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Weber Genesis S-415

Weber Genesis S-415 Liquid Propane Gas Grill Instruction Manual

Model: Genesis S-415 | Brand: Weber

1. PRODUCT OVERVIEW

The Weber Genesis S-415 Liquid Propane Gas Grill is designed for outdoor cooking, offering durability and performance. It features a 4-burner system with PureBlu burners for consistent heat distribution. The grill includes stainless steel cooking grates and FLAVORIZER Bars. It is compatible with the WEBER CRAFTED Outdoor Kitchen Collection for expanded cooking techniques. A liquid propane tank is sold separately.



Image: Front view of the Weber Genesis S-415 Liquid Propane Gas Grill in stainless steel.

2. SETUP AND ASSEMBLY

Assembly of the Weber Genesis S-415 grill is required. Please follow the detailed instructions provided in the included user manual for proper and safe assembly. Ensure all components are present and securely fastened before first use.

Key Assembly Steps:

- Unpack all components and verify against the parts list.
- Assemble the main cart structure, ensuring all screws and bolts are tightened.
- Install the burner system and connect the gas lines according to local codes and safety guidelines.
- Place the cooking grates and FLAVORIZER Bars.
- Attach side tables and any additional accessories.
- Perform a leak test on all gas connections before initial operation.

3. OPERATING INSTRUCTIONS

Before operating, ensure the grill is on a level, stable surface and the propane tank is securely connected and open.

3.1 Lighting the Main Burners

1. Open the grill lid.
2. Turn on the gas supply at the propane tank.
3. Push and turn the control knob for the far-left burner to the START/HIGH position.
4. Press the igniter button (if applicable) or use a long-stemmed lighter to ignite the burner.
5. Once the first burner is lit, turn on adjacent burners to the HIGH position as needed.
6. Close the lid and preheat the grill to the desired temperature.

3.2 Using the Side Burner

The side burner provides additional cooking versatility for sauces, side dishes, or boiling. Ensure the side burner lid is open before lighting.

1. Open the side burner lid.
2. Push and turn the side burner control knob to the START/HIGH position.
3. Press the igniter button or use a long-stemmed lighter to ignite.
4. Adjust the flame to the desired cooking level.



Image: Side view of the Weber Genesis S-415 Liquid Propane Gas Grill, showing the side table and controls.

4. FEATURES

- **PureBlu Burners:** Unique tapered design for consistent flame and even heat distribution, minimizing clogs.
- **Stainless Steel Grates and FLAVORIZER Bars:** Durable cooking grates for quick heating. FLAVORIZER Bars vaporize juices, enhance flavor, and prevent flare-ups.
- **Grease Management System:** Features a pull-out grease tray located under the cookbox for easy disposal and cleaning.
- **WEBER CRAFTED Outdoor Kitchen Collection Compatibility:** Cooking grates accommodate a frame kit and custom-fit grillware (sold separately) for diverse cooking methods like pizza, griddling, and more.
- **Warming Rack:** Keeps food warm, toasts buns, or grills smaller items while the main course cooks below.
- **Side Tables:** Provides convenient space for platters, seasonings, and tools.

Your browser does not support the video tag.

Video: This video demonstrates the versatility of the Weber Crafted Outdoor Kitchen Collection, showcasing various grillware accessories like flat tops, baking stones, roasting baskets, and woks, which can be used with the Genesis S-415 grill.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your grill.

5.1 Cleaning the Cooking Grates

- Preheat the grill on high for 10-15 minutes after each use.
- Brush the grates with a grill brush to remove food residue.
- For deeper cleaning, allow grates to cool, then wash with warm soapy water and rinse thoroughly.

5.2 Grease Management System

- Regularly check and empty the pull-out grease tray to prevent grease fires.
- Clean the grease tray and catch pan with warm soapy water.

5.3 Exterior Cleaning

- Wipe down stainless steel surfaces with a stainless steel cleaner and a soft cloth.
- Avoid abrasive cleaners or pads that can scratch the finish.



Image: A hand demonstrating the removal of the grease tray for cleaning.

6. TROUBLESHOOTING

If you encounter issues with your grill, refer to the following common troubleshooting tips:

- **Burner Not Lighting:** Check if the propane tank is open and has sufficient gas. Ensure gas lines are not kinked.

Verify igniter is sparking.

- **Uneven Heat:** Clean burners and FLAVORIZER Bars to remove any blockages. Ensure proper gas flow.
- **Low Flame:** Check for a tripped "bypass" on the regulator (often caused by opening the tank valve too quickly). Turn off all burners and the tank, wait a few minutes, then slowly open the tank valve fully before lighting burners.
- **Grease Fires:** Regularly clean the grease management system. Trim excess fat from meats before grilling.

7. SPECIFICATIONS

Feature	Detail
Brand	Weber
Model Name	Genesis S-415 Liquid Propane Gas Grill, Stainless Steel
Product Dimensions	27"D x 64.5"W x 48.1"H
Fuel Type	Gas (Liquid Propane)
Main Burner Count	4
Cooking Surface Area	820 Square Inches
Material	Stainless Steel
Item Weight	211 pounds (95.71 Kilograms)
Assembly Required	Yes
Cooking System	Weber's PureBlu Burner System with FLAVORIZER Bars
UPC	077924999079
Item Model Number	1500539

8. WARRANTY AND SUPPORT

The Weber Genesis S-415 grill is built to last and is backed by a manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official Weber website.

For customer support, replacement parts, or additional information, please contact Weber directly. You can also explore protection plans available for extended coverage.

- **Manufacturer:** Weber
- **Protection Plans:** 3-Year and 4-Year Protection Plans are available.

