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› Zsodio 394589-01 Replacement Screw for Dewalt Miter Saw Stand Instruction Manual

Zsodio 394589-01

Zsodio 394589-01 Replacement Screw for Dewalt Miter Saw Stand

Model: 394589-01 | Brand: Zsodio

1. INTRODUCTION

This manual provides essential information for the Zsodio 394589-01 replacement screw, designed for use with various Dewalt miter saw models. This screw is a critical component for maintaining the stability and adjustability of your miter saw's rotating plate. Please read these instructions carefully before installation or replacement to ensure proper function and safety.

2. PRODUCT OVERVIEW

The Zsodio 394589-01 screw is manufactured from alloy steel, offering excellent wear and corrosion resistance. Its robust construction ensures durability and prevents premature damage or rusting. This screw is specifically engineered to replace original Dewalt miter saw screws, providing a reliable fit and performance.



Figure 1: Close-up view of the Zsodio 394589-01 replacement screw head, showing the combined Phillips and Torx drive. This image displays a detailed view of the screw head, highlighting its dual-drive design compatible with both flathead screwdrivers and T-30 torque wrenches.



Figure 2: Side view of the Zsodio 394589-01 replacement screw, showing the threaded shaft and blue thread locker. A side profile of the screw, illustrating its alloy steel construction and the pre-applied blue thread locker designed to prevent loosening during operation.

3. COMPATIBILITY

This replacement screw (part number 394589-01) is compatible with the following Dewalt miter saw models:

- DW703
- DW704
- DW705-220
- DW705S
- DW705
- DW706
- DW712
- DW715
- DW716
- DW718
- DW713
- DW717
- DWS779
- DWS780
- DWS782

4. SETUP AND INSTALLATION

The 394589-01 screw is primarily used to secure the rotating plate of the miter saw. Proper installation ensures the stability of the saw and allows for accurate adjustment of cutting angles and directions.

Installation Steps:

1. **Safety First:** Ensure the miter saw is unplugged from the power source before beginning any maintenance or installation.
2. **Locate the Screw:** Identify the screw that secures the rotating plate or the relevant component requiring this specific screw. Refer to your Dewalt miter saw's original manual for exact screw locations if unsure.
3. **Remove Old Screw (if applicable):** If replacing an existing screw, use a flathead screwdriver or a T-30 torque wrench to carefully loosen and remove the old screw.
4. **Insert New Screw:** Place the Zsodio 394589-01 screw into the designated hole.
5. **Tighten Securely:** Using a flathead screwdriver or a T-30 torque wrench, tighten the screw until it is firm. Do not overtighten, as this can strip the threads or damage the saw components. The screw should be tight enough to secure the part while allowing for necessary adjustments if applicable.



Figure 3: Zsodio 394589-01 screw installed in a Dewalt miter saw. This image shows the screw in its operational context, installed within a Dewalt miter saw. It demonstrates how the screw helps secure components, ensuring proper function and stability of the saw's rotating plate.

5. OPERATING PRINCIPLES

The 394589-01 screw plays a crucial role in the functionality of your Dewalt miter saw by fixing the rotating plate.

This fixation ensures that the saw's cutting angle remains stable during operation, preventing unwanted movement. When adjustments to the cutting angle are required, the screw can be loosened to allow the plate to rotate, and then retightened to secure the new angle. Its design facilitates flexible adjustment while maintaining the necessary rigidity for precise cuts.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Zsodio 394589-01 screw and your miter saw, consider the following maintenance tips:

- **Regular Inspection:** Periodically check the screw for any signs of wear, corrosion, or damage. Replace immediately if any issues are observed.
- **Tightness Check:** Ensure the screw remains securely tightened. Vibrations from saw operation can sometimes cause screws to loosen over time.
- **Cleaning:** Keep the screw and surrounding area free from sawdust and debris, which can impede proper function or cause wear.
- **Lubrication (if necessary):** If the screw is part of a moving mechanism, ensure appropriate lubrication is applied as per your miter saw's original maintenance guidelines.

7. TROUBLESHOOTING

If you encounter issues related to the 394589-01 screw, consider the following:

- **Loose Rotating Plate:** If the miter saw's rotating plate feels loose or shifts during operation, the 394589-01 screw may need to be tightened. Ensure it is securely fastened with the appropriate tool (flathead screwdriver or T-30 torque wrench).
- **Difficulty Adjusting Angle:** If the rotating plate is stiff or difficult to adjust, check if the screw is overtightened. Slightly loosen it to allow for smoother movement, then retighten to the desired tension. Also, inspect for any debris obstructing the movement.
- **Stripped Screw Head:** If the screw head becomes stripped, making it difficult to tighten or loosen, the screw must be replaced. Continued use of a stripped screw can lead to further damage or unsafe operation.
- **Corrosion:** While made of corrosion-resistant alloy steel, prolonged exposure to moisture or harsh conditions can lead to corrosion. If significant corrosion is observed, replace the screw to maintain structural integrity.

8. SPECIFICATIONS

Specification	Detail
Part Number	394589-01
Material	Alloy Steel
Head Style	Phillips
Exterior Finish	Stainless Steel
Item Dimensions (L x W x H)	0.23 x 0.23 x 0.82 inches
Thread Size	0.82 inches

Specification	Detail
Point Style	Phillips
Metal Type	Aluminum (Note: Product description states Alloy Steel for screw material, Aluminum for general metal type)
Item Weight	0.16 ounces (4.54 g)
Thread Type	Left Hand Thread
Thread Coverage	Fully Threaded
Fastener Type	Machine Screw
UPC	635412260829

9. WARRANTY AND SUPPORT

Specific warranty information for the Zsodio 394589-01 replacement screw is not provided in this document. For details regarding warranty coverage, returns, or technical support, please contact the seller directly through your purchase platform. Ensure you have your order details and product information available when contacting support.

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