LG AAA75946005

LG AAA75946005 Range LP Conversion Kit

Model: AAA75946005

Introduction

This document provides essential instructions and information for the LG AAA75946005 Range LP Conversion Kit. This kit is a genuine Original Equipment Manufacturer (OEM) part designed to convert compatible LG natural gas ranges to operate on Liquid Propane (LP) gas.
It is crucial to verify the compatibility of this kit with your specific LG range model before proceeding with installation. Refer to your range's owner's manual or service manual for model-specific conversion procedures.



Image Description: A stop sign graphic with text emphasizing the importance of checking your model number for compatibility before purchasing or installing parts, as many parts may look similar but not fit.

Important Safety Information

WARNING: Installation, service, or maintenance of this LP conversion kit and any gas appliance must be performed by a qualified, licensed service technician, gas supplier, or professional installer. Failure to follow these instructions can result in fire, explosion, property damage, personal injury, or death.

- Ensure the gas supply to the range is turned off before beginning any work.
- Always check for gas leaks after installation using a non-corrosive leak detection fluid. Never use an open flame to check for leaks.
- Ensure adequate ventilation during and after the conversion process.
- Keep flammable materials away from the appliance.
- Retain these instructions for future reference.

Setup and Installation

The LG AAA75946005 LP Conversion Kit facilitates the conversion of a natural gas range to operate with Liquid Propane. This process typically involves replacing natural gas orifices with LP orifices and adjusting the pressure regulator. **This procedure requires specialized knowledge and tools and must be performed by a qualified service technician.**



Image Description: A close-up view of the LG AAA75946005 Range LP Conversion Kit components, typically including various orifices and possibly a pressure regulator component, designed for converting a gas range from natural gas to liquid propane.

General Steps (For Qualified Technicians Only):

1. **Disconnect Power and Gas:** Ensure the range is disconnected from electrical power and the main gas supply valve is closed.
2. **Access Burners:** Remove grates, burner caps, and burner heads to access the natural gas orifices.
3. **Replace Orifices:** Carefully remove the natural gas orifices and replace them with the corresponding LP orifices from this kit. Ensure each orifice is correctly matched to its burner.
4. **Adjust Pressure Regulator:** Locate the range's gas pressure regulator. Follow the range's specific instructions to convert it from natural gas to LP gas operation. This usually involves flipping a cap or adjusting a screw.
5. **Reassemble:** Reassemble the burner components, ensuring all parts are correctly seated.
6. **Reconnect Gas and Power:** Slowly open the main gas supply valve and reconnect electrical power.
7. **Leak Test:** Perform a thorough leak test on all gas connections using a non-corrosive leak detection solution.
8. **Adjust Burner Flames:** Light each burner and adjust the flame settings as necessary to achieve a stable, blue flame with minimal yellow tipping.

Refer to your specific LG range model's service manual for detailed, step-by-step instructions and diagrams for the LP conversion process.

Post-Installation Checks (Operating)

After the LP conversion kit has been installed by a qualified technician, perform the following checks to ensure proper operation:

- **Flame Appearance:** Observe the burner flames. They should be stable, blue, and have a sharp inner cone. A yellow or orange flame indicates improper combustion and requires further adjustment by a technician.
- **Ignition:** Verify that all burners ignite promptly and reliably.
- **Oven/Broiler Operation:** If applicable, test the oven and broiler functions to ensure they ignite and heat correctly on LP gas.
- **No Gas Odor:** Confirm there is no lingering odor of gas. If a gas odor is detected, immediately shut off the gas supply and contact a qualified technician.

Maintenance

The LG AAA75946005 LP Conversion Kit itself is a passive component and does not require routine maintenance. Once correctly installed, its function is to provide the appropriate orifices and regulator settings for LP gas operation.
For general maintenance of your LG range, including cleaning and care, please refer to the owner's manual provided with your appliance.

Troubleshooting

If you experience any issues with your range after the LP conversion, such as improper flame, ignition problems, or gas odors, it is imperative to contact a qualified service technician immediately. Do not attempt to diagnose or repair gas-related issues yourself.
Common issues after conversion, if not performed correctly, can include:

- Yellow or unstable flames (incorrect orifice size or regulator adjustment).
- Burners not igniting (improper orifice installation or gas supply issue).
- Gas odor (leak in connections).

If you smell gas, immediately evacuate the area, turn off the main gas supply, and contact your gas provider or emergency services.

Specifications

Part Number:	AAA75946005
Brand:	LG
Material:	Metal
Item Dimensions (L x W x H):	5 x 3 x 1 inches
Item Weight:	2.32 ounces
Color:	Gray
UPC:	888511200825

Support

For further assistance, technical support, or to locate a qualified service technician, please contact LG Customer Service or visit the official LG website.
LG Official Website: Visit the LG Store on Amazon (This link can lead to general LG support or product information.)
When contacting support, please have your range's model and serial number, as well as the LP Conversion Kit part number (AAA75946005), readily available.

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

Anonymous

Email

you@example.com

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.

Submit question