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› Nexgrill 710-0008 Natural Gas Conversion Kit User Manual

## Nexgrill 710-0008

# Nexgrill 710-0008 Natural Gas Conversion Kit User Manual

Model: 710-0008

## INTRODUCTION

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This manual provides comprehensive instructions for the safe and proper installation and use of the Nexgrill 710-0008 Natural Gas Conversion Kit. This kit is specifically designed to convert a liquid propane (LP) grill to operate on natural gas (NG), utilizing the included natural gas regulator and hose. It is essential to read and understand all instructions before proceeding with installation or operation.

## IMPORTANT SAFETY INFORMATION

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Always prioritize safety when working with gas appliances. Failure to follow these instructions could result in fire, explosion, or serious injury.

- **Professional Installation Recommended:** For optimal safety and compliance with local codes, it is highly recommended that this conversion kit be installed by a qualified gas technician.
- **Outdoor Use Only:** This conversion kit and the converted grill are for outdoor use only. Do not install or operate indoors.
- **Gas Supply Shut-Off:** Always ensure the main gas supply to the grill is turned off before performing any installation, maintenance, or troubleshooting.
- **Leak Testing:** After installation, always perform a leak test using a soap and water solution. Never use an open flame to check for gas leaks.
- **Ventilation:** Ensure adequate ventilation during operation.
- **Original Orifices:** This kit requires the use of the natural gas orifices that originally came with your grill. Ensure these are correctly installed.
- **Keep Flammable Materials Away:** Maintain a safe distance between the grill and any flammable materials.

## PACKAGE CONTENTS

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Verify that all components are present and undamaged before beginning installation.

- 1 x Natural Gas Regulator
- 1 x Natural Gas Hose
- 1 x Quick-Connect Fitting



Image: The Nexgrill 710-0008 Natural Gas Conversion Kit, showing the coiled grey gas hose, the brass quick-connect fitting, and the gas regulator assembly.

## SETUP AND INSTALLATION

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Follow these steps carefully to convert your grill to natural gas operation.

### Pre-Installation Checklist:

- Ensure your grill model is compatible with natural gas conversion and that you have the original natural gas orifices for your grill. This kit does not include orifices.
- Turn off the gas supply to your grill and disconnect any existing LP tank or hose.
- Gather necessary tools (e.g., wrenches, pipe sealant).

### Installation Steps:

1. **Remove LP Components:** Carefully disconnect and remove the existing liquid propane (LP) regulator

and hose from your grill.

2. **Install Natural Gas Orifices:** Replace the LP orifices in your grill's burners with the natural gas orifices that came with your grill. Refer to your grill's original manual for specific instructions on orifice replacement.
3. **Connect Regulator to Grill:** Attach the new natural gas regulator to the grill's gas inlet. Ensure a secure, leak-free connection. Use pipe sealant on threaded connections if recommended by local codes or the grill manufacturer.
4. **Connect Hose to Regulator:** Connect the natural gas hose to the outlet of the natural gas regulator.
5. **Connect Hose to Gas Supply:** Connect the quick-connect fitting on the other end of the natural gas hose to your home's natural gas supply line. Ensure this connection is also secure.
6. **Perform Leak Test:** With all connections made, slowly turn on the natural gas supply. Apply a soap and water solution to all connections. Bubbles indicate a gas leak. If leaks are detected, turn off the gas supply immediately, tighten connections, and re-test. Do not operate the grill if leaks persist.

## OPERATING YOUR CONVERTED GRILL

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Once the conversion kit is properly installed and leak-tested, your grill is ready for natural gas operation. Follow your grill's original operating instructions for lighting and cooking, ensuring the natural gas supply is fully open during use.

## MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your natural gas conversion kit.

- **Inspect Hoses and Connections:** Periodically check the gas hose for cuts, abrasions, or excessive wear. Inspect all connections for signs of corrosion or looseness. Replace any damaged components immediately.
- **Clean Components:** Keep the regulator and hose free from dirt, debris, and grease. Use a damp cloth for cleaning.
- **Storage:** If storing the grill for an extended period, ensure the natural gas supply is turned off at the source.

## TROUBLESHOOTING

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Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
No gas flow to grill	Gas supply valve is closed Hose or regulator kinked Connections are loose	Open gas supply valve fully Straighten hose/regulator Check and tighten all connections; perform leak test
Gas leak detected (bubbling)	Loose connection Damaged hose or fitting	Turn off gas, tighten connections, re-test Replace damaged components immediately
Low flame or inconsistent heat	Incorrect orifices installed Partial obstruction in hose/regulator	Ensure natural gas orifices are correctly installed Inspect hose and regulator for blockages; replace if necessary

## SPECIFICATIONS

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Attribute	Value
Product Dimensions	10 x 2 x 8 inches
Item Weight	4.9 pounds
Model Number	710-0008
Manufacturer	Nexgrill Industries

## WARRANTY

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This Nexgrill 710-0008 Natural Gas Conversion Kit is subject to the manufacturer's standard warranty. Please refer to the warranty documentation included with your original purchase or visit the official Nexgrill website for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

## CUSTOMER SUPPORT

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For technical assistance, replacement parts, or further inquiries regarding your Nexgrill Natural Gas Conversion Kit, please contact Nexgrill Customer Support. You can often find contact information on the manufacturer's website or through the retailer where the product was purchased.

Visit the official Nexgrill Store for more information:[Nexgrill Store](#)