

Weber SX-335

Weber Genesis Smart SX-335 LP SS Liquid Propane Grill Instruction Manual

Model: SX-335 | Brand: Weber

- [Introduction](#)
- [Safety Information](#)
- [What's in the Box](#)
- [Setup](#)
- [Operating](#)
- [Instructions](#)
- [Maintenance](#)
- [Troubleshooting](#)
- [Specifications](#)
- [Warranty & Support](#)

1. INTRODUCTION

The Weber Genesis Smart SX-335 LP SS Liquid Propane Grill is designed to provide a comprehensive outdoor cooking experience. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new grill.



Figure 1: The Weber Genesis Smart SX-335 LP SS Liquid Propane Grill. This image shows the full grill unit with its stainless steel finish and black cabinet.

2. IMPORTANT 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.

- Always operate the grill outdoors in a well-ventilated area.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Keep the 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 any electrical supply cord and fuel supply hose away from heated surfaces.
- Always check for gas leaks before each use.

- Never leave the grill unattended while cooking.
- Keep children and pets away from the grill at all times.
- Wear protective gloves when handling hot components.

3. WHAT'S IN THE BOX

Your Weber Genesis Smart SX-335 LP SS grill package includes the following components:

- Weber Genesis Smart SX-335 LP SS Gas Grill Unit
- Cooking Grates (porcelain-enameled cast iron)
- Flavorizer Bars
- Grease Management System (including drip tray and catch pan)
- Side Burner (integrated)
- Weber Connect Smart Grilling Hub (integrated)
- Propane Tank (sold separately, but required for operation)
- Instruction Manual



Figure 2: The Weber Genesis Smart SX-335 LP SS grill with its lid closed, showcasing the stainless steel finish and control panel.

4. SETUP

4.1 Assembly

Assembly of your Weber Genesis Smart SX-335 LP SS grill is required. For detailed, step-by-step interactive 3D instructions, download the free BILT app on your mobile device. This app provides visual guidance for each step of the assembly process.

Your browser does not support the video tag.

Video 1: BILT App - Step by Step Interactive Assembly Instructions. This video demonstrates the interactive 3D assembly guide available through the BILT app for the Weber Genesis grill.

Ensure all parts are accounted for before beginning assembly. It is recommended to have a second person assist with assembly due to the size and weight of some components.

4.2 Connecting the Liquid Propane Tank

1. Ensure all burner control knobs are in the OFF position.
2. Open the cabinet doors located beneath the grill.
3. Place the liquid propane tank securely in the designated tank holder.
4. Connect the regulator hose from the grill to the propane tank valve. Hand-tighten the connection firmly.
5. Slowly open the propane tank valve fully.
6. Check for any gas leaks using a soapy water solution on all connections. Bubbles indicate a leak. If a leak is detected, close the tank valve, tighten connections, and re-test. If the leak persists, do not use the grill and contact customer service.



Figure 3: A hand connecting the liquid propane tank to the grill's regulator hose inside the cabinet.

The grill cabinet features a hook that indicates the propane level by weight, helping you monitor remaining fuel.

4.3 Initial Startup

Before first use, operate the grill on high heat for 15 minutes with the lid closed to burn off any manufacturing residues. This process is called "seasoning" the grill.

5. OPERATING INSTRUCTIONS

5.1 Lighting the Main Burners

1. Open the grill lid.
2. Ensure the propane tank valve is fully open.
3. Turn the leftmost main burner control knob to the START/HIGH position.
4. Immediately press and hold the electronic ignition button until the burner ignites.
5. Once the first burner is lit, turn on adjacent burners to the desired heat setting.
6. If ignition does not occur within 5 seconds, turn the burner control(s) OFF, wait 5 minutes, and repeat the lighting procedure.



Figure 4: Close-up of the Weber Genesis grill's control knobs, showing the ignition button and burner controls.

5.2 Temperature Control and Smart Features

The Weber Genesis Smart SX-335 LP SS features integrated Weber Connect smart technology for precise temperature monitoring. The digital display on the side table shows real-time food temperatures from connected probes.

- **Weber Connect App:** Download the Weber Connect app to your smartphone for remote monitoring, temperature alerts, and flip & serve notifications.
- **Probe Capacity:** The grill supports up to 2 temperature probes for monitoring different food items simultaneously.
- **Powering the Display:** The grill display can be powered by plugging it into an electrical outlet or by using a USB-certified, 10,000mAh rechargeable power bank (sold separately) clipped under the side table.



Figure 5: The Weber Connect smart display on the grill's side table, showing temperature readings, alongside a smartphone displaying the Weber Connect app with temperature alerts.

5.3 Using the Sear Zone

The extra-large sear zone is designed for high-heat searing to achieve perfect grill marks and lock in juices. To activate the sear zone, turn the dedicated sear zone burner knob to the HIGH position. Allow it to preheat for 5-10 minutes before placing food directly over it.

5.4 Using the Side Burner

The integrated side burner allows you to sauté vegetables, boil corn, or heat up sauces while grilling. To light the side burner, open its cover, turn the control knob to the START/HIGH position, and press the electronic ignition button until it ignites.



Figure 6: The Weber Genesis grill with the side burner cover open, revealing the burner grate.

5.5 Weber Crafted Outdoor Kitchen Collection

Expand your culinary possibilities with the Weber Crafted Outdoor Kitchen Collection. By replacing a cooking grate with custom-fit grillware (sold separately), you can sear, roast, bake, steam, and stir-fry. The grill locker provides convenient storage for these accessories.



Figure 7: The Weber Crafted grillware frame installed in the grill, ready to accommodate various inserts.



Figure 8: A person stir-frying vegetables and rice in a wok insert on the Weber Genesis grill.

5.6 Cooking Techniques

- **Direct Heat:** Use direct heat for searing, grilling smaller items, or cooking foods that require quick cooking.
- **Indirect Heat:** For larger cuts of meat, poultry, or delicate items, use indirect heat. Turn off the burners directly beneath the food and use adjacent burners to maintain the desired temperature. The expandable top cooking grate provides additional space for indirect cooking.



Figure 9: Two whole chickens cooking on the main grates, with temperature probes inserted, demonstrating indirect cooking.



Figure 10: Grilled shrimp, mixed vegetables in a basket, and toasted bread on the upper warming rack, illustrating diverse cooking options.

6. MAINTENANCE

6.1 Cleaning the Cooking Grates

After each use, while the grates are still warm, use a grill brush to scrape off any food residue. For a deeper clean, remove the grates and wash them with warm, soapy water.

6.2 Grease Management System

The improved grease management system simplifies cleaning. Simply pull the grease tray out from the front of the grill and scrape away accumulated grease and debris. Replace the disposable catch pan as needed.



Figure 11: A hand demonstrating the removal and cleaning of the grease management system's pull-out tray.

6.3 Grill Cover

Protect your grill from the elements by using a weather-resistant grill cover when not in use. This helps prolong the life and appearance of your grill.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Burner fails to ignite	No gas flow, clogged burner, faulty igniter.	Check propane tank connection and fuel level. Clean burner ports. Check igniter electrode.
Uneven heating	Clogged burner ports, low fuel, wind.	Clean burner ports. Ensure adequate fuel. Position grill away from strong winds.
Low flame or no flame	Low fuel, regulator bypass, gas leak.	Check fuel level. Reset regulator by turning off all gas, disconnecting, waiting 1 minute, and reconnecting. Check for leaks.
Weber Connect display not working	No power, battery low (if using power bank).	Ensure plugged into outlet or power bank is charged and connected.

For further assistance, refer to the full troubleshooting guide in your printed manual or contact Weber Customer Service.

8. SPECIFICATIONS

Feature	Detail
Brand	Weber
Model Name	Genesis Smart SX-335 LP SS
Item Model Number	35600001

Feature	Detail
Product Dimensions	35.5"D x 31"W x 30.75"H
Item Weight	209 pounds
Color	Stainless Steel
Fuel Type	Liquid Propane (LP)
Main Burner Count	3
Heating Power	13000 British Thermal Units (BTU)
Cooking Surface Area	787 Square Inches
Special Feature	Grease Management System, Weber Connect Smart Technology, Sear Zone, Side Burner, Expandable Top Cooking Grate, Grill Locker
Material	Stainless Steel
Assembly Required	Yes

9. WARRANTY AND SUPPORT

The Weber Genesis Smart SX-335 LP SS Liquid Propane Grill comes with a **12-year limited warranty**. For detailed warranty information, please refer to the warranty card included with your product or visit the official Weber website.

For customer support, technical assistance, or to order replacement parts, please visit the [Weber Store on Amazon](#) or contact Weber directly through their official channels.