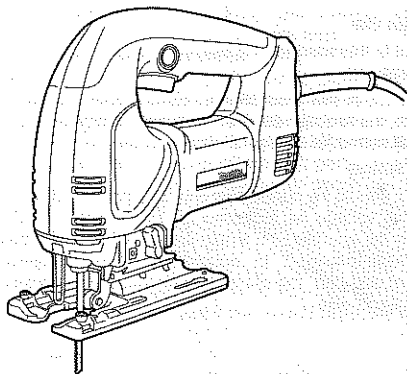


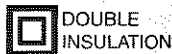


# Jig Saw

MODEL 4340T  
MODEL 4340CT  
MODEL 4340FCT



001905



DOUBLE  
INSULATION

## INSTRUCTION MANUAL

**⚠ WARNING:**

For your personal safety, READ and UNDERSTAND before using.  
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

# SPECIFICATIONS

Model	4340T	4340CT	4340FCT
Length of stroke	26 mm	26 mm	26 mm
Max. cutting capacities	Wood	135 mm	135 mm
	Steel	10 mm	10 mm
Strokes per minute (min <sup>-1</sup> )	2.800	800 - 2.800	800 - 2.800
Overall length	236 mm	236 mm	236 mm
Net weight	2,4 kg	2,4 kg	2,4 kg
Safety class	II / III		

\* For European countries


\* Due to our continuing programme of research and development, the specifications herein are subject to change without notice.

\* Note: Specifications may differ from country to country.

## SYMBOLS

The following show the symbols used for the tool. Be sure that you understand their meaning before use.

 ..... Read instruction manual.

 ..... DOUBLE INSULATION

## Intended use

The tool is intended for the sawing of wood, plastic and metal materials.

As a result of the extensive accessory and saw blade program, the tool can be used for many purposes and is very well suited for curved or circular cuts.

## 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 in accordance with European Standard and can, therefore, also be used from sockets without earth wire.

## For European countries only

### Noise and Vibration

The typical A-weighted sound pressure level is 85 dB (A).

The noise level under working may exceed 85 dB (A).

– Wear ear protection. –

The typical weighted root mean square acceleration value is 7 m/s<sup>2</sup>.

### EC-DECLARATION OF CONFORMITY

We declare under our sole responsibility that this product is in compliance with the following standards of standardized documents: HD400, EN50144, EN65014, EN61000 in accordance with Council Directives, 73/23/EEC, 89/336/EEC, 90/37/EC.

Yasuhiko Kanazaki CE 2002



Director

MAKITA INTERNATIONAL EUROPE LTD.

Michigan Drive, Tongwell, Milton Keynes, Bucks MK15 8JD, ENGLAND

# SAFETY INSTRUCTIONS

ENA001-2

## ⚠ WARNING:

When using electric tools, basic safety precautions, including the following, should always be followed to reduce the risk of fire, electric shock and personal injury. Read all these instructions before operating this product and save these instructions.

### For safe operations:

1. **Keep work area clean.**  
Cluttered areas and benches invite injuries.
2. **Consider work area environment.**  
Do not expose power tools to rain. Do not use power tools in damp or wet locations. Keep work area well lit. Do not use power tools where there is risk to cause fire or explosion.
3. **Guard against electric shock.**  
Avoid body contact with earthed or grounded surfaces (e.g. pipes, radiators, ranges, refrigerators).  
**Keep children away.**  
All visitors should be kept away from work area.
4. **Store idle tools.**  
When not in use, tools should be stored in a dry, high or locked up place, out of reach of children.  
**Do not force the tool.**  
It will do the job better and safer at the rate for which it was intended.
5. **Use the right tool.**  
Do not force small tools or attachments to do the job of a heavy duty tool. Do not use tools for purposes not intended; for example, do not use circular saws to cut tree limbs or logs.
6. **Dress properly.**  
Do not wear loose clothing or jewellery, they can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protecting hair covering to contain long hair.
7. **Use safety glasses and hearing protection.**  
Also use face or dust mask if the cutting operation is dusty.
8. **Connect dust extraction equipment.**  
If devices are provided for the connection of dust extraction and collection facilities ensure these are connected and properly used.
9. **Do not abuse the cord.**  
Never carry the tool by the cord or yank it to disconnect it from the socket. Keep the cord away from heat, oil and sharp edges.
10. **Secure work.**  
Use clamps or a vice to hold the work. It is safer than using your hand and it frees both hands to operate the tool.
11. **Do not overreach.**  
Keep proper footing and balance at all times.
12. **Maintain tools with care.**  
Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubrication and changing accessories. Inspect tool cord periodically and if damaged have it repaired by an authorized service facility. Inspect extension cords periodically and replace, if damaged. Keep handles dry, clean and free from oil and grease.
13. **Disconnect tools.**  
When not in use, before servicing and when changing accessories such as blades, bits and cutters.
14. **Remove adjusting keys and wrenches.**  
Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.
15. **Avoid unintentional starting.**  
Do not carry a plugged-in tool with a finger on the switch. Ensure switch is off when plugging in.
16. **Use outdoor extension leads.**  
When tool is used outdoors, use only extension cords intended for outdoor use.
17. **Stay alert.**  
Watch what you are doing. Use common sense. Do not operate tool when you are tired.
18. **Check damaged parts.**  
Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, free running of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorized service facility. Do not use the tool if the switch does not turn it on and off.
19. **Warning.**  
The use of any accessory or attachment other than those recommended in this instruction manual or the catalog, may present a risk of personal injury.
20. **Have your tool repaired by a qualified person.**  
This electric tool is in accordance with the relevant safety requirements. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.

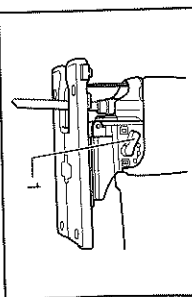
## ADDITIONAL SAFETY RULES

ENB062-1

1. Hold tool by insulated gripping surfaces when performing an operation where the cutting tools may contact hidden wiring or its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.
2. Avoid cutting nails. Inspect workpiece for any nails and remove them before operation.
3. Do not cut hollow pipe.
4. Do not cut oversize workpiece.
5. Check for the proper clearance beyond the workpiece before cutting so that the blade will not strike the floor, workbench, etc.
6. Hold the tool firmly.
7. Make sure the blade is not contacting the workpiece before the switch is turned on.
8. Keep hands away from moving parts.
9. Do not leave the tool running. Operate the tool only when hand-held.
10. Always switch off and wait for the blade to come to a complete stop before removing the blade from the workpiece.
11. Do not touch the blade or the workpiece immediately after operation; they may be extremely hot and could burn your skin.

## SAVE THESE INSTRUCTIONS

## FUNCTIONAL DESCRIPTION



001906

1. Cutting action changing lever

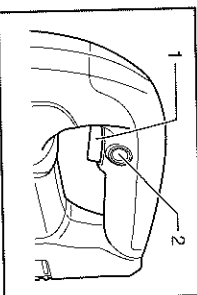
- **CAUTION:** Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

### Selecting the cutting action

This tool can be operated with an orbital or a straight line (up and down) cutting action. The orbital cutting action thrusts the blade forward on the cutting stroke and greatly increases cutting speed. To change the cutting action, just turn the cutting action changing lever to the desired cutting action position. Refer to the table below to select the cutting action.

Position	Cutting action	Applications
0	Straight line cutting action	For cutting mild steel, stainless steel and plastics. For clean cuts in wood and plywood.
I	Small orbit cutting action	For cutting mild steel, aluminum and hard wood.
II	Medium orbit cutting action	For cutting wood and plywood. For fast cutting in aluminum and mild steel.
III	Large orbit cutting action	For fast cutting in wood and plywood.

001955

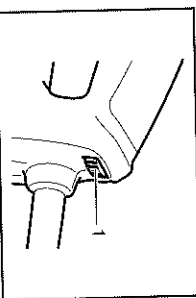


001907

1. Switch trigger  
2. Lock button

### Switch action

- **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. 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.



001908

1. Speed adjusting dial

### Speed adjusting dial

#### For 4340CT, 4340FT

The tool speed can be infinitely adjusted between 800 and 2,800 strokes per minute by turning the adjusting dial. Higher speed is obtained when the dial is turned in the direction of number 5; lower speed is obtained when it is turned in the direction of number 1.

Refer to the table to select the proper speed for the workpiece to be cut. However, the appropriate speed may differ with the type or thickness of the workpiece. In general, higher speeds will allow you to cut workpieces faster but the service life of the blade will be reduced.

Workpiece to be cut	Number on adjusting dial
Wood	4 - 5
Mild steel	3 - 5
Stainless steel	3 - 4
Aluminum	3 - 5
Plastics	1 - 4

0011956

**CAUTION:**

- The speed adjusting dial can be turned only as far as 5 and back to 1. Do not force it past 5 or 1, or the speed adjusting function may no longer work.

The tools equipped with electronic function are easy to operate because of the following features:

**Constant speed control**

Electronic speed control for obtaining constant speed. Possible to get fine finish, because the rotating speed is kept constant even under load condition.

**Soft start feature**

Safety and soft start because of suppressed starting shock.

**Lighting up the lamps**

For 4340FACT only

**CAUTION:**

- Do not look in the light or see the source of light directly. To turn on the lamp, pull the trigger. Release the trigger to turn it off.

**NOTE:**

- Use a dry cloth to wipe the dirt off the lens of lamp. Be careful not to scratch the lens of lamp, or it may lower the illumination.

**CAUTION:**

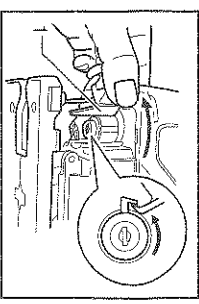
- Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

**Installing or removing saw blade**

**CAUTION:**

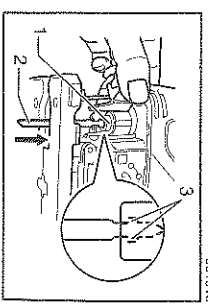
- Always clean out all chips or foreign matter adhering to the blade and/or blade holder. Failure to do so may cause insufficient tightening of the blade, resulting in a serious injury.
- Do not touch the blade or the workpiece immediately after operation; they may be extremely hot and could burn your skin.
- Tighten the saw blade securely. Failure to do so may cause a serious injury.
- When you remove the saw blade, be careful not to hurt your fingers with the top of the blade or the lips of workpiece.

To install the blade, open the tool opener to the position shown in the figure.



0011909

1. Tool opener



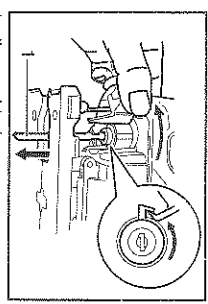
0011910

- Blade clamp
- Jig saw blade
- Protrusions

Keeping that situation, insert the saw blade into the blade clamp as far as the two protrusions of the blade can not be seen. Return the tool opener to its original position. After installing, always make sure that the blade is securely held in place by trying to pull it out.

**CAUTION:**

- Do not open the tool opener excessively, or it may cause tool damage.



0011911

1. Jig saw blade

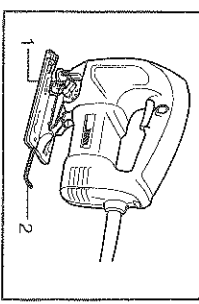
To remove the blade, open the tool opener to the position shown in the figure. Pull the saw blade out toward the base.

**NOTE:**

- Occasionally lubricate the roller.

**Hex wrench storage**

When not in use, the hex wrench can be conveniently stored.



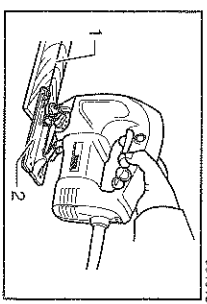
0011912

- Base
- Hex wrench

**OPERATION**

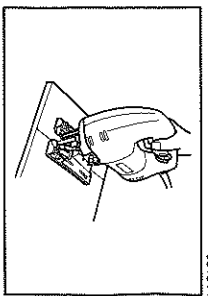
**CAUTION:**

- Always hold the tool base flush with the workpiece. Failure to do so may cause blade breakage, resulting in a serious injury.
- Turn the tool on and wait until the blade attains full speed. Then rest the tool base flat on the workpiece and gently move the tool forward along the previously marked cutting line. When cutting curves, advance the tool very slowly.



0011913

- Cutting line
- Base



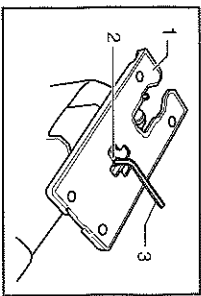
001914

### Bevel cutting

#### ⚠ CAUTION:

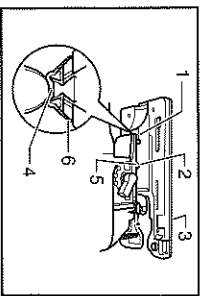
- Always be sure that the tool is switched off and unplugged before tilting the tool base.
- With the tool base tilted, you can make bevel cuts at any angle between 0° and 45° (left or right).

Loosen the bolt on the back of the base with the hex wrench. Move the base so that the bolt is positioned in the center of the bevel slot in the base.



001915

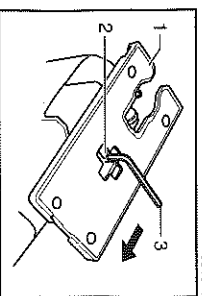
1. Base
2. Bolt
3. Hex wrench



001916

1. Graduations
2. Bevel slot
3. Base
4. V-notch
5. Bolt
6. Gear housing

Tilt the base until the desired bevel angle is obtained. The V-notch of the gear housing indicates the bevel angle by graduations. Then tighten the bolt firmly to secure the base.

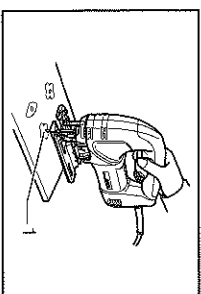


001917

1. Base
2. Bolt
3. Hex wrench

### Front flush cuts

Loosen the bolt on the back of the tool base with the hex wrench, then move the tool base all the way back. Then tighten the bolt to secure the tool base.



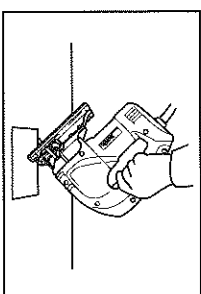
001918

1. Starting hole

**Cutouts**  
Cutouts can be made with either of two methods A or B.

#### A) Boring a starting hole

For internal cutouts without a lead-in cut from an edge, pre-drill a starting hole 12 mm or more in diameter. Insert the blade into this hole to start your cut.



001919

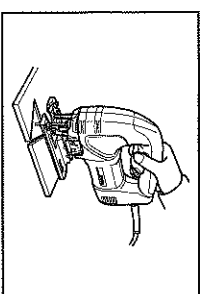
#### B) Plunge cutting

You need not bore a starting hole or make a lead-in cut if you carefully do as follows.

- (1) Tilt the tool up on the front edge of the base with the blade point positioned just above the workpiece surface.
- (2) Apply pressure to the tool so that the front edge of the base will not move when you switch on the tool and gently lower the back end of the tool slowly.
- (3) As the blade pierces the workpiece, slowly lower the base of the tool down onto the workpiece surface.
- (4) Complete the cut in the normal manner.

#### Finishing edges

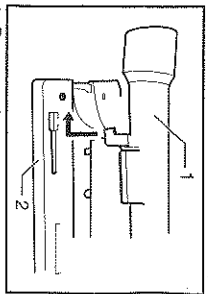
To trim edges or make dimensional adjustments, run the blade lightly along the cut edges.



001920

#### Metal cutting

Always use a suitable coolant (cutting oil) when cutting metal. Failure to do so will cause significant blade wear. The underside of the workpiece can be greased instead of using a coolant.

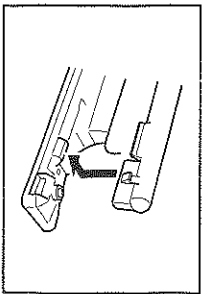


001921

**Dust extraction**

The dust nozzle (accessory) is recommended to perform clean cutting operations. To attach the dust nozzle on the tool, insert the hook of dust nozzle into the hole in the base. The dust nozzle can be installed on either left or right side of the base.

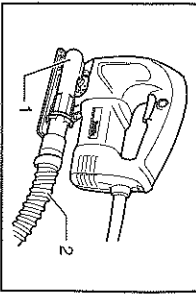
1. Dust nozzle
2. Base



001923

Then connect a Makita vacuum cleaner to the dust nozzle.

**CAUTION:** If you try to remove the dust nozzle forcibly, the hook of the dust nozzle can be diminished and removed unintentionally during operation.

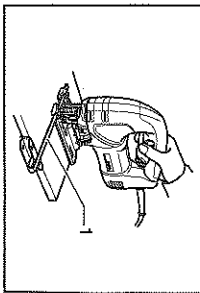


1. Dust nozzle
2. Hose for vacuum cleaner

**Rip fence set (accessory)**

**CAUTION:**

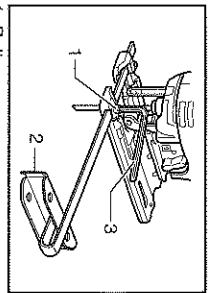
- Always be sure that the tool is switched off and unplugged before installing or removing accessories.



001924

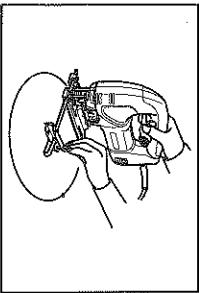
**1. Straight cuts**

When repeatedly cutting widths of 160 mm or less, use of the rip fence will assure fast, clean, straight cuts. To install, insert the rip fence into the rectangular hole on the side of the tool base with the fence guide facing down. Slide the rip fence to the desired cutting width position, then tighten the bolt to secure it.



001925

1. Bolt
2. Fence guide
3. Hex wrench



001926

**2. Circular cuts**

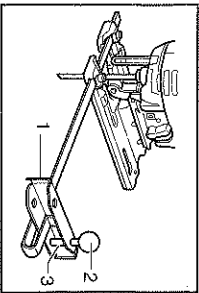
When cutting circles or arcs of 170 mm or less in radius, install the rip fence as follows.

Insert the rip fence into the rectangular hole on the side of the tool base with the fence guide facing up. Insert the circular guide pin through either of the two holes on the fence guide. Screw the threaded knob onto the pin to secure the pin.

Now slide the rip fence to the desired cutting radius, and tighten the bolt to secure it in place. Then move the tool base all the way forward.

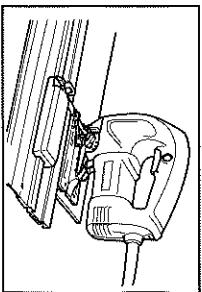
**NOTE:**

- Always use blades No. B-17, B-18, B-26 or B-27 when cutting circles or arcs.



001927

1. Fence guide
2. Threaded knob
3. Circular guide pin

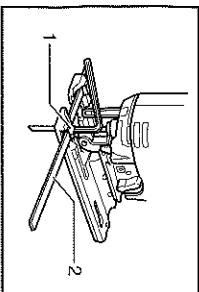


004446

### Guide rail adapter set (accessory)

When cutting parallel and uniform width or cutting straight, the use of the guide rail and the guide rail adapter will assure the production of fast and clean cuts.

To install the guide rail adapter, insert the rule bar into the square hole of the base as far as it goes. Secure the bolt with the hex wrench securely.

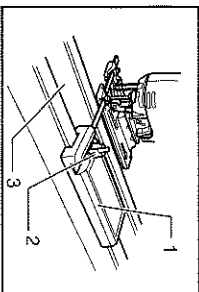


004447

1. Bolt
2. Rule bar

Install the guide rail adapter on the rail of the guide rail. Insert the rule bar into the square hole of the guide rail adapter. Put the base to the side of the guide rail, and secure the bolt securely.

- ⚠ **CAUTION:**
- Always use blades No. B-8, B-13, B-16, B-17 or S8 when using the guide rail and the guide rail adapter.

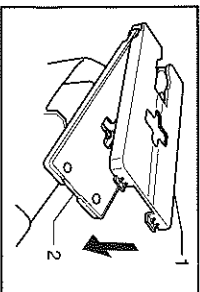


004448

1. Guide rail adapter
2. Screw
3. Guide rail

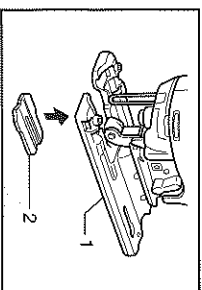
### Cover plate

Use the cover plate when cutting decorative veneers, plastics, etc. It protects sensitive or delicate surfaces from damage. Fit it on the back of the tool base.



001928

1. Cover plate
2. Base



001929

1. Base
2. Anti-splintering device

### MAINTENANCE

**Anti-splintering device**

For splinter-free cuts, the anti-splintering device can be used. To install the anti-splintering device, move the tool base all the way forward and fit it from the back of tool base. When you use the cover plate, install the anti-splintering device onto the cover plate.

- ⚠ **CAUTION:**
- The anti-splintering device cannot be used when making bevel cuts.

⚠ **CAUTION:**

- Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.

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

### 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.

- Jig saw blades
- Hex wrench 4
- Rip fence (guide rule) set
- Guide rail adapter set
- Guide rail set
- Anti-splintering device
- Dust nozzle
- Cover plate
- Hose (For vacuum cleaner)