ITEM #0837902

IN MASTER

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4-BURNER GAS GRILL

MODEL #BG2294B-LB

Français p. 38



WARNING

Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Read this instruction manual thoroughly before installing or servicing this equipment.



WARNING

- 1. Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- 2. An LP tank not connected for use should not be stored in the vicinity of this or any other appliance.



DANGER

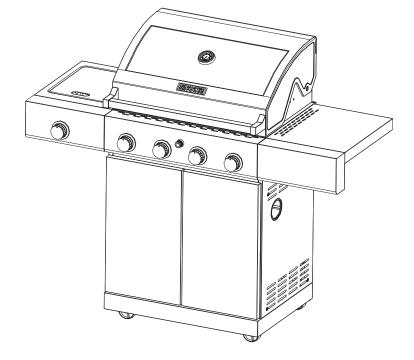
If you smell gas:

- 1. Shut off gas to the appliance.
- 2. Extinguish any open flames.
- 3. Open the lid.
- 4. If the odor continues, keep away from the appliance and immediately call your gas supplier or fire department.



WARNING

For Outdoor Use Only



ATTACH YOUR RECEIPT HERE

Serial Number	Purchase Date
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Questions, problems, missing parts? Before returning to your retailer, call our customer service department at **1-800-963-0211**, 8:00 a.m. – 8:00 p.m., EST, Monday - Friday.

AB17891





- 1. Do not store or use gasoline or other flammable liquids or vapors in the vicinity of this or any other appliance.
- 2. An LP cylinder not connected for use should not be stored in the vicinity of this or any other appliance.



If you smell gas:

- 1. Shut off gas to the appliance.
- 2. Extinguish any open flame.
- 3. Open lid.
- 4. If odor continues, keep away from the appliance and immediately call your gas supplier or your fire department.

Always read and understand the WARNINGS and INSTRUCTIONS that are contained in this manual before attempting to use this grill to prevent possible bodily injury or property damage.

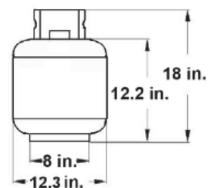
Always keep this manual for convenient future reference.

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Please read and understand this entire manual before attempting to assemble, operate or install the product.

- 1. The installation of this appliance must conform with local codes or, in the absence of local codes, with either the National Fuel Gas Code, ANSI Z223.1/NFPA 54, or Natural Gas and Propane Installation Code, CSA/CGA-B149.1.
- 2. This grill is intended for use outdoors and should not be used in a building, garage or any other enclosed or covered area.
- 3. This outdoor grill is not intended for installation in or on recreation vehicles and/or boats.
- 4. A minimum clearance of 36 inches from combustible constructions to the sides of the grill and 36 inches from the back of the grill to combustible constructions must be maintained. This outdoor cooking gas appliance must not be placed under overhead combustible construction.
- 5. The use of an electrical source requires that when installed, the grill must be electrically grounded in accordance with local codes or, in the absence of local codes, with ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1. Keep electrical supply cords and the fuel supply hose away from heated surfaces.
- 6. Inspect the hoses before each use for excessive abrasion or wear, or cuts that may affect safe operation of the grill. If there is evidence of excessive abrasion or wear, or the hose is cut, it must be replaced prior to the grill being put into operation. The replacement hose assembly must be one specified by the manufacturer.
- 7. Keep your grill in an area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
- 8. DO NOT obstruct the flow of combustion and ventilation air to this appliance.
- 9. Keep the ventilation openings of the tank enclosure free and clear from debris.
- 10. Check all gas connections for leaks with a soapy water solution and brush. Never use an open flame to check for leaks.
- 11. Never use charcoal in the grill.
- 12. Never use the grill in windy areas.
- 13. Only a 20 lb. LP-gas cylinder is allowed. The cylinder must be constructed and marked in accordance with the Specifications for LP Gas Cylinders of the U.S. Department of Transportation (D.O.T.) or the National Standard of Canada, CAN/CSA-B339, Cylinders, Spheres and Tubes for Transportation of Dangerous Goods. A 20 lb. LP-Gas cylinder's dimensions are:



- 14. Never use the grill without the drip tray installed and hung under the burner box. Without the drip tray, hot grease and debris could leak downward and produce a fire hazard.
- 15. Use only the gas pressure regulator supplied with this appliance. This regulator is set for an outlet pressure of 11.0 in wc.

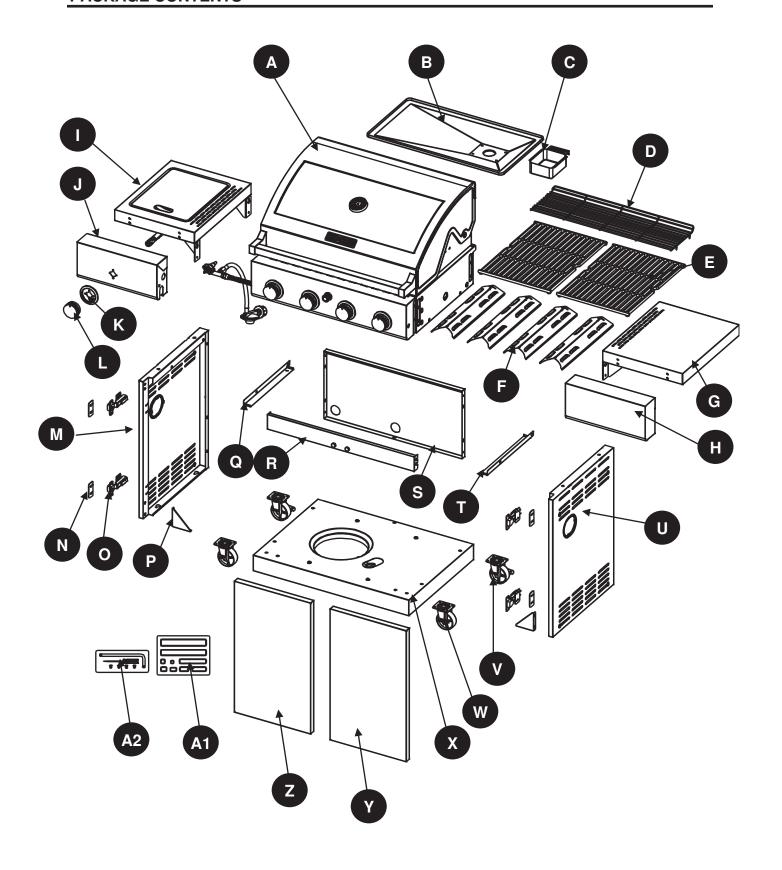
SAFETY INFORMATION

- 16. The cylinder used must include a collar to protect the cylinder valve.
- 17. Do not store a spare LP-gas cylinder under or near this appliance.
- 18. Never fill the cylinder beyond 80 percent full.
- 19. If the information in "17" and "18" is not followed exactly, a fire causing death or serious injury may occur.
- 20. The outdoor cooking gas appliance must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply system at test pressures equal to or less than 1/2 PSI (3.5 KPa).
- 21. **CALIFORNIA PROPOSITION 65 WARNING:** The burning of gas cooking fuel generates some byproducts which are on the list of substances known by the state of California to cause cancer, reproductive harm, or other birth defects. To reduce exposure to these substances, always operate this unit according to the use and care manual, ensuring you provide good ventilation when cooking with gas.
- 22. **PROP 65 WARNING:** Handling the brass material on this product exposes you to lead, a chemical known to the state of California to cause cancer and birth defects or other reproductive harm. *Wash your hands after handling this product.*
- 23. Chemicals known to the state of California to cause cancer and birth defects or other reproductive harm are created by combustion of propane.

IMPORTANT: We urge you to read this manual carefully and follow the recommendations enclosed. This will ensure you receive the most enjoyable and trouble-free operation of your new gas grill. We also advise you retain this manual for future reference.

WARNING: Your grill has been designed to operate using only the gas specified by the manufacturer on the rating plate. Do not attempt to operate your grill on other gases. Failure to follow this warning could lead to a fire hazard and bodily harm and will void your warranty.

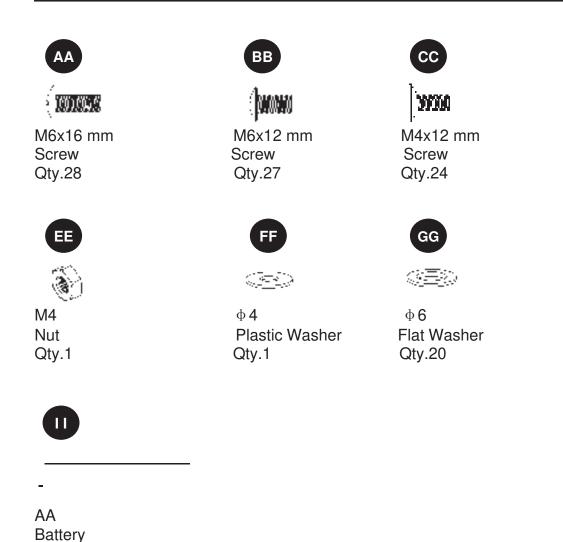
WARNING: Make certain your LP (propane) tank is filled by a reputable propane dealer. An incorrectly filled or an overfilled LP tank can be dangerous. The overfilled condition combined with the warming of the LP tank (a hot summer day, tank left in the sun, etc.) can cause LP gas to be released by the pressure relief valve on the tank since the temperature increase causes the propane to expand. LP gas released from the tank is flammable and can be explosive. Refer to your Owner's Manual for more information concerning filling your LP tank.



PACKAGE CONTENTS

PART	DESCRIPTION	QTY	PART	DESCRIPTION	QTY
Α	Firebox Assembly	1	0	Hinge	4
В	Drip Tray	1	Р	Reinforcing Plates	2
С	Grease Cup	1	Q	Left Drip Tray Support	1
D	Warming Rack	1	R	Door Beam	1
Е	Cooking Grate	2	S	Back Board	1
F	Flame Tamer	4	Т	Right Drip Tray Support	1
G	Right Shelf	1	U	Right Side Panel	1
Н	Right Shelf Support	1	V	Lockable Castor	2
I	Side Burner	1	W	Castor	2
J	Side Burner Support	1	Х	Bottom Panel	1
K	Knob Bezel	1	Υ	Right Door	1
L	Knob	1	Z	Left Door	1
М	Left Side Panel	1	A1	Hardware Pack	1
N	Hinge Spacer	4	A2	NG Conversion Kit	1

HARDWARE CONTENTS



M4x8 mm

Spring Washer

Qty.20

Screw

Qty.11

PREPARATION

Qty.1

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

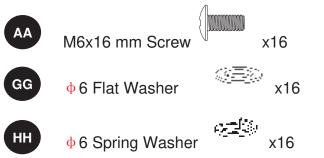
Estimated Assembly Time: 1 hour by two people

Tools Required for Assembly (not included): Phillips screwdriver.

IMPORTANT: ASSEMBLE ON FLAT AND SOFT SURFACE TO AVOID SCRATCHING.

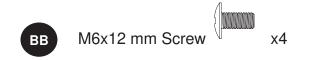
 Attach Castors (W) to the front of the Bottom Panel (X) as shown. Attach Lockable Castors (V) to the back of the Bottom Panel as shown.

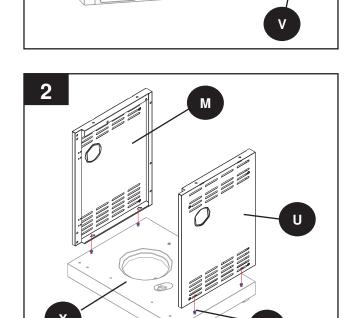
Hardware Used



 Attach Left Side Panel (M) and Right Side Panel (U) to the Bottom Panel (X).

Hardware Used



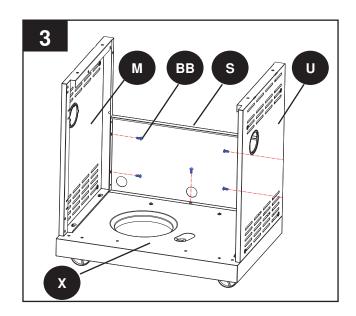


ΗН

GG

3. Attach the Back Panel (S) to the Bottom Panel (X), Left Side Panel (M) and Right Side Panel (U).





4. Attach the Front Beam (R) to the Left Side Panel (M) and Right Side Panel (U). Attach one of the Reinforcing Plates (P) to the Left Side Panel and Bottom Panel and the other to the Right Side Panel and Bottom Panel.

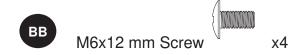
Hardware Used

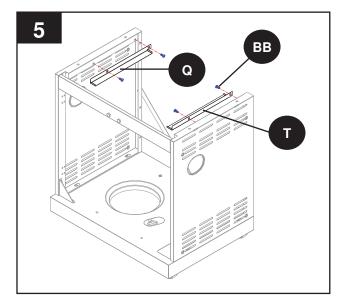


BB

5. Attach Left Drip Tray Support (Q) and Right Drip Tray Support (T) to the side panels.

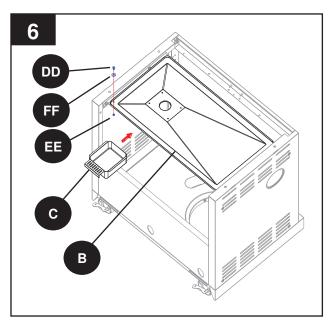
Hardware Used





6. Put Drip Tray (B) onto the Drip Tray Supports, then attach Grease Cup (C) as shown.





7. Attach Door Hinges (O) and Hinge Spacers (N) to Left & Right Side Panels as shown

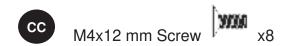
Note: DO NOT tighten the screws of this step now.

Hardware Used

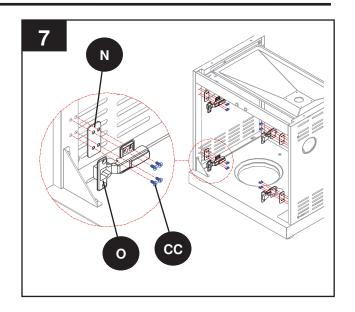


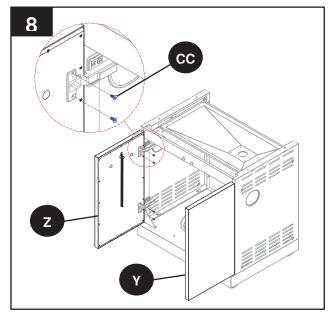
8. Attach Left Door (Z) and Right Door (Y) to Door Hinges, then tighten all of the screws, including the screws in last step.

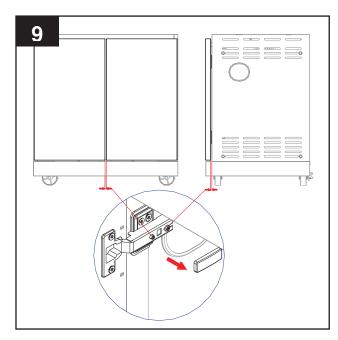
Hardware Used



9. There are two adjusting screws on the hinges which can be used to adjust the doors as shown.

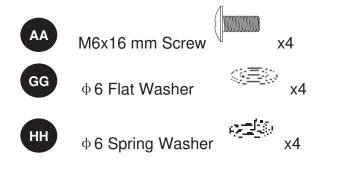




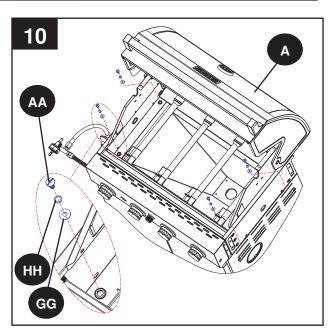


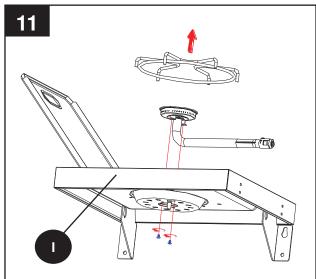
10. Attach Firebox Assembly (A) to the top of the cabinet assembly and fasten the screws and washers as shown.

Hardware Used



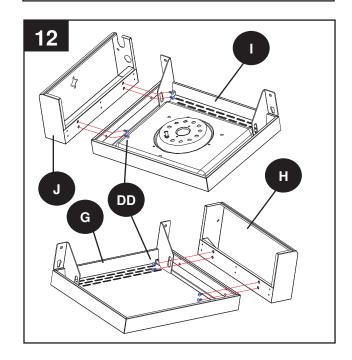
11. Remove the trivet from the Side Burner Assembly (I), then untighten the screws and remove the side burner as shown.





12. Attach the Side Burner Support (J) to the Side Burner Assembly (I). Attach the Right Shelf Support (H) to the Right Shelf (G).

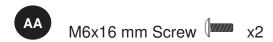




Attach Side Burner assembly onto firebox.

13. Attach two pcs Screws (AA) into the upper two holes on left side of firebox. Leave the screw heads protruding approximately 0.2 inches.

Hardware Used



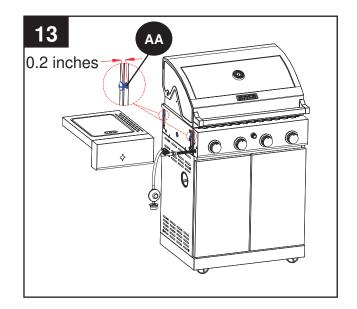
14. Hang the Side Burner Assembly on the two screws attached in the previous step. Secure the Side Burner Assembly in place using screws (AA) and (BB) in the lower three holes as shown.

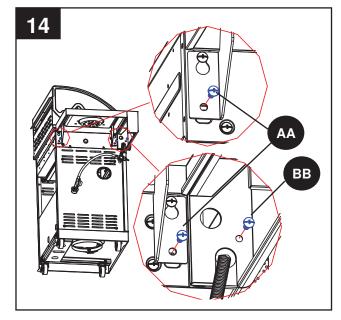
Hardware Used

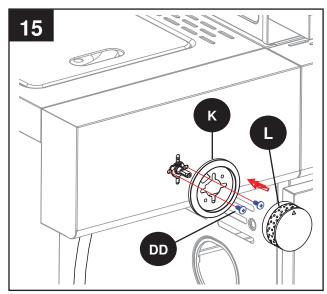


15. Attach Knob Bezel (K) to Side Burner Assembly with two pcs Screws (DD). Attach Knob (L) to Knob Bezel.

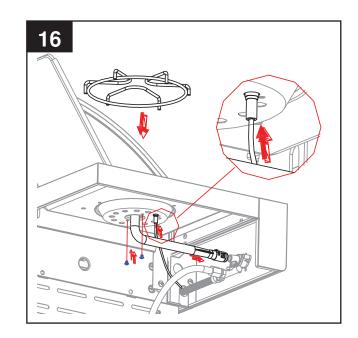








16. Re-assemble the side burner and trivet removed in Step 11 as shown.
Insert the ignition wire as shown below.

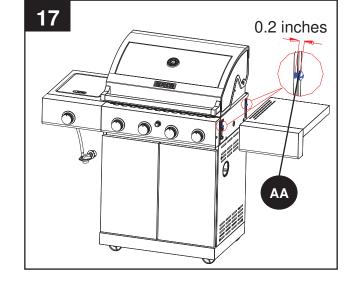


Attach Right Side Shelf onto firebox.

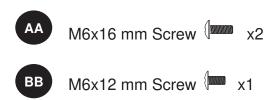
17. Attach 2pcs Screws (AA) into the upper two holes on Right side of firebox. Leave the screw heads protruding approximately 0.2 inches.

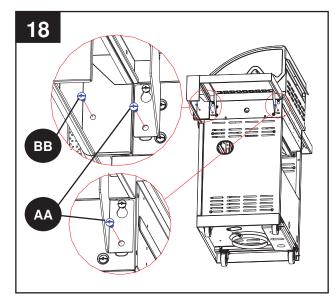
Hardware Used





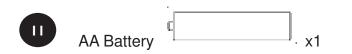
18. Hang Right Side Shelf assembly onto the screws. Attach another 2pcs Screws (AA) and 1pcs Screw (BB) on the lower three holes as shown.

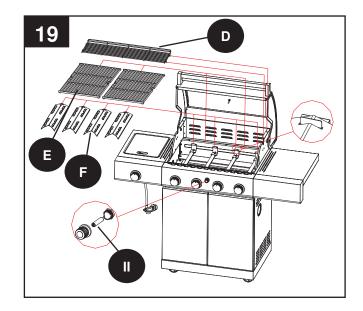




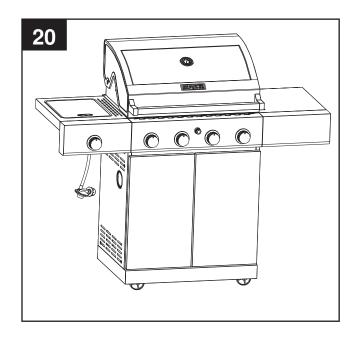
19. Insert Flame Tamer (F), Cooking Grates (E), and Warming Rack (D). Place AA battery (II) into the electronic igniter with the positive (+) end facing out.

Hardware Used





20. The grill is now assembled.



PREPARATION:

Before beginning conversion, make sure all parts are present. If any part is missing or damaged, do not attempt to convert. Please have your owner's manual and part number available for reference, and contact customer service 1-800-963-0211 for replacement parts.

- 1. Turn off gas supply and then remove cap on gas supply side.
- 2. Recommended: Install a shut-off valve on gas supply side before installing the socket.
- 3. Socket should be installed by an authorized technician in accordance with the national fuel gas code (NFPA 54/ANSI223.1).
- 4. Before inserting plug, turn on gas supply and leak test all connections including the stem of the shut-off valve and the opening of the socket. For best results, use an ammonia-free soap and water solution.

Leak Check

When checking for gas leaks, do not use an open flame. Use a soapy water solution and apply it to the pipe joints and fittings with a brush and check for bubbles. Check flexible hoses for cuts and wear that may affect the safe operation of the grill. Only use original equipment replacement hoses. Use only replacement hose assemblies specified by manufacturer.

Before operating your grill, after refueling, check carefully to be certain that all connections are tight and there are no gas leaks.

- 1. Make 2-3 ounces of leak solution by mixing liquid dishwashing soap with water.
- 2. Make certain all control knobs are in the "OFF" position.
- 3. Brush small amounts of the leak solution on all the fittings and turn the gas on.
- 4. If bubbles appear, there is a leak. Proceed to step 5.
- 5. Turn the gas off and tighten all connections.
- 6. Go back to step 1 to retest the fittings.
- 7. If bubbles continue to appear, turn the gas off. Contact customer service.

WARNING: Never use a match or open flame for leak detection. Use of an open flame could result in a fire, explosion and bodily harm.

IMPORTANT: When connecting or replacing gas pipe or fittings, all joints must be sealed with approved leak-proof sealing compound or plumber's tape. After making connections, check all joints for leaks using a soapy water solution and a brush.



A IMPORTANT:

After your grill is converted to natural gas, the working pressure for natural gas is 7 in. water column (WC). Gas pressure is affected by gas line size and the length of gas line run from house. Follow the recommendations in the chart below.

From House to Grill		
Distance	Tubing Size	
Up to 25 ft.	3/8 in. DIA	
26 – 50 ft.	1/2 in. DIA	
51 – 100 ft.	2/3 in. of run 3/4 in.	
31 – 100 II.	1/3 in. of run 1/2 in.	
More than 101 ft.	3/4 in. DIA	

NG Conversion Kit (Part No. 5210327) Content:

Orifice 1.30mm QTY: 5pcs	Orifice removal tool QTY:1pc	Slotted Screwdriver QTY: 1pc
	(====== <u>=</u>	

The Natural Gas Conversion kit is located inside of the drawer.

Tools required for assembly (Not Included):

M19 Wrench	NG Hose 3/8"
QTY:1pc	QTY: 1 pc

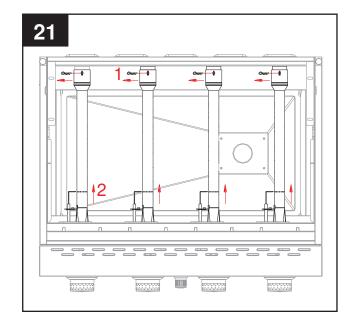


WARNING:

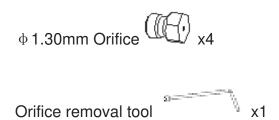
Place the grill on a flat, level surface.

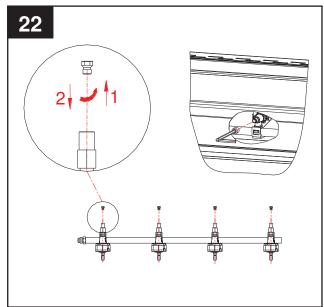
Before the conversion, make sure all control knobs are in the OFF position, LP tank valve is closed, and tank is disconnected from regulator and removed from grill.

21. Removed the R-pins at the back of main burners to detach burners from bracket. Lift back of burners while sliding burners out of firebox, disengaging burners from gas valves as shown.

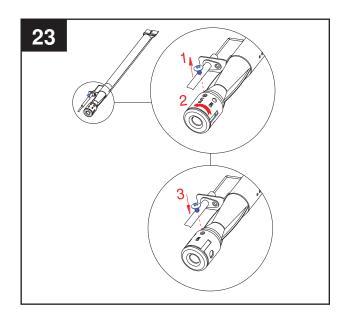


22. Unscrew the old LP orifice from each gas valve with the orifice removal tool. Put a new NG orifice onto the valves and tighten with tool. Repeat this step for all four main burners.

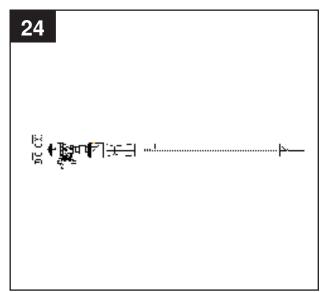




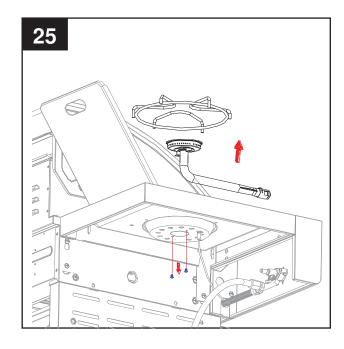
23. Loosen the screw from LPG setting, rotate the shutter opening counterclockwise, adjusting it from LP setting to NG setting. Re-tighten the screw into NG setting for securing the air shutter opening.



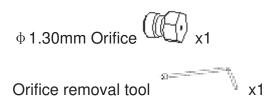
24. Reinstall the main burners and cotter pins. Make sure to engage the burner valves as shown.



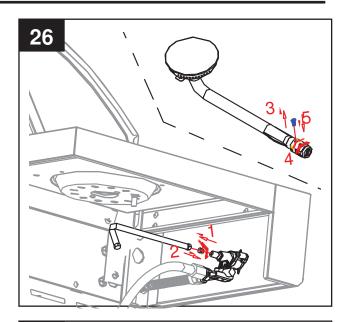
25. Remove the trivet from the side burner assembly and then untighten the screws as shown below and remove the side burner.

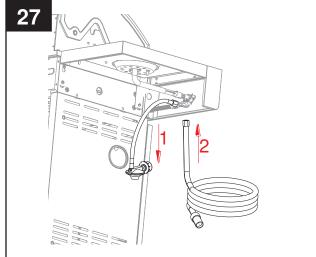


- 26. Remove the old orifice using the orifice removal tool. Tighten the new orifice.
- Unscrew the pre-assembled screw as 26.1. shown, rotate the air shutter opening clockwise, adjusting it from the LPG setting to the NG setting. Replace the pre-assembled screw, thus securing the air shutter opening.



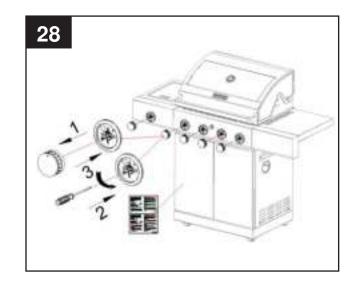
- 27. Reinstall the Shelf Tray, Burner, Ingnition Wire and Rack.
- 27.1. Use the M19 Wrench (not included) to remove the LP hose and regulator from the manifold. Attach the Natural Gas Hose (sold separately) and tighten it with the wrench.





- 28. Remove the 5 knobs for the main burners and side burner by grasping and pulling out.
- Insert the slotted screwdriver into the hole of each control valve shaft as shown. Rotate the shaft counterclockwise (to the left) as far as it will go (about 2 complete turns) until it stops. The shaft will now be set in the NG position.
- Re-attach the control knobs. Paste the new rating label for NG under the original LP rating label on the cart door inner panel.

NG conversion is now completed.





A CAUTION:

If low flames or burner problems are observed after converting from LPG to NG, the natural gas lines may not be large enough. Refer to the "From House to Grill" chart on page 17 for natural gas supply line specifications. Please contact a plumber to ensure proper pressure at 7 in. water column

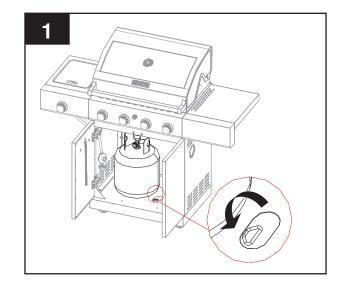
LIQUID PROPANE GAS INSTALLATION

Gas grills that are set to operate with Liquid Propane Gas come with a high capacity hose and regulator assembly. (Note: Only use the pressure regulator and hose assembly supplied with the grill or a replacement pressure regulator and hose assembly specified by the manufacturer). This assembly is designed to connect directly to a standard 20 lb. L.P. Tank. L.P. tanks are not included with the grill. L.P. tanks can be purchased separately at an independent dealer.

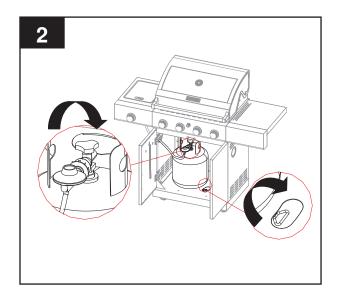
Connecting a Liquid Propane Gas Tank to the Grill:

1. Open the doors of the cabinet. Turn the stopper of the tank tray counter-clockwise. Place a 20 lb. tank with foot ring into the tank tray. See Fig. 1.

Make sure the tank valve is in the OFF position.

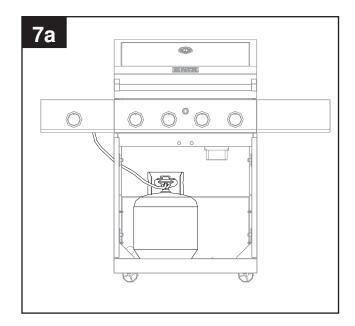


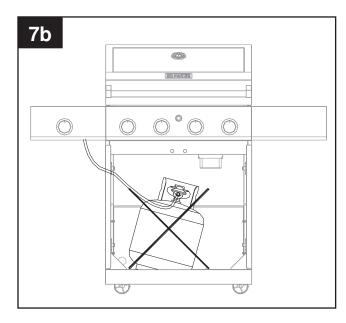
2. Tighten the retention screw in front of the tank tray to secure the tank. Push the tank tray to the end and lock it by turning the stopper back (clockwise). See Fig. 2.



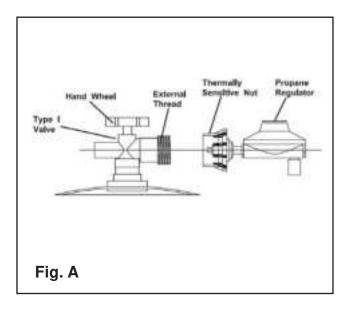
- 3. Check the tank valve to ensure it has proper external mating threads to fit the hose and regulator assembly provided (Type 1 connection per ANSI Z21.58-2015 CSA 1.6-2015). LP cylinder valve must have:
- Type 1 outlet compatible with regulator or grill.
- 4. Inspect the valve connection port of the regulator assembly. Look for damage or debris. Remove any debris. Inspect hose for damage. Never use damaged or plugged equipment.
- 5. Make sure all burner knobs are in the OFF position.
- 6. Connect the hose and regulator assembly to the tank valve (See Fig. 2). Hand tighten the quick coupling nut clockwise to a full stop. DO NOT use a wrench to tighten because it could damage the quick coupling nut and result in a hazardous condition.
- 7. Open the tank valve fully (counterclockwise). Use a soapy water solution to check all connections for leaks before attempting to light your grill. See "Leakage Check" on page 24. If a leak is found, turn the Tank Valve off and do not use your grill until the leak is repaired.

As shown in Fig. 7a gas tank must be place vertically. It is unsafe to operate the grill if the gas tank is not vertical as show in Fig. 7b.





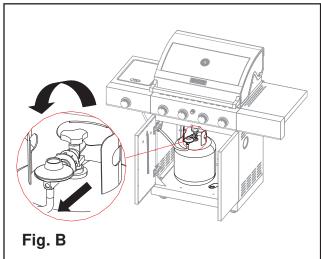
WARNING: The Type I connective coupling (see Fig. A) supplied with your grill must not be replaced with a different type of grill/tank connection system. Removal will result in loss of warranty, gas leakage, fire and severe bodily harm.



Disconnecting A Liquid Propane Gas (LP Gas) Tank From Your Grill:

- Turn the burner knobs and LP gas tank valve to the full OFF position. (Turn clockwise to close.)
- 2. Detach the hose and regulator assembly from the LP gas tank valve by turning the quick coupling nut counterclockwise. See Fig. B.

CAUTION: When the appliance is not in use, the gas must be turned off at the supply tank.



L.P. TANK INFORMATION

Never use a dented or rusted L.P. tank or cylinder with a damaged valve.

L.P. cylinders are equipped with an O.P.D. (Overfilling Prevention Device). The device shuts off the flow of gas to a cylinder after 80% capacity is reached. This limits the potential for release of gas when the cylinder is heated, averting a fire or possible injury.

The L.P. cylinder must have a shut-off valve terminating in an L.P. gas supply cylinder outlet specified, as applicable, for connection No. 510 in the standard for compressed gas cylinder valve outlet and inlet connection ANSI/CGA-V-1. Cylinders must not be stored in a building, garage, or any other enclosed area. (The L.P. cylinder must have an overfill protection device and a collar to protect the cylinder valve.)

The L.P. gas supply cylinder must 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/CAS-B339, "Cylinders, Spheres and Tubes for the Transportation of Dangerous Goods and Commission."

L.P. TANK USE

- When turning the L.P. tank on, make sure to open the valve SLOWLY two (2) complete turns to ensure proper gas flow. Most gas tanks now come equipped with a leak detector mechanism internal to the tank. When gas is allowed to escape rapidly it shuts off the gas supply. Opening the valve rapidly may simulate a gas leak, causing the safety device to activate, restricting gas flow causing low flames. Opening the valve slowly will ensure this safety feature is not falsely triggered.
- When not in use, gas supply cylinder valve is to be in the "OFF" position.
- The tank supply system must be stored upright to allow for vapor withdrawal.
- The regulator and hose assembly must be inspected before each use of the grill. If there is excessive abrasion or wear or if the hose is cut, it must be replaced prior to the grill being used again.
- 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
- Only a qualified gas supplier should refill the L.P. tank.
- Place dust cap on 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.

A WARNING

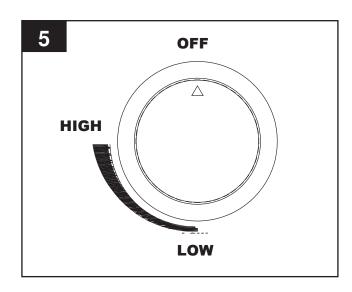
DO NOT store a spare L.P. gas cylinder under or near the grill. Never fill the cylinder beyond 80% full.

If this information is not followed exactly, a fire causing death or serious injury may occur.

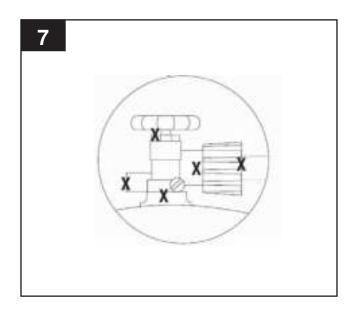
LEAKAGE CHECK

Although all gas connections on the grill are leak tested prior to shipment, a complete gas tightness check must be performed at the installation site due to possible shifting during shipment, installation or excessive pressure unknowingly being applied to the unit. Periodically check the whole system for leaks and immediately check the system if the smell of gas is detected.

- 1. Do not smoke while leak testing.
- 2. Extinguish all open flames.
- 3. Never leak test with an open flame.
- 4. Mix a solution of equal parts mild detergent or liquid soap and water.
- 5. Turn off the burner control knobs. (see Fig. 5)

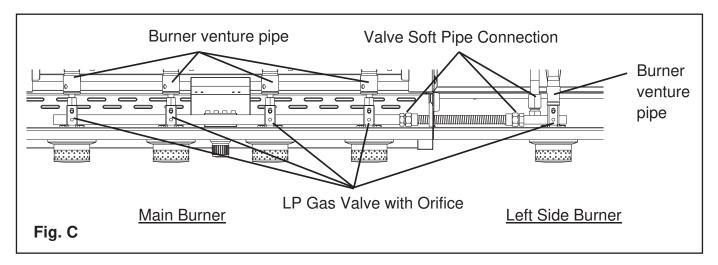


- 6. Turn the top knob of the fuel supply cylinder counterclockwise two (2) rotations to open.
- 7. Apply the soap solution to connections of the fuel supply assembly. Spoon leak check solution at all: "X" locations (see Fig. 7). If no soap bubbles appear, there is no gas leak. If bubbles form at the connections, a leak is detected. If a leak is detected, immediately turn off the gas supply, tighten any leaking fittings, turn gas on, and repeat steps 5-6.



- 8. Turn off the knob on the fuel supply cylinder.
- 9. Turn on the burner control knobs for a moment to release the pressure in the hose, then turn the control knobs back off.
- 10. Wash off soapy solution with cold water and towel dry.
 - Check all gas supply fittings before each use and each time, make sure the gas supply cylinder is connected to the regulator. Have a qualified service technician to replace the grill leak parts if any time need.
 - Also it is recommended to perform a leak test at least once a year whether or not the L.P. gas supply cylinder has been disconnected.

Please refer to diagram for proper installation (see Fig. C). Visually check the connection between the burner venture pipe and orifice. Make sure the burner venture pipe fits over the orifice.



<u>WARNING</u> When leak testing this appliance, make sure to test and tighten all loose connections. A slight leak in the system can result in a low flame or hazardous condition. Most L.P. gas tanks now come equipped with a leak detector mechanism internal to the tank. When gas is allowed to escape rapidly, it shuts off the gas supply. A leak may significantly reduce the gas flow, making the grill difficult to light or causing low flames.

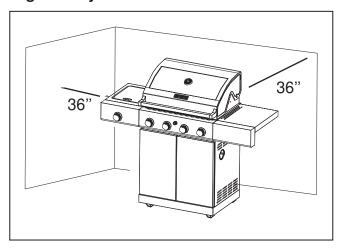
If you cannot stop a gas leak, turn off the gas supply and call your local gas company. If necessary, replace the faulty part with the manufacturer's recommended replacement part. A slight leak could cause a fire.

<u>WARNING</u> Do not use the grill in garages, breezeways, sheds or any enclosed area. Never operate the grill in enclosed areas as this could lead to a carbon monoxide buildup, which could result in injury or death. Place the grill on a level surface. Avoid moving the grill while it is in operation.

NOTE: The grill will operate best if it is not facing directly into the wind.

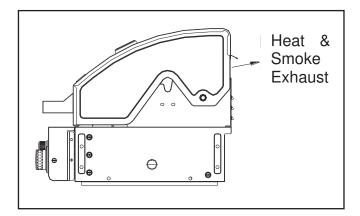
Clearance to combustible construction: A minimum of 36 in. from the sides and back must be maintained from the gas grill above and below the cooking surface to adjacent vertical combustible construction.

Clearance to non-combustible construction: A minimum of 36 in. clearance from the back of the grill to non-combustible construction is required for the lid to fully open.



Storage of an outdoor gas cooking appliance indoor is permissible only if the cylinder is disconnected and removed from the appliance.

WARNING Heat and smoke exhaust out of the back of the grill hood opening. Make sure not to have the grill back facing your home or anything that could be damaged by heat or smoke.



GENERAL RULES

Do not leave the grill unattended while cooking!

- 1. Make sure the grill has been leak tested and is properly located.
- 2. Light the grill burners using the instructions provided in this manual.
- 3. Turn the control knobs to desired temperature
- High or Low and preheat the grill for 10 minutes before cooking.
- 4. Adjust heat settings to meet your cooking needs for desired results.
- 5. Allow grill to cool down, wipe off any splatters or grease and clean the drip tray as needed.
- 6. Do not put a cover on the grill while it is still hot as it could start a fire.

Do not attempt to "light" the grill if the odor of gas present!!

BEFORE AND AFTER LIGHTING

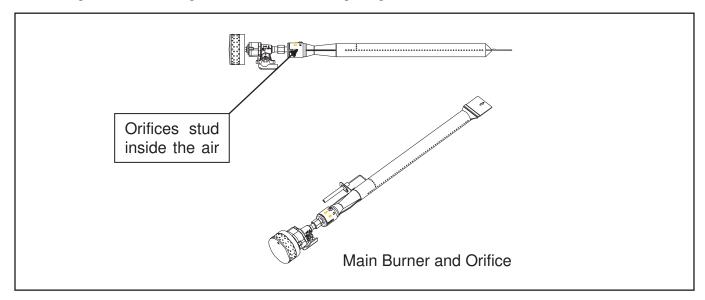
- 1. Ensure your grill is located on a level surface.
- 2. Keep the gas grill area clean and free from combustible materials, gasoline, and other flammable vapors and liquids.
- 3. Ensure nothing is obstructing the flow of combustion and ventilation air.
- 4. Ensure the ventilation of the cylinder enclosure is free and clear of debris.
- 5. Visually check burner flames.

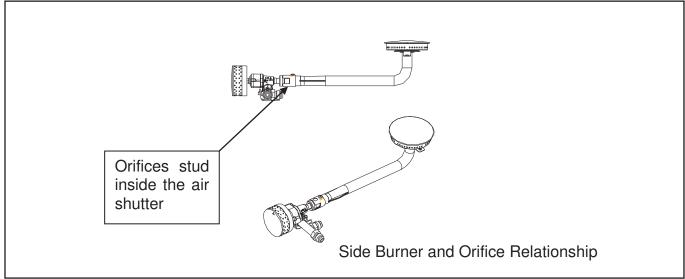
<u>WARNING</u> Check the gas supply line for cuts, wear or abrasion.

Always keep your face and body as far away from the grill as possible when lighting.

Checking orifice alignment with burners

Orifices may shift during assembly and movement. Check the orifice alignment with the burners according to the following illustrations before lighting.

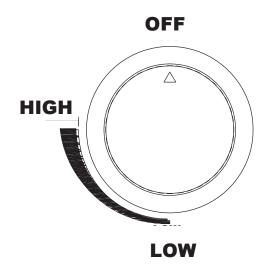




LIGHTING

Warning: Do not lean over grill when lighting.

- 1. Check that the control knobs are in the **OFF** position.
- 2. Open LP cylinder valve.
- 3. Open lid during lighting.
- 4. Press and turn the knob slowly to **HIGH** position. The burner should light within three attempts.
- 5. If burner does not light, turn the knob to **OFF**, wait 5 minutes and then repeat step 4.
- 6. Once burner is lit, rotate knob to desired heating level from **High** to **Low**.



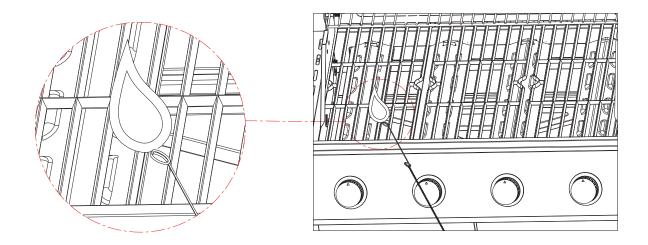
For complete shutdown

- 1. Turn the knob to "**HIGH**" position first, then push in and turn to "**OFF**" position for complete shut off.
- 2. Turn the LP gas tank valve OFF before remove the LP gas tank.

Match lighting

Warning: Do not lean over grill when lighting.

If ignitor does not light the burner, the burner may be lit with a match attached to the match extender, located on side of the cart.



Remove the main cooking grate and flame tamers. Keep your face as far away from the grill surface as possible and pass the match extender to the ports of the main burner tubes. Position the match near the burner ports and push and turn the control knob counter-clockwise to the "HIGH" position. After the burner has lit, turn the knob to the "LP LOW" position and carefully place the flame tamers and grates back in position. Then turn the control knob to the desired setting.

NOTE: If the grill will not light after several attempts see the Troubleshooting section of this manual. Turn the control knobs to the OFF position when not in use.



Keep any electrical supply cords and the fuel supply away from any heated surfaces.

AWARNING

HOOD SHOULD NOT BE CLOSED FOR LONG PERIODS WHEN INFRARED BURNER IS IN USE.

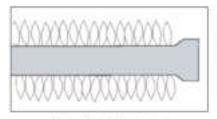
However, there are steps you must take to prevent cracking of the burner's ceramic surfaces, which will cause the burners to malfunction. The following are the most common causes of cracks and the steps you must take to avoid them. **Damage caused by failure to follow these steps is not covered by your grill warranty.**

IMPACT WITH HARD OBJECTS - Never allow hard objects to strike the ceramic. You should take particular care when inserting or removing cooking grids and accessories into or from the grill. If objects such as these fall onto ceramic, it is likely to crack the ceramic.

IMPAIRED VENTILATION OF HOT AIR FROM GRILL - In order for the burners to function properly, hot air created by the burners must have a way to escape. The burners may become deprived of oxygen, causing them to backfire, especially if the burner output is set at HIGH. If this occurs repeatedly, the burners may crack. This is the reason your grill was designed with ventilation louvers. These design features give the hot air an escape route. Accordingly, never operate your grill with very little or no open space at the cooking surface (the cooking grids provide sufficient space). Also, never cover the ventilation louvers with foil or other materials that prevent air flow. Specifically, do not cover the entire surface with foil, a large pan, etc.

GENERAL MAINTENANCE

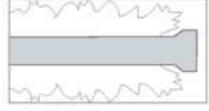
- Keep outdoor cooking gas appliance area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
- Do not obstruct the flow of combustion and ventilation air.
- Keep the ventilation openings of the cylinder enclosure free and clear from debris.
- Visually check the burners.



Normal: Soft blue flames



Out of Adjustment: Hard blue flames, too much air



Poor Combustion: wavy, yellow flames- too little sir

GENERAL CLEANING

IMPORTANT: Before cleaning, make sure all controls are off and the grill is cool. Always follow label instructions on cleaning products.

For routine cleaning, wash with soap and water using a soft cloth or sponge. Rinse with clean water and dry at once with a soft, lint-free cloth to avoid spots and streaks.

To avoid scratching the surface, do not use steel wool to clean the grill.

Use a vinyl grill cover to protect finish from weather.

CARE AND MAINTENANCE

DRIP TRAY

The drip tray should be cleaned periodically to prevent heavy buildup of debris.

NOTE: Allow the drip tray to cool before attempting to clean.

Important: Do not leave the grill outside during inclement weather unless it is covered. Rain water can collect inside of the grill, the grill cart or the drip tray if left uncovered. If the drip tray is not cleaned after use and the grill is left uncovered, the drip tray will fill with water causing grease and water to spill into the grill cart. It is recommended to clean and store the drip tray after every use.

COOKING GRATES

The cooking grates can be cleaned immediately after cooking is completed and after turning off the grill. Wear a barbecue mitt and scrub the cooking grates with a damp cloth. If the grill is allowed to cool down, cleaning the grates will be easier if removed from the grill and cleaned with a mild detergent.

STAINLESS STEEL

After initial usage, areas of the grill may discolor from the intense heat given off by the burners. This is normal.

Purchase a mild stainless steel cleaner and rub in the direction of the grain of the metal. Specks of grease can gather on the surface of the stainless steel and bake on to the surface and give a worn appearance. For removal, use a non-abrasive oven cleaner in conjunction with a stainless cleaner.

NOTE: Always scrub in the direction of the grain.

PORCELAIN PARTS

Certain parts of your grill have a porcelain coating. Porcelain is a glass-based product and is highly durable to standard wear and tear. However, porcelain is sensitive to concussive blows, which can create interlaced micro-fractures or "spider-webs." Please take care not to strike any porcelain covered parts with solid objects, drop them, or create any other concussive blows. These interlaced micro-fractures are common and may lead to minor chipping. Neither the chipping nor the interlaced micro-fractures will adversely affect the performance of your grill and are not covered under the warranty for porcelain parts.

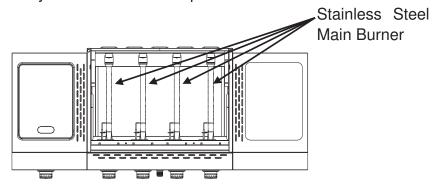
PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
	1. The ignition wire came off the	Reconnect the ignition wire to the
	igniter/valve.	electrical igniter/valve.
	2. The distance between the ignition	2. Loosen the ignition pin and adjust the
	pin and the burner is greater	distance, then fasten it again.
0.:11:11	than 5/32 in 3/16 in.	2. Call avetemor comice for a
Grill will not	3. The ignition wire is broken.4. The electrode tip does not	3. Call customer service for a
light.	•	replacement ignition wire. 4. Reinstall the electrode.
	produce sparks at the burner port.	5. Turn on the regulator valve.
	5. No gas supplied.	6. Loosen the air shutter and adjust the
	6. Air shutter opening is too big.	opening to a smaller size.
	o. 7th shatter opening to too big.	opening to a smaller size.
	1. The air shutter opening is not	1. Loosen the air shutter and adjust the
Burner flame	properly set.	opening to have blue flames.
is yellow and	2. Spiders or insects block the air	1/4 in. opening for LPG.
gas odor can	shutter.	2. Clean blockages.
be smelled.	3. Possible gas leaks.	3. Check for the source of gas leaks.
	1. Grilling fatty meats.	Move the meats to the warming rack if
		flare up continues until flame settles
	2. Knobs on "HIGH".	down.
Excessive		2. Grill fatty meats when the grids are
flare-up.	3. Spray water on gas flames.	cold while the knobs are on the "LP
	4. Head aloned when avilling	LOW" (when using LP Gas)
	4. Hood closed when grilling	3. Never spray water on gas flames.4. Hood up when grilling.
	1. LP tank is empty.	1. Refill the LP Tank.
Burner blows	2. Burner is not aligned with the	2. Install the burner correctly.
	control valve.	2. Check the gas supply hose and make
out.	3. Gas supply is not sufficient.	sure there are no leaks and no
		knots.
Low heat	1. Ports are blocked.	Clear ports of any obstructions.
with the knob	2. LP tank has run out.	2. Refill the LP tank.
in "HIGH"		
position.		
	The propane regulator assembly	Please follow these instructions:
	incorporates an excess flow device	1. Make sure all burners are "OFF".
	designed to supply the grill with	2. Open the tank valve and wait 5
Low heat,	sufficient gas flow. Rapid changes in	minutes.
LP gas.	pressure can trigger the excess flow	3. Light the burner one at a time
	device, providing a low flame and	following the lighting instructions
	low temperature.	listed on the door liner

Proof of purchase is required to access this warranty program, which is in effect from the date of purchase. Customers will be subject to parts, shipping, and handling fees if unable to provide proof of the purchase or after the warranty has expired.

If you have any questions or problems, you can call our customer service at 1-800-963-0211, 8 a.m. - 8 p.m., EST, Monday – Friday.

Limited Warranty

Manufacturer warrants this product for the Stainless Steel Main Burner for 5 years and all other replacement parts for 1 year from the date of purchase.



Warranty Provisions:

This warranty is non-transferable and does not cover failures due to misuse of improper installation or maintenance.

This warranty is for replacement of defective parts only. We are not responsible for incidental or consequential damages or labor costs.

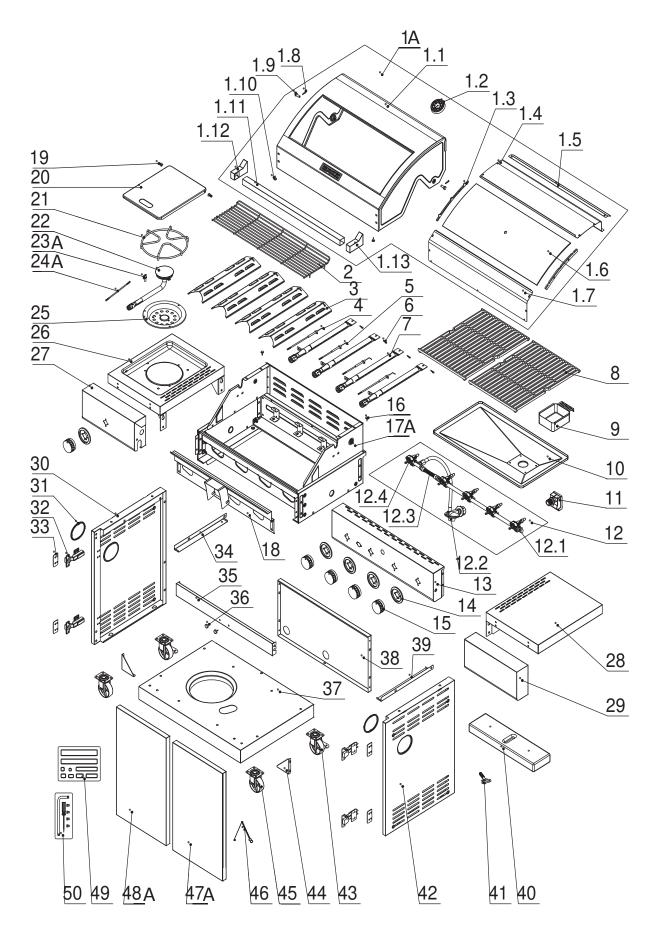
This warranty does not cover corrosion or discoloration after the grill is used, or lack of maintenance, hostile environment, accidents, alterations, abuse or neglect.

This warranty does not cover damage caused by heat, abrasive and chemical cleaners, or any damage to other components used in the installation or operation of the gas grill.

Paint is not warranted and may require touch-up. Items considered to be consumable such as batteries are not covered under this warranty.

Some states do not allow the limitation or exclusion of incidental or consequential damages, so the above limitations or exclusions 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.

For replacement parts, call our customer service at 1-800-963-0211, 8 a.m. - 8 p.m., EST, Monday - Friday.



REPLACEMENT PARTS LIST

PART	DESCRIPTION	PART NO	QTY
1A	Lid Assembly (1.1-1.13)	CH229422	1
1.1	Lid Panel (includes nameplate)	5213197	1
1.2	Temperature gauge	2306115	1
1.3	Glass Fixed Plate	5203637	2
1.4	Back Hood Inner Plate	5210318	1
1.5	Rain-Resistance Plate	5206740	1
1.6	Glass	2406689	1
1.7	Front Hood Inner Plate	5203634	1
1.8	R-Pin	2300219	2
1.9	Lid Axis	2307348	2
1.10	Spacer	2100158	2
1.11	Lid Handle	5203159	1
1.12	Lid Left Handle Bezel	5210280	1
1.13	Lid Right Handle Bezel	5210281	1
2	Warming Rack	2406711	1
3	Heat Tent	5203764	4
4	Tube Burner Ignition Pin -330mm	2409259	2
5	Tube Burner Ignition Pin -230mm	2409258	2
6	R-Pin	2307001	4
7	Tube Burner	2409257	4
8	Cooking Grate	2406691	2
9	Grease Cup	5210023	1
10	Drip Tray	CH229410	1
11	Electric Igniter	2409469	1
12	Manifold & Gas Valve Assembly (12.1-12.4)	CH229412	1
12.1	Main Burner Manifold &Gas Valve Assembly	5210343	1
12.2	Regulator	5210371	1

REPLACEMENT PARTS LIST

12.3 Side Burner Corrugated Pipe 2409207 1 12.4 Side Burner Manifold &Gas Valve Assembly 5210342 1 13 Control Panel 5213192 1 14 Knob Bezel 5210382 5 15 Knob 2307517 5 16 Spacer 2100158 2 17A Firebox Assembly CH229419 1 18 Heat Shield CH229418 1 19 Side Burner Lid Axis 2300819 2 20 Side Burner Lid 5009944 1 21 Side Burner Trivet 2307172 1 22 Side Burner Ignition Pin 2405972 1 24A Side Burner Ignition Wire 2413823 1 25 Side Shelf Tray 5108738 1 26 Left Side Shelf Assy. 5210285 1 27 Left Side Shelf Front Panel 5210286 1 28 Right Side Shelf Front Panel 5210288 1	PART	DESCRIPTION	PART NO	QTY
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20 Side Burner Lid 5009944 1 21 Side Burner Trivet 2307172 1 22 Side Burner 2411277 1 23A Side Burner Ignition Pin 2405972 1 24A Side Burner Ignition Wire 2413823 1 25 Side Shelf Tray 5108738 1 26 Left Side Shelf Assy. 5210285 1 27 Left Side Shelf Front Panel 5210287 1 28 Right Side Shelf Assy. 5210286 1 29 Right Side Shelf Front Panel. 5210288 1 30 Cart Left Side Panel 5203639 1 31 Regulator Protecting Ring 2406589 2 32 Door Hinge 2408214 4 33 Hinge Spacer 5209948 4 34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	18	Heat Shield	CH229418	1
21 Side Burner Trivet 2307172 1 22 Side Burner 2411277 1 23A Side Burner Ignition Pin 2405972 1 24A Side Burner Ignition Wire 2413823 1 25 Side Shelf Tray 5108738 1 26 Left Side Shelf Assy. 5210285 1 27 Left Side Shelf Front Panel 5210287 1 28 Right Side Shelf Assy. 5210286 1 29 Right Side Shelf Front Panel. 5210288 1 30 Cart Left Side Panel 5203639 1 31 Regulator Protecting Ring 2406589 2 32 Door Hinge 2408214 4 33 Hinge Spacer 5209948 4 34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	19	Side Burner Lid Axis	2300819	2
22 Side Burner 2411277 1 23A Side Burner Ignition Pin 2405972 1 24A Side Burner Ignition Wire 2413823 1 25 Side Shelf Tray 5108738 1 26 Left Side Shelf Assy. 5210285 1 27 Left Side Shelf Front Panel 5210287 1 28 Right Side Shelf Assy. 5210286 1 29 Right Side Shelf Front Panel. 5210288 1 30 Cart Left Side Panel 5203639 1 31 Regulator Protecting Ring 2406589 2 32 Door Hinge 2408214 4 33 Hinge Spacer 5209948 4 34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	20	Side Burner Lid	5009944	1
23A Side Burner Ignition Pin 2405972 1 24A Side Burner Ignition Wire 2413823 1 25 Side Shelf Tray 5108738 1 26 Left Side Shelf Assy. 5210285 1 27 Left Side Shelf Front Panel 5210287 1 28 Right Side Shelf Assy. 5210286 1 29 Right Side Shelf Front Panel. 5210288 1 30 Cart Left Side Panel 5203639 1 31 Regulator Protecting Ring 2406589 2 32 Door Hinge 2408214 4 33 Hinge Spacer 5209948 4 34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	21	Side Burner Trivet	2307172	1
24A Side Burner Ignition Wire 2413823 1 25 Side Shelf Tray 5108738 1 26 Left Side Shelf Assy. 5210285 1 27 Left Side Shelf Front Panel 5210287 1 28 Right Side Shelf Assy. 5210286 1 29 Right Side Shelf Front Panel. 5210288 1 30 Cart Left Side Panel 5203639 1 31 Regulator Protecting Ring 2406589 2 32 Door Hinge 2408214 4 33 Hinge Spacer 5209948 4 34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	22	Side Burner	2411277	1
25 Side Shelf Tray 5108738 1 26 Left Side Shelf Assy. 5210285 1 27 Left Side Shelf Front Panel 5210287 1 28 Right Side Shelf Assy. 5210286 1 29 Right Side Shelf Front Panel. 5210288 1 30 Cart Left Side Panel 5203639 1 31 Regulator Protecting Ring 2406589 2 32 Door Hinge 2408214 4 33 Hinge Spacer 5209948 4 34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	23A	Side Burner Ignition Pin	2405972	1
26 Left Side Shelf Assy. 5210285 1 27 Left Side Shelf Front Panel 5210287 1 28 Right Side Shelf Assy. 5210286 1 29 Right Side Shelf Front Panel. 5210288 1 30 Cart Left Side Panel 5203639 1 31 Regulator Protecting Ring 2406589 2 32 Door Hinge 2408214 4 33 Hinge Spacer 5209948 4 34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	24A	Side Burner Ignition Wire	2413823	1
27 Left Side Shelf Front Panel 5210287 1 28 Right Side Shelf Assy. 5210286 1 29 Right Side Shelf Front Panel. 5210288 1 30 Cart Left Side Panel 5203639 1 31 Regulator Protecting Ring 2406589 2 32 Door Hinge 2408214 4 33 Hinge Spacer 5209948 4 34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	25	Side Shelf Tray	5108738	1
28 Right Side Shelf Assy. 5210286 1 29 Right Side Shelf Front Panel. 5210288 1 30 Cart Left Side Panel 5203639 1 31 Regulator Protecting Ring 2406589 2 32 Door Hinge 2408214 4 33 Hinge Spacer 5209948 4 34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	26	Left Side Shelf Assy.	5210285	1
29 Right Side Shelf Front Panel. 5210288 1 30 Cart Left Side Panel 5203639 1 31 Regulator Protecting Ring 2406589 2 32 Door Hinge 2408214 4 33 Hinge Spacer 5209948 4 34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	27	Left Side Shelf Front Panel	5210287	1
30 Cart Left Side Panel 5203639 1 31 Regulator Protecting Ring 2406589 2 32 Door Hinge 2408214 4 33 Hinge Spacer 5209948 4 34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	28	Right Side Shelf Assy.	5210286	1
31 Regulator Protecting Ring 2406589 2 32 Door Hinge 2408214 4 33 Hinge Spacer 5209948 4 34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	29	Right Side Shelf Front Panel.	5210288	1
32 Door Hinge 2408214 4 33 Hinge Spacer 5209948 4 34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	30	Cart Left Side Panel	5203639	1
33 Hinge Spacer 5209948 4 34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	31	Regulator Protecting Ring	2406589	2
34 Left Drip Tray Support 5201882 1 35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	32	Door Hinge	2408214	4
35 Front Beam 5203641 1 36 Cushion Rubber 2404055 2	33	Hinge Spacer	5209948	4
36 Cushion Rubber 2404055 2	34	Left Drip Tray Support	5201882	1
	35	Front Beam	5203641	1
37 Bottom Panel 5213193 1	36	Cushion Rubber	2404055	2
	37	Bottom Panel	5213193	1

REPLACEMENT PARTS LIST

PART	DESCRIPTION	PART NO	QTY
38	Cart Back Panel	5203721	1
39	Right Drip Tray Support	5201883	1
40	Weight Plate	2406712	1
41	Cylinder Locking Screw	2411353	1
42	Cart Right Side Panel	5203640	1
43	Lockable Castor	2410040	2
44	Triangle reinforcing Plate	5108964	2
45	Unlockable Castor	2100513	2
46	Match-Light Extension	2411023	1
47A	Right Door	CH229420	1
48A	Left Door	CH229421	1
49	Hardware Pack	5213195	1
50	NG Conversion Kit	5213196	1

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