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Kenmore PG-A40406S0L-SE

Kenmore 4-Burner Propane Gas Grill Instruction Manual

Model: PG-A40406S0L-SE

1. INTRODUCTION

This manual provides essential instructions for the safe assembly, operation, and maintenance of your Kenmore 4-Burner Propane Gas Grill, Model PG-A40406S0L-SE. This outdoor grill features four main burners, a side burner, cast iron cooking grates, and electronic ignition, designed for outdoor cooking with propane gas.

Please read this manual thoroughly before attempting to assemble or operate the grill. Keep this manual for future reference.



Image 1.1: Kenmore 4-Burner Propane Gas Grill in an outdoor setting.

2. SAFETY INFORMATION

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

- For outdoor use only. Do not operate this appliance inside any building, garage, or other enclosed area.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- An LP cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.
- Keep children and pets away from the grill at all times.
- Always ensure the grill is on a level, stable surface.
- Do not attempt to light the burner with the lid closed. Always open the lid before lighting.
- Perform a leak test on all gas connections before initial use and after any cylinder change.

- Never leave a lit grill unattended.

3. PACKAGE CONTENTS

Verify that all components are present before beginning assembly. Refer to the detailed parts list in the full user manual (PDF) for identification.

- Grill Lid with Thermometer
- Main Burner Assembly (4 burners)
- Side Burner Assembly
- Cooking Grates (Cast Iron)
- Warming Rack
- Side Shelves
- Grill Cart Frame
- Wheels and Locking Casters
- Hardware Pack
- User Manual (this document and PDF)
- Electric Starter (integrated)

4. ASSEMBLY INSTRUCTIONS

Assembly of the Kenmore 4-Burner Propane Gas Grill is required. It is recommended to have two people for assembly. An electric screwdriver can assist with the process.

For detailed, step-by-step assembly instructions, please refer to the comprehensive User Manual PDF available for download or included with your product. Ensure all parts are accounted for and follow the diagrams carefully.

Note: If converting to natural gas, an optional conversion kit (part #PP-20400-CS, ASIN: B0858VLXV8) is required, and professional installation is recommended for safety and proper function.



Image 4.1: Front view of the assembled Kenmore 4-Burner Propane Gas Grill.

5. SETUP

5.1 Propane Tank Connection

1. Ensure all grill burner control knobs are in the OFF position.
2. Connect the regulator hose to the propane tank valve. Hand-tighten firmly. Do not use tools.
3. Open the propane tank valve slowly, allowing gas to flow into the regulator.

5.2 Leak Testing

Before first use and after every tank change, perform a leak test:

1. Mix a solution of equal parts liquid dish soap and water.
2. Ensure all burner control knobs are OFF.
3. Turn on the propane tank valve.
4. Apply the soap solution to all gas connections (regulator to tank, hose to manifold, etc.).
5. If bubbles appear, there is a leak. Immediately turn off the propane tank valve and tighten the connection. Repeat the test. If the leak persists, do not use the grill and contact customer support.

5.3 Initial Burn-Off

Before cooking food for the first time, operate the grill on high heat for 15 minutes with the lid closed. This will burn off any manufacturing residues.

6. OPERATING INSTRUCTIONS

6.1 Lighting the Main Burners

1. Open the grill lid.
2. Ensure the propane tank valve is open.
3. Push and turn one main burner control knob to the HIGH position.
4. Press and hold the electronic ignition button until the burner ignites. You should hear a clicking sound.
5. Once lit, release the ignition button. If the burner does not light within 5 seconds, turn the knob to OFF, wait 5 minutes, and repeat the process.
6. Adjust the flame to the desired cooking temperature.

6.2 Using the Side Burner

The side burner provides additional cooking versatility for sauces or side dishes.

1. Open the side burner lid.
2. Push and turn the side burner control knob to the HIGH position.
3. Press and hold the electronic ignition button until the burner ignites.
4. Adjust the flame as needed.



Image 6.1: Electronic ignition and control knobs for easy starting and temperature control.



SIDE BURNER

ADDITIONAL BURNER
FOR MAXIMIZED EFFORT

STABILITY



2 FEET FOR
LEVEL COOKING



2 LARGE WHEELS FOR
EASE OF PORTABILITY

Image 6.2: The integrated side burner offers additional cooking space.

6.3 Temperature Control and Cooking Area

The grill features 4 main burners, each delivering 10,000 BTUs, and a 13,000 BTU side burner, totaling 53,000 BTUs. The cast iron cooking grates provide even heat distribution and retention.

The total cooking surface is 622 square inches, with 442 square inches of primary grilling surface and a 180 square inch warming rack.



EVEN HEAT DISTRIBUTION & RETENTION

4 STAINLESS STEEL BURNERS EACH 10,000 BTUs
BONUS SIDE BURNER 13,000 BTUs
PORCELAIN COATED CAST IRON COOKING GRATES

Image 6.3: Cast iron cooking grates for superior heat distribution.



Image 6.4: Spacious cooking area for various foods.

7. MAINTENANCE

7.1 Cleaning the Cooking Grates

After each use, once the grill has cooled, brush off any food residue from the cast iron grates using a grill brush. For stubborn residue, wash with warm soapy water and rinse thoroughly. Ensure grates are dry before storage to prevent rust.

7.2 Exterior Cleaning

Wipe down the exterior surfaces with a damp cloth and mild detergent. For stainless steel parts, use a stainless steel cleaner to maintain its finish. Avoid abrasive cleaners or pads that can scratch the surface.

7.3 Burner Maintenance

Periodically inspect burner ports for blockages (e.g., spider webs, food debris). Use a wire brush or paper clip to clear any

obstructions. Ensure the burner tubes are properly seated over the valve orifices.

8. TROUBLESHOOTING

- **Burner Fails to Light:**
 - Check propane tank for gas.
 - Ensure propane tank valve is fully open.
 - Verify all gas connections are secure and leak-free.
 - Check for blockages in burner ports.
 - Ensure the electronic igniter is sparking (you should hear a click). If not, check the battery (1 AA battery required).
- **Uneven Heating:**
 - Clean burner ports to ensure even flame distribution.
 - Ensure heat deflectors/flame tamers are correctly positioned.
- **Low Flame:**
 - Check for low propane level.
 - Reset the regulator's bypass valve: Turn off all burner knobs and the tank valve. Disconnect the regulator from the tank, wait 30 seconds, then reconnect and slowly open the tank valve.

9. SPECIFICATIONS

Feature	Detail
Brand	Kenmore
Model Name	PG-A40406S0L-SE
Product Dimensions (D x W x H)	23.3" x 54.1" x 46.4"
Fuel Type	Propane Gas (LPG)
Total BTUs	53,000 BTUs
Main Burners	4 x 10,000 BTUs
Side Burner	1 x 13,000 BTUs
Total Cooking Surface Area	622 sq. inches
Primary Cooking Surface	442 sq. inches
Warming Rack Area	180 sq. inches
Grates Material	Cast Iron
Ignition Type	Electronic Ignition (1 AA battery required)
Frame Material	Metal
Item Weight	76 Pounds

DIMENSIONS

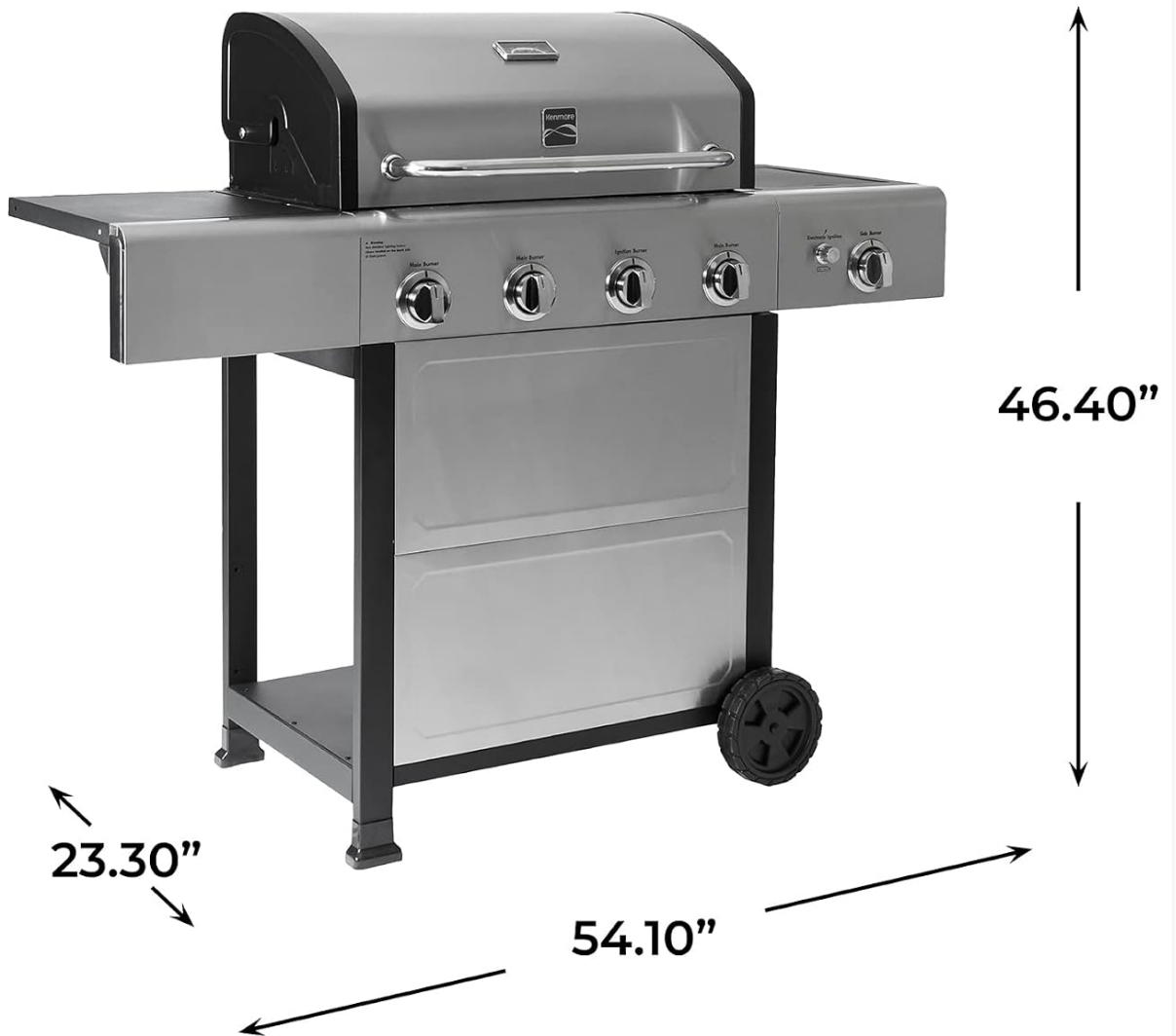


Image 9.1: Product dimensions for planning placement.

10. WARRANTY AND SUPPORT

10.1 Warranty Information

This Kenmore grill comes with a **1-Year Limited Warranty**. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation included with your product or contact Kenmore customer service.

10.2 Customer Support

For assistance with assembly, operation, parts, or warranty inquiries, please contact Kenmore customer support. Refer to the contact information provided in your product packaging or on the official Kenmore website.

A detailed User Manual (PDF) is available for download for comprehensive instructions and diagrams. You can typically find this on the product's support page on the manufacturer's website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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