

## Makita DJR183Z

# Makita DJR183Z 18V LXT Cordless Reciprocating Saw

## Instruction Manual

### 1. PRODUCT OVERVIEW

The Makita DJR183Z is an 18V LXT Cordless Reciprocating Saw designed for efficient cutting in various materials. This tool is powered by an 18V Li-ion LXT slide-type battery (not included) and offers variable speed control, delivering up to 3,000 strokes per minute. Its compact and lightweight design makes it suitable for working in confined spaces and for quick, precise cuts.

#### Key Features:

- **Tool-less Blade Clamp:** Allows for quick and easy blade changes without additional tools.
- **LED Job Light:** Illuminates the cutting area for improved visibility.
- **Shoe Adjustment:** Adjustable shoe for enhanced stability and control during cutting.
- **Two Switch Levers with Variable Speed Control:** Provides flexibility in operation with both a trigger switch on the handle and a paddle switch on the tool body, enabling precise speed adjustments.
- **Cutting Capacity:** Capable of cutting up to 50mm in wood and 50mm in mild steel pipe.



Figure 1: Makita DJR183Z 18V LXT Cordless Reciprocating Saw, showing the tool's overall design with a blade inserted.

## 2. SETUP AND ASSEMBLY

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### 2.1 Battery Installation and Removal

1. **To Install:** Align the battery pack with the grooves in the tool's battery housing. Slide the battery into place until it locks with a click. Ensure it is securely fastened.
2. **To Remove:** Press the release button on the battery pack and slide the battery out of the tool.

*Note: This tool is sold as a bare tool; battery and charger are not included.*

### 2.2 Blade Installation and Removal

The DJR183Z features a tool-less blade clamp for quick and easy blade changes.

1. **To Install:**
  - a. Rotate the blade clamp lever counter-clockwise to open the blade clamp.
  - b. Insert the shank of the reciprocating saw blade fully into the blade holder. Ensure the blade teeth are facing the correct direction for cutting.
  - c. Release the blade clamp lever. It should snap back into place, securing the blade. Gently pull on the blade to confirm it is locked.
2. **To Remove:**
  - a. Rotate the blade clamp lever counter-clockwise to open the blade clamp.
  - b. Pull the blade out of the holder.
  - c. Release the blade clamp lever.



Figure 2: Side view of the Makita DJR183Z, highlighting the blade and front shoe.

### 3. OPERATING INSTRUCTIONS

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#### 3.1 Powering On/Off and Speed Control

The saw features two switch levers for operation and variable speed control:

- **Trigger Switch (on handle):** Squeeze the trigger to start the saw. The speed increases as you apply more pressure. Release the trigger to stop.
- **Paddle Switch (on tool body):** This switch also controls the saw's operation and variable speed. It allows for comfortable operation in various grip positions.

Both switches offer variable speed control, allowing you to match the cutting speed to the material and application. Start with a slower speed for precise cuts or when beginning a cut, and increase as needed.

#### 3.2 LED Job Light

The integrated LED job light automatically illuminates when either switch lever is pressed, providing visibility in dimly lit work areas. It turns off shortly after the switch is released.

#### 3.3 Shoe Adjustment

The shoe at the front of the saw can be adjusted to control the depth of cut and provide stability. Refer to the detailed diagrams in the full manual for specific adjustment mechanisms. Ensure the shoe is firmly against the workpiece during operation to minimize vibration and improve cutting accuracy.



Figure 3: Angled view of the Makita DJR183Z, illustrating the ergonomic handle design.

## 4. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the lifespan of your Makita DJR183Z reciprocating saw.

- **Cleaning:** After each use, clean the tool body with a soft, dry cloth. Remove any sawdust, debris, or metal shavings from the ventilation openings and the blade clamp area. Do not use harsh chemicals or abrasive cleaners.
- **Blade Care:** Inspect blades for sharpness and damage before each use. Replace dull or damaged blades immediately to ensure efficient and safe cutting. Store blades properly to prevent rust and damage.
- **Battery and Charger:** Follow the instructions provided with your Makita 18V LXT batteries and charger for proper charging, storage, and maintenance.
- **Lubrication:** The tool's internal mechanisms are factory-lubricated and generally do not require additional user lubrication. If you notice unusual noise or reduced performance, consult a qualified service technician.
- **Inspection:** Periodically check all screws and fasteners for tightness. Ensure all moving parts operate smoothly.

*Always disconnect the battery pack before performing any maintenance or cleaning on the tool.*

## 5. TROUBLESHOOTING

If you encounter issues with your Makita DJR183Z, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Tool does not start	Battery not installed correctly or discharged.	Ensure battery is fully inserted and charged.
Reduced cutting performance	Dull or incorrect blade for material.	Replace with a sharp, appropriate blade.
Excessive vibration	Blade not properly secured or damaged.	Check blade clamp; replace blade if damaged. Ensure shoe is against workpiece.
LED light not working	Faulty LED or electrical issue.	If the tool operates otherwise, this may not affect function. Contact service if persistent.

If the problem persists after attempting these solutions, contact Makita customer service or an authorized service center.

## 6. SPECIFICATIONS

Specification	Detail
Model Number	DJR183Z
Brand	Makita
Power Source	18V LXT Li-ion Battery (not included)
Strokes Per Minute (SPM)	Up to 3,000
Cutting Capacity (Wood)	50mm
Cutting Capacity (Mild Steel Pipe)	50mm
Blade Material	High Speed Steel (compatible)
Item Weight	1.4 kg (3.08 lbs)
Product Dimensions	16.54"L x 3.74"W x 6.69"H
Included Components	Bare Tool (battery and charger sold separately)

## 7. WARRANTY AND SUPPORT

### 7.1 Manufacturer's Warranty

The Makita DJR183Z comes with a **1-year manufacturer warranty**. This warranty can be extended by an additional 2 years (totaling 3 years) when the product is registered within 30 days of purchase. Please note that this guarantee does not apply if non-genuine or non-recommended parts or accessories are fitted to the tool. The use of non-genuine or incompatible batteries and chargers with Makita tools will invalidate the Makita guarantee for the tools.

## 7.2 Customer Support

For technical assistance, service, or warranty claims, please contact Makita customer support or visit their official website. Ensure you have your product model number (DJR183Z) and proof of purchase available when seeking support.