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> Amesias WPW10591270 LP Gas Conversion Orifice Instruction Manual for Whirlpool and KitchenAid Appliances

Amesias WPW10591270

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Model: WPW10591270

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, use, and maintenance of the Amesias WPW10591270 LP Gas Conversion Orifice. This part is designed for converting specific Whirlpool and KitchenAid gas appliances from natural gas to liquid propane (LP) gas. Please read this manual thoroughly before proceeding with any installation or service.

Important Safety Notice: Installation and service of gas appliances and their components should only be performed by a qualified, licensed professional. Improper installation, adjustment, alteration, service, or maintenance can cause property damage, personal injury, or death. Always refer to the appliance's main instruction manual for specific conversion procedures and safety guidelines.

2. PRODUCT OVERVIEW

The WPW10591270 is a replacement LP gas conversion orifice. It is a critical component for ensuring the correct gas flow when converting a gas appliance to operate with liquid propane. This part replaces W10328517, W10591270, 2979588, and PS11756611.



Figure 1: Amesias WPW10591270 LP Gas Conversion Orifices. This image displays a set of brass orifices, typically used for converting gas appliances to LP gas.

3. COMPATIBILITY

This part is NOT UNIVERSAL. It is crucial to verify compatibility with your specific appliance model before purchase and installation. Using an incompatible part can lead to unsafe operation, appliance damage, or gas leaks.



Figure 2: Compatibility Warning. This image shows a stop sign with text emphasizing the importance of checking model numbers for part compatibility.

The WPW10591270 LP Gas Conversion Orifice is compatible with the following Whirlpool and KitchenAid models. This list is not exhaustive; always consult your appliance's service manual or manufacturer's specifications.

- MGT8655XB01-MAC, MGT8655XB02-MAC, MGT8655XB03-MAC, MGT8655XS01-MAC, MGT8655XS02-MAC, MGT8655XS03-MAC, MGT8655XW01-MAC, MGT8655XW02-MAC, MGT8655XW03-MAC
- MGT8720DE00-MAC, MGT8720DE02-MAC, MGT8720DE03-MAC, MGT8720DE05-MAC, MGT8720DE06-MAC, MGT8720DH00-MAC, MGT8720DH02-MAC, MGT8720DH03-MAC, MGT8720DH05-MAC, MGT8720DH06-MAC, MGT8720DS00-MAC, MGT8720DS02-MAC, MGT8720DS03-MAC, MGT8720DS05-MAC, MGT8720DS06-MAC
- MGT8775XB01-MAC, MGT8775XB02-MAC, MGT8775XB03-MAC, MGT8775XB04-MAC, MGT8775XS01-MAC, MGT8775XS02-MAC
- GGG388LXB05-WPL, GGG388LXQ02-WPL, GGG388LXQ03-WPL, GGG388LXQ04-WPL, GGG388LXQ05-WPL, GGG388LXS02-WPL, GGG388LXS03-WPL, GGG388LXS04-WPL, GGG388LXS05-WPL
- GGG390LXB02-WPL, GGG390LXB03-WPL, GGG390LXB04-WPL, GGG390LXB05-WPL, GGG390LXQ02-WPL, GGG390LXQ03-WPL, GGG390LXQ04-WPL, GGG390LXQ05-WPL, GGG390LXS02-WPL, GGG390LXS03-WPL, GGG390LXS04-WPL, GGG390LXS05-WPL
- IGS900DS01-WPL, IGS900DS02-WPL, IGS900DS04-WPL, IGS900DS05-WPL
- KDRS505XSS03-WPL, KDRS505XSS04-WPL
- KFDD500ESS01-WPL, KFDD500ESS02-WPL, KFDD500ESS05-WPL, KFDD500ESS10-WPL
- KFGD500EBL00-WPL, KFGD500EBL01-WPL, KFGD500EBL02-WPL, KFGD500EBL03-WPL, KFGD500EBL04-WPL, KFGD500EBS00-WPL, KFGD500EBS05-WPL, KFGD500EBS10-WPL, KFGD500ESS00-WPL, KFGD500ESS01-WPL, KFGD500ESS02-WPL, KFGD500ESS03-WPL, KFGD500ESS04-WPL, KFGD500ESS06-WPL, KFGD500ESS10-WPL, KFGD500EWH00-WPL, KFGD500EWH01-WPL, KFGD500EWH02-WPL, KFGD500EWH03-WPL, KFGD500EWH04-WPL, KFGD500EWH06-WPL, KFGD500EWH10-WPL
- KGRS505XBL00-WPL, KGRS505XBL02-WPL, KGRS505XBL03-WPL, KGRS505XBL04-WPL, KGRS505XBL05-WPL, KGRS505XSS00-WPL, KGRS505XSS02-WPL, KGRS505XSS03-WPL, KGRS505XSS04-WPL, KGRS505XSS05-WPL, KGRS505XWH00-WPL, KGRS505XWH02-WPL, KGRS505XWH03-WPL, KGRS505XWH04-WPL, KGRS505XWH05-WPL
- MGT8800FZ05-WPL, MGT8800FZ10-WPL
- WGG555S0BB00-WPL, WGG555S0BB01-WPL, WGG555S0BB04-WPL, WGG555S0BB06-WPL, WGG555S0BB07-WPL, WGG555S0BS00-WPL, WGG555S0BS01-WPL, WGG555S0BS04-WPL, WGG555S0BS06-WPL, WGG555S0BS07-WPL, WGG555S0BW00-WPL, WGG555S0BW01-WPL, WGG555S0BW04-WPL, WGG555S0BW06-WPL, WGG555S0BW07-WPL
- WGG745S0FE00-WPL, WGG745S0FE01-WPL, WGG745S0FE02-WPL, WGG745S0FE05-WPL, WGG745S0FE10-WPL,

WGG745S0FH00-WPL, WGG745S0FH01-WPL, WGG745S0FH02-WPL, WGG745S0FH05-WPL, WGG745S0FH10-WPL, WGG745S0FS00-WPL, WGG745S0FS01-WPL, WGG745S0FS02-WPL, WGG745S0FS05-WPL, WGG745S0FS10-WPL

- WGG755S0BE00-WPL, WGG755S0BE01-WPL, WGG755S0BE03-WPL, WGG755S0BE04-WPL, WGG755S0BE06-WPL, WGG755S0BE07-WPL, WGG755S0BH00-WPL, WGG755S0BH01-WPL, WGG755S0BH03-WPL, WGG755S0BH04-WPL, WGG755S0BH06-WPL, WGG755S0BH07-WPL, WGG755S0BS00-WPL, WGG755S0BS01-WPL, WGG755S0BS03-WPL, WGG755S0BS04-WPL, WGG755S0BS06-WPL, WGG755S0BS07-WPL

4. SETUP AND INSTALLATION

The installation of an LP gas conversion orifice involves working with gas lines and components. This procedure must be performed by a qualified and licensed gas technician or appliance service professional. Attempting to install this part without proper training and tools can result in serious injury, property damage, or death due to gas leaks or improper combustion.

General Steps (for Qualified Professionals Only):

1. **Safety First:** Ensure the gas supply to the appliance is turned off and the appliance is disconnected from electrical power.
2. **Access Orifices:** Carefully disassemble the necessary parts of the appliance (e.g., cooktop grates, burner caps, burner heads) to gain access to the existing natural gas orifices.
3. **Remove Old Orifices:** Using appropriate tools, carefully remove the natural gas orifices. Note their positions for correct replacement.
4. **Install LP Orifices:** Install the new WPW10591270 LP gas conversion orifices into their corresponding positions. Ensure they are securely tightened to prevent gas leaks.
5. **Adjust Air Shutters:** Adjust the primary air shutters on the burners according to the appliance manufacturer's instructions for LP gas operation. This ensures proper flame characteristics.
6. **Convert Pressure Regulator:** Convert the appliance's gas pressure regulator for LP gas operation as per the manufacturer's instructions. This typically involves flipping a cap or adjusting a screw on the regulator.
7. **Leak Test:** After reassembly, turn on the gas supply and perform a thorough leak test using a non-corrosive leak detection solution on all connections.
8. **Test Operation:** Restore electrical power and test the appliance's operation, checking for proper ignition, flame appearance, and heat output on all burners and the oven (if applicable).

Refer to your specific appliance's service manual for detailed, model-specific instructions and diagrams.

5. OPERATING CONSIDERATIONS

Once correctly installed and the appliance is converted to LP gas, the WPW10591270 orifice functions automatically to regulate gas flow. There are no user-operable controls on the orifice itself. Proper operation is indicated by stable, blue flames on the burners and correct heating performance from the appliance.

- **Flame Appearance:** LP gas flames should be predominantly blue with a small, stable inner cone. Yellow or orange flames, or flames that lift off the burner, indicate improper combustion and require immediate professional attention.
- **Odor:** If you detect a gas odor, immediately turn off the gas supply, ventilate the area, and contact a qualified professional. Do not operate any electrical switches or appliances.

6. MAINTENANCE

The WPW10591270 LP Gas Conversion Orifice is a durable component designed for long-term use. It generally requires no routine maintenance. However, periodic inspection by a qualified technician during routine appliance servicing is recommended to ensure continued safe and efficient operation.

- **Cleaning:** Do not attempt to clean the orifice holes with sharp objects, as this can alter the orifice size and lead to improper gas flow. If clogging is suspected, professional service is required.
- **Damage Inspection:** During appliance maintenance, a technician should inspect the orifices for any signs of corrosion, damage, or blockage.

7. TROUBLESHOOTING

Troubleshooting issues related to gas orifices should only be performed by a qualified service professional. The following are common symptoms that may indicate an issue with the gas conversion or orifices:

- **Yellow or Orange Flames:** Indicates incomplete combustion, possibly due to incorrect air shutter adjustment or an improperly sized/clogged orifice.
- **Weak or Low Flames:** May suggest insufficient gas pressure, a partially clogged orifice, or an issue with the gas supply.
- **Flames Lifting Off Burner:** Can indicate excessive gas pressure or an incorrect orifice size.
- **Gas Odor:** A strong indicator of a gas leak. Immediately shut off the gas supply and contact a professional.
- **No Ignition:** Could be due to no gas flow, a completely clogged orifice, or issues with the igniter system.

If any of these symptoms occur, discontinue use of the appliance and contact a qualified service technician immediately.

8. SPECIFICATIONS

Part Number	WPW10591270 (Replaces W10328517, W10591270, 2979588, PS11756611)
Manufacturer	Amesias
Included Components	Orifice (specific quantity may vary by kit)
Application	LP Gas Conversion for specific Whirlpool and KitchenAid appliances

9. WARRANTY INFORMATION

This product comes with a **1-Year Warranty** from the manufacturer, Amesias. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, misuse, abuse, or unauthorized repairs. For warranty claims, please retain your proof of purchase and contact the seller or manufacturer directly.

10. SUPPORT AND CONTACT

For technical assistance, compatibility questions, or warranty inquiries, please contact the seller or manufacturer. Always provide your product model number (WPW10591270) and the model number of your appliance when seeking support. For professional installation or service, consult a local licensed gas appliance technician.

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