

DEWALT DW3278

DEWALT DW3278 Circular Saw Fence Instruction Manual

Model: DW3278

INTRODUCTION

The DEWALT DW3278 Circular Saw Fence is designed to assist in making straight, precise rip cuts with compatible DEWALT circular saws. This accessory provides a stable guide for consistent cutting distances, enhancing accuracy and efficiency in your woodworking tasks. Please read this manual thoroughly before installation and operation to ensure safe and optimal performance.

SAFETY INFORMATION

Always prioritize safety when using power tools and accessories. Failure to follow these safety guidelines may result in serious personal injury or property damage.

- **Eye Protection:** To minimize the risk of eye injury, always wear appropriate eye protection, such as safety glasses or goggles, when operating a circular saw with this fence.
- **Read Saw Manual:** Always refer to your circular saw's instruction manual for specific safety warnings and operating procedures.
- **Secure Attachment:** Ensure the rip fence is securely fastened to the saw before each use. A loose fence can lead to inaccurate cuts and potential kickback.
- **Proper Material Support:** Always support your workpiece adequately to prevent binding or shifting during cutting.
- **Maintain Clear Work Area:** Keep your work area clean and well-lit. Cluttered areas invite accidents.
- **Inspect Before Use:** Before each use, inspect the rip fence for any damage or wear. Do not use if damaged.

PRODUCT OVERVIEW

The DEWALT DW3278 Circular Saw Fence includes the following components:

- Rip Fence (Guide Bar)
- Knob and Screw Assembly



Figure 1: The DEWALT DW3278 Circular Saw Fence, showing the main guide bar and the securing knob.

SETUP AND INSTALLATION

Follow these steps to properly attach the DW3278 Circular Saw Fence to your compatible DEWALT circular saw:

1. **Unplug the Saw:** Always ensure the circular saw is unplugged from its power source before performing any adjustments or accessory installations.
2. **Identify Slots:** Locate the slots at the front of your circular saw's shoe (base plate). These slots are designed to accept the rip fence.
3. **Insert Rip Fence:** Slide the rip fence through these slots. The fence should be positioned so that the guide bar extends parallel to the saw blade.
4. **Adjust Distance:** Adjust the rip fence to the desired distance from the saw blade. This distance will

determine the width of your cut.

5. **Tighten Screw:** Secure the rip fence in place by tightening the screw on the saw's shoe. Ensure it is firmly secured to prevent movement during operation.

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ASSEMBLY INSTRUCTIONS INSTRUCCIONES DE ENSAMBLADO INSTRUCTIONS D'ASSEMBLAGE

1. UNPLUG SAW.
2. Insert rip fence through slots at front of shoe. (If cutting on right side of board, attach rip fence to right side of shoe. If cutting on the left side of board, attach rip fence to left side of shoe.)
3. Set rip fence at desired distance from blade. Insert and tighten screw.

1. DESCONECTE LA SIERRA.
2. Introduzca la guía de cortes al hilo a través de las ranuras en la parte delantera de la zapata. (Si se corta desde el lado derecho del panel, instale la guía al costado derecho de la zapata. Si se corta desde el lado izquierdo del panel, instale la guía al costado izquierdo de la zapata.)
3. Ubique la guía de corte a la distancia deseada de la hoja. Introduzca y apriete el tornillo.

1. DÉBRANCHER LA SCIE.
2. Insérer le guide de refente à travers les fentes sur le devant de la semelle. (Pour des coupes sur le côté droit de la planche à couper, fixer le guide sur le côté droit de la semelle. Pour des coupes sur le côté gauche de la planche à couper, fixer le guide sur le côté gauche de la semelle.)
3. Placer le guide de refente à la distance voulue par rapport à la lame. Insérer et serrer la vis.



DeWALT Industrial Tool Co.
701 East Joppa Road
Towson, MD 21286
1-800-4-DEWALT
(1-800-433-9258)
U.S. & Canada Only
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DeWALT Industrial Tool Co.,
S.A. de C.V.
Avenida Antonio Dovali Jaime
70 Torre B Piso 9
Colonia La Fe, Santa Fé,
Delegación Alvaro Obregón,
México D.F. 01210
R.F.C.: BDE810626-1W7

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Figure 2: Diagram illustrating the insertion and securing of the rip fence into the circular saw shoe.

Compatibility: This rip fence is compatible with most DEWALT circular saws, including models DCS575, DCS570, DCS577, DWE575, and DWS535. It is also compatible with most 7-1/4-inch to 8-1/4-inch DEWALT and Black & Decker circular saws. *Note: This fence is not designed for use with all saw models, particularly some cordless models. Verify compatibility with your specific saw model before purchase and use.*

OPERATING INSTRUCTIONS

Once the rip fence is securely attached and adjusted, you can proceed with your cutting tasks:

1. **Measure and Set:** Carefully measure the desired cutting width and adjust the rip fence accordingly. Ensure the measurement is taken from the correct side of the blade for accuracy.
2. **Test Cut:** For critical cuts, always perform a test cut on a scrap piece of material to verify the accuracy of your setup.
3. **Position Workpiece:** Place your workpiece on a stable surface. Position the circular saw so that the rip fence is firmly against the edge of the material you wish to cut.
4. **Start Cut:** With the saw blade clear of the workpiece, start the saw. Allow the blade to reach full speed before beginning the cut.
5. **Guide the Saw:** Maintain firm pressure on the saw, keeping the rip fence pressed against the edge of the workpiece throughout the entire cut. Guide the saw smoothly and consistently.
6. **Complete Cut:** Continue the cut until the piece is separated. Release the trigger and allow the blade to stop completely before lifting the saw from the workpiece.

The rip fence helps achieve smooth, precise, and straight cuts, especially when ripping boards or trimming small pieces.

MAINTENANCE

Proper maintenance ensures the longevity and continued performance of your DEWALT DW3278 Circular Saw Fence:

- **Cleaning:** After each use, wipe down the rip fence with a clean, dry cloth to remove sawdust and debris.
- **Inspection:** Regularly inspect the fence for any signs of damage, bending, or excessive wear. Check the securing knob and screw for proper function.
- **Storage:** Store the rip fence in a dry, clean environment, away from corrosive materials and extreme temperatures.
- **Lubrication:** No specific lubrication is required for this accessory.

TROUBLESHOOTING

If you encounter issues with your DW3278 Circular Saw Fence, consider the following:

Problem	Possible Cause	Solution
Fence does not fit saw.	Incompatible saw model (e.g., some 6-1/2 inch saws, certain cordless models).	Verify your saw model against the compatibility list (DCS575, DCS570, DCS577, DWE575, DWS535, and most 7-1/4 to 8-1/4 inch DEWALT/Black & Decker saws).
Fence is loose or wobbles.	Securing knob not tightened sufficiently.	Ensure the securing knob is fully tightened. If the knob is damaged, replace it.
Cuts are not straight or accurate.	Fence not properly aligned or secured; inconsistent pressure during cut.	Re-check fence alignment and ensure it is tightly secured. Maintain consistent pressure against the workpiece edge throughout the cut.

SPECIFICATIONS

Feature	Detail
Model Number	DW3278
Material	All Metal Construction (Blend)
Product Dimensions	12.38"L x 7.42"W
Item Weight	9.6 ounces
Color	Silver
Compatible Devices	DEWALT, Black & Decker (most 7-1/4" to 8-1/4" circular saws)
UPC	028874032781

WARRANTY INFORMATION

For detailed warranty information regarding your DEWALT DW3278 Circular Saw Fence, please refer to the warranty card included with your original purchase or visit the official DEWALT website. Warranty terms and conditions may vary by region and product type.

SUPPORT

If you have any questions, require technical assistance, or need to order replacement parts for your DEWALT DW3278 Circular Saw Fence, please contact DEWALT Customer Service:

Website: www.dewalt.com

Phone: Refer to the DEWALT website for regional contact numbers.

When contacting support, please have your product model number (DW3278) and purchase information readily available.

