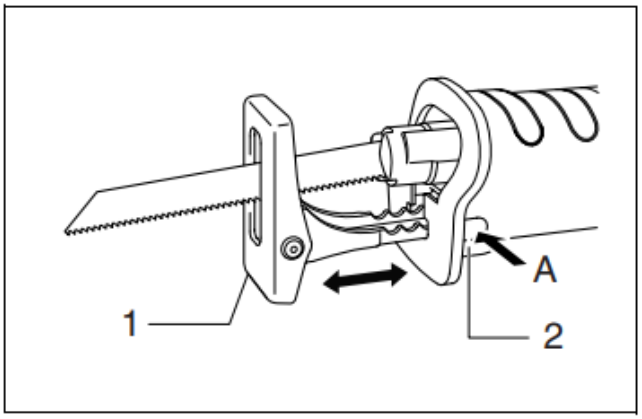
Makita Reciprocating Saw JR3050T

A multi purpose tool designed to cut metal, cast iron, steel piping, wood, plastic and much more – depending on the blade fitted.

User Benefits

- Double insulated
- Variable speed control
- Rubberised soft grip handle with anti-slip dimples
- LED job light for working in dark areas
- Blade changing requires no additional tools – push in lock system makes it easy to quickly change the blade

Machine Specifications		
Capacities	Pipe	13 mm
	Wood	36 mm
Length of stroke		28 mm
Strokes per minute		0 – 2800 min-1
Overall Length		452 mm
Voltage		110 V
Sound Pressure Level (LpA)		89 dB(A)
Sound Power Level (Lwa)		100 dB(A)
Vibration Emission (Cutting Boards)		15 m/s²
Vibration Emission (Cutting Wooden Beams)		20 m/s²
Weight		3.3 kg



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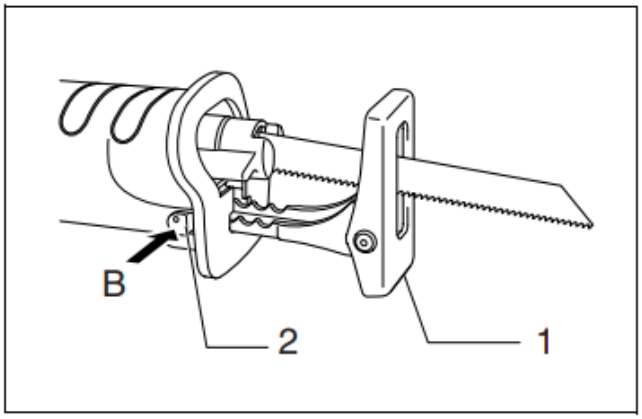

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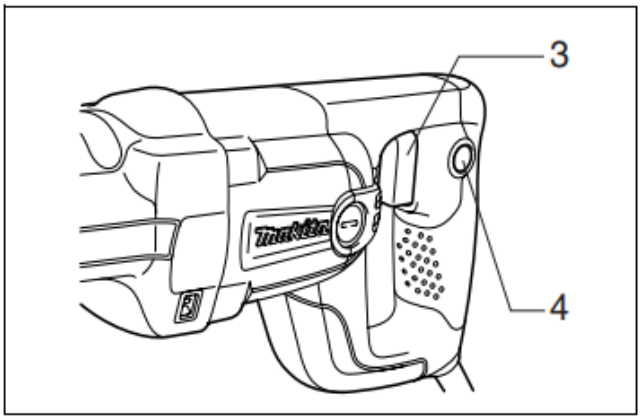

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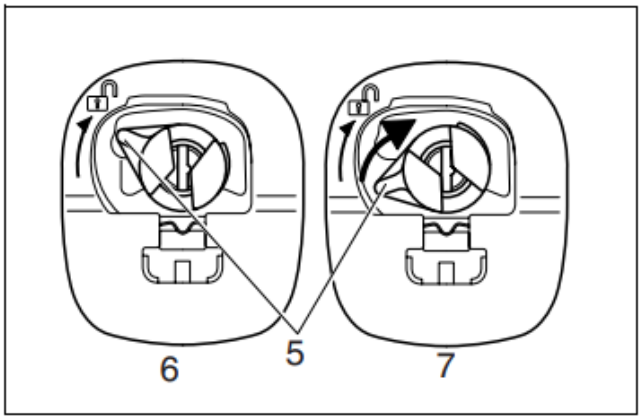

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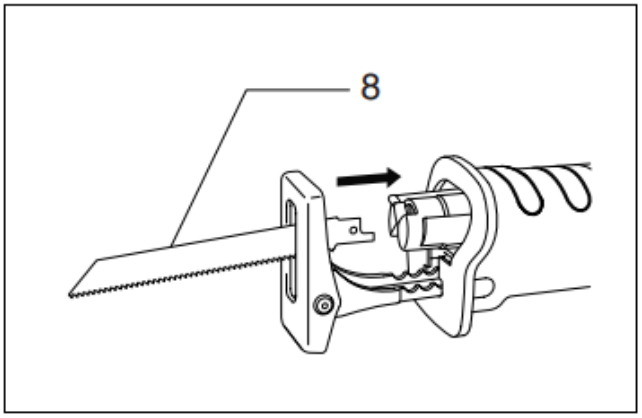

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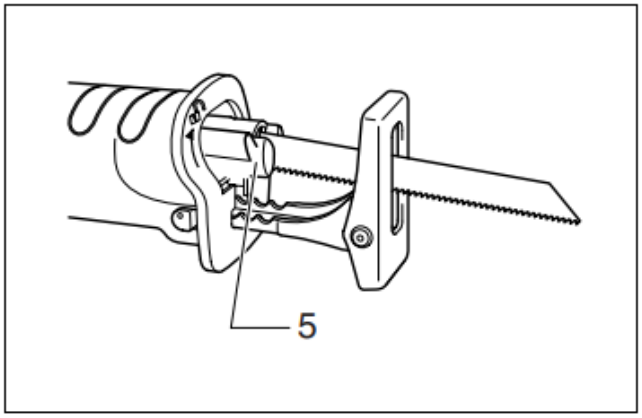

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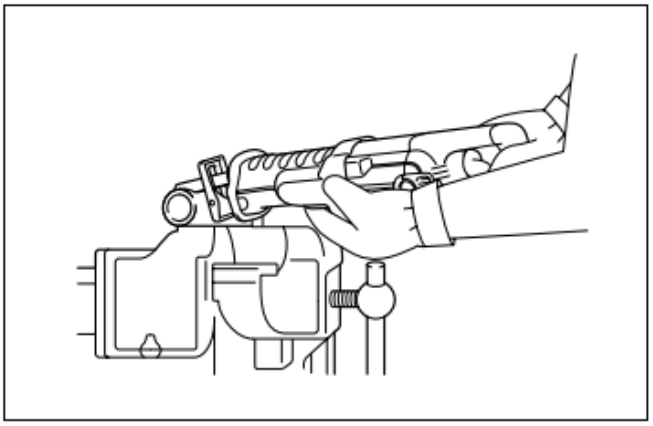

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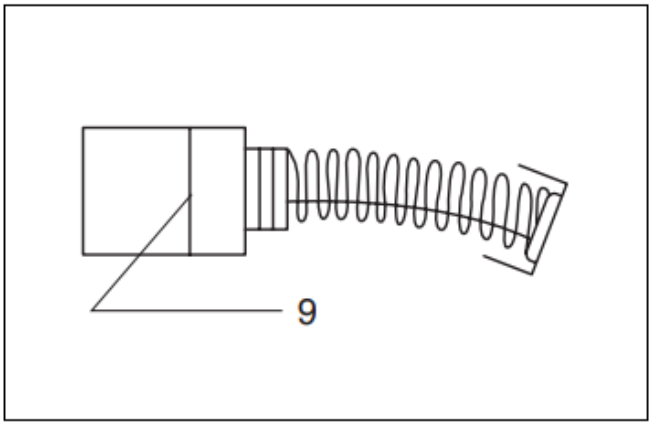

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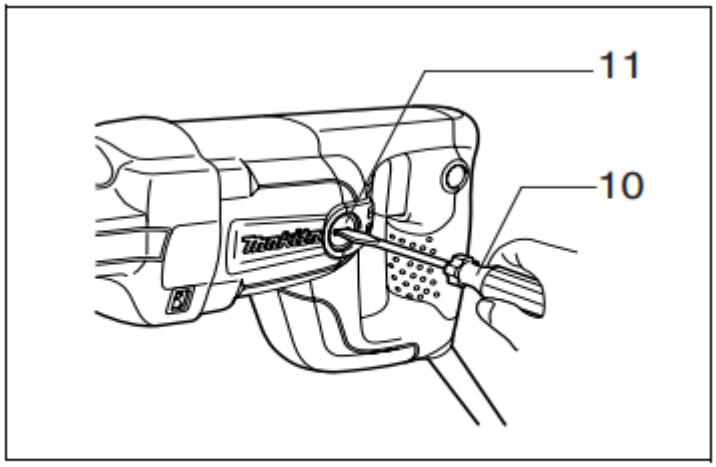

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ENGLISH (Original instructions)

Explanation of general view

1	Shoe	5	Blade clamp lever	9	Limit mark
2	Shoe button	6	Released position	10	Screwdriver
3	Switch trigger	7	Fixed position	11	Brush holder cap
4	Lock button	8	Blade		

Intended use
The tool is intended for sawing wood, plastic, metal and building materials with a strong impact. It is suitable for straight and curved cutting.

ENF002-2

Power supply
The tool should be connected only to a power supply of the same voltage as indicated on the nameplate, and can only be operated on single-phase AC supply. They are double-insulated and can, therefore, also be used from sockets without earth wire.

GEA010-1

General Power Tool Safety Warnings

⚠ **WARNING Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

GEB008-6

RECIPRO SAW SAFETY WARNINGS

1. **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
2. **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body leaves it unstable and may lead to loss of control.
3. **Always use safety glasses or goggles. Ordinary eye or sun glasses are NOT safety glasses.**
4. **Avoid cutting nails. Inspect workpiece for any nails and remove them before operation.**
5. **Do not cut oversize workpiece.**
6. **Check for the proper clearance beyond the workpiece before cutting so that the blade will not strike the floor, workbench, etc.**
7. **Hold the tool firmly.**
8. **Make sure the blade is not contacting the workpiece before the switch is turned on.**
9. **Keep hands away from moving parts.**
10. **Do not leave the tool running. Operate the tool only when hand-held.**
11. **Always switch off and wait for the blade to come to a complete stop before removing the blade from the workpiece.**
12. **Do not touch the blade or the workpiece immediately after operation; they may be extremely hot and could burn your skin.**
13. **Do not operate the tool at no-load unnecessarily.**
14. **Always use the correct dust mask/respirator for the material and application you are working with.**
15. **Some material contains chemicals which may be toxic. Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data.**

SAVE THESE INSTRUCTIONS.

WARNING:
DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product. MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

FUNCTIONAL DESCRIPTION

CAUTION:
- Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

Adjusting the shoe (Fig. 1 & 2)
When the blade loses its cutting efficiency in one place along its cutting edge, reposition the shoe to utilize a sharp, unused portion of its cutting edge. This will help to lengthen the life of the blade. To reposition the shoe, push the shoe button in the "A" direction with a click and reposition as shown in the figure which allows you to make five-way adjustment. To secure the shoe, push the shoe button in the "B" direction with a click.

Switch action (Fig. 3)
CAUTION:
- Before plugging in the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

To start the tool, simply pull the switch trigger. Tool speed is increased by increasing pressure on the switch trigger. Release the switch trigger to stop.

For continuous operation, pull the switch trigger and then push in the lock button.
To stop the tool from the locked position, pull the switch trigger fully, then release it.

ASSEMBLY

CAUTION:
- Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

Installing or removing saw blade

CAUTION:
- Always clean out all chips or foreign matter adhering to the blade, blade clamp and/or slider. Failure to do so may cause insufficient tightening of the blade, resulting in a serious injury.

To install the saw blade, always make sure that the blade clamp lever is in released position on the insulation cover before inserting the saw blade. If the blade clamp lever is in fixed position, rotate the blade clamp lever in the direction of the arrow so that it can be locked at the released position. **(Fig. 4)**

Insert the saw blade into the blade clamp as far as it will go. The blade clamp lever rotates and the saw blade is fixed. Make sure that the saw blade cannot be extracted even though you try to pull it out. **(Fig. 5)**

NOTE:
- If you do not insert the saw blade deep enough, the saw blade may be ejected unexpectedly during operation. This can be extremely dangerous.

If the lever is positioned inside the tool, switch on the tool just a second to let the blade out as shown in the figure. Switch off and unplug the tool from mains.
To remove the saw blade, rotate the blade clamp lever in the direction of the arrow fully. The saw blade is removed and the blade clamp lever is fixed at the released position. **(Fig. 6)**

NOTE:
- Keep hands and fingers away from the lever during the switching operation. Failure to do so may cause personal injuries.
- If you remove the saw blade without rotating the blade clamp lever fully, the lever may not be locked in the released position. In this case, rotate the blade clamp lever fully again, then make sure that the blade clamp lever locked at the released position.

Press the shoe firmly against the workpiece. Do not allow the tool to bounce. Bring the blade into light contact with the workpiece. First, make a pilot groove, using a slower speed. Then use a faster speed to continue cutting.

MAINTENANCE

CAUTION:
- Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.
- Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

Replacing carbon brushes (Fig. 8 & 9)

Remove and check the carbon brushes regularly. Replace when they wear down to the limit mark. Keep the carbon brushes clean and free to slip in the holders. Both carbon brushes should be replaced at the same time. Use only identical carbon brushes.
Use a screwdriver to remove the brush holder caps. Take out the worn carbon brushes, insert the new ones and secure the brush holder caps.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized Service Centers, always using Makita replacement parts.

OPTIONAL ACCESSORIES

CAUTION:
- These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding these accessories, ask your local Makita service center.

- Recipro saw blade
- Plastic carrying case

NOTE:
- Some items in the list may be included in the tool package as standard accessories. They may differ from country to country.

ENG905-1

Noise

The typical A-weighted noise level determined according to EN60745:

Sound pressure level (L_{pA}): 89 dB (A)
Sound power level (L_{WA}): 100 dB (A)
Uncertainty (K): 3 dB (A)

Wear ear protection

ENG900-1

Vibration

The vibration total value (tri-axial vector sum) determined according to EN60745:

Work mode: cutting boards
Vibration emission ($a_{h,B}$): 15.0 m/s²
Uncertainty (K): 2.0 m/s²

Work mode: cutting wooden beams
Vibration emission ($a_{h,WB}$): 20.0 m/s²
Uncertainty (K): 2.5 m/s²

ENG901-1

- The declared vibration emission value has been measured in accordance with the standard test method and may be used for comparing one tool with another.
- The declared vibration emission value may also be used in a preliminary assessment of exposure.

WARNING:

- The vibration emission during actual use of the power tool can differ from the declared emission value depending on the ways in which the tool is used.
- Be sure to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

ENH101-17

For European countries only

EC Declaration of Conformity

Makita declares that the following Machine(s):

Designation of Machine:
Recipro Saw
Model No./ Type: JR3050T

Conforms to the following European Directives:

2006/42/EC

They are manufactured in accordance with the following Standard or standardized documents:

EN60745

The Technical file in accordance with 2006/42/EC is available from:

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31.12.2013

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