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RIDGID R4513

RIDGID OEM 089290001183 Dado Throat Plate for R4513 Table Saw Instruction Manual

Model: R4513 | Part Number: 089290001183

1. Introduction

This instruction manual provides essential information for the safe and effective use of your RIDGID OEM 089290001183 Dado Throat Plate. This accessory is specifically designed for the RIDGID R4513 Table Saw to accommodate dado blade sets, enabling wider cuts for grooves and dados. Please read this manual thoroughly before installation and operation to ensure proper function and safety.

2. Safety Information

WARNING: Always follow general power tool safety guidelines when operating a table saw. Failure to do so can result in serious injury or property damage.

- Always disconnect the table saw from the power source before installing, adjusting, or removing the dado throat plate or any other accessory.
- Wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and a dust mask.
- Ensure the dado throat plate is correctly seated and flush with the table saw surface before operating the saw. An improperly seated plate can become a projectile.
- Verify that the dado blade set clears the throat plate opening completely before starting the saw.
- Never operate the table saw with a damaged or ill-fitting throat plate.
- Keep hands and fingers clear of the blade area at all times. Use push sticks or push blocks when necessary.

3. Package Contents

Your package should contain the following item:

- 1 x RIDGID OEM 089290001183 Dado Throat Plate



Figure 1: RIDGID OEM 089290001183 Dado Throat Plate. This image shows the brown-colored dado throat plate with a rectangular opening for the blade and several screw holes for mounting.

4. Setup and Installation

This dado throat plate is designed for direct replacement on the RIDGID R4513 Table Saw. Follow these steps for proper installation:

1. **Disconnect Power:** Ensure your RIDGID R4513 Table Saw is unplugged from the power source to prevent accidental startup.
2. **Remove Standard Throat Plate:** Locate the existing throat plate on your table saw. Depending on your saw's design, there may be a latch or screws to release it. Carefully lift and remove the standard throat plate.
3. **Install Dado Blade Set:** Install your desired dado blade set onto the saw arbor according to your table saw's and dado blade set's instructions. Ensure all spacers and chippers are correctly positioned and the arbor nut is securely tightened.
4. **Position Dado Throat Plate:** Carefully place the RIDGID OEM 089290001183 Dado Throat Plate into the opening on the table saw. Ensure it aligns with the mounting points.
5. **Adjust for Flush Fit:** The R4513 table saw typically has adjustment screws underneath the throat plate opening. Use a screwdriver to adjust these screws until the dado throat plate sits perfectly flush with the table saw's surface. A flush fit is critical for safe and accurate cuts.
6. **Verify Blade Clearance:** Before plugging in the saw, manually raise and lower the dado blade set to ensure it moves freely within the throat plate's opening without any contact. Rotate the blade by hand to confirm clearance.
7. **Secure the Plate:** If your saw model includes mechanisms to secure the throat plate (e.g., screws or a spring clip), ensure they are engaged and tightened. While this specific dado plate may not have a front spring clip like some

standard plates, a snug fit and proper adjustment are paramount.

5. Operating Instructions

Once the dado throat plate is securely installed and the dado blade set is verified for clearance, you can proceed with dado cutting operations. Always refer to your RIDGID R4513 Table Saw's main instruction manual for general operation and safety procedures.

- **Power On:** Plug in the table saw.
- **Test Cut:** Always perform a test cut on scrap material to verify the depth and width of your dado cut before working on your project piece.
- **Feed Rate:** Maintain a consistent and controlled feed rate when pushing material through the dado blade. Avoid forcing the material, which can lead to kickback or poor cut quality.
- **Dust Collection:** Utilize your table saw's dust collection system to manage sawdust generated by dado cuts.
- **Blade Guard:** If your table saw's blade guard system can be adapted for dado blades, use it. Otherwise, exercise extreme caution.

6. Maintenance

Proper maintenance ensures the longevity and safe operation of your dado throat plate.

- **Cleaning:** After each use, disconnect power and clean any sawdust or debris from the throat plate and the surrounding table saw area. A brush or compressed air can be used.
- **Inspection:** Regularly inspect the dado throat plate for signs of wear, damage, or warping. If the plate is warped or damaged, it should be replaced immediately to prevent safety hazards and ensure accurate cuts.
- **Storage:** When not in use, store the dado throat plate in a clean, dry place to prevent corrosion or damage.

7. Troubleshooting

Problem	Possible Cause	Solution
Dado throat plate does not fit flush with the table.	Incorrect adjustment of leveling screws.	Adjust the leveling screws located underneath the throat plate opening on the table saw until the plate is perfectly flush.
Dado blade rubs against the throat plate.	Improper dado blade installation or incorrect throat plate.	Ensure the dado blade set is correctly installed and tightened. Verify that the throat plate is the correct model (089290001183) for the R4513 table saw. Re-check blade clearance manually before powering on.
Throat plate feels loose or moves during operation.	Plate not properly secured or leveling screws not providing enough tension.	Ensure leveling screws are adjusted for a snug fit. If your saw has additional securing mechanisms, ensure they are engaged. A loose plate is a significant safety hazard and must be corrected immediately.
Inaccurate dado cuts.	Warped or damaged throat plate; improper setup.	Inspect the throat plate for warping or damage; replace if necessary. Re-verify that the plate is flush with the table surface and that the dado blade is correctly installed and aligned.

8. Specifications

Brand	RIDGID

Model Number	R4513 (Compatible Table Saw)
Part Number	089290001183
Material	Plastic
Product Dimensions	5.31"L x 1.28"W x 0.2"H
Item Weight	4 ounces (0.25 Pounds)
Color	Multicolor (typically brown/orange as pictured)

9. Warranty and Support

For information regarding warranty coverage, technical support, or replacement parts for your RIDGID products, please refer to the official RIDGID website or contact their customer service directly. Keep your purchase receipt as proof of ownership.

Note: This dado throat plate is an OEM part. Warranty terms may vary for accessories.

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