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Skil SPT00C

SKIL SPT00C Zero Clearance Insert Instruction Manual

Model: SPT00C | Brand: Skil

1. Introduction

The SKIL SPT00C Zero Clearance Insert is designed to enhance the precision and safety of your table saw operations. This insert plate fits snugly around the saw blade, significantly reducing the kerf clearance. This feature is crucial for minimizing tear-out, especially when cutting thin off-cuts or delicate materials, ensuring cleaner and more accurate cuts. It is specifically designed for use with SKIL SPT99 and SPT70WT table saws.



Figure 1: SKIL SPT00C Zero Clearance Insert.

2. Package Contents

Verify that all items listed below are present in your package:

- 1 x SKIL SPT00C Zero Clearance Insert
- Necessary mounting screws

3. Specifications

Feature	Detail
Model Number	SPT00C
Brand	Skil
Material	Blend
Product Dimensions (L x W)	13.98" x 4.53"
Item Weight	0.4 Pounds (approx. 6.4 ounces)
Compatible Material	Wood
Designed For	SKIL SPT99 and SPT70WT Table Saws
Function	Reduces kerf clearance for precision cuts at 90°
Country of Origin	China
UPC	039725074140

4. Setup and Installation

Proper installation of the zero clearance insert is essential for optimal performance and safety. Always ensure your table saw is unplugged before performing any installation or maintenance.

4.1 Safety Precautions

- Always disconnect the table saw from the power source before installing or removing the insert.
- Wear appropriate personal protective equipment (PPE), including safety glasses and hearing protection.
- Ensure the work area is clean and well-lit.

4.2 Installation Steps

1. **Prepare the Table Saw:** Ensure the table saw is clean and free of sawdust or debris around the existing throat plate area.
2. **Remove Existing Insert:** Carefully remove the standard throat plate from your SKIL SPT99 or SPT70WT table saw.
3. **Position the Zero Clearance Insert:** Place the SKIL SPT00C Zero Clearance Insert into the opening. Ensure it sits flush with the table saw surface.
4. **Secure the Insert:** Use the provided screws to secure the insert plate firmly in place. Do not overtighten.
5. **Adjust for Blade Clearance (First Cut):**
    - Lower the saw blade completely below the table surface.
    - Plug in the table saw.
    - Turn on the table saw.
    - Slowly raise the saw blade through the new zero clearance insert until it reaches its maximum height. This action will create a perfectly sized slot for your blade.
    - Turn off the table saw and unplug it.
6. **Clean Up:** Remove any plastic shavings created during the first cut.

5. Operating Instructions

The zero clearance insert is designed to improve the quality of your cuts. Once installed, operate your table saw as usual, adhering to all standard safety procedures.

- The primary benefit of this insert is to provide support to the wood fibers directly at the point of cut, preventing tear-out on the underside of the workpiece.
- This is particularly effective for cross-cutting plywood, melamine, and other sheet goods where tear-out is common.
- Always ensure the workpiece is firmly against the fence and the table surface during cutting.
- For optimal results, use a sharp blade appropriate for the material being cut.

6. Care and Maintenance

- Regularly inspect the insert for wear or damage, especially around the blade slot.
- Clean the insert and the surrounding table saw surface after each use to prevent sawdust buildup, which can affect accuracy and safety.
- If the blade slot becomes too wide due to repeated use or different blade thicknesses, consider replacing the insert to maintain zero clearance benefits.
- Store the insert in a clean, dry place when not in use.

7. Troubleshooting

Problem	Possible Cause	Solution
Insert does not sit flush.	Debris under the insert or improper screw alignment.	Clean the recess thoroughly. Re-align and re-tighten screws.
Tear-out still occurs.	Blade is dull, incorrect blade for material, or insert slot is too wide.	Replace or sharpen blade. Use appropriate blade. Replace insert if slot is worn.
Blade binds when raising.	Insert not properly aligned or secured.	Ensure insert is correctly seated and screws are tightened. Lower blade and try raising slowly again.

8. Warranty and Support

For information regarding warranty coverage, product registration, or technical support for your SKIL SPT00C Zero Clearance Insert, please refer to the official Skil website or contact Skil customer service directly. Contact details are typically found in the original product packaging or on the manufacturer's website.

Online Support: www.skil.com

Please have your model number (SPT00C) and purchase date available when contacting support.

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