

## DEWALT DWE305

# DEWALT DWE305 12 Amp Corded Reciprocating Saw Instruction Manual

Model: DWE305

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## INTRODUCTION

This manual provides essential instructions for the safe and effective use of your DEWALT DWE305 12 Amp Corded Reciprocating Saw. This powerful tool features a 12 Amp motor, variable speed trigger, and a 4-position blade clamp, designed for various cutting applications including flush cutting. Please read and understand all instructions before operating the tool.

## GENERAL SAFETY INFORMATION

**WARNING:** Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating for extended periods. Wear appropriate clothing and non-skid safety footwear.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.

## SETUP

### Blade Installation and Removal

The DWE305 features a keyless, lever-action 4-position blade clamp for quick and easy blade changes.

1. **Ensure Power is Disconnected:** Always unplug the saw from the power source before installing or removing a blade.
2. **Open Blade Clamp:** Locate the lever-action blade clamp on the front of the saw. Push the lever to open the clamp jaws.
3. **Insert Blade:** Insert the tang of the reciprocating saw blade fully into the blade clamp opening. Ensure the blade teeth are facing the correct direction for your cutting application.
4. **Secure Blade:** Release the lever. The blade should be securely held in place. Gently pull on the blade to confirm it is locked.
5. **Adjust Blade Position (Optional):** The 4-position blade clamp allows the blade to be inserted in four different orientations (up, down, left, right) for increased versatility, especially for flush cutting. Repeat steps 2-4 to change the blade orientation.



Image: Front view of the DEWALT DWE305 Reciprocating Saw, highlighting the blade clamp mechanism.

## Power Connection

This is a corded electric tool. Connect the power cord to a suitable 120 Volt AC power outlet. Ensure the power outlet is properly grounded.

## OPERATING INSTRUCTIONS

### Starting and Stopping the Saw

- **To Start:** Depress the variable speed trigger. The saw will start.
- **To Stop:** Release the variable speed trigger.
- **Variable Speed Control:** The trigger allows for variable speed control. Pressing the trigger further increases the blade speed, providing greater control for different materials and applications.

### Cutting Techniques

Always ensure the workpiece is securely clamped or held to prevent movement during cutting.

- **General Cutting:** Hold the saw firmly with both hands. Place the shoe of the saw against the workpiece before starting the cut. Apply steady, even pressure.
- **Flush Cutting:** Utilize the 4-position blade clamp to orient the blade for flush cutting against surfaces. Ensure the blade is appropriate for the material.
- **Cutting Wood:** Use a wood-specific blade. The 1-1/8-inch stroke length and 0-2,900 SPM are designed for

fast and efficient wood cutting.



Image: A person using the DEWALT DWE305 reciprocating saw to cut through a wooden beam laid on a floor, demonstrating a common cutting application.

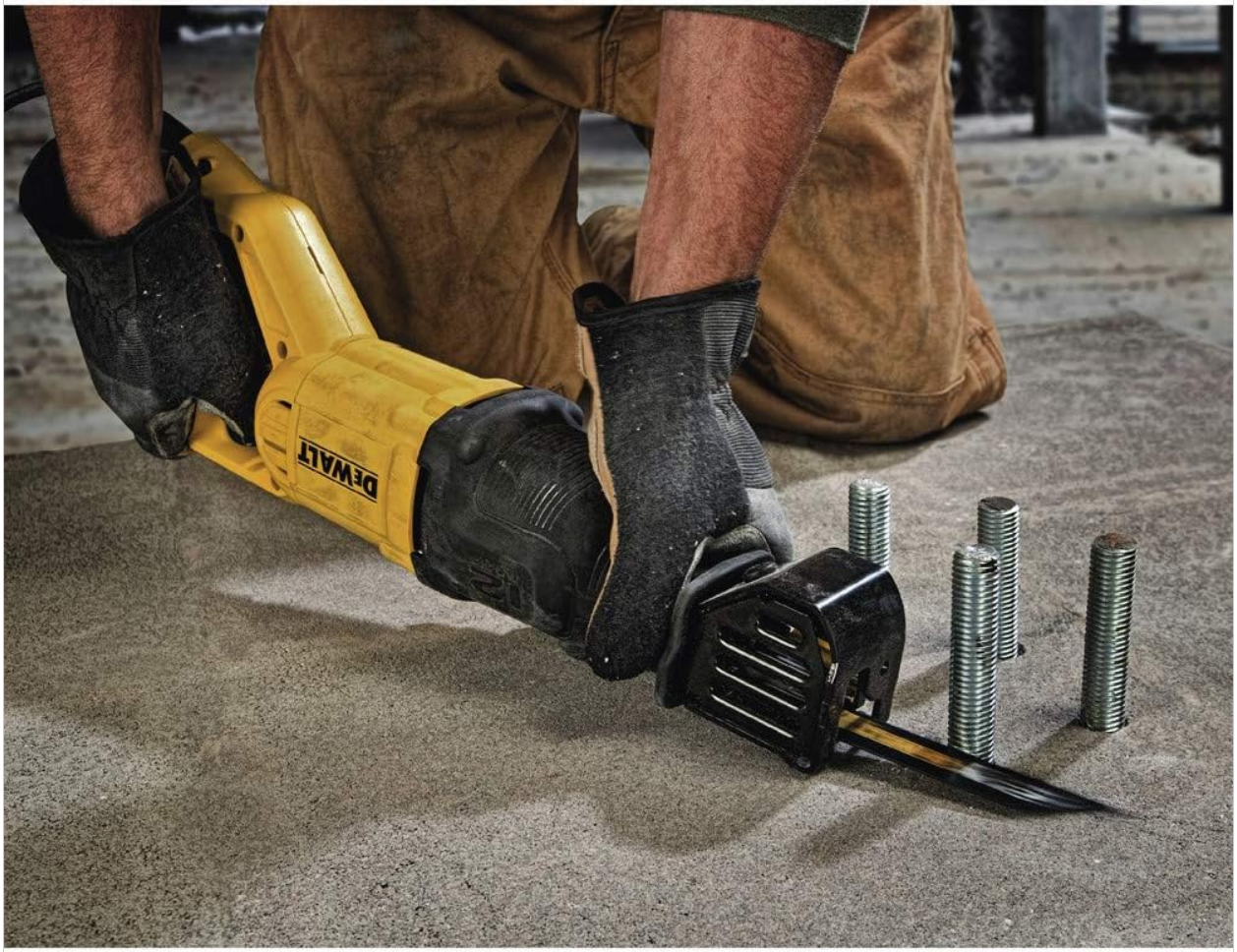


Image: A person using the DEWALT DWE305 reciprocating saw to cut multiple metal rods protruding from a concrete surface, showcasing its capability with tougher materials.



Image: A person using the DEWALT DWE305 reciprocating saw to cut an overhead metal pipe, illustrating the tool's versatility for various angles and positions.



Image: A person demonstrating a flush cut with the DEWALT DWE305 reciprocating saw, cutting a piece of wood flush with a vertical wooden frame.



Image: A person using the DEWALT DWE305 reciprocating saw to cut through metal ductwork, highlighting its application in HVAC or demolition tasks.

## MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tool.

- **Cleaning:** Keep the tool's ventilation openings clean and free of debris. Use a clean, dry cloth to wipe down the exterior. Do not use solvents or harsh chemicals.
- **Blade Care:** Always use sharp, undamaged blades. Dull or bent blades can cause kickback and reduce cutting efficiency. Replace blades as needed.
- **Cord Inspection:** Regularly inspect the power cord for any signs of damage, cuts, or fraying. If damaged, have it repaired by a qualified service technician.
- **Lubrication:** This tool is factory lubricated and does not require additional lubrication under normal use.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start	No power supply; Damaged cord/plug; Faulty switch	Check power outlet; Inspect cord/plug for damage; Contact service center if switch is faulty.
Blade not cutting effectively	Dull or incorrect blade; Blade not properly secured; Overheating	Replace with a sharp, appropriate blade; Ensure blade is fully seated and clamped; Allow tool to cool down.
Excessive vibration	Bent or damaged blade; Loose components	Replace blade; Check for loose screws and tighten if necessary.

## SPECIFICATIONS

**Brand:** DEWALT

**Model Number:** DWE305

**Power Source:** Corded Electric

**Current Rating:** 12 Amps

**Voltage:** 120 Volts

**Wattage:** 1100 watts

**Speed:** 0-2,900 Strokes Per Minute (SPM)

**Stroke Length:** 1-1/8 inches

**Blade Clamp:** Keyless, Lever-Action 4-Position

**Item Weight:** 7.96 Pounds

**Item Dimensions (L x W x H):** 19.38" x 7.13" x 4"

**Handle Material:** Plastic

**Surface Recommendation:** Wood, Metal

## WARRANTY & SUPPORT

This DEWALT DWE305 Reciprocating Saw comes with a **3-year limited warranty**. For detailed warranty information, please refer to the official DEWALT warranty statement included with your product or visit the official DEWALT website.

For technical assistance, service, or to locate a service center, please contact DEWALT customer support.

Keep your purchase receipt as proof of purchase for warranty claims.

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