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SPORTARC P6, P9, P12 Compatible Igniter Kit

SPORTARC Nemaxx Pellet Stove Igniter Kit User Manual

Compatible with Nemaxx P6, P9, P12 Models

1. INTRODUCTION

This user manual provides essential information for the safe and effective installation, operation, and maintenance of your SPORTARC Nemaxx Pellet Stove Igniter Kit. This kit is specifically designed as a replacement part for Nemaxx P6, P9, and P12 pellet stove models. Please read this manual thoroughly before proceeding with installation or use to ensure proper function and safety.

2. SAFETY INFORMATION

WARNING: Improper installation or use can lead to electric shock, fire, or personal injury. Always follow these safety guidelines:

- **Disconnect Power:** Always ensure the pellet stove is completely disconnected from the main power supply before attempting any installation, maintenance, or inspection.
- **Qualified Personnel:** Installation and replacement should ideally be performed by a qualified technician. If you are not confident in your ability to safely perform the installation, seek professional assistance.
- **Heat Hazard:** The igniter operates at high temperatures. Allow the stove and igniter to cool completely before handling.
- **Electrical Connections:** Ensure all electrical connections are secure and properly insulated to prevent short circuits or electrical hazards.
- **Use as Intended:** This igniter is designed exclusively for Nemaxx P6, P9, and P12 pellet stoves. Do not use it for any other purpose or with incompatible appliances.

3. PRODUCT OVERVIEW

The SPORTARC Nemaxx Pellet Stove Igniter Kit provides reliable and efficient ignition for your pellet stove. It is engineered to deliver the necessary heat to ignite pellets, ensuring optimal combustion and consistent heat output.

Key Features:

- **Compatibility:** Specifically designed for Nemaxx P6, P9, and P12 pellet stove models.
- **Reliable Ignition:** Rated at 300W for consistent and effective pellet ignition.

- **Durable Construction:** Made from heat-resistant stainless steel for long-term durability and reliable operation.
- **Standard Dimensions:** Features a standard diameter of 9.5mm, a total length of 150mm, and a cable length of approximately 190mm for flexible installation.
- **Voltage:** Operates safely and reliably at 230V.



Image 3.1: Detailed view of the igniter, highlighting its main components.

This image illustrates the igniter's robust stainless steel heating element, the insulated cable, and the electrical connectors, designed for secure attachment within the pellet stove system.

4. SETUP AND INSTALLATION

The installation process for the igniter is designed to be straightforward, but adherence to safety protocols is paramount.

Installation Steps:

1. **Power Disconnection:** Before beginning, ensure the pellet stove is completely unplugged from the electrical outlet and has cooled down.
2. **Access Igniter:** Refer to your specific Nemaxx P6, P9, or P12 pellet stove manual to locate and access the existing igniter element. This may involve removing access panels or components.
3. **Remove Old Igniter:** Carefully disconnect the electrical wires from the old igniter. Then, unmount and remove the old igniter from its housing. Note its orientation and connection points for reference.

4. **Install New Igniter:** Insert the new SPORTARC igniter into the designated slot, ensuring it is securely seated. The igniter has a standard diameter of 9.5mm and a total length of 150mm, designed for a precise fit.
5. **Connect Wiring:** Connect the igniter's electrical wires (approximately 190mm in length) to the stove's wiring system. Ensure connections are tight and properly insulated.
6. **Secure Components:** Reinstall any access panels or components that were removed to access the igniter.
7. **Test Functionality:** Plug the pellet stove back into the power supply. Follow your stove's operating instructions to initiate an ignition cycle and verify the new igniter is functioning correctly.

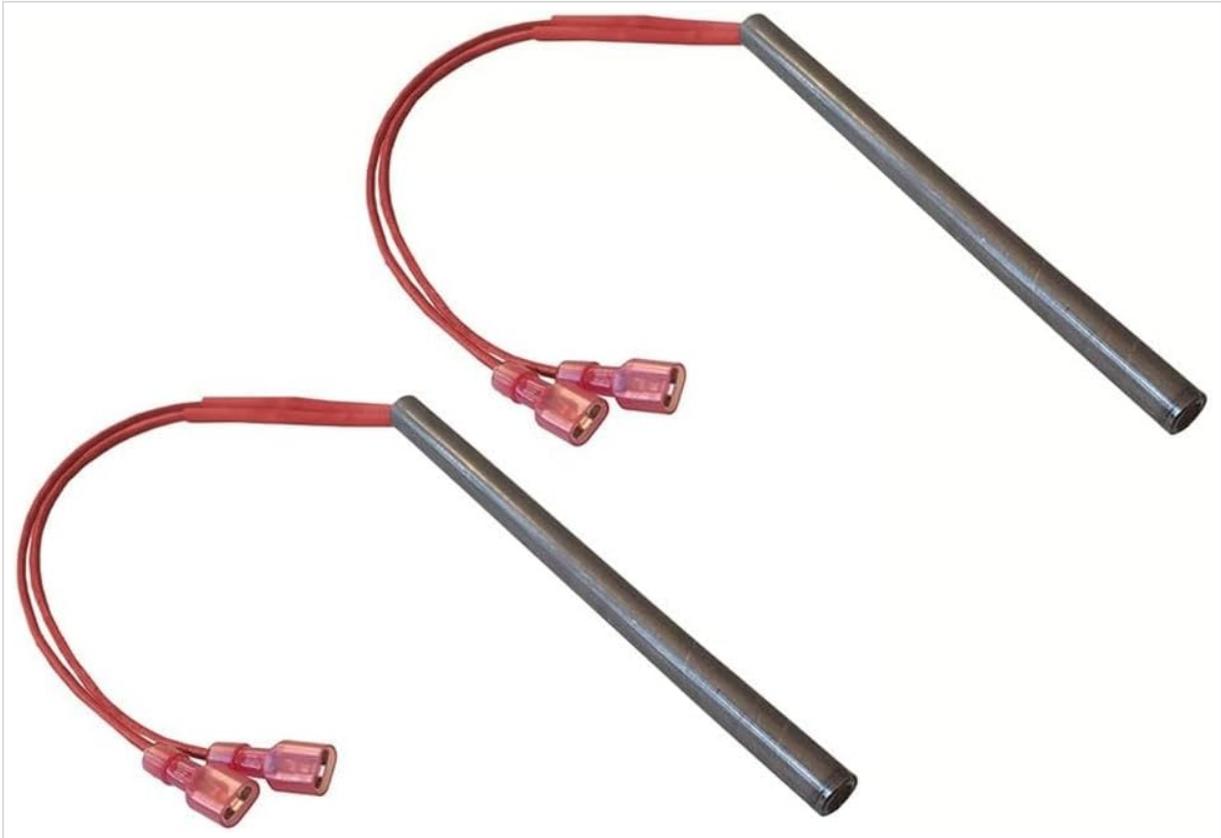


Image 4.1: Two igniters, ready for installation.

This image displays two igniter units, illustrating their compact design and the electrical connections that need to be properly secured during installation.

5. OPERATING INSTRUCTIONS

The igniter operates automatically as part of your pellet stove's ignition sequence. Once installed, no direct user interaction with the igniter itself is required during normal operation.

- When the pellet stove is turned on and an ignition cycle is initiated, the igniter will heat up rapidly.
- The heated igniter will come into contact with the pellets, raising their temperature to the point of combustion.
- Once the pellets are ignited and a stable flame is established, the igniter will typically turn off, and the stove will continue its normal heating operation.

Refer to your Nemaxx P6, P9, or P12 pellet stove's specific operating manual for detailed instructions on starting and running your stove.



Image 5.1: Igniter in a contextual setting, demonstrating its purpose.

This image provides a visual context for the igniter's role in initiating the combustion process within a pellet stove, leading to a warm and comfortable environment.

6. MAINTENANCE

Regular maintenance of your pellet stove, including its igniter, can prolong its lifespan and ensure efficient operation.

- **Inspection:** Periodically inspect the igniter element for any signs of wear, damage, or excessive ash buildup. Ensure the electrical connections remain secure.
- **Cleaning:** With the stove completely cool and disconnected from power, gently remove any ash or debris that may have accumulated around the igniter using a soft brush or vacuum. Avoid using abrasive materials or liquids.
- **Replacement:** If the igniter shows signs of damage or fails to ignite pellets consistently, it may need to be replaced. Refer to the 'Setup and Installation' section for replacement procedures.

7. TROUBLESHOOTING

If your pellet stove is experiencing ignition issues, consider the following troubleshooting steps:

- **No Ignition:**

- Check if the stove is receiving power.
- Verify that the igniter's electrical connections are secure.
- Inspect the igniter element for visible damage or breakage.
- Ensure there is a sufficient supply of pellets in the hopper.

- **Slow Ignition:**

- Clean any ash or debris from around the igniter element.
- Check the quality of the pellets; moisture or poor quality can affect ignition.

If troubleshooting steps do not resolve the issue, consult your Nemaxx pellet stove's manual or contact a qualified service technician.

8. SPECIFICATIONS

| Attribute | Detail |
|--------------------------------|----------------------------------|
| Brand | SPORTARC |
| Model Compatibility | Nemaxx P6, P9, P12 Pellet Stoves |
| Part Number | 0EW49W3PNP7XSR8BZTBZH2452L |
| Rated Power | 300 W |
| Operating Voltage | 230 V |
| Material | Stainless Steel |
| Diameter | 9.5 mm |
| Total Length | 150 mm |
| Cable Length | Approx. 190 mm |
| Product Dimensions (L x W x H) | 10 x 6 x 3 cm |
| Item Weight | 132 g |

9. WARRANTY AND SUPPORT

Information regarding specific warranty terms or direct customer support for this SPORTARC product is not available in the provided documentation. Please refer to your point of purchase or the manufacturer's official website for further details on warranty coverage and support options.