

Kisangel 1PO593209Z078F2AY9RQ6O

Kisangel Gas Igniter Pin Replacement Instruction Manual

Model: 1PO593209Z078F2AY9RQ6O

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Kisangel Gas Igniter Pin Replacement. This component is designed to restore ignition functionality to various gas appliances, including ovens, stoves, heaters, and grills. Please read this manual thoroughly before attempting any installation or repair to ensure safe and correct usage.

Safety Warning: Always disconnect power and gas supply to the appliance before attempting any repair or installation. If you are unsure about any step, consult a qualified technician. Improper installation can lead to gas leaks, fire, or electric shock.

PRODUCT OVERVIEW

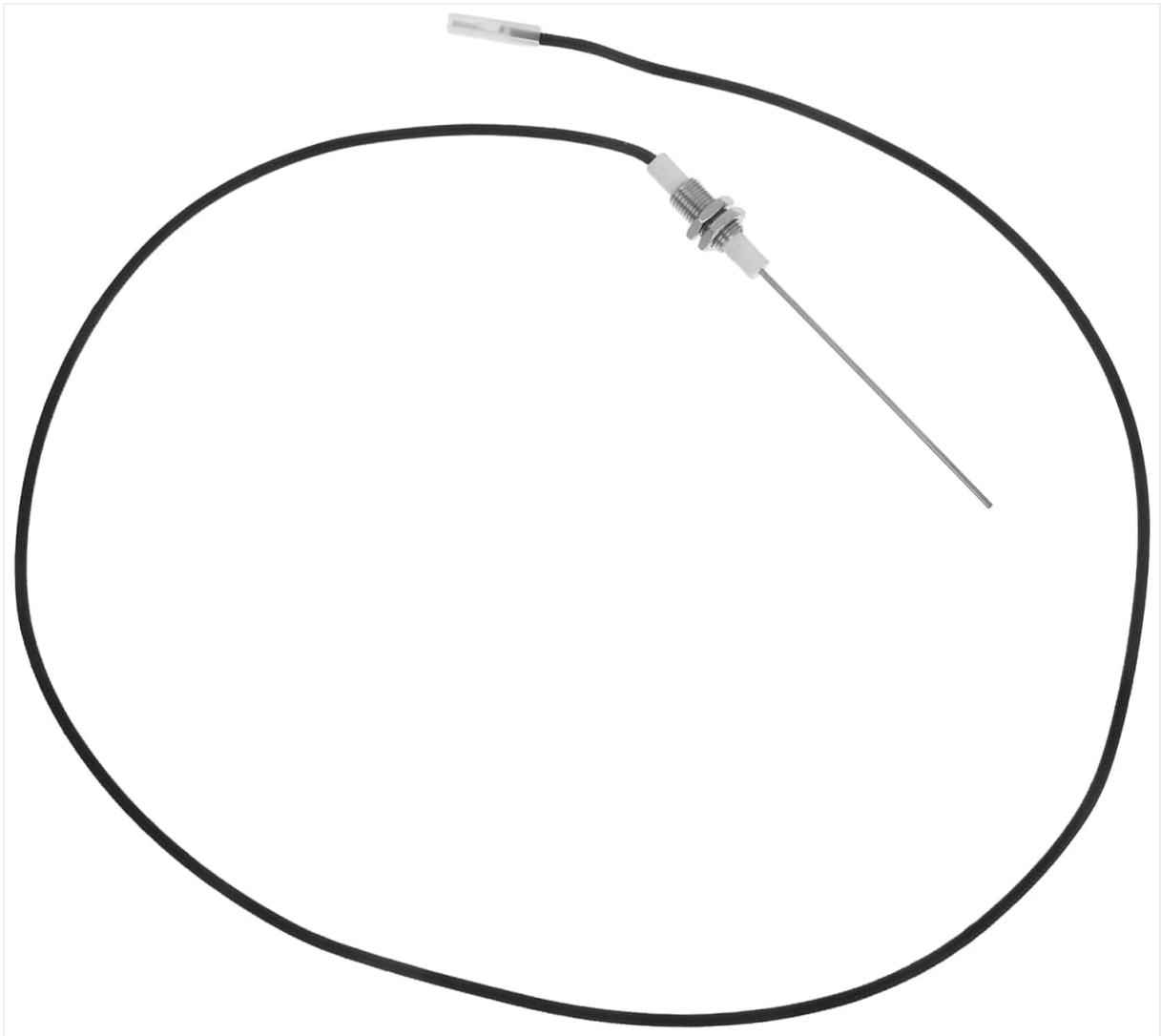
The Kisangel Gas Igniter Pin is a replacement part engineered for reliable spark generation in gas appliances.

Key Features

- **Precision Spark Generation:** Features an 85 mm needle length for accurate and consistent ignition.
- **User-Friendly Replacement:** Designed for straightforward installation, facilitating quick restoration of appliance functionality.
- **Secure Threaded Head:** Equipped with an M10*1 threaded head to ensure a stable and secure fit in various applications.
- **Universal Compatibility:** Suitable for a wide range of gas appliances, including grills, ovens, and heaters.
- **Durable Construction:** The 40 mm ceramic length provides excellent durability and resistance to high temperatures, ensuring reliable performance.
- **Materials:** Constructed from ceramic, copper, and ABS for longevity and performance.

Package Contents

- 1 x Electrode Ignition Spark Plug (Kisangel Gas Igniter Pin)



A complete view of the Kisangel gas igniter pin replacement kit, featuring the ceramic-insulated igniter needle, threaded base, and connecting wire.

SETUP AND INSTALLATION

Replacing a gas igniter requires careful attention to safety and proper procedure. Always refer to your appliance's specific service manual for detailed instructions, as procedures may vary.

General Installation Steps:

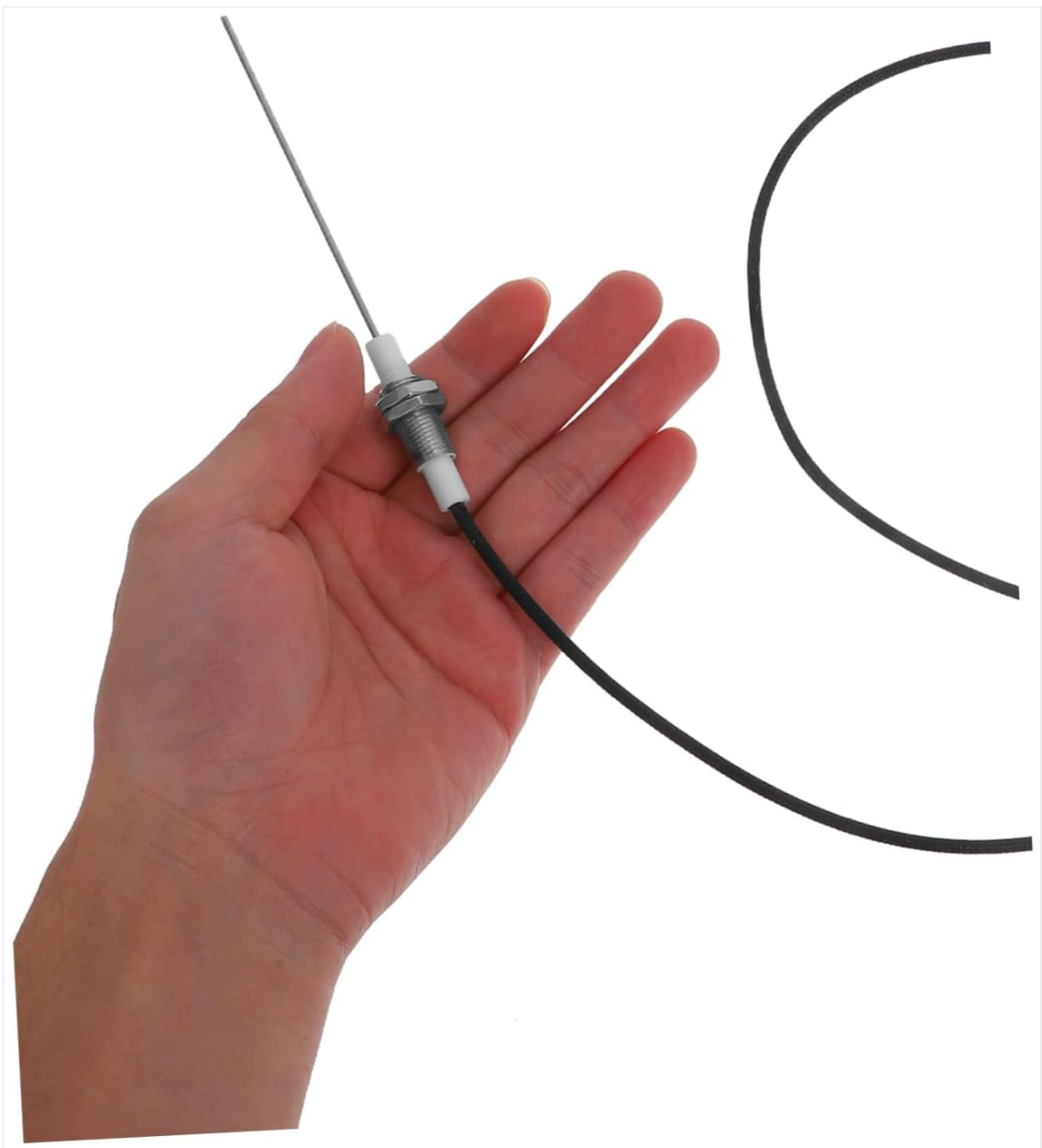
1. **Disconnect Power and Gas:** Before beginning, ensure the appliance is completely disconnected from its power source and the gas supply is shut off.
2. **Access the Igniter:** Carefully open or disassemble the appliance components to gain access to the existing igniter. This may involve removing grates, burner caps, or access panels.
3. **Identify and Disconnect Old Igniter:** Locate the igniter and its wiring. Note how it is connected. Disconnect the electrical wiring and carefully unthread or unmount the old igniter.
4. **Install New Igniter:** Insert the new Kisangel igniter into the designated opening. Ensure the M10*1 threaded head is securely fastened. Do not overtighten.
5. **Connect Wiring:** Reconnect the electrical wiring to the new igniter, ensuring a secure connection.
6. **Reassemble Appliance:** Carefully reassemble any removed components of the appliance.
7. **Restore Gas and Power:** Slowly turn the gas supply back on and then restore power to the

appliance.

8. **Test Functionality:** Test the appliance's ignition to ensure the new igniter is functioning correctly and there are no gas leaks. If a gas odor is detected, immediately shut off the gas supply and ventilate the area.



A detailed view of the igniter's threaded base (M10*1) and ceramic insulation, designed for secure and stable installation.



The Kisangel igniter held in a hand, illustrating its compact size and ease of handling during installation.

OPERATING INSTRUCTIONS

Once correctly installed, the Kisangel Gas Igniter Pin operates automatically as part of your appliance's ignition system. When the appliance is turned on and gas flow is initiated, the igniter receives an electrical signal, generating a spark that ignites the gas. This process is typically instantaneous.



The igniter shown in the context of a wood-burning stove, demonstrating its application in heating appliances. This image highlights the simplicity of its operation.

MAINTENANCE

The Kisangel Gas Igniter Pin is designed for durability and minimal maintenance. However, periodic inspection can help ensure its longevity and reliable performance.

- **Visual Inspection:** Periodically inspect the igniter for any signs of physical damage, cracks in the ceramic, or excessive carbon buildup.
- **Cleaning:** If carbon buildup is observed, gently clean the igniter needle with a soft brush or cloth. Avoid using abrasive materials or harsh chemicals. Ensure the appliance is off and cooled before cleaning.
- **Connection Check:** Ensure the electrical connections remain secure and free from corrosion.

TROUBLESHOOTING

If your appliance fails to ignite after replacing the igniter, consider the following common issues:

Problem	Possible Cause	Solution
No Spark	Loose wiring connection No gas supply Faulty control module	Check and secure all electrical connections. Verify gas supply to the appliance. Consult a qualified technician for control module diagnosis.
Weak or Intermittent Spark	Carbon buildup on igniter Incorrect igniter positioning Low voltage	Clean the igniter needle. Ensure the igniter is correctly positioned relative to the burner. Check appliance's power supply; consult technician if voltage issues persist.
Gas Smell Without Ignition	Igniter not sparking Gas valve issue	Immediately shut off gas supply and ventilate. Recheck igniter installation and wiring. If problem persists, contact a qualified technician.

SPECIFICATIONS

Attribute	Detail
Model Number	1PO593209Z078F2AY9RQ6O
Color	White
Material	Acrylonitrile Butadiene Styrene (ABS), Ceramic, Copper
Item Weight	0.96 ounces
Product Dimensions (L x W x H)	35.43" x 3.35" x 1.57"
Needle Length	85 mm
Ceramic Length	40 mm
Thread Size	M10*1
Included Components	Electrode Ignition Spark Plug

WARRANTY AND SUPPORT

Specific warranty details for this Kisangel product are not provided in the product information. For any warranty inquiries, please refer to the retailer's return policy or contact Kisangel directly.

For further assistance, technical support, or to explore other Kisangel products, please visit the official Kisangel store:

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