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COOKER

— EST. 2007 —

Portable Tabletop Gas Grill Owner's Guide

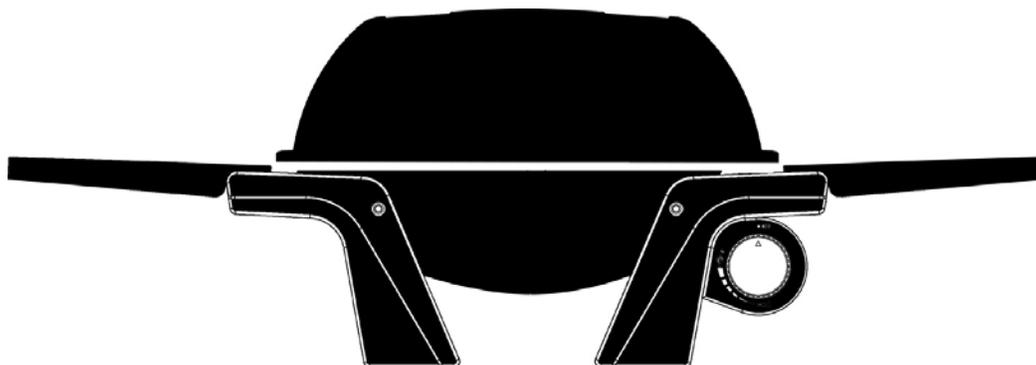


133079

Read and understand this manual to safely operate and maintain this product.



OWNER'S GUIDE



Thank you for purchasing our portable grill!

WARNING: FOR OUTDOOR USE ONLY

- This instruction manual contains important information necessary for the proper assembly and safe use of the appliance.
- Read and follow all warnings and instructions before assembling and using the appliance.
- Follow all warnings and instructions when using the appliance.
- Keep this manual for future reference.

Note to installer: Leave this Owner's Guide with the consumer after delivery and installation.

Note to customer: Leave this Owner's Guide in a convenient place for future reference.

DANGER

- If you smell gas:
- Shut off gas to the appliance.
- Extinguish any open flames.
- Open lid.
- If odour continues, keep away from the appliance and immediately call your gas supplier or your fire department.

Leaking gas may cause a fire or explosion which can cause serious bodily injury, death, or damage to property.

DANGER

- Never operate this appliance unattended.
- Do not use grill within 610 mm (2 ft) of any combustible material. Combustible materials include, but are not limited to wood or treated wood decks, patios or porches.
- Never operate this appliance within 7.5 m (25 ft) of any flammable liquid.
- If a fire should occur, keep away from the appliance and immediately call your fire department. Do not attempt to extinguish an oil or grease fire with water.

Failure to follow these instructions could result in fire, explosion or burn hazard, which could cause property damage, personal injury or death.

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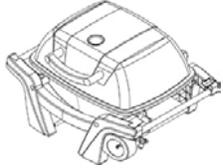
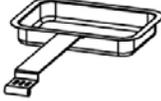
1. Warnings

Physical injury or property damage! It is your responsibility to assemble, operate and maintain your gas grill properly.

READ ALL WARNINGS AND INSTRUCTIONS PRIOR TO ASSEMBLING AND OPERATING YOUR GRILL.

- This grill is for outdoor use only. It should NOT be used in a building, garage or any other enclosed area.
- The use of alcohol, prescription or non-prescription drugs may impair an individual's ability to properly assemble or safely operate this appliance.
- Do not leave the grill unattended. Keep children and pets away from the grill all the times.
- Do not use the grill in high wind.
- This grill must be used with propane gas only. Liquid propane is not natural gas. The conversion or attempted use of natural gas in a liquid propane grill is dangerous and will void your warranty.
- Do not attempt to attach this grill to the self-contained propane system of a camper, trailer, motor home or house.
- Do not use charcoal or lighter fluid.
- Do not use gasoline, kerosene or alcohol for lighting .The LP-gas cylinder must be constructed and marked in accordance with the specifications for propane gas cylinder of the U.S. Department of Transportation (DOT).
- Do not attempt to move the grill when in use.
- Do not use the grill unless it is COMPLETELY assembled and all parts are securely fastened and tightened .if there are any missing or damaged parts, contact customer service for a replacement.
- Do not alter the grill in any manner.
- Do not operate the grill if there is gas leak present.
- The use and installation of this product must conform to local codes. In the absence of local codes, use the National Fuel Gas Code: ANSI Z223.1/NFPA54, Storage and Handling of Liquefied Petroleum Gases, ANSI.NFPA 58 or Natural Gas and Propane Installation Code, CSA B149.1; Propane Storage and Handling, CSA B149.2
- This appliance is not intended to be installed in or on a boat or recreational vehicle.
- Locate the grill away from any combustible or non-combustible materials or construction by at least 24 inches (61cm) from the back and sides.
- The appliance shall not be located under overhead unprotected combustible construction.
- When cooking with oil or grease, have a type BC or ABC fire extinguisher readily available.In the event of an oil or grease fire do not attempt to extinguish with water. Immediately call the fire department. A Type BC or ABC fire extinguisher may, in some circumstances contain the fire.
- The appliance shall not be located used under overhead unprotected combustible construction.
- This appliance is not intended for and should never be used as a heater. This appliance will be hot during and after use. Use insulated oven mitts or gloves for protection from hot surfaces or splatter from cooking liquids.
- This appliance is not intended for commercial use.
- The pressure regulator supplied with the Gas Grill must be used.
- Storage of an appliance indoors is permissible only if the cylinder is disconnected and removed from the appliance.

2. Spare Parts

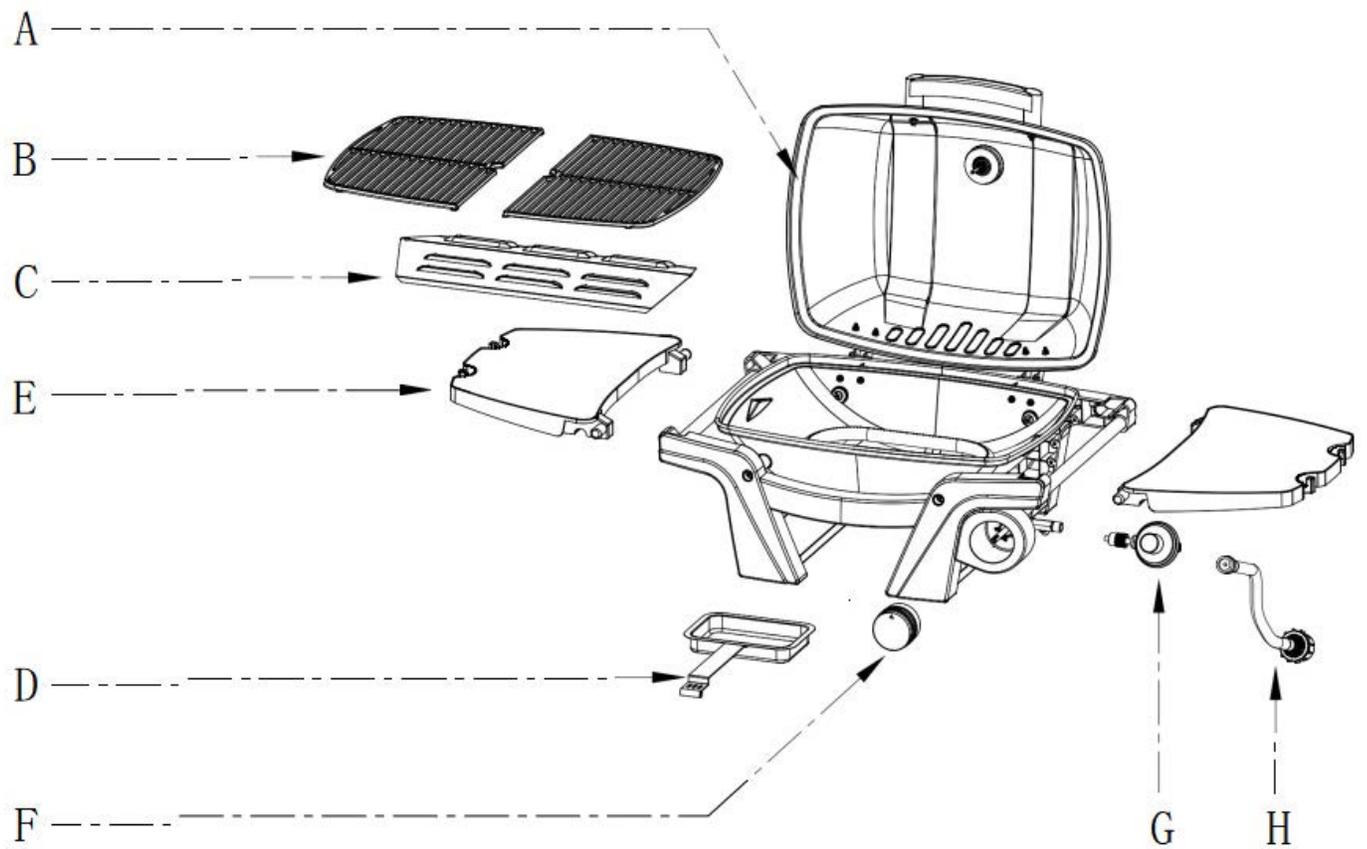
A		Grill Body	1 PC	B		Cooking Grates	2 PCS
C		Flame Tamer	1 PC	D		Grease Tray	1 PC
E		Side Table	2 PCS	F		Burner Control Knob	1 PC
G		Regulator	1 PC	H		Hose & Regulator	1 PC
A-A		Screws	4 PCS	B-B		Washer	4 PCS

3. Replacement Parts

- Replacement parts for many of our appliances are stock items. All parts listed in this table are available on our website or at our store locations. If the part you need is not available for online purchase or in-store pickup, simply call our Mail Order Center at 1-833-926-6537 to place an order.
- Contact us at:
 - 1-833-926-6537 (phone)
 - 1-919-284-2306 (fax)
- Our mail order hours of operation are Monday through Friday, 7:30am to 8:00pm, and Saturday from 8:00am to 5:00pm (EST).

Tabletop Grill Replacement Parts	
Description	Part Number
Cooking Grate Set	133524
Regulator	133525
Burner Control Knob	133526
Thermometer	133527
Burner	133528
Flame Tamer	133529
Accessory Parts	
Hose Adapter for Propane Tank	91056

4. Parts Breakdown

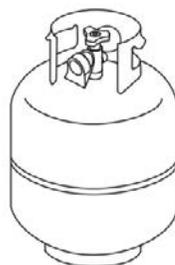


5. Preparation

Before beginning assembly of product, make sure all parts are present. Compare parts with package contents list. If any part is missing or damaged, do not attempt to assemble the product.

Estimated Assembly Time: 30 minutes.

Tools Required for Assembly: Phillips Screwdriver, scissor (not included).



TOOLS NEEDED(NOT INCLUDED):

Scissor, Phillips head screwdriver & Adjustable Wrench

NOT INCLUDED:

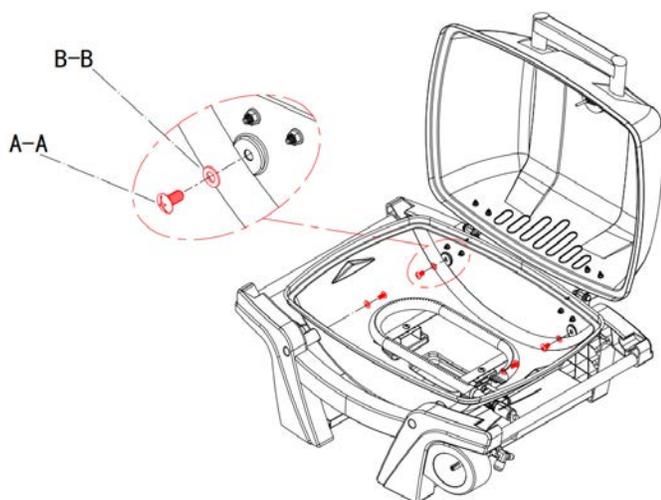
20lb(9kg) LPG tank

Hardware Parts

A-A		4PCS
B-B		4PCS

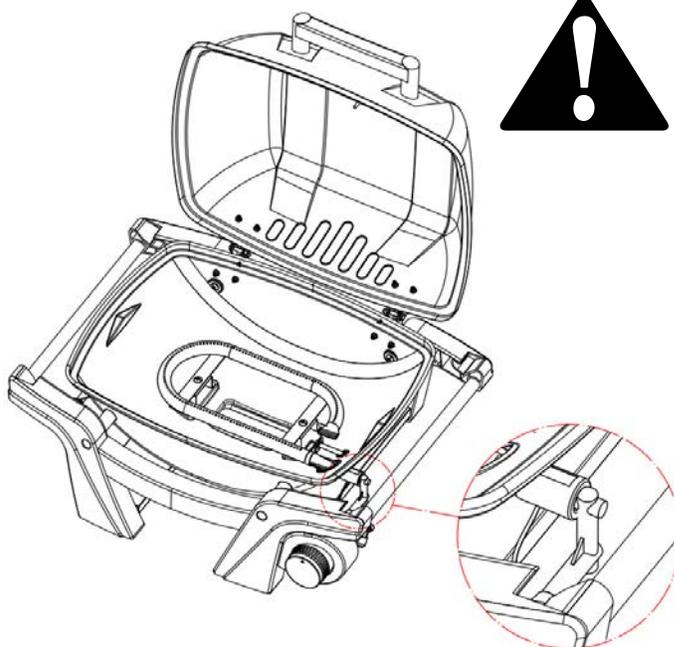
6. Assembly Instructions

Step1. Using screws (AA) and washers (BB). Install all screws first and then tighten.

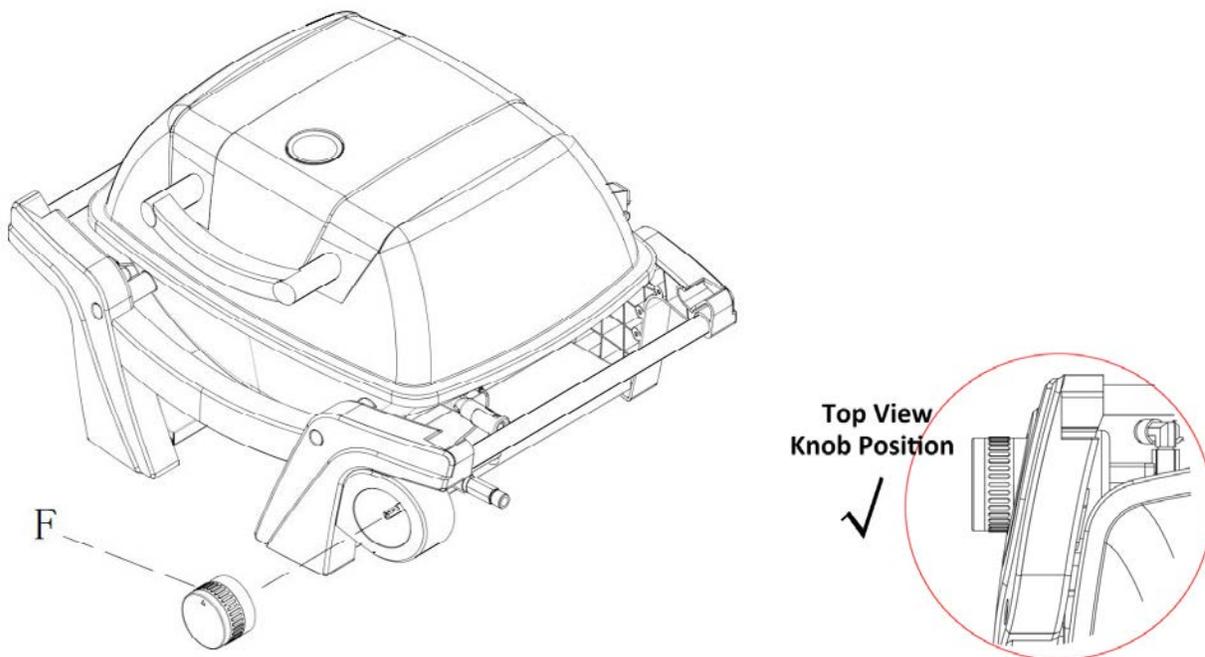


A-A		4PCS
B-B		4PCS

Step2. Please make sure the valve end into the burner end. Warning: It is very important safety Checking step before using the grill.



Step3. Place and push Burner Control Knobs(F) in the right position as below.



Step4. Place flame tamer (C) in the fire bowl as shown in Figure 01.

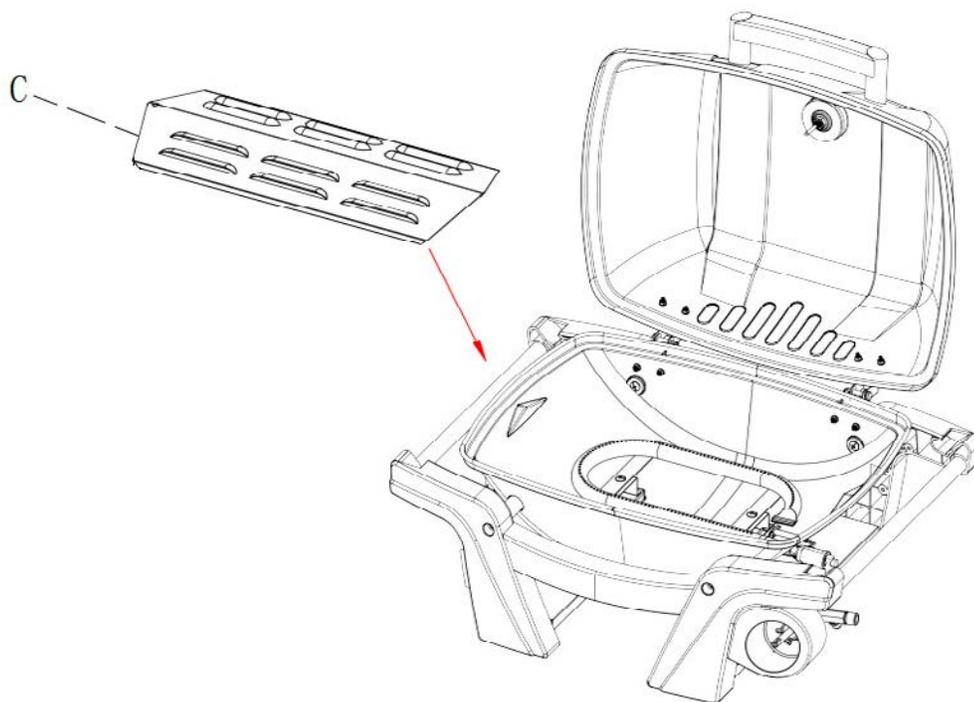


Figure 01.

Step5.

Then put cooking grates (B) upon it as figure 02.

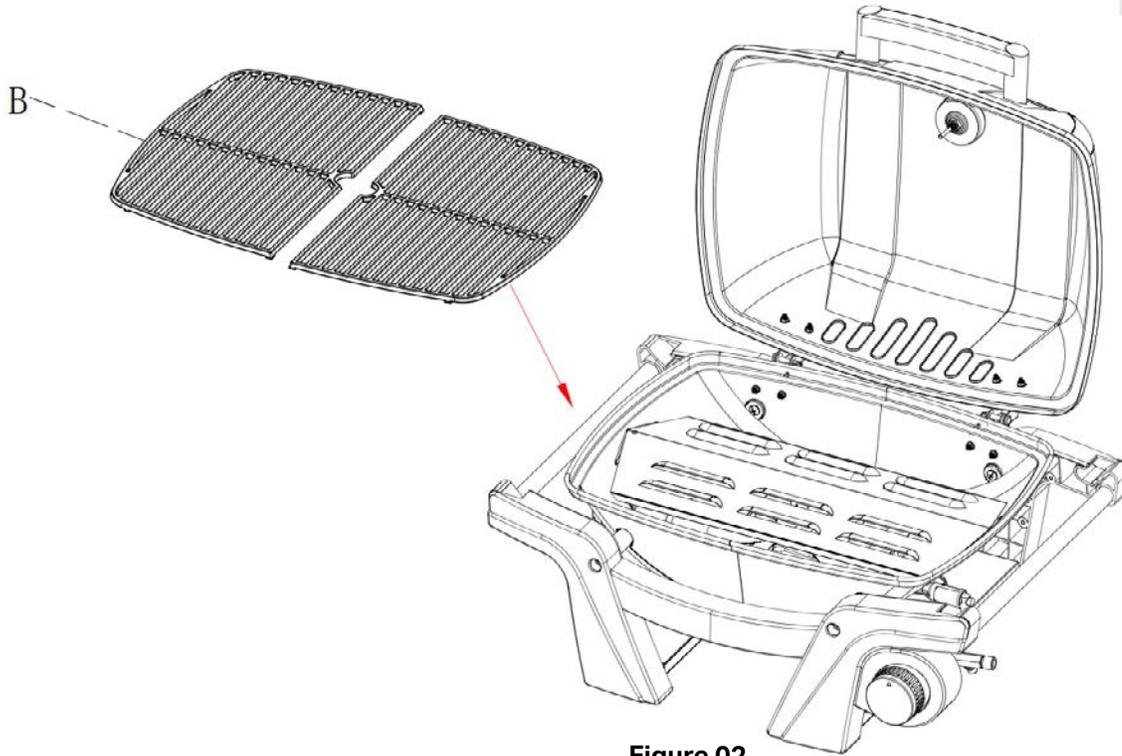


Figure 02.

Step6.

Turn the regulator clockwise and install it on the exhaust buckle of the grill as figure 03.

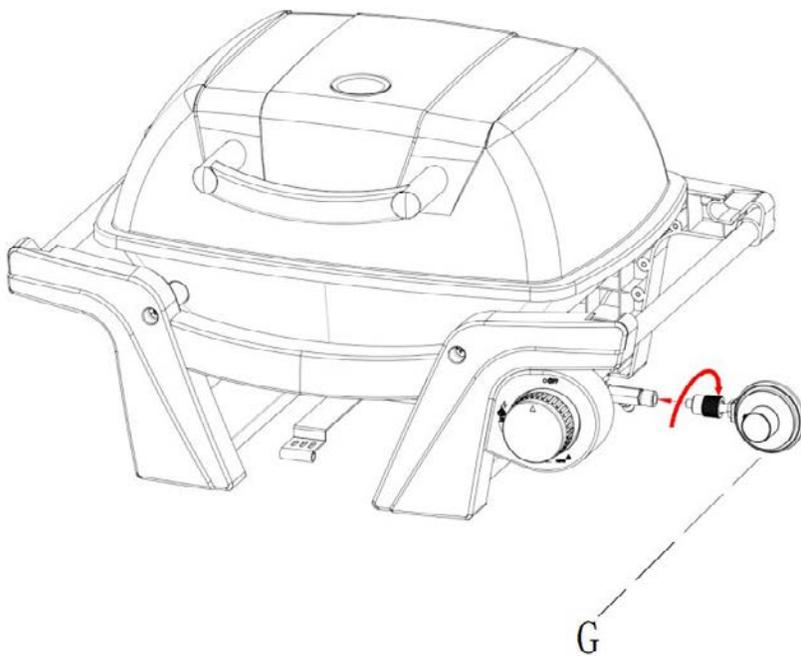


Figure 03.

Step7.

Place grease tray(D) on the grease support of fire bowl as figure 04 .

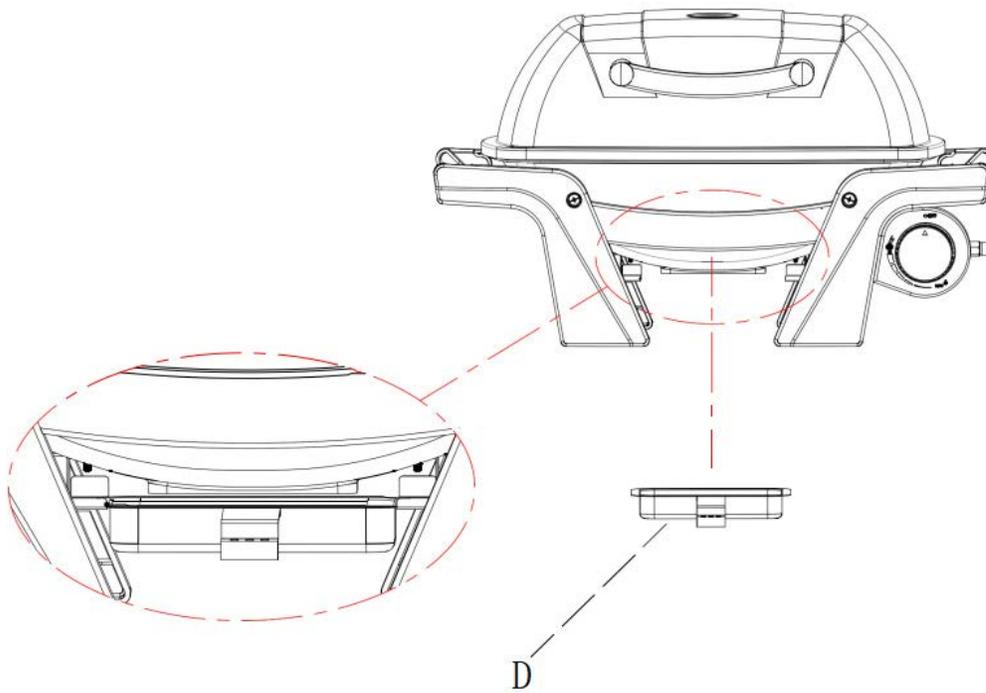


Figure 04.

Step8.

Then, place 2 pcs side tables (E) onto each side of the carry handles as figure 05.

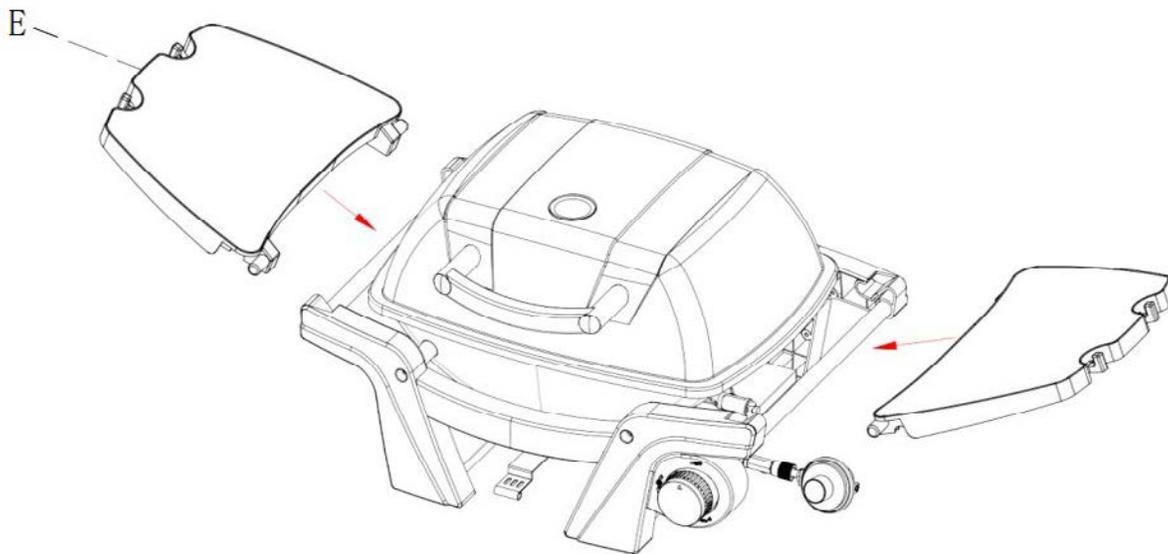


Figure 05.

Step9.

When using a 1LBS small gas cylinder, it can be installed directly at the regulator interface as figure 06.

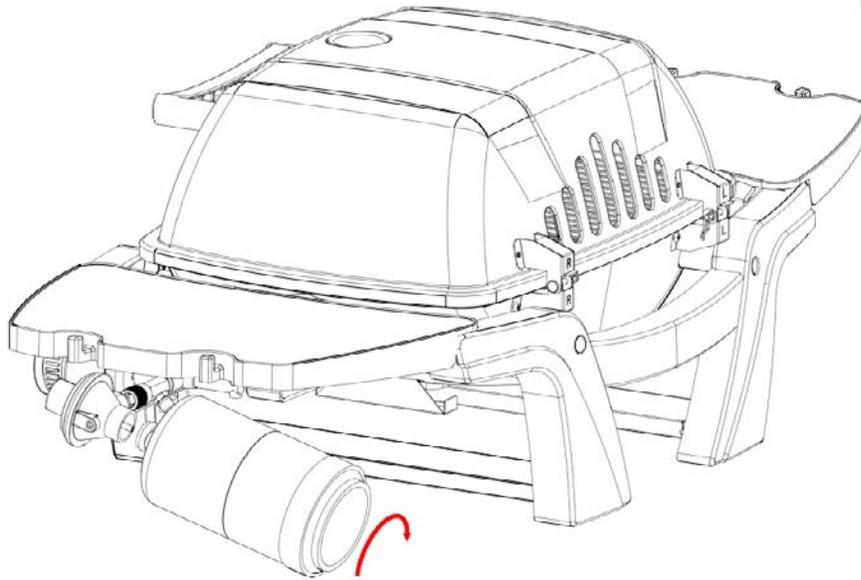


Figure 06.

Leak Testing need: Brush a half-and-half solution of liquid soap and water onto all joints and connections of the regulator, hose, manifolds, and valves. Bubbles will indicate a gas leak, or have the grill inspected by a certified gas installer.

Step10.

When using a large cylinder, connect the regulator port to the hose as figure 07.

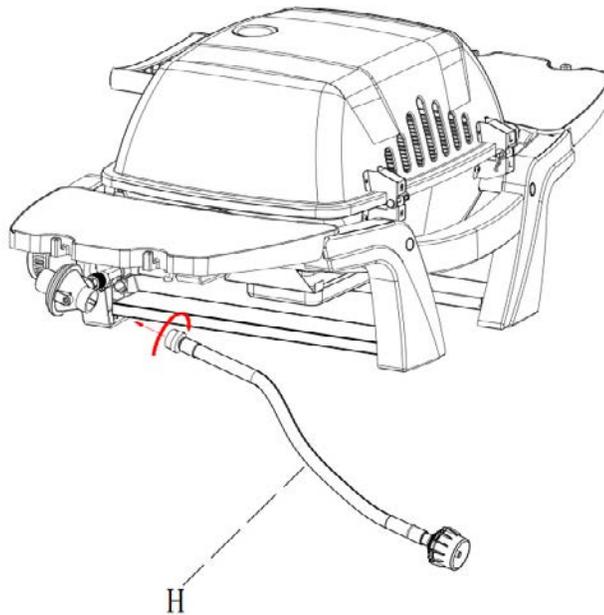


Figure 07.

Leak Testing need: Brush a half-and-half solution of liquid soap and water onto all joints and connections of the regulator, hose, manifolds, and valves. Bubbles will indicate a gas leak, or have the grill inspected by a certified gas installer

7.1 Section One - FUEL | 20LB.(9KG) PROPANE TANK

DANGER

- An LPG cylinder not connected for use should NOT be stored in the vicinity of this or any other appliance.

- LPG cylinders should only be stored outside and in a cool, dry place.

- An LPG cylinder must be stored outdoors, should NOT be stored under or near the appliance, in reach of children, or in a building, garage, or any other enclosed area.

- NEVER leave an LPG cylinder inside a vehicle which may become over-heated by the sun. If the information above is not followed exactly, a fire causing death or serious injury may occur.

DANGER

• **NEVER fill an LPG cylinder beyond 80% full.**

An overfilled or improperly stored cylinder is a hazard due to possible gas release from the safety relief valve.

This could cause intense fire with risk of property damage, serious injury or death.

If you see, smell or hear gas escaping, immediately get away from the LPG cylinder and appliance and call fire department.

LPG CYLINDER REQUIREMENTS

The LPG Tank used with your grill must meet the following requirements:

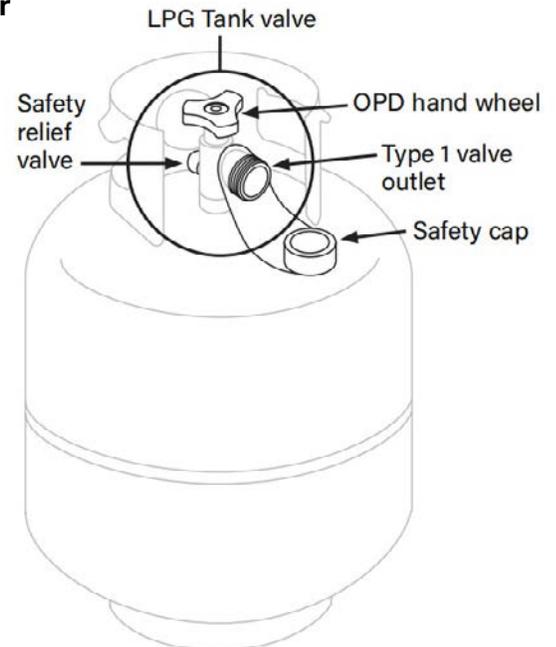
- Date tested by a LPG supplier within five years of use.
- Size: 18 x 12 in (45 x 30 cm), 20 lb (9 kg).
- Supply system must be arranged for vapor withdrawal.
- Tank must include collar to protect LPG Tank valve.

LPG TANK VALVE REQUIREMENTS

LPG Tank valve must have:

- Type 1 valve outlet (thread on the outside).
- Safety relief valve.
- UL listed Overfill Protection Device (OPD). This OPD safety feature is identified by a unique triangular hand wheel.

Always keep new and exchanged LPG Tanks in upright position during use, transit or storage.



7.2 Section Two - CONNECTION & REMOVAL

Connection Part

REGULATOR SAFETY

If regulator fails in unit, it must be replaced with an approved model and must only be replaced by a professionally licensed, authorized dealer. Failure to comply will void the warranty.

CONNECTING THE REGULATOR TO THE LPG TANK

Leak test new and exchanged LPG tanks BEFORE connecting to gas grill. Please reference the Leak Test Instructions section on page 9.

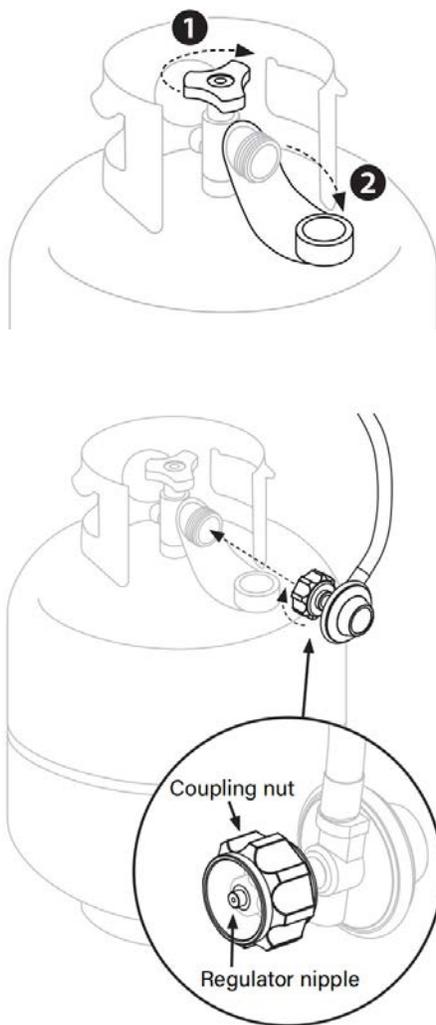
STEP 01 LPG tank must be properly secured to gas grill.
(Please reference the Assembly Guide chapter.)
Ensure that the control knobs are turned to OFF.

STEP 02 ❶ Ensure that the LPG tank is OFF by turning the OPD hand wheel clockwise to a full stop.

❷ Remove the safety cap from the Type 1 valve outlet.

STEP 03 Hold the regulator in a straight line with the Type 1 valve outlet so as not to cross thread the connection.

Center and insert the regulator nipple into the Type 1 valve outlet. Hand-tighten the coupling nut in a clockwise direction.



⚠ WARNING

Keep the fuel supply hose away from any heated surface(s).

⚠ WARNING

Never attempt to attach this grill to the self-contained LPG system of a camper trailer, RVs or motor home. Do not use the LPG Tank until it has been leak-tested.

⚠ WARNING

The LPG supply cylinder must be disconnected when this appliance is not in use.

⚠ WARNING

LPG is highly flammable and may ignite unexpectedly when mixed with air.

⚠ CAUTION

LPG is nontoxic, odorless and colorless when produced. For safety and easy detection, LPG has been given an odor similar to rotten cabbage.

REMOVING THE LPG TANK FOR TRANSPORT/ STORAGE

STEP 01 Ensure that the control knobs are turned to OFF.

STEP 02 ① Ensure that the LPG tank is OFF by turning the OPD hand wheel clockwise to a full stop.

② Turn the coupling nut counter clockwise by hand to remove the regulator. (Do not use tools to disconnect.)

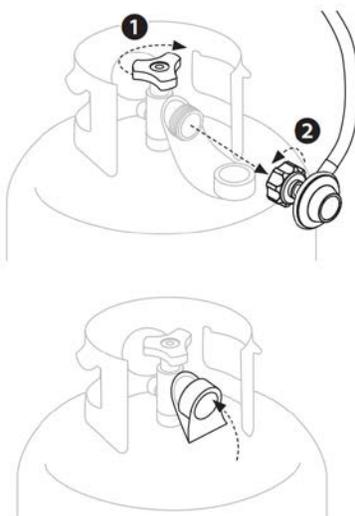
STEP 03 Place the safety cap onto the Type 1 valve outlet.

Only use the type of safety 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.)

- A disconnected LPG tank in storage or during transportation must have a safety cap installed.
- Failure to use safety cap as directed may result in serious personal injury and/or property damage.

FITTINGS & HOSES

- Annual checking and tightening of metal fittings is recommended.
- Before each use, check to see if hoses are abrasion, wear, cuts, leaks.
- Replace damaged hoses before using appliance.



FILLING & EXCHANGE

Use only those reputable exchange companies that inspect, precision fill, test and certify their tanks. LPG dealer must purge new tank before filling. Volume of propane in tank will vary by temperature. A frosty regulator indicates gas overfill. Immediately close LPG Tank valve and call local LPG gas dealer for assistance. Do not release liquid propane (LPG) gas into the atmosphere.

To remove gas from LPG Tank, contact a certified LPG dealer or local fire department for assistance. Exchange tank only for an OPD safety feature-equipped tank.

DANGER

Do not insert any tool or foreign objects into the valve outlet or safety relief valve. The valve may be damaged resulting in a leak. **Leaking propane may result in explosion, fire, severe personal injury, or death.** If a leak is detected at any time, STOP and call the fire department. If unable to stop a gas leak, immediately close LPG tank valve and immediately contact an LPG gas supplier or fire department.

WARNING

Do not insert a POL transport plug (plastic part with external threads) into the Type 1 valve outlet. It will defeat the Safety relief valve feature.



8. IGNITION | PIEZO-ELECTRIC

1. Read all instructions before lighting.
2. Open lid during lighting.
3. Make sure the gas control knob is in "OFF" position.
4. Push and hold the gas control knob and turn counterclockwise to "HIGH" position. The igniter will click and light the burner.
5. If ignition does not occur in 5 seconds, turn the gas control knob off, wait 5 minutes, and repeat steps 2 - 5.

- Before cooking on this grill for the first time, operate the grill for about 15 minutes.
- With the lid closed and the gas turned on "HIGH". This will "heat clean" the internal parts and dissipate odor from the painted finish.
- Clean your grill after each use. DO NOT use abrasive or flammable cleaners.
- As it will damage the parts of this product and may start a fire. Clean with warm soapy water.

If the burner does not light, turn the gas control knob off and wait 5 minutes to let the gas clear before you try again.

WARNING

Do not lean over the appliance while lighting.

WARNING

If ignition does NOT occur in 5 seconds, turn burner controls OFF, wait 5 minutes and repeat lighting procedure. If burner does not ignite with open valve, gas will continue to flow out of burner and could accidentally/ inadvertently ignite with risk of injury

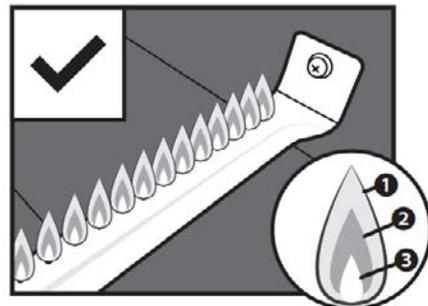
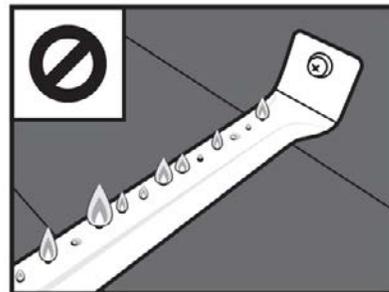
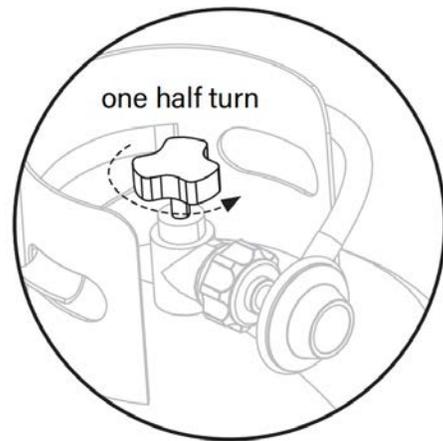
PROPANE BURNER OPERATION

For proper ignition and operation of the appliance follow the steps below.

STEP 01 Ensure that the LPG tank is properly connected to the unit. Turn gas ON at the LPG cylinder by slowly turning the OPD hand wheel halfway.

STEP 02

- ➊ Push the control knob in to start gas flowing.
- ➋ Turn the control knob counter-clockwise to activate the starter.
- ➌ Adjust the temperature to desired level.



MATCH LIGHTING INSTRUCTIONS

Before beginning, check for gas leaks. (Please reference the Leak Test Instructions on page 9.)

STEP 01 Ensure control knob is in OFF position.

STEP 02 Remove cooking top.

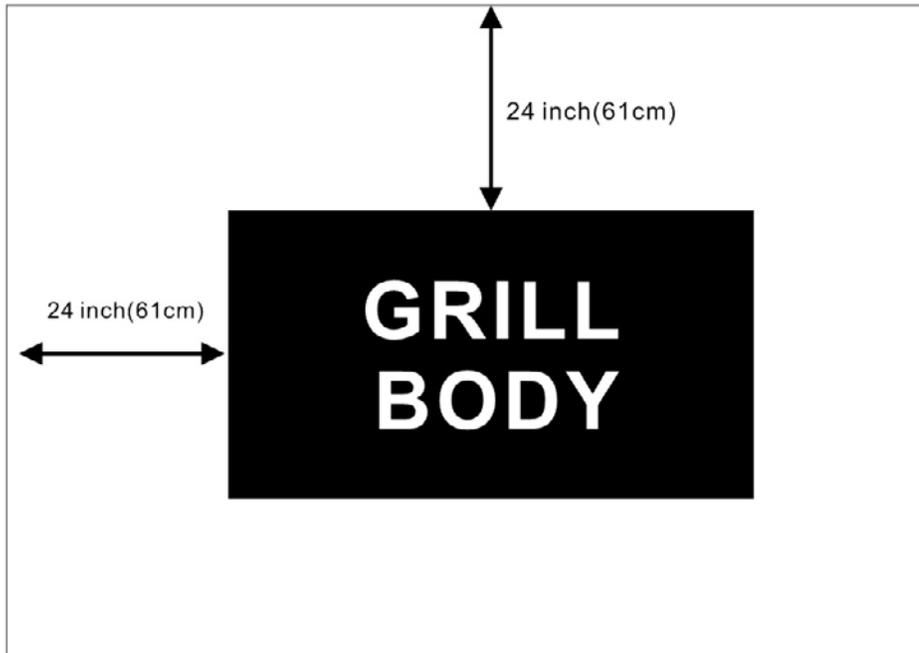
STEP 03 Light a match (or long lighter) no shorter than 11 inches long. Place the flame on the right or left side of the burner.

STEP 04 Push in and turn the control knob to the HIGH position. Ensure burner lights and stays lit.

Healthy Flames might have a few flickers of yellow color ➊, then a dark blue color ➋, followed by a vibrant blue by the burner tube ➌.

9. PLACE YOUR GRILL

1. Never use this outdoor grill inside any building, garage, shed or breezeway, or inside any boat, trailer or recreational vehicle and/or boat, to prevent possible fire and to prevent the possibility of carbon monoxide poisoning or asphyxiation.
2. Always place your grill on a hard and level surface far away from combustible materials and structures.
3. Do not use this grill under overhead combustible surface or covered area (e.g., awnings, umbrellas, OR porches). Keep all combustible surfaces at least 24" (61cm) away.
4. Locate the grill away from any combustible and non-combustible material or construction by at least 24 inches (61cm) from back and 24 inches (61cm) from side. (See the diagram below)



5. Never store or use gasoline or other flammable or volatile substances in the vicinity of this grill or in the vicinity of any other heat-generating appliance, because of the danger of starting a fire.
6. Do not obstructing the flow of combustion and ventilation air.

10. Leak Testing Instructions



WARNING! A leak test must be performed annually and each time a cylinder is hooked up or if a part of the gas system is replaced.



WARNING! Never use an open flame to check for gas leaks. Be certain no sparks or open flames are in the area while you check for leaks. Sparks or open flames will result in a fire or explosion, damage to property, serious bodily injury, or death.



Leak testing: This must be done before initial use, annually, and whenever any gas components are replaced or serviced. Do not smoke while performing this test, and remove all sources of ignition. Turn all burner controls to the off position. Connect a disposable cylinder or slowly turn on the gas supply valve (large propane cylinder)



Brush a half-and-half solution of liquid soap and water onto all joints and connections of the regulator, hose, manifolds, and valves. Bubbles will indicate a gas leak, or have the grill inspected by a certified gas installer.



If the leak cannot be stopped, immediately shut off the gas supply, disconnect it, and have the grill inspected by a certified gas installer or dealer. Do not use the grill until the leak has been corrected.

11. Cleaning And Maintenance

WARNING: Do not clean any grill surface while grill is operating. Let grill cool to a safe temperature prior to cleaning.

- Disconnect the fuel supply and remove the fuel supply cylinder prior to cleaning.
- Cleaning should be done where detergent won't harm work surface or lawn.

Exterior Cleaning

- Clean grill exterior surfaces with warm soapy water.
- Wash drip tray in warm soapy water – do not run through dishwasher.

Interior Cleaning

- Cooking grate can be cleaned with a grill brush. For best results, cooking grate should be warm (warm, not hot –never brush with grill operating, or when interior is very hot). If desired, cool cooking grate can be removed from grill and cleaned with warm soapy water.
- Should you wish to remove accumulated debris from the bottom of the fire box, proceed as follows:
 - Let grill cool completely.
 - Remove cooking grate and set aside.
 - Remove flame tamer and set aside ! CAUTION Flame tamer edges and surface are sharp – use care when handling.
 - Carefully scrape and remove debris from bottom of firebox, using care not to touch burner element, igniter, or igniter wire.

WARNING: DO NOT APPLY ANY CLEANERS OR LIQUIDS TO BURNER ELEMENT OR ATTEMPT TO CLEAN IN ANY WAY. DO NOT USE WATER OR LIQUIDS TO CLEAN GRILL INTERIOR.

- Replace flame tamer. CAUTION: DO NOT OPERATE GRILL WITHOUT FLAME TAMER IN PLACE.

12. Trouble Shooting

WHEN LIT I SMELL GAS.

Check hose and regulator is secure and perform the leak test.

BURNER WON'T LIGHT (USING 20LB. TANK WITH CONVERSION HOSE)

- Be sure LP bottle still has fuel in it by gently shaking it - there will be sounds of liquid inside if fuel remains.
- Check to see that the vent tube air inlet screen is not covered or clogged (see users manual).
- Ensure that LP tank supply valve is open (turned counterclockwise until stop)
- Ensure that the orifices at both ends of the conversion hose are not obstructed or damaged.
- Straighten sharp kinks in conversion hose

GRILL DOESN'T REACH HIGH ENOUGH TEMPERATURE (USING 20LB LP TANK WITH CONVERSION HOSE)

Your LP tank has a safety device that is intended to reduce gas flow in the event of a leak. When this device is active, it is commonly called "bypass". This device can be inadvertently activated by not following proper lighting procedures.

Should you experience low flame, you should do the following:

- 1) Shut off grill
- 2) Close tank valve fully
- 3) Remove conversion hose to relieve pressure, then re-attach

Then, restart the grill (and start the grill each time) using the proper procedure:

- 1) Ensure the grill fuel knob is turned to OFF
- 2) Slowly open the gas tank valve fully. Turn tank knob about 1/4 turn every 10 seconds
- 3) WAIT 5 SECONDS
- 4) follow the grill lighting steps (printed on grill, and in owner's manual)

GRILL LIGHTS BUT GOES OUT SOON AFTER STARTING.

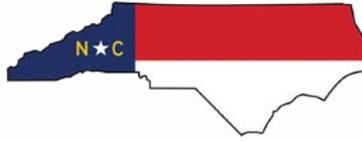
Ensure that LP tank supply valve is open, be sure LP bottle still has fuel in it by gently shaking it Ensure that there is no kink or twists in the gas hose.

Make sure grill is out of the way of direct wind.

13. Warranty

Carolina Cooker® warrants, to the original purchaser, the appliance to be free of defects in material and workmanship for a period of one year from date of purchase.

Note: Paint finish may burn off under normal use and, therefore, it carries no warranty.



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