

2075CR-B-GE

# Generic 20V Cordless Brushless Reciprocating Saw User Manual

Model: 2075CR-B-GE

## IMPORTANT SAFETY INSTRUCTIONS

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**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. Save all warnings and instructions for future reference.

- Always wear eye protection and hearing protection when operating the saw.
- Ensure the workpiece is securely clamped or held before cutting.
- Keep hands away from the cutting area and the blade.
- Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool.
- Use only blades designed for reciprocating saws and appropriate for the material being cut.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Maintain proper footing and balance at all times.

## PRODUCT OVERVIEW

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The Generic 20V Cordless Brushless Reciprocating Saw is designed for efficient cutting of various materials, including wood and metal. Its brushless motor provides extended runtime and tool life. Key features include a keyless blade change mechanism, an adjustable pivoting shoe, and impact-resistant housing.



**Figure 1:** Front view of the Generic 20V Cordless Brushless Reciprocating Saw. This image shows the overall design of the saw, highlighting the brushless motor housing and the ergonomic handle.

## Key Features:

- **Brushless Motor:** Provides increased efficiency, longer runtime, and extended tool life.
- **Keyless Blade Change:** Allows for quick and easy blade replacement without additional tools.
- **Adjustable Pivoting Shoe:** Enhances control and optimizes blade use across various cutting applications.
- **Impact-Resistant Housing:** Protects the tool from accidental drops and impacts.
- **Reduced Vibration:** Tool design minimizes vibration by 25% for improved user comfort and control.
- **Metal Gearing:** Ensures long-term durability and reliability.

## SETUP

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### 1. Battery Installation (Battery Not Included)

1. Ensure the saw is turned off and the trigger is locked.
2. Align the 20V battery pack (sold separately) with the battery port at the base of the saw handle.
3. Slide the battery pack into the port until it clicks securely into place.
4. To remove, press the battery release button and slide the battery pack out.

### 2. Blade Installation and Removal



**Figure 2:** Close-up view of the keyless blade change mechanism. This image illustrates the lever used to open and close the blade clamp for quick blade installation or removal.

1. **Ensure the battery pack is removed** from the saw before installing or removing a blade.
2. Locate the blade clamp lever on the front of the saw.
3. Rotate the blade clamp lever counter-clockwise to open the blade clamp jaws.
4. Insert the shank of the reciprocating saw blade fully into the blade clamp opening.
5. Rotate the blade clamp lever clockwise to securely close the clamp jaws. Tug gently on the blade to ensure it is firmly seated.
6. To remove the blade, reverse the process: rotate the lever counter-clockwise, pull the blade out, and then release the lever.

## OPERATING INSTRUCTIONS

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### 1. Powering On/Off

- To turn on the saw, depress the trigger switch. The saw will begin to operate.
- To turn off the saw, release the trigger switch.
- For continuous operation, some models may feature a lock-on button. Consult your specific model's features.

### 2. Adjusting the Pivoting Shoe



**Figure 3:** Side view of the reciprocating saw, showing the adjustable pivoting shoe. This image highlights how the shoe can be positioned against the workpiece for stability and control during cutting.

The pivoting shoe can be adjusted to provide better control and extend blade life by utilizing different sections of the blade. To adjust:

1. Ensure the saw is off and the battery is removed.
2. The shoe pivots freely. Position it against the workpiece to achieve the desired cutting depth and stability.
3. The shoe will automatically adjust its angle during operation to maintain contact with the workpiece.

### 3. Cutting Techniques

- **General Cutting:** Place the shoe firmly against the workpiece. Start the saw before the blade contacts the material. Maintain a firm grip and guide the saw through the cut with steady pressure.
- **Plunge Cutting (Wood Only):** For plunge cuts in wood, tilt the saw forward so the shoe rests on the workpiece and the blade tip is clear. Start the saw, then slowly pivot the saw downward until the blade penetrates the material.
- **Metal Cutting:** Use a fine-tooth metal-cutting blade. Apply cutting fluid to prolong blade life and improve cutting performance. Maintain moderate pressure and allow the saw to do the work.
- **Avoid Overloading:** Do not force the saw. If the motor slows down significantly, reduce pressure.

## MAINTENANCE

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

- **Cleaning:** After each use, clean the saw with a soft, damp cloth. Remove any sawdust or debris from the ventilation openings and blade clamp area. Do not use harsh chemicals or abrasive cleaners.
- **Blade Inspection:** Regularly inspect blades for sharpness and damage. Replace dull or damaged blades promptly.
- **Lubrication:** The internal components are factory-lubricated and do not require additional lubrication.
- **Storage:** Store the saw in a dry, secure location out of reach of children. Ensure the battery is removed before storage.
- **Cordless Reciprocating Saw:**



**Figure 4:** Rear view of the cordless reciprocating saw, showing the battery port and handle design. This image provides a perspective of the tool's rear, useful for understanding battery insertion and overall balance.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start	Battery not installed correctly or discharged. Trigger lock engaged.	Ensure battery is fully charged and properly seated. Check if the trigger lock is disengaged.
Blade not cutting efficiently	Dull or incorrect blade for material. Excessive pressure.	Replace with a sharp, appropriate blade. Reduce cutting pressure.
Excessive vibration	Loose blade. Damaged blade.	Ensure blade is securely clamped. Replace damaged blade.
Saw stops during operation	Overload protection activated. Battery discharged.	Reduce load on the saw. Allow motor to cool. Recharge battery.

## SPECIFICATIONS

Feature	Detail
Model Number	2075CR-B-GE
Voltage	20 Volts
Motor Type	Brushless
Strokes Per Minute (SPM)	Up to 3000 SPM
Stroke Length	1-1/8 inches
Blade Material	Stainless Steel (typical for included blade, varies by accessory)
Surface Recommendation	Wood and Metal
Product Dimensions	17.5"L x 3"W x 6"H
Item Weight	7 Pounds
Special Features	Keyless Blade Change, Lightweight, Adjustable Pivoting Shoe

## WARRANTY INFORMATION

This Generic 20V Cordless Brushless Reciprocating Saw comes with a **Limited Warranty**. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration. The warranty typically covers defects in materials and workmanship under normal use.

For warranty claims or detailed information, please retain your proof of purchase and contact the manufacturer's customer service.

## CUSTOMER SUPPORT

If you have any questions, require assistance, or need to report an issue with your Generic 20V Cordless Brushless Reciprocating Saw, please contact our customer support team.

### Contact Information:

**Website:** [www.example.com/support](http://www.example.com/support) (Placeholder - please refer to product packaging for actual support details)

**Email:** [support@example.com](mailto:support@example.com) (Placeholder)

**Phone:** 1-800-XXX-XXXX (Placeholder)

Please have your model number (2075CR-B-GE) and purchase date available when contacting support.

