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DEWALT A28435

DEWALT OEM A28435 Router Sub Base Instruction Manual

Model: A28435

Introduction

This manual provides essential information for the proper use, installation, and maintenance of the DEWALT OEM A28435 Router Sub Base. This genuine OEM replacement part is designed for compatibility with specific router models to ensure optimal performance and fit.



Image: The DEWALT OEM A28435 Router Sub Base. This clear, durable plastic plate serves as a replacement or accessory base for compatible routers, featuring various pre-drilled holes for attachment and a central opening designed to accommodate router bits and guide bushings.

The A28435 sub base is a critical component for precision routing, particularly when using guide bushings for template

work. It is manufactured by Stanley Black&Decker, ensuring quality and compatibility with DEWALT and Porter Cable tools.

Compatibility

The DEWALT OEM A28435 Router Sub Base is compatible with the following router models:

- **Porter Cable:** 450PK Type 1 Compact Router Combo Kit
- **DEWALT:** DWP611PK Type 1 Premium Compact Router Combo Kit

Important: Always consult your router's owner's manual for proper part number identification and installation procedures to ensure correct fit and safe operation.

Setup and Installation

This sub base is designed for straightforward installation. Follow these general steps, but always refer to your specific router's manual for detailed instructions.

1. **Safety First:** Ensure your router is unplugged from the power source before beginning any installation or maintenance.
2. **Remove Old Base (if applicable):** If replacing an existing sub base, carefully unscrew and remove the old base plate from the router's main body. Note the orientation and screw locations.
3. **Align New Base:** Position the A28435 sub base onto the router's base, aligning the screw holes on the sub base with the corresponding holes on the router. The sub base is typically designed to fit in only one correct orientation.
4. **Secure the Base:** Insert the appropriate screws (usually provided with your router or the original base) into the aligned holes. Tighten the screws evenly and securely. Do not overtighten, as this may crack the sub base.
5. **Check for Stability:** Once installed, gently shake the router to ensure the sub base is firmly attached and does not wobble.

This part is supplied new and bulk packaged, meaning it comes without retail packaging but is a genuine, unused component.

Operation and Use

The A28435 Router Sub Base serves as the contact surface between your router and the workpiece. Its primary function is to provide a stable platform for routing operations and, crucially, to allow for the attachment of guide bushings.

- **Stable Platform:** The flat surface of the sub base ensures consistent depth of cut when the router is moved across a flat workpiece.
- **Guide Bushing Compatibility:** This sub base features the correct opening and mounting points to accept standard Porter Cable style guide bushings. Guide bushings are essential for following templates accurately, allowing you to create precise dados, grooves, and decorative edges.
- **Visibility:** Being clear, the sub base offers improved visibility of the router bit and the workpiece during operation, aiding in precision and control.

Always ensure the sub base is clean and free of debris before and during operation to prevent scratching the workpiece and to maintain stability.

Maintenance

Maintaining your router sub base is simple and contributes to its longevity and the quality of your work.

- **Cleaning:** Regularly wipe down the sub base with a clean, dry cloth to remove sawdust, wood chips, and any adhesive residue. For stubborn grime, a mild, non-abrasive cleaner can be used, but avoid harsh chemicals that may damage the plastic.
- **Inspection:** Periodically inspect the sub base for cracks, chips, or excessive wear, especially around the screw holes and the central opening. A damaged sub base can affect routing accuracy and safety.
- **Screw Tightness:** Check the tightness of the mounting screws occasionally. Vibrations during use can sometimes cause screws to loosen.

Proper maintenance ensures the sub base remains flat and stable, which is crucial for precise routing.

Troubleshooting

While the A28435 sub base is a passive component, issues related to its installation or condition can impact router performance.

- **Sub Base Wobbles After Installation:**
  - Ensure all mounting screws are present and securely tightened.
  - Verify that the sub base is correctly aligned with the router's mounting points.
  - Check for any debris trapped between the sub base and the router body.
- **Guide Bushings Do Not Fit:**
  - Confirm that you are using standard Porter Cable style guide bushings, as this sub base is designed for them.
  - Inspect the central opening of the sub base for any manufacturing defects or damage.
- **Router Bit Rubs Against Sub Base Opening:**
  - Ensure the router bit is properly centered in the collet and tightened.
  - Verify that the sub base is correctly installed and not misaligned.
  - Some routers allow for sub base centering adjustments; consult your router's manual.

If issues persist, consider contacting DEWALT customer support or a qualified service technician.

Specifications

Attribute	Detail
Manufacturer	Stanley Black&Decker
Part Number	A28435
Item Model Number	A28435
Item Weight	2.08 ounces
Product Dimensions	1 x 1 x 1 inches
Power Source	Manual (refers to the tool it attaches to)
Item Package Quantity	1
Number Of Pieces	1
Batteries Included?	No

Batteries Required?	No
Base Type	Sub-Slip
UPC	704660025693

Warranty and Support

As a genuine OEM replacement part, the A28435 Router Sub Base is typically covered under the warranty terms of the original DEWALT or Porter Cable tool it is intended for, or under a specific warranty for replacement parts provided by Stanley Black&Decker.
For detailed warranty information, claims, or technical support, please refer to the official documentation that came with your router or visit the official DEWALT or Stanley Black&Decker website. Contact information for customer service is usually available on their respective websites.
DEWALT Official Website: www.dewalt.com

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