Makita JR3070CT

Makita JR3070CT AVT® Recipro Saw - 15 AMP

MODEL: JR3070CT

Introduction

The Makita JR3070CT AVT® Recipro Saw is engineered to deliver superior power and performance with significantly less vibration. Equipped with Makita's exclusive Anti-Vibration Technology (AVT®), an internal counterbalance system, this tool ensures faster, more efficient cutting and enhanced user comfort. Its robust 15 AMP motor with electronic speed control maintains constant speed under load, making it a versatile tool for various demanding applications.

Safety Information

Always use eye protection when operating this tool.
Before operating the Makita JR3070CT, carefully read and understand all safety warnings and instructions provided in the complete user manual. Ensure the work area is clean and well-lit. Keep children and bystanders away while operating a power tool. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Always disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.

Setup

Blade Installation and Removal

The Makita JR3070CT features a convenient "tool-less" blade change system. To install a blade, simply push the blade into the chuck until it locks securely. To remove, twist the chuck to unlock and pull the blade out. Ensure the blade is fully seated and locked before operation.

Shoe Adjustment

The shoe adjustment is also "tool-less," allowing for quick and easy changes to optimize cutting depth and blade life. Adjust the shoe to the desired position by releasing the locking mechanism, sliding the shoe, and then re-engaging the lock.



Front view of the Makita JR3070CT Recipro Saw, highlighting the blade and shoe area for tool-less adjustments.

Operating Instructions

Power and Speed Control

The JR3070CT is powered by a 15 AMP motor with electronic speed control, maintaining constant speed even under heavy load. It features a variable speed dial with six different preset speeds (0-2,800 strokes per minute) to match the speed of the saw to the specific application and material. The large 2-finger trigger includes a lock-on button for extended use convenience.

Orbital Action

For faster cutting in wood and other soft materials, the saw offers orbital action with four selectable settings. This feature increases cutting efficiency by moving the blade in an elliptical motion.

Cutting Applications

This reciprocating saw is highly versatile and ideal for a wide range of cutting tasks, including:

- Wood cutting
- Metal cutting
- Drywall and plaster demolition
- Plastics
- General remodeling and demolition work



The Makita JR3070CT Recipro Saw being used to cut a metal pipe, demonstrating its capability for various materials.

Official product video demonstrating the features and performance of the Makita JR3070CT AVT Recipro Saw, including its powerful motor, electronic speed control, and Anti-Vibration Technology.

Maintenance

To ensure optimal performance and longevity of your Makita JR3070CT, regular maintenance is recommended:

- **Brush Replacement:** The tool features externally accessible brushes for easy maintenance. Check brushes regularly and replace them when they are worn down to the limit mark.
- **Cleaning:** Keep the tool's ventilation openings clean to prevent overheating. Regularly clean dust and debris from the tool body.
- **Storage:** Store the tool in a dry, secure place, out of reach of children. The included metal tool case provides excellent protection for storage and transport.

The durable body design, along with rubber and felt seals, helps keep dust and water out, contributing to a longer tool life.

Troubleshooting

While the Makita JR3070CT is designed for robust performance, here are some common considerations:

- **Blade Binding:** The unique clutch system is designed to disengage the gears if the blade binds, protecting the tool from damage and extending its life. If binding occurs, release the trigger, clear the obstruction, and ensure the blade is sharp and appropriate for the material.
- **Reduced Performance:** If the tool experiences reduced power or inconsistent speed, check the power supply connection. Ensure the correct blade is used for the material and that it is not dull or damaged. Worn carbon brushes can also lead to reduced performance and should be inspected.
- **Excessive Vibration:** While AVT significantly reduces vibration, excessive vibration might indicate a loose blade, a damaged blade, or an issue with the material being cut. Ensure the blade is securely installed and not bent.

For persistent issues not covered here, please refer to the full user manual or contact Makita customer support.

Specifications

Feature	Detail
Brand	Makita
Model Number	JR3070CT
Power Source	AC adapter
Voltage	15 Volts (AC)
Wattage	1510 watts
Current Rating	0.01 Amps
Item Weight	10.12 pounds (4.6 Kilograms)
Product Dimensions	26.5"L x 11.5"W x 4.75"H
Speed	2800 SPM (Strokes Per Minute)
Blade Length	4 Inches (typical, depends on blade)

Stroke Length	1-1/4"
Special Feature	Anti-Vibration Technology (AVT®), Variable Speed Control, Tool-less Blade Change, Tool-less Shoe Adjustment, Built-in Clutch
Included Components	Makita JR3070CT Recipro Saw, two blades, metal tool case
Material	Plastic (housing), High Speed Steel (blade)
Color	Green, Black

Warranty and Support

Warranty Information

Each Makita tool is warranted to be free of defects from workmanship and materials for the period of **ONE YEAR** from the date of original purchase. Should any trouble develop during this one-year period, return the COMPLETE tool, freight prepaid, to one of Makita's Factory or Authorized Service Centers.

Customer Support

For further assistance, technical support, or to locate an authorized service center, please contact Makita customer service:

- **Phone:** 800/4-MAKITA (800/462-5482)
- **Website:** makitatools.com

A detailed User Manual is also available for download: User Manual (PDF)

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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