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DEWALT DW4809

DEWALT DW4809 Reciprocating Saw Blades Instruction Manual

Model: DW4809 | Brand: DEWALT

1. Product Overview

The DEWALT DW4809 8-inch 14 TPI Straight Back Bi-Metal Reciprocating Saw Blades are designed for efficient cutting across various materials, particularly heavy-gauge metal, hard rubber, fiberglass, and angle iron. These blades can also be used for cutting wood, plastic, and drywall. The 14 TPI (Teeth Per Inch) design provides a balance between cutting speed and finish quality.

Key Features:

- **Durable Blade Design:** Bi-metal construction with reinforced teeth delivers blade flexibility and a long-lasting cutting edge, minimizing breaks.
- **Fast Cutting:** Patented tooth design utilizes sharper tooth geometry for faster cut rates, and aggressive shank angle increases tooth contact for consistent speed.
- **Reduced Friction:** Specially formulated anti-stick coating minimizes friction and gum-up for smoother cuts.
- **Versatile Application:** Suitable for heavy-gauge metal, hard rubber, fiberglass, angle iron, wood, plastic, and drywall.
- **Universal Fit:** This all-purpose blade is designed to fit all brands of reciprocating saws.

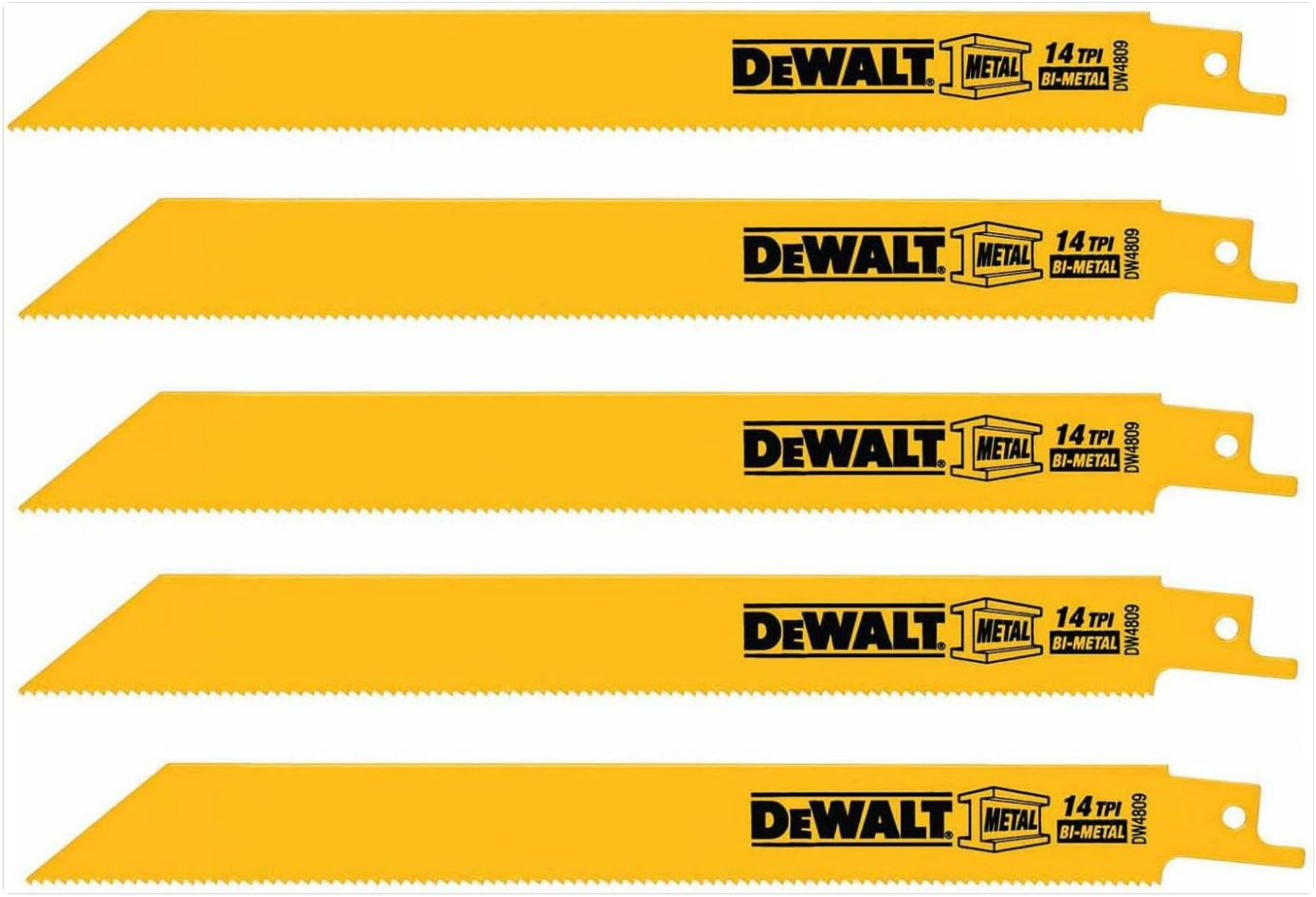


Figure 1: DEWALT DW4809 Reciprocating Saw Blades (5-pack).

2. Setup

Before installing the blade, ensure your reciprocating saw is unplugged or its battery is removed to prevent accidental activation. Always wear appropriate personal protective equipment, including safety glasses and gloves.

Blade Installation:

1. Locate the blade clamp mechanism on your reciprocating saw. This mechanism varies by saw model, but typically involves a lever, button, or twist collar.
2. Open or release the blade clamp according to your saw's instructions.
3. Insert the shank of the DW4809 blade fully into the blade clamp. Ensure the blade is seated securely and cannot be easily pulled out.
4. Close or engage the blade clamp to lock the blade in place.
5. Gently pull on the blade to confirm it is firmly secured before operating the saw.

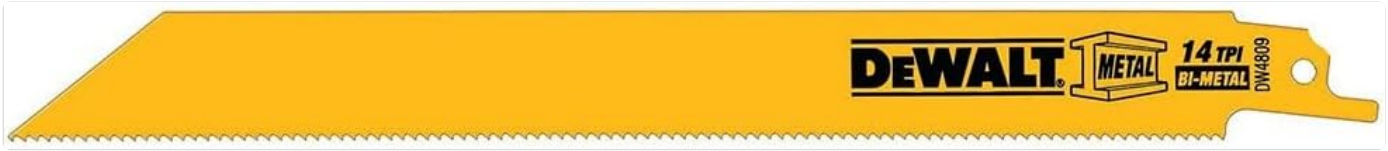


Figure 2: Detail of a single DEWALT DW4809 blade, showing the 14 TPI design.

3. Operating Instructions

Always refer to your reciprocating saw's user manual for specific operating procedures and safety guidelines. The DW4809 blades are designed for cutting various materials, but proper technique is crucial for safety and optimal performance.

General Cutting Tips:

- **Secure Workpiece:** Always clamp or secure the material you are cutting to prevent movement during operation.
- **Start Slowly:** Begin cutting at a slower speed to allow the blade to bite into the material, then increase speed as needed.
- **Apply Consistent Pressure:** Let the saw do the work. Avoid excessive force, which can bend or break the blade.
- **Cooling:** For prolonged cuts in metal, consider using cutting fluid to reduce heat buildup and extend blade life.
- **Blade Selection:** While the DW4809 is versatile, always choose the appropriate blade for the specific material and thickness to be cut.

Safety Precautions:

- Always wear safety glasses, hearing protection, and gloves.
- Keep hands and body clear of the blade's path.
- Ensure adequate ventilation, especially when cutting materials that produce dust or fumes.
- Do not operate the saw if the blade is dull, bent, or damaged. Replace immediately.

4. Maintenance

Proper maintenance of your saw blades ensures optimal performance and extends their lifespan. While reciprocating saw blades are consumables, good practices can maximize their utility.

- **Cleaning:** After use, clean any debris, sawdust, or metal shavings from the blade using a brush or compressed air.
- **Storage:** Store blades in a dry environment to prevent rust. The original packaging or a dedicated blade case is recommended.
- **Inspection:** Regularly inspect blades for signs of wear, such as dull teeth, bends, or cracks. A dull blade will cut slowly and generate excessive heat.
- **Replacement:** Replace blades when they become dull or damaged. Attempting to use worn blades can lead to poor cuts, increased effort, and potential safety hazards.





Figure 3: DEWALT DW4809 5-pack packaging (front).

5. Troubleshooting

Most issues related to reciprocating saw blades stem from improper usage or a worn blade. Here are common problems and their solutions:

Problem	Possible Cause	Solution
Slow Cutting / Excessive Effort	Dull or worn blade. Incorrect blade for material. Insufficient pressure.	Replace blade. Ensure blade TPI matches material. Apply consistent, moderate pressure.
Blade Bending / Breaking	Excessive force. Blade not fully seated. Cutting too fast. Material not secured.	Reduce force. Re-seat blade. Adjust cutting speed. Secure workpiece firmly.

Problem	Possible Cause	Solution
Blade Overheating / Smoking	Dull blade. Cutting too fast. Lack of lubrication (for metal).	Replace blade. Reduce cutting speed. Use cutting fluid for metal applications.

6. Specifications

Attribute	Detail
Brand	DEWALT
Model Number	DW4809
Blade Length	8 inches (7.99"L x 1.5"W)
Teeth Per Inch (TPI)	14
Material	Bi-Metal (Blend)
Compatible Materials	Metal, Hard Rubber, Fiberglass, Angle Iron, Wood, Plastic, Drywall
Style	Straight Back, Industrial
Item Weight	4.2 ounces (for single blade)
UPC	028874048096





Figure 4: DEWALT DW4809 5-pack packaging (back) with specifications and warnings.

7. Warranty and Support

DEWALT products are known for their durability and quality. For specific warranty information regarding your DW4809 reciprocating saw blades, please refer to the official DEWALT website or contact DEWALT customer support directly. As consumable items, blades typically have limited warranty coverage against manufacturing defects.

For further assistance or technical support, please visit the official DEWALT website or contact their customer service line. Always ensure you are using genuine DEWALT accessories for optimal performance and safety.

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