

Cordless Recipro Saw



Machine: Cordless Recipro Saw

Make/Model: Makita XRJ05

Revised: 3 / 20 / 2023

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Location: Machine Shop

Department: Mechanical Engineering

DO NOT use this machine unless you have been trained in its safe use and operation!

Personal Protective Equipment



Safety Glasses
Required



Protective
Clothing



Caution
Cut Hazard



Caution
Hot Surface

Potential Hazards

- Eye injury from flying debris
- Cuts from contact with cutting tool or splinters
- Burn from hot workpiece or tool

Typical Operations

- Demolition
- Saw can cut through many types of materials such as wood, metal, PVC and nails

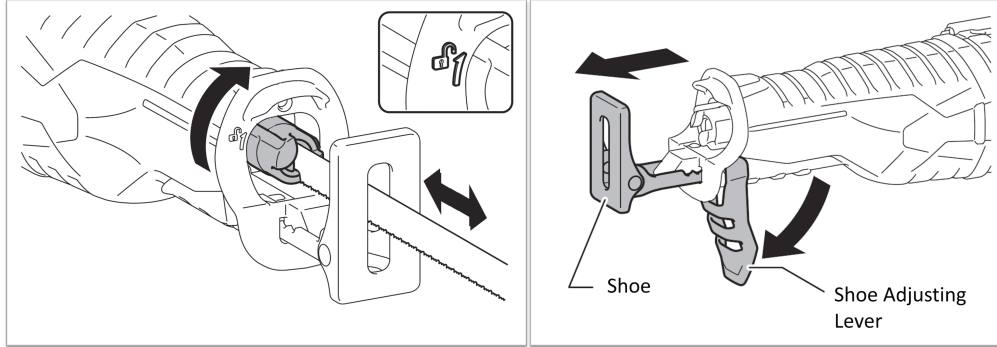
Strokes per minute	High Speed (2)	3000
	Low Speed (1)	2300

Max. cutting capacities	Pipe	5-1/8" 130 mm
	Wood	10" 255 mm

Procedure Checklist

PRE-Operation:

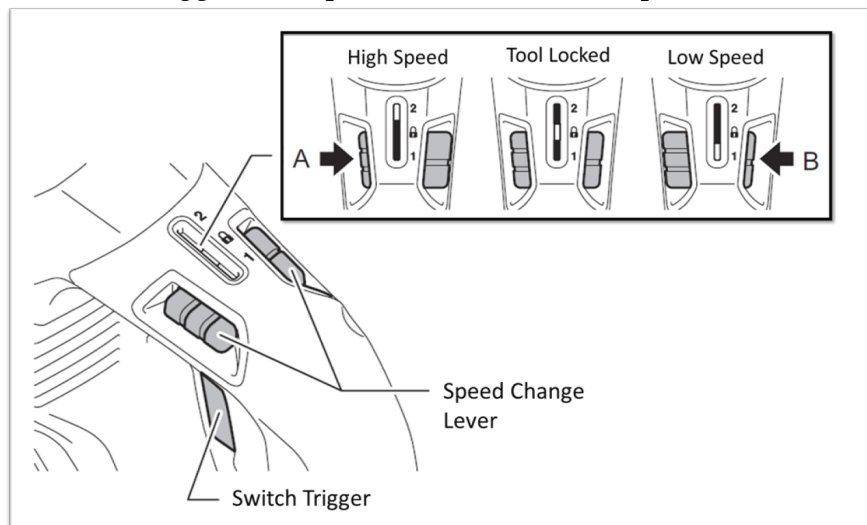
- Ensure the proper saw blade is installed for the planned operation.
 - Rotate the blade clamp lever in the direction of the arrow so that the blade clamp lever is in the released position.
 - Insert the proper reciprocating saw blade into the blade clamp as far as it will go. The blade clamp sleeve should rotate to fix the reciprocating saw blade in place.
 - ◇ Carefully pinch the sides of the blade and tug to make sure that the reciprocating saw blade cannot be extracted.
- Adjust the position of the shoe as necessary.



- Install battery cartridge by aligning the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click. If you can see the red indicator on the upper side of the button, it is not locked completely.

Operation:

- Hold the tool firmly with two hands.
- Press the shoe firmly against the workpiece and bring the saw blade into light contact with the workpiece.
- To start the tool, depress the lock/speed change lever from either A or B side. Tool speed:
- Start with a “pilot groove” by cutting using a slower speed.
- Increase tool speed by increasing pressure on the switch trigger to continue cutting.
- Release the switch trigger to stop, wait for blade to stop then withdraw the tool.



High Speed: depress speed change lever from A side
Low Speed: depress speed change lever from B side

POST-Operation:

- Use caution as parts maybe hot!
- Use a brush or rag to clean machine.
- Remove the battery cartridge by sliding it from the tool while sliding the button on the front of the cartridge. Place the battery on an open charging port.
- Wipe tool down with a clean rag and return the tool to its proper storage place.
- Leave the work area in a safe, clean state.

Do's and Don'ts

Do's:

- Read the user manual: [\[GitHub Link\]](#)
- Keep both hands on the tool.
- Ask for help if the saw blade looks damaged.
- Properly secure the workpiece.

Don'ts:

- Do not use the saw without approval!
- Do not change the saw blade without approval.