **Do not overreach.** Keep proper footing and balance at all times. Do not reach over or across stove. **Be aware that all parts of the stove become very hot when in operation.**
9. **Maintain product with care.** Inspect product periodically and, if damaged, have it repaired by an authorized technician.
10. **Use the right tool for the job.** Do not attempt to force a small product or attachment to do the work of a larger industrial product. There are certain applications for which this stove was designed. Do not modify this product and do not use this product for a purpose for which it was not intended.

11. **Stay alert.** Watch what you are doing, use common sense. Do not operate any tool when you are tired.
12. **Check for damaged parts.** Before using this product, 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 switch does not turn On and Off properly.
13. **Replacement parts and accessories.** When servicing, use only identical replacement parts. Use of any other parts will void the warranty. Only use accessories intended for use with this tool. Approved accessories are available from Harbor Freight Tools.
14. **Do not operate this product if under the influence of alcohol or drugs.** Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate this product.
15. **Maintenance.** For your safety, maintenance should be performed regularly by a qualified technician.

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.*)

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.

CAUTIONS FOR OPERATING

1. **THIS STOVE IS DESIGNED FOR OUTDOOR USE ONLY.** Do not use this product in a trailer, tent, house, garage, or any enclosed area because carbon monoxide may accumulate and cause serious personal 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.
3. **AVOID HIGH PEDESTRIAN TRAFFIC AREAS.** Do not allow people or pets to conduct any activities near the Stove while the unit is in use, or following its use. The Stove body is hot during the period of use and will remain hot for a period of time after its 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. **MAKE SURE ALL PARTS OF THE STOVE ARE FIRMLY IN PLACE AND THE STOVE IS POSITIONED ON A FLAT, LEVEL, FIRE RETARDING SURFACE.**

7. **NEVER LEAVE THE STOVE UNATTENDED ONCE IT IS LIT.**
8. **DO NOT CLEAN THE STOVE WITH CLEANERS THAT ARE COMBUSTIBLE OR CORROSIVE.**
9. **MAKE SURE THE PROPANE CYLINDER IS DISCONNECTED FROM THE UNIT WHEN THE STOVE IS NOT IN USE.**
10. **NEVER SMOKE WHILE ATTEMPTING TO LIGHT THE STOVE. MAKE SURE ALL SURROUNDING FLAMES ARE EXTINGUISHED.**
11. **USE BAKING SODA TO CONTROL A GREASE FIRE AND HAVE A FIRE EXTINGUISHER HANDY.** A bucket of sand or a garden hose should be near if you do not have a commercial extinguisher.
12. **ALWAYS CHECK THE MALE CONNECTION THREADS ON THE LPG PROPANE CYLINDER AND THE FEMALE CONNECTION THREADS ON THE GAS VALVE ASSEMBLY (PART #5) OF THE STOVE FOR DAMAGE.** If you suspect damage to the propane cylinder, return the cylinder to the gas distributor and have it replaced. If you suspect damage to the Gas Valve Assembly, discontinue using the Stove and contact Harbor Freight Tools for a replacement Gas Valve Assembly.
13. **TURN OFF AND HAVE A QUALIFIED TECHNICIAN CHECK THE STOVE IMMEDIATELY IF ANY OF THE FOLLOWING EXISTS:**
 - 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 is normal when the burner is extinguished.)
14. This stove is designed to be used and operated on Low Pressure Gas (Propane) usually found in a gas cylinder (like the type used on gas barbecues).
15. This stove will not operate at the gas pressure coming from an L.P. gas cylinder. An L.P. regulator (set at 11" Water Column) is needed to properly operate the stove. **L.P. Regulator and Hose Kits such as Hurricane Products item #33447, are available from Harbor Freight Tools.** Your local L.P. gas supplier can assist you in setting up and using the L.P. Regulator.
16. **Before each use, always check all gas connections and joints to make sure no leaks are present.** Check hoses for cracks and wear and replace a damaged hose.
17. The lit burner should operate with a blue flame, with a small yellow tip. Adjust the air screw if the flame is sputtering or popping. 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 Propane Stove if you feel that it is not operating in a normal fashion.**
18. **Do not use or store any flammable liquid or material in the area surrounding the Propane stove.**

19. If while using this product you notice a gas odor, **IMMEDIATELY SHUT OFF THE GAS FUELING THIS PRODUCT.** Extinguish all open flames and carefully check for leaks by using soapy water. If the odor continues, do not use the propane stove. Call your gas supplier for assistance.

20. Never reach across the stove when cooking. **Be aware that all parts of the stove become very hot when in operation.**

21. Never allow children to use the propane stove. Keep children away from the stove when in use. **The stove is very hot immediately after being used.**

Unpacking

When unpacking, check to make sure the parts shown below are included. If any parts are missing or broken, please call Harbor Freight Tools at the number on the cover of this manual.

Assembly Instructions

Note: See page 8 for Parts Diagram.

1. Attach the four Legs (#4) to the stove Body Frame (#1), using supplied screws, flat washer, and nuts.
2. The Burners (#2) are already assembled to the Body Frame (#1).
3. The Adjustable Screws (#6) are already assembled on the Burner assembly. It is used for adjusting the volume of air into each burner. It can be adjusted to obtain the desired flame.
4. Screw in the Gas Valve Assembly (#5) firmly, with the Valve Handle (#7) on top.
5. The stove is ready to be hooked up to the L.P. regulator and L.P. tank.

To Attach An LPG Gas Cylinder To The Stove:

1. Make sure the Gas Valve Assembly Valve Handles (part #7) are in its locked **“OFF”** position (Valve Handle faces sideways) before attaching the LPG propane cylinder to the Stove.
2. Attach the LPG propane cylinder outdoors, away from pilot lights, flames, sparks, or other ignition sources.
3. Hand tighten (clockwise) the LPG propane cylinder onto the Gas Valve Assembly (part #5) of the Stove. Never use tools to tighten.
4. Check for gas leaks in one or more ways: Apply soapy water to all connections and look for bubbles. Listen for the hiss of escaping gas. Feel the LPG propane cylinder for extreme cold. Smell for a rotten egg odor.

(Do not use the Stove if gas is leaking.)

To Operate the Stove:

Warning: Before operation, make sure the stove is on a flat, level surface capable of supporting weight of the stove and items to be heated.

1. As an alternative to using a match, an electric, solid, metal chimney, or other starter specifically made for lighting propane fueled stoves from a distance is recommended for use.
2. Place a lit match, or alternative starter device, next to the Burner (part #2).
3. To ignite the Burner (part #2), slightly open the Valve Handle (part #7).
4. Remove the starter device immediately after the Burner (part #2) ignites.
5. To shut off the Stove, turn the Valve Handle (part #7) sideways.
6. Allow sufficient time for Stove to completely cool before removing the LPG propane cylinder.
7. To remove the LPG propane cylinder, unscrew the canister from the Gas Valve Assembly (part #5) in a counterclockwise direction.

To Store the Stove:

1. 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 completely cool before storing. Keep out of reach of children.
2. When storing, the LPG propane cylinder must be removed from the Stove. The LPG propane cylinder should be stored indoors in a well ventilated area above ground level.
3. Always make sure the Valve Handle (part #7) is in the “**OFF**” position after each use to prevent accidents.

CLEANING AND INSPECTION

NOTE: ALWAYS disconnect the LPG propane cylinder from the unit and allow the Stove to completely cool before performing any cleaning, maintenance, or repair.

1. Clean with a damp cloth and mild detergent, and dry.

Parts List

Part No.	Description	Qty.
1	Body Frame	1
2	Burner	2
3	Screw, Washer & Nut	4 of each
4	Leg	4
5	Gas Valve Assembly	1
6	Adjustable Screw	2
7	Valve Handle	2

Note: L.P. regulator and L.P. tank not included.

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

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.

Parts Diagram

