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> Kenmore 4-Burner Propane Gas Grill with Searing Side Burner (Model PG-A40409S0LB) User Manual

Kenmore PG-A40409S0LB

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Model: PG-A40409S0LB | Brand: Kenmore

1. INTRODUCTION

This manual provides essential instructions for the safe assembly, operation, maintenance, and troubleshooting of your Kenmore 4-Burner Propane Gas Grill with Searing Side Burner. Please read this manual thoroughly before using the grill and retain it for future reference.

2. SAFETY INFORMATION

WARNING: For outdoor use only. Do not store or use gasoline or other flammable vapors and liquids 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 flame.
3. Open lid.
4. If odor continues, keep away from the appliance and immediately call your gas supplier or fire department.

Always ensure proper ventilation. Keep children and pets away from the grill during operation. Maintain a safe distance from combustible materials.

3. PACKAGE CONTENTS

Verify that all components are present before beginning assembly. Refer to the assembly diagram for identification.

- Grill Hood and Firebox Assembly
- Main Burners (4)
- Searing Side Burner (1)
- Cooking Grates (Cast Iron)

- Warming Rack
- Side Shelves
- Control Panel and Knobs
- Enclosed Cart with Doors
- Casters (3" with 2 locking)
- Grease Cup (Aluminum)
- Electronic Ignition System
- Propane Hose and Regulator
- Hardware Pack
- User Manual (this document)

4. SETUP AND ASSEMBLY

Assembly is required for this grill. It is recommended to have at least two people for assembly. Use appropriate safety gear, such as gloves, to avoid sharp edges. The estimated assembly time is approximately 1-2 hours.

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Base Assembly:** Assemble the cart base, ensuring the casters are correctly installed. Two casters are locking and should be positioned for stability.
3. **Firebox and Burner Installation:** Mount the firebox onto the cart. Install the main burners and the searing side burner according to the diagrams. Ensure all gas connections are secure.
4. **Side Shelf Attachment:** Attach the side shelves to the main grill body.
5. **Control Panel and Ignition:** Install the control panel and knobs. Connect the electronic ignition system. Ensure the AA battery (1 required) is inserted correctly for the electronic ignition.
6. **Grates and Warming Rack:** Place the porcelain-coated cast iron cooking grates and the porcelain-coated wire warming rack into position.
7. **Propane Tank Connection:** Connect the propane tank (not included) to the regulator and hose. Perform a leak test before first use.



Image 1: Front view of the assembled Kenmore 4-Burner Propane Gas Grill.



Image 2: Dimensions of the Kenmore 4-Burner Propane Gas Grill: 21.8"D x 53.2"W x 45.4"H.

5. OPERATING INSTRUCTIONS

5.1. Pre-Operation Checks

- Ensure the grill is on a level, stable surface.
- Check all gas connections for leaks using a soap and water solution.
- Confirm the propane tank valve is fully open.

5.2. Lighting the Main Burners

1. Open the grill lid.
2. Turn one main burner control knob to the HIGH position.
3. Immediately press and hold the electronic ignition button. You should hear a clicking sound and see a spark.
4. Once the burner ignites, release the ignition button.
5. If the burner does not light within 5 seconds, turn the control knob to OFF, wait 5 minutes for gas to clear, and

repeat the process.

6. Repeat for other main burners as needed.



Image 3: Detail of the electronic ignition button and searing burner control for easy starting.

5.3. Lighting the Searing Side Burner

1. Open the side burner lid.
2. Turn the searing burner control knob to the HIGH position.
3. Immediately press and hold the electronic ignition button.
4. Once the burner ignites, release the ignition button.
5. If the burner does not light within 5 seconds, turn the control knob to OFF, wait 5 minutes, and repeat.



SEARING SIDE BURNER

HEATS QUICKLY TO
EVENLY SEAR MEATS

EASILY ADJUSTS FOR
POTS AND PANS



MOBILITY

EASY TO MOVE,
SECURE AND STORE

Image 4: The searing side burner, designed for quick, high-heat cooking.

5.4. Cooking

The grill features 4 main burners (10,000 BTUs each) and one 12,000 BTU searing side burner, totaling 52,000 BTUs. The total cooking surface is 593 square inches (425 sq. in. primary, 168 sq. in. warming rack). Adjust burner controls to achieve desired cooking temperatures. The built-in thermometer on the lid provides temperature readings.



Image 5: Overview of the grill's cooking area, showing main grates, warming rack, and searing burner.



EVEN HEAT DISTRIBUTION

4 STAINLESS-STEEL BURNERS EACH -10,000 BTUs
1 STAINLESS-STEEL SEARING BURNER - 12,000 BTUs

Image 6: Illustration of even heat distribution across the four stainless steel main burners.

5.5. Shutting Down the Grill

1. Turn all burner control knobs to the OFF position.
2. Close the valve on the propane tank.

6. MAINTENANCE

6.1. Cleaning the Cooking Grates

After each use, once the grill has cooled, clean the porcelain-coated cast iron cooking grates with a grill brush. For stubborn residue, use warm soapy water and a non-abrasive brush.

6.2. Cleaning the Grease Cup

Regularly check and empty the aluminum grease cup located beneath the firebox. This prevents grease buildup and potential flare-ups.

6.3. Exterior Cleaning

Wipe down stainless steel and powder-coated surfaces with a damp cloth and mild detergent. Avoid abrasive cleaners that can scratch the finish. The durable powder-coated finish is designed for longevity.

6.4. Storage

When not in use, store the grill in a dry, protected area. It is recommended to use a grill cover to protect it from weather elements. The enclosed cart provides convenient storage for the propane tank.



Image 7: Hinged doors provide convenient access to the propane storage compartment.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Burner fails to ignite	No gas flow; clogged burner ports; faulty igniter	Check propane tank connection and level; clean burner ports; check igniter battery (AA) and connections.
Low flame or uneven heat	Low gas pressure; clogged burner ports; regulator issue	Ensure propane tank valve is fully open; clean burner ports; reset regulator by disconnecting and reconnecting.
Flare-ups	Excess grease buildup; high heat setting	Clean grease cup and firebox; reduce heat setting; trim excess fat from food.
Gas odor	Gas leak	Immediately shut off gas. Perform a leak test with soapy water. If leak persists, do not use and contact qualified service personnel.

8. SPECIFICATIONS

- **Model Name:** PG-A40409S0LB
- **Brand:** Kenmore
- **Product Dimensions:** 21.8"D x 53.2"W x 45.4"H
- **Fuel Type:** Propane Gas
- **Main Burners:** 4 x 10,000 BTU Stainless Steel
- **Side Burner:** 1 x 12,000 BTU Searing Burner
- **Total BTU:** 52,000 BTUs

- **Cooking Surface Area:** 593 sq. inches total (425 sq. in. primary, 168 sq. in. warming rack)
- **Grates Material:** Porcelain Coated Cast Iron
- **Ignition:** Electronic Push Button (1 AA battery required)
- **Features:** Built-In Thermometer, Enclosed Cabinet, Locking Casters, Removable Grease Tray, Warming Rack
- **Material:** Metal, Stainless Steel (Frame, Handle), Powder Coated Finish
- **Item Weight:** 88.2 Pounds
- **UPC:** 810050791618

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or visit the official Kenmore website. Keep your purchase receipt for warranty claims.

You can also find additional support and product information by visiting the [Kenmore Store on Amazon](#).

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