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› FAUOSWUK RS550 Carbon Motor Brush Replacement Manual

## FAUOSWUK FAUOSWUKgnu2z6p4wd

# FAUOSWUK RS550 Carbon Motor Brush Replacement Manual

Model: FAUOSWUKgnu2z6p4wd

## INTRODUCTION

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This manual provides essential information for the installation, operation, and maintenance of your FAUOSWUK RS550 Carbon Motor Brush replacement parts. These carbon brushes are designed for use with RS550 motors found in various electric tools such as drills and electric screwdrivers. Please read these instructions carefully before proceeding with installation to ensure proper function and safety.

## SAFETY INFORMATION

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Always observe the following safety precautions when handling or installing electrical components:

- **Disconnect Power:** Before attempting any installation or maintenance, ensure the power tool is completely disconnected from its power source (unplugged or battery removed).
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as safety glasses and gloves, to prevent injury.
- **Handle with Care:** Carbon brushes are delicate. Avoid dropping or applying excessive force during handling.
- **Professional Installation:** If you are unsure about any step, consult a qualified technician.
- **Proper Disposal:** Dispose of old carbon brushes and packaging materials according to local regulations.

## PRODUCT OVERVIEW

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The FAUOSWUK RS550 Carbon Motor Brush is a replacement component designed to restore the performance of RS550 motors. It is constructed from durable ABS and aluminum alloy, ensuring reliable operation and longevity. The compact and lightweight design facilitates easy installation.

### Package Contents:

- 2 x RS550 Carbon Motor Brush with Holder

Can be used for RS550 motor to ensure stable working performance.



Image: Two RS550 carbon motor brush assemblies and one RS550 motor, illustrating the product and its application.

## INSTALLATION

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The RS550 Carbon Motor Brush is designed for straightforward replacement. Follow these steps carefully:

1. **Prepare the Tool:** Ensure the power tool (e.g., drill, electric screwdriver) is turned off and completely disconnected from its power source.
2. **Locate Old Brushes:** Identify the housing for the carbon brushes on your RS550 motor. This typically involves opening a section of the tool's casing.
3. **Remove Old Brushes:** Carefully remove the worn-out carbon brushes and their holders. Note their orientation for correct installation of the new brushes.
4. **Insert New Brushes:** Place the new FAUOSWUK RS550 Carbon Motor Brushes into their respective slots. Ensure the carbon block makes proper contact with the motor's commutator. The red dot on the brush holder indicates the positive pole.
5. **Secure Brushes:** Ensure the brush holders are securely seated and the brushes can move freely within their channels to maintain contact.
6. **Reassemble Tool:** Carefully reassemble the power tool's casing, ensuring all screws and fasteners are tightened appropriately.

7. **Test Functionality:** Reconnect the tool to its power source and perform a brief test to ensure the motor operates smoothly and correctly.

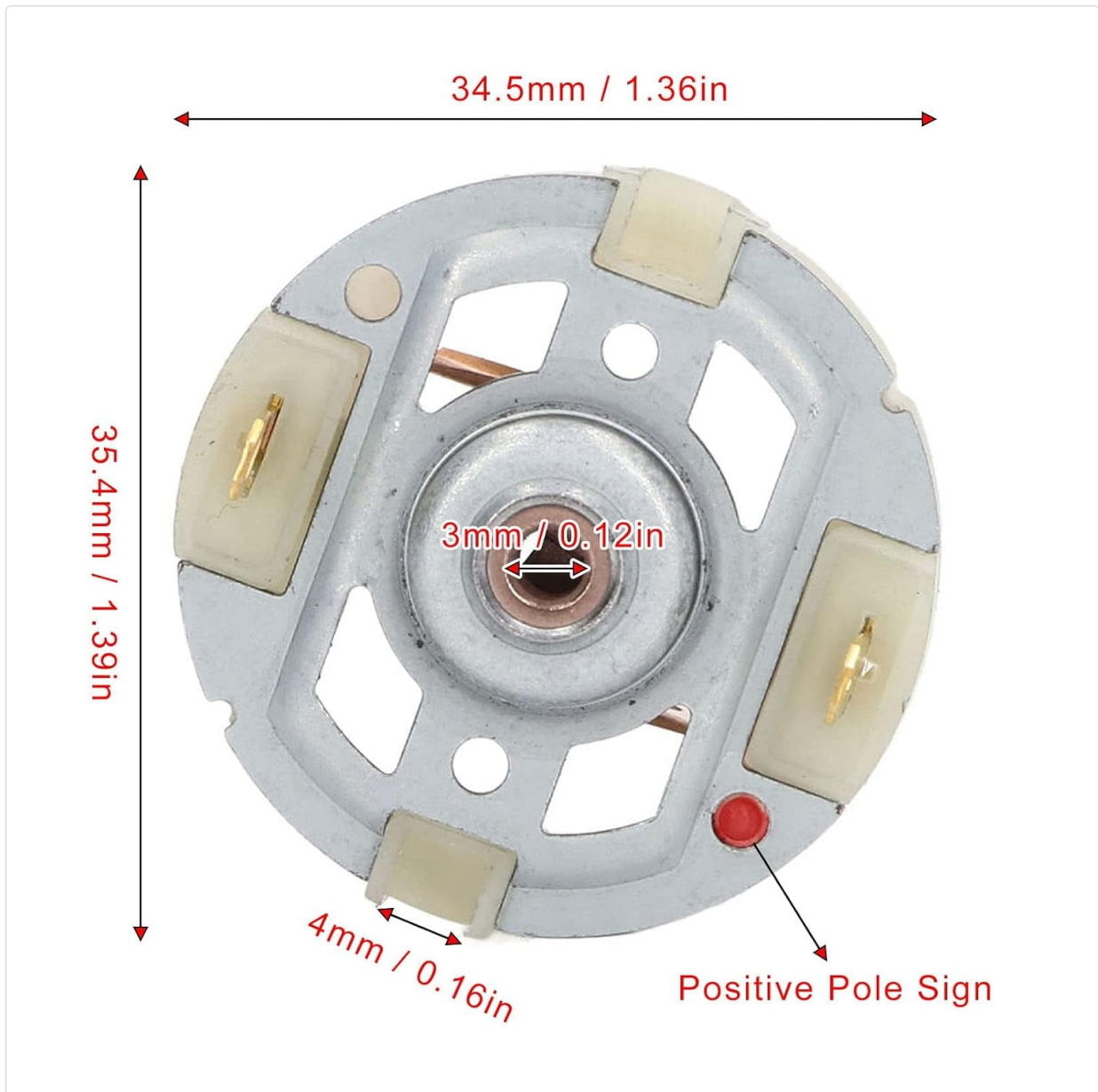


Image: Diagram showing the dimensions of the RS550 carbon motor brush assembly, including width, height, and internal shaft diameter for proper fitment.

Your browser does not support the video tag.

Video: This video demonstrates the handling and inspection of the RS550 carbon motor brush assembly, providing a visual aid for understanding its components and proper orientation during installation.

## OPERATION

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Once the new carbon brushes are correctly installed, the RS550 motor should operate as intended. The carbon brushes facilitate the transfer of electrical current to the motor's rotating armature, enabling the tool's function. A properly installed brush ensures stable and efficient motor performance.

## MAINTENANCE

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Carbon brushes are wear-and-tear components and require periodic inspection and replacement. Regular maintenance helps prolong the life of your power tool:

- **Inspect Periodically:** Depending on usage, inspect the carbon brushes every few months for signs of wear,

such as shortening or chipping.

- **Clean Brush Area:** Occasionally clean any carbon dust buildup around the brush housing and commutator to ensure optimal contact and prevent arcing.
- **Replace When Worn:** Replace brushes when they are significantly worn down to prevent damage to the motor's commutator.

## TROUBLESHOOTING

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If your tool does not operate correctly after replacing the carbon brushes, consider the following:

- **No Power:** Ensure the tool is properly plugged in or the battery is fully charged and correctly inserted.
- **Motor Not Starting:** Check if the carbon brushes are correctly seated and making firm contact with the commutator. Ensure the brush springs are applying adequate pressure.
- **Excessive Sparking:** This could indicate improper brush seating, a damaged commutator, or incorrect brush type. Re-check installation or consult a professional.
- **Reduced Performance:** If the motor runs but lacks power, the brushes might be worn, or there could be an issue with the motor itself.

## SPECIFICATIONS

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Feature	Detail
Item Type	RS550 Carbon Motor Brush
Material	ABS, Aluminium Alloy
Application	For RS550 motor (Drills, Electric Screwdrivers, etc.)
Model Number	FAUOSWUKgnu2z6p4wd
Unit Count	2 Pieces

## WARRANTY AND SUPPORT

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For warranty information or technical support regarding your FAUOSWUK RS550 Carbon Motor Brush, please refer to the product packaging or contact FAUOSWUK customer service through the retailer where the product was purchased. Keep your proof of purchase for any warranty claims.