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Weber 7629

Weber Igniter Kit for Genesis 330 Gas Grills

Model: 7629

PRODUCT OVERVIEW

This genuine Weber replacement igniter kit is designed to restore reliable electronic ignition to your Genesis 330 series gas grill. The kit includes the necessary electronic ignition module, wires, and electrodes for a complete replacement.



Image: The Weber Igniter Kit components, including the module, wires, and electrodes, shown installed on a Weber Genesis 330 gas grill.

COMPATIBILITY

This igniter kit (Model 7629) is specifically designed for Weber Genesis 330 series gas grills with front-mounted control panels. It is crucial to verify your grill model to ensure proper fit and function.

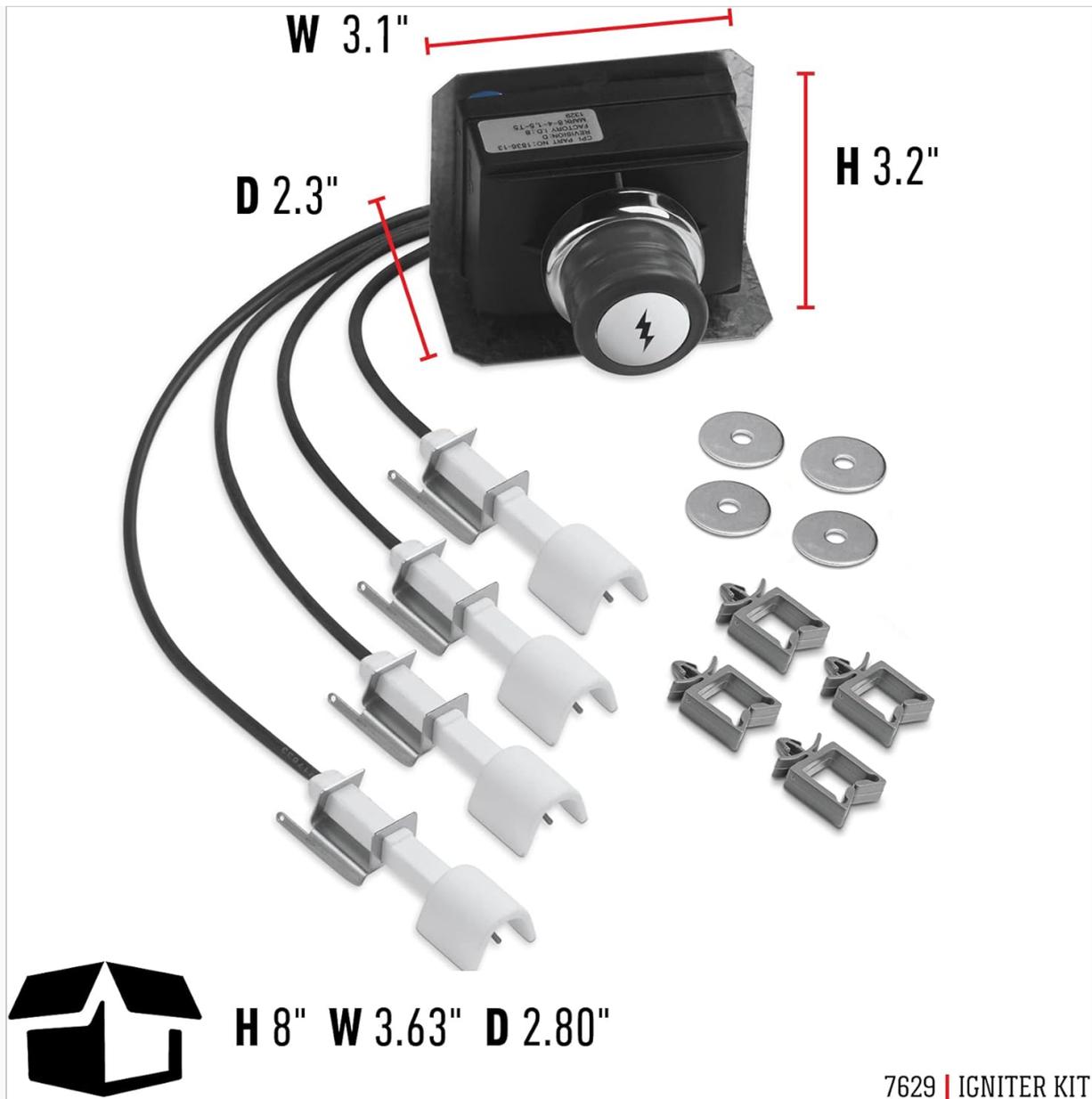


Image: A visual guide illustrating the compatible Genesis 330 series grill and examples of incompatible Genesis 300 series, Genesis II 300 series, and Genesis II 300 series grills.

WHAT'S INCLUDED

The Weber Igniter Kit Model 7629 includes the following components:

- Electronic Ignition Module
- Igniter Wires
- Electrodes (for multiple burners)
- Mounting hardware (washers, clips)

FITS



Genesis 330 series

DOES NOT FIT



Genesis 300 series



Genesis II 300 series



Genesis II 300 series

Image: All components of the Weber Igniter Kit laid out, showing the ignition module, multiple wires, electrodes, and small metal clips/washers.

SETUP AND INSTALLATION

Follow these steps to install your new Weber Igniter Kit:

- 1. Safety First:** Ensure your grill is completely cool and disconnected from its gas supply (propane tank valve closed or natural gas line shut off).
- 2. Access the Igniter:** Locate the existing igniter module, typically positioned behind the control panel. You may need to remove the control panel or a thin metal panel below it to gain access.
- 3. Remove Old Components:**
 - Unscrew the plastic nut that secures the old igniter button on the front of the control panel.
 - Carefully disconnect the wires from the old igniter module and electrodes. Note any color coding for reassembly.
 - Remove the old igniter module and electrodes from the grill.
- 4. Install New Components:**
 - Insert the new igniter module into its designated position, securing the button with the plastic nut on the control panel.

- Connect the new wires to the igniter module and the new electrodes. Ensure all connections are firm and secure.
 - Install the new electrodes into their designated positions near the burners.
5. **Insert Battery:** Open the battery compartment on the igniter module. Insert one AA battery, ensuring the negative (-) end faces outwards.



Image: A close-up view of the igniter module with its battery compartment open, illustrating the correct orientation for inserting a single AA battery.

6. **Reassemble:** Reattach any panels or components that were removed during the installation process.
7. **Test:** Reconnect the gas supply to your grill. Turn on a burner and press the igniter button to confirm proper operation.

OPERATING INSTRUCTIONS

To light your Weber Genesis 330 gas grill using the new igniter kit:

1. **Open Grill Lid:** Always open the grill lid before attempting to light the burners.
2. **Turn on Gas:** Ensure the valve on your propane tank is fully open or the natural gas line is active.
3. **Activate Burner:** Turn one burner control knob to the **HIGH** position.
4. **Press Igniter:** Press and hold the electronic igniter button. You should hear a rapid clicking sound, indicating a spark is being generated at the burner. The burner should light within a few seconds.
5. **Verify Ignition:** Visually confirm that the burner is lit by looking through the cooking grates. If the burner does not light, turn off the gas to that burner, wait five minutes for any gas to dissipate, and then repeat the lighting process.
6. **Light Additional Burners:** Once the first burner is lit, you can light additional burners by simply turning their respective control knobs to the **HIGH** position.

MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your igniter kit:

- **Battery Replacement:** The igniter module requires one AA battery for operation. If the igniter produces a weak spark, an inconsistent spark, or no spark at all, replace the battery. Always ensure the negative (-) end of the new battery faces outwards when inserted into the compartment.
- **Electrode Cleaning:** Periodically inspect the tips of the electrodes for any accumulation of grease,

food debris, or carbon buildup. Gently clean them with a soft brush or a piece of fine sandpaper if necessary. Ensure the ceramic insulation around the electrode is not cracked or damaged.

- **Wire Inspection:** Check the igniter wires for any signs of wear, fraying, or damage. Ensure they are securely connected to both the igniter module and the electrodes.

TROUBLESHOOTING

If you encounter issues with your igniter kit, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No spark or weak spark when pressing the igniter button.	Depleted or incorrectly installed AA battery. Loose wire connections. Dirty or damaged electrodes.	Replace the AA battery, ensuring correct polarity (negative end out). Check and secure all wire connections. Clean or replace electrodes if they are dirty or damaged.
Burner does not light, but igniter sparks.	No gas supply. Burner control knob not fully open. Obstruction in burner tube.	Check propane tank level or natural gas supply. Ensure gas valve is fully open. Turn burner control knob to HIGH. Inspect burner tubes for blockages. If igniter sparks but gas doesn't light, try lighting manually with a long match to confirm gas flow.
Only some burners light.	Faulty electrode or wire for unlit burner.	Inspect the electrode and wire for the specific unlit burner. Ensure connections are secure and components are clean and undamaged.

SPECIFICATIONS

- **Brand:** Weber
- **Model Name:** 7629
- **Product Dimensions:** 8"D x 1"W x 2.3"H (Igniter module)
- **Included Components:** Electronic ignition module, wires, electrodes
- **Material:** Plastic, Metal Plate
- **Item Weight:** Approximately 4.96 ounces
- **Fuel Type:** Gas
- **Installation Type:** Direct Replacement
- **Compatible Grill Burner Count:** Designed for 3-burner Genesis 330 series grills
- **Batteries:** 1 AA battery required (not included)

WARRANTY INFORMATION

Specific warranty details for the Weber Igniter Kit Model 7629 are not provided within this manual. For comprehensive warranty information, please refer to the official Weber website or contact Weber customer support directly.

CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please visit the official Weber website or contact their customer service department. Contact information such as phone numbers or email addresses is not included in this document.