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Skil 25341

Skil 25341 Rip Fence for Circular Saw

Instruction Manual

Introduction

This manual provides instructions for the proper installation, operation, and maintenance of the Skil 25341 Rip Fence. This accessory is designed to assist in making accurate, straight cuts with compatible Skil circular saws. Please read this manual thoroughly before use to ensure safe and effective operation.

Safety Information

Always prioritize safety when working with power tools and accessories. Failure to follow safety instructions can result in serious injury or property damage.

- **Read Saw Manual:** Always refer to your circular saw's instruction manual for specific safety warnings and operating procedures before attaching or using this rip fence.
- **Secure Attachment:** Ensure the rip fence is securely attached to the saw before each use. A loose fence can lead to inaccurate cuts and potential kickback.
- **Workpiece Stability:** Always ensure your workpiece is stable and properly supported to prevent movement during cutting.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, including safety glasses, hearing protection, and gloves, when operating power tools.
- **Inspect Before Use:** Before each use, inspect the rip fence for any damage, bends, or wear. Do not use if damaged.

Product Overview

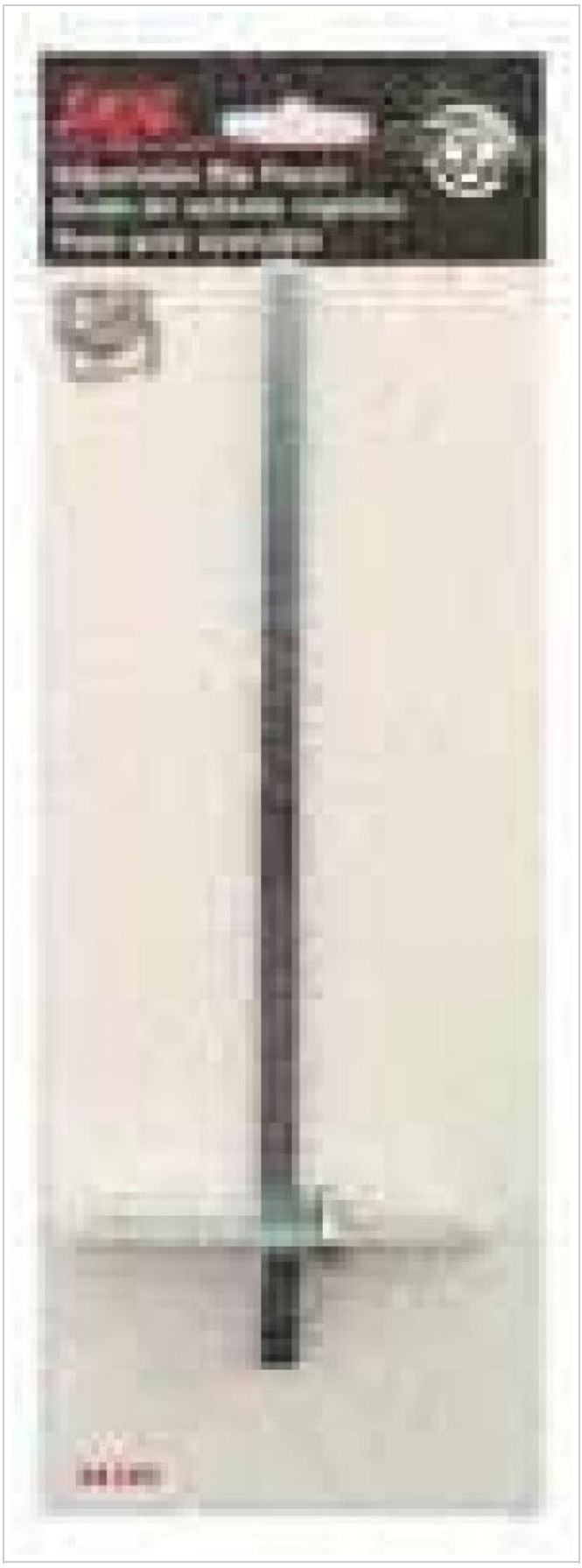


Figure 1: Skil 25341 Rip Fence in its packaging. This image shows the Skil 25341 Rip Fence packaged for retail. The fence itself is a long, slender metal bar with a smaller perpendicular piece at one end, designed to guide a circular saw for straight cuts. The packaging is clear plastic with a black and red header card displaying the Skil brand logo and product information.

The Skil 25341 Rip Fence is an accessory designed to attach to specific Skil circular saw models to facilitate straight, parallel cuts along the edge of a workpiece. It consists of a guide bar and an adjustable locking mechanism.

Setup

The Skil 25341 Rip Fence is compatible with Skil Circular Saw Models 5625 (Types 1, 4 & Up) and 5650 (Types 3 & Up).

1. **Identify Mounting Slot:** Locate the rip fence mounting slot on the base plate of your compatible Skil circular saw. This slot is typically a narrow opening designed to accept the rip fence guide bar.
2. **Insert Rip Fence:** Slide the long, straight bar of the rip fence into the mounting slot on the saw's base plate. Ensure the fence is oriented correctly, with the guiding edge facing the blade.
3. **Adjust Distance:** Position the rip fence to the desired distance from the saw blade. This distance will determine the width of your cut. Use the measurement scale on your saw's base plate, if available, or a separate measuring tool for accuracy.
4. **Secure Locking Mechanism:** Tighten the locking screw or lever on your circular saw that secures the rip fence in place. Ensure it is firmly tightened to prevent any movement during operation.
5. **Verify Alignment:** Before making a cut, double-check that the rip fence is parallel to the saw blade and securely fastened.

Operating

Once the rip fence is securely attached and adjusted, it aids in making consistent, straight cuts.

1. **Prepare Workpiece:** Place your workpiece on a stable surface. Ensure there is no obstruction for the saw blade or the rip fence.
2. **Position Saw:** Place the circular saw on the workpiece, with the rip fence resting firmly against the edge of the material you wish to cut parallel to.
3. **Start Cut:** Start the saw and allow the blade to reach full speed before engaging the material.
4. **Guide Saw:** Maintain firm pressure on the saw, keeping the rip fence pressed against the edge of the workpiece throughout the cut. This ensures a straight and consistent cut.
5. **Complete Cut:** Continue guiding the saw until the cut is complete. Release the trigger and allow the blade to stop before lifting the saw from the workpiece.

Maintenance

Proper maintenance ensures the longevity and performance of your rip fence.

- **Cleaning:** After each use, wipe down the rip fence with a clean, dry cloth to remove sawdust and debris.
- **Inspection:** Regularly inspect the rip fence for any signs of damage, such as bends, cracks, or excessive wear. Pay close attention to the guide bar and any locking mechanisms.
- **Storage:** Store the rip fence in a dry place, away from moisture and extreme temperatures, to prevent rust or corrosion.
- **Lubrication:** If the rip fence mechanism becomes stiff, a light application of a dry lubricant may be used on the sliding surfaces, ensuring not to get any on the workpiece contact areas.

Troubleshooting

If you encounter issues with your Skil 25341 Rip Fence, consider the following:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Inaccurate or non-straight cuts	Rip fence not parallel to blade; Rip fence not securely locked; Workpiece shifting; Damaged rip fence.	Re-align and secure rip fence; Ensure workpiece is clamped; Inspect and replace damaged fence.
Difficulty inserting/adjusting fence	Debris in saw's mounting slot; Bent rip fence bar; Corrosion.	Clean saw's mounting slot; Inspect rip fence for damage; Apply light lubricant if needed.
Rip fence feels loose after locking	Locking mechanism on saw is faulty; Rip fence bar is worn.	Inspect saw's locking mechanism; Replace rip fence if worn.

Specifications

- **Model Number:** 25341
- **Brand:** Skil
- **Compatibility:** Skil Circular Saw Models 5625 (Types 1, 4 & Up), 5650 (Types 3 & Up)
- **Item Weight:** Approximately 4.8 ounces (0.3 pounds)
- **Product Dimensions:** Approximately 13.1 x 1 x 4.12 inches
- **Material:** Metal
- **UPC:** 039725253415
- **Manufactured In:** United States

Warranty and Support

For specific warranty information regarding your Skil 25341 Rip Fence, please refer to the documentation included with your original purchase or visit the official Skil website. For technical support or further assistance, contact Skil customer service through their official channels.
You can visit the Skil Store on Amazon for more product information and support resources.

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