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› [FLEX](#) /

› [FLEX Zero Clearance Insert for FLEX 8-1/4" Table Saw - FT722 User Manual](#)

FLEX FT722

FLEX Zero Clearance Insert User Manual

Model: FT722

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your FLEX Zero Clearance Insert (Model FT722). This insert is designed specifically for use with the FLEX 8-1/4" Table Saw (Model FX7211) to enhance cutting precision and reduce material tear-out.

Please read this manual thoroughly before using the product to ensure safe and efficient operation.

PRODUCT OVERVIEW

The FLEX Zero Clearance Insert is a precision accessory designed to improve the performance of your table saw. It reduces the gap around the saw blade, minimizing tear-out and preventing small pieces of material from falling into the saw's throat plate. It is designed for easy installation and removal and includes all installation hardware.



Figure 1: FLEX Zero Clearance Insert (Model FT722). This image shows the black rectangular insert with a narrow slot for the saw blade and mounting holes.

Key Features:

- **Compatibility:** For use with FLEX 8-1/4" Table Saw (FX7211).
- **Reduced Kerf Clearance:** Reduces kerf clearance to the thickness of the blade.

- **Precise Cuts:** Designed for precise 90-degree cuts.
- **Easy Installation:** Designed for easy installation and removal.
- **Includes Hardware:** Comes with all necessary installation hardware.

SETUP AND INSTALLATION

Before installation, ensure your FLEX 8-1/4" Table Saw is unplugged and the blade is fully lowered. Always wear appropriate safety gear, including eye protection.

Installation Steps:

1. **Prepare the Saw:** Ensure the table saw is turned off and unplugged from the power source. Lower the saw blade completely below the table surface.
2. **Remove Existing Insert:** Carefully remove the standard throat plate or existing insert from your FLEX 8-1/4" Table Saw. This usually involves lifting it out or unscrewing retaining screws.
3. **Position the New Insert:** Place the FLEX Zero Clearance Insert (FT722) into the opening on the table saw. Ensure it sits flush with the table surface.
4. **Secure the Insert:** Use the provided installation hardware (screws) to secure the zero clearance insert in place. Tighten screws firmly but do not overtighten.
5. **Create the Zero Clearance Slot:**
 - Raise the saw blade slowly through the new insert. This process creates a perfectly sized slot for your specific blade, ensuring zero clearance.
 - Ensure the blade is fully extended through the insert before turning off the saw.
6. **Verify Fit:** Check that the insert is stable and flush with the table saw surface.

The zero clearance slot is now custom-fitted to your blade, ready for precise cutting operations.

OPERATING INSTRUCTIONS

Once installed, the Zero Clearance Insert operates as an integral part of your table saw. Its primary function is to provide enhanced material support during cutting.

Benefits During Operation:

- **Reduced Tear-Out:** The tight fit around the blade minimizes splintering on the underside of the workpiece, especially with plywood and veneered materials.
- **Improved Dust Collection:** A smaller opening can slightly improve dust extraction efficiency around the blade.
- **Support for Small Pieces:** Prevents small off-cuts from falling into the saw's throat, which can be a safety hazard.

Always follow the safety guidelines and operating procedures outlined in your FLEX 8-1/4" Table Saw's main instruction manual when using the saw with this insert.

MAINTENANCE

The FLEX Zero Clearance Insert requires minimal maintenance to ensure its longevity and continued performance.

- **Cleaning:** Periodically clean the insert to remove sawdust and debris. Use a brush or compressed air. Avoid using harsh chemicals that could damage the material.
- **Inspection:** Regularly inspect the insert for any signs of wear, cracks, or damage. If the slot becomes excessively

wide due to wear, or if the insert is damaged, it should be replaced to maintain optimal performance and safety.

- **Storage:** When not in use, or if you are switching back to a standard insert, store the zero clearance insert in a clean, dry place to prevent warping or damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Insert does not sit flush.	Debris in the saw's throat plate opening; incorrect installation.	Remove the insert and clean the opening thoroughly. Re-install, ensuring proper alignment and tightening of screws.
Excessive tear-out still occurs.	Blade is dull; incorrect blade type for material; insert slot is worn.	Ensure your saw blade is sharp and appropriate for the material. Inspect the insert for excessive wear in the blade slot; replace if necessary.
Insert feels loose after installation.	Mounting screws are not tightened sufficiently.	Ensure all mounting screws are securely tightened. Do not overtighten.

If you encounter issues not listed here, refer to your FLEX 8-1/4" Table Saw's main manual or contact FLEX customer support.

SPECIFICATIONS

Attribute	Detail
Model Number	FT722
Compatibility	FLEX 8-1/4" Table Saw (FX7211)
Included Components	Zero Clearance Insert, Installation Hardware
Color	Red
Item Weight	157 g
Parcel Dimensions	37.7 x 10.2 x 2.3 cm

WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the documentation included with your FLEX 8-1/4" Table Saw (FX7211) or visit the official FLEX website. This accessory is covered under the general terms and conditions applicable to FLEX accessories.

FLEX Official Website: www.flexpowertools.com

