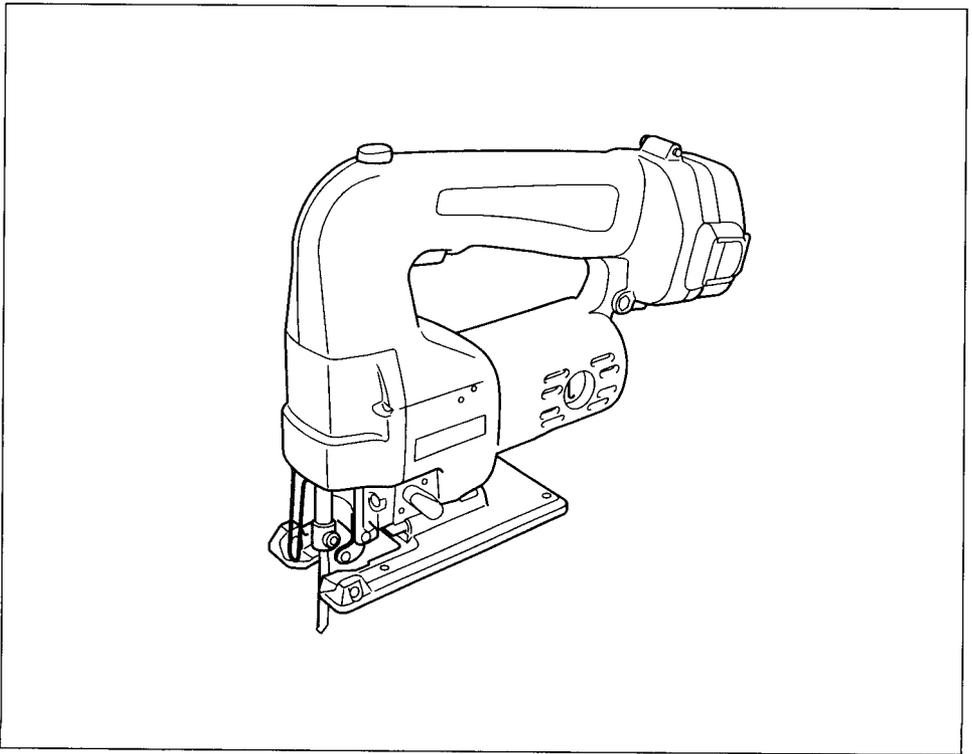


Makita

Cordless Jig Saw

MODEL 4330DWA
MODEL 4330DZ

INSTRUCTION MANUAL



SPECIFICATIONS

Length of stroke	Max. cutting capacities			Strokes per minute	Overall length	Net weight
	Wood	Mild steel	Aluminum			
26 mm (1")	135 mm (5-5/16")	10 mm (3/8")	20 mm (13/16")	2,800	280 mm (11")	2.6 kg (5.7 lbs)

* Manufacturer reserves the right to change specifications without notice.

◆Note: Specifications may differ from country to country.

WARNING: For your personal safety, **READ** and **UNDERSTAND** before using.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

GENERAL SAFETY RULES

(For All Battery Operated Tools)

WARNING! Read and understand all instructions. Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS

Work Area

- **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep bystanders, children, and visitors away while operating a power tool.** Distractions can cause you to lose control.

Electrical Safety

- **A battery operated tool with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery.** A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.
- **Use battery operated tool only with specifically designated battery pack.** Use of any other batteries may create a risk of fire.

Personal Safety

- **Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair can be caught in moving parts.
- **Avoid accidental starting. Be sure switch is in the locked or off position before inserting battery pack.** Carrying tools with your finger on the switch or inserting the battery pack into a tool with the switch on invites accidents.
- **Remove adjusting keys or switches before turning the tool on.** A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enable better control of the tool in unexpected situations.
- **Use safety equipment. Always wear eye protection.** Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

Tool Use and Care

- **Use clamps or other practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body is unstable and may lead to loss of control.
- **Do not force tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.
- **Do not use tool if switch does not turn it on or off.** A tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect battery pack from tool or place the switch in the locked or off position before making any adjustments, changing accessories, or storing the tool.** Such preventive safety measures reduce the risk of starting the tool accidentally.
- **Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.
- **When battery pack is not in use, keep it away from other metal objects like: paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause sparks, burns, or a fire.
- **Maintain tools with care. Keep cutting tools sharp and clean.** Properly maintained tools with sharp cutting edge are less likely to bind and are easier to control.
- **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using.** Many accidents are caused by poorly maintained tools.
- **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool may create a risk of injury when used on another tool.

Service

- **Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel may result in a risk of injury.
- **When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual.** Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of shock or injury.

Specific Safety Rules

- 1. Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring. Contact with a "live" wire will also make exposed metal parts of the tool "live" and shock the operator.**
- 2. Be aware that this tool is always in an operating condition because it does not have to be plugged into an electrical outlet.**
- 3. Avoid cutting nails. Inspect for and remove all nails from the workpiece before operation.**
- 4. Do not cut hollow pipe.**
- 5. Do not cut oversize workpiece.**
- 6. Check for the proper clearance beneath the workpiece before cutting so that the blade will not strike the floor, workbench, etc.**
- 7. Hold the tool firmly.**
- 8. Check the blade is not contacting the workpiece before the switch is turned on.**
- 9. Keep hands away from moving parts.**
- 10. When cutting through walls, floors or wherever "live" electrical wires may be encountered, DO NOT TOUCH ANY METAL PARTS OF THE TOOL! Hold the tool only by the plastic handle to prevent electric shock if you cut through a "live" wire.**
- 11. Do not leave the tool running. Operate the tool only when hand-held.**
- 12. Always switch off and wait for the blade to come to a complete stop before removing the blade from the workpiece.**
- 13. Do not touch the blade or the workpiece immediately after operation; they may be extremely hot and could burn your skin.**

SAVE THESE INSTRUCTIONS.

SYMBOLS

The followings show the symbols used for tool.

V volts

min minutes

==== direct current

n_0 no load speed

.../min revolutions or reciprocation per minute

IMPORTANT SAFETY INSTRUCTIONS FOR CHARGER & BATTERY CARTRIDGE

- 1. SAVE THESE INSTRUCTIONS** — This manual contains important safety and operating instructions for battery charger.
2. Before using battery charger, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.
3. **CAUTION** — To reduce risk of injury, charge only MAKITA Battery Cartridge 7000, 7001, 7002, 7033, 7100, 7120, 9000, 9001, 9002, 9033, 9100, 9101, 9102, 9120, 9122, 9133, 1200, 1201, 1202, 1210, 1211, 1222, 1233, 1422, 1433, 1822, 1833, 9101A, 9102A, 1201A or 1202A. Other types of batteries may burst causing personal injury and damage.
4. Do not expose charger to rain or snow.
5. Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons.
6. To reduce risk of damage to electric plug and cord, pull by plug rather than cord when disconnecting charger.
7. Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
8. An extension cord should not be used unless absolutely necessary. Use of improper extension cord could result in a risk of fire and electric shock. If extension cord must be used, make sure:
 - a. That pins on plug of extension cord are the same number, size, and shape as those of plug on charger;
 - b. That extension cord is properly wired and in good electrical condition; and
 - c. That wire size is at least as large as the one specified in the table below.

TABLE 1
RECOMMENDED MINIMUM AWG SIZE FOR
EXTENSION CORDS FOR BATTERY CHARGERS

Length of Cord (Feet)	25	50	100	150
AWG Size of Cord	18	18	18	16

9. Do not operate charger with damaged cord or plug — replace them immediately.
10. Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to a qualified serviceman.
11. Do not disassemble charger or battery cartridge; take it to a qualified serviceman when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
12. To reduce risk of electric shock, unplug charger from outlet before attempting any maintenance or cleaning. Turning off controls will not reduce this risk.

ADDITIONAL SAFETY RULES FOR CHARGER & BATTERY CARTRIDGE

1. Do not charge Battery Cartridge when temperature is **BELOW 10°C (50°F)** or **ABOVE 40°C (104°F)**.
2. Do not attempt to use a step-up transformer, an engine generator or DC power receptacle.
3. Do not allow anything to cover or clog the charger vents.
4. Always cover the battery terminals with the battery cover when the battery cartridge is not used.
5. A battery short can cause a large current flow, overheating, possible burns and even a breakdown.
 - (1) Do not touch the terminals with any conductive material.
 - (2) Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.
 - (3) Do not expose battery cartridge to water or rain.
6. Do not store the tool and Battery Cartridge in locations where the temperature may reach or exceed **50°C (122°F)**.
7. Do not incinerate the Battery Cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.

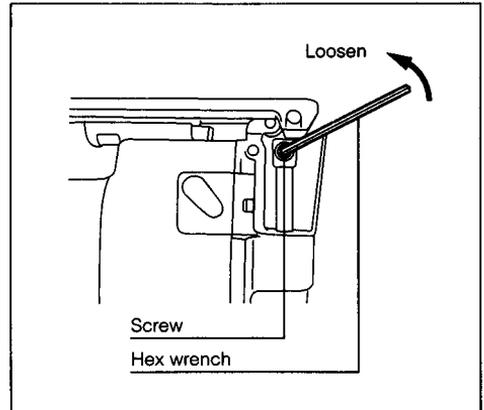
SAVE THESE INSTRUCTIONS.

Installing or removing the saw blade

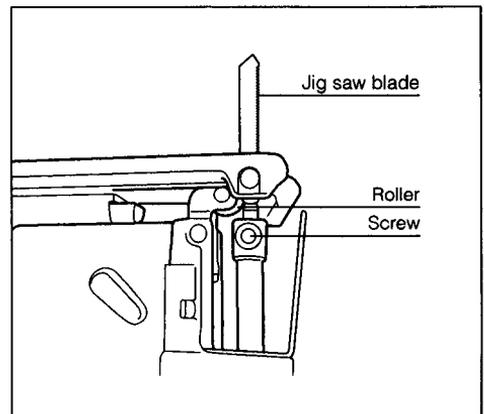
CAUTION:

Always be sure that the tool is switched off and battery removed before installing or removing the blade.

To install the blade, loosen the screw on the blade holder.



With the blade teeth facing forward, insert the blade into the blade holder as far as it will go. Make sure that the back edge of the blade fits properly in the groove of the roller. Then firmly tighten the screw to secure the blade.



CAUTION:

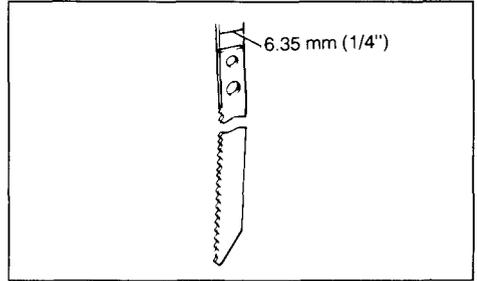
- Always secure the blade firmly. Insufficient securing of the blade may cause blade breakage or serious injury.
- Always clean out the blade holder before installing the blade. Chips or foreign matter on the blade holder may cause insufficient securing of the blade.
- Use a lubricant or cutting oil between the blade and roller when cutting iron or composition board, etc. Failure to do so will shorten the service life of your blade and roller or lead to potentially dangerous blade breakage.

Installing the universal shank jig saw blade

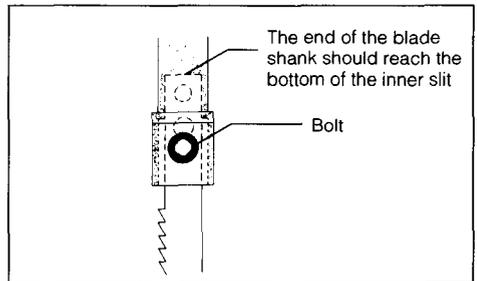
CAUTION:

Always be sure that the tool is switched off and battery removed before installing or removing the blade.

If the universal blade clamp is used, you can use blades of other makes which have a universal shank like the one shown in the figure, with a blade width of 6.35 mm (1/4").

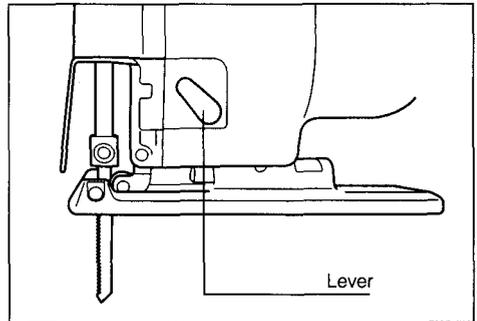


Insert the blade into the blade holder as far as it will go. Make sure that the end of the blade shank reaches the bottom of the inner slit and tighten the bolt securely with the hex wrench.



Selecting the cutting action

This tool can be operated with an orbital or a straight line cutting action. To change the cutting action, just turn the lever to the desired cutting action position. Refer to the table below to help determine the appropriate cutting action.



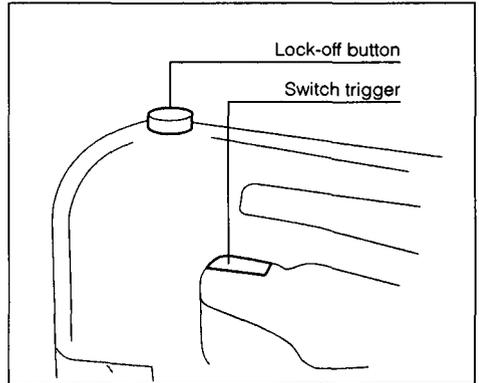
Position	Cutting action	Applications
0	Straight line cutting action	For cutting mild steel, stainless steel and plastics. For clean cuts in wood and plywood.
I	Small orbit cutting action	For cutting mild steel, aluminum and hard wood.
II	Medium orbit cutting action	For cutting wood and plywood. For fast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

Switch action

CAUTION:

Before inserting the battery cartridge into the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released. Pulling the trigger hard when the lock off button is not pressed causes switch damage.

To start the tool, simply push the lock off button then pull the trigger. Release the trigger to stop.

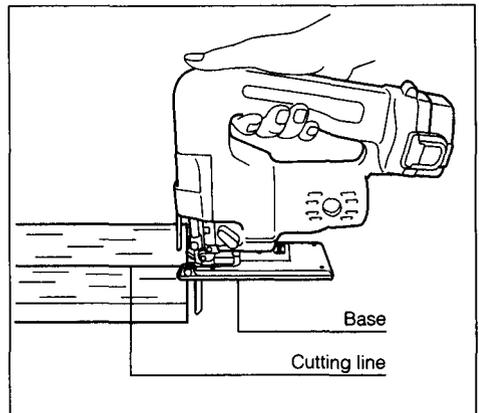


Cutting operation

CAUTION:

Check carefully that the blade is adequately secured in position before inserting the battery into the tool.

Turn the tool on without the blade making any contact. Rest the base flat on the workpiece and gently move the tool forward along the previously marked cutting line.



CAUTION:

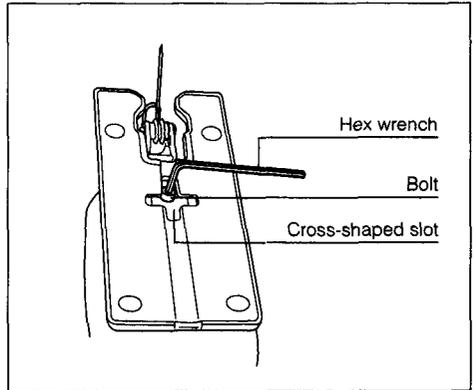
- Always hold the tool with the base flush with the workpiece. Failure to do so may cause a slanted cutting surface and blade breakage.
- Advance the tool very slowly when cutting curves or scrolling. Forcing the tool may cause a slanted cutting surface and blade breakage.

Bevel cutting

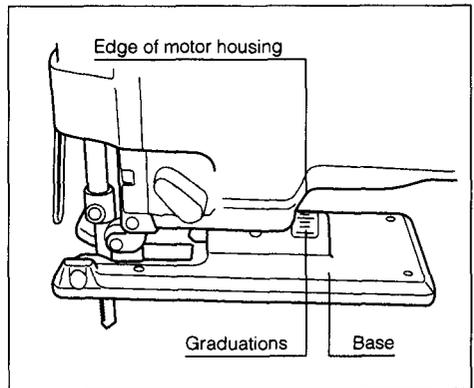
CAUTION:

Always remove the battery from the tool before making any adjustments.

With the base tilted, you can make bevel cuts at any angle between 0° and 45° (left or right). Loosen the bolt on the bottom of the tool. Move the base so that the bolt is positioned in the center of the cross-shaped slot in the base.

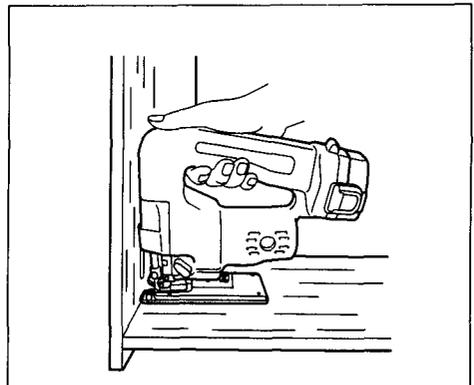


Tilt the base until the desired bevel angle is obtained. The edge of the motor housing indicates the bevel angle by graduations. Then tighten the bolt to secure the base.



Flush cutting

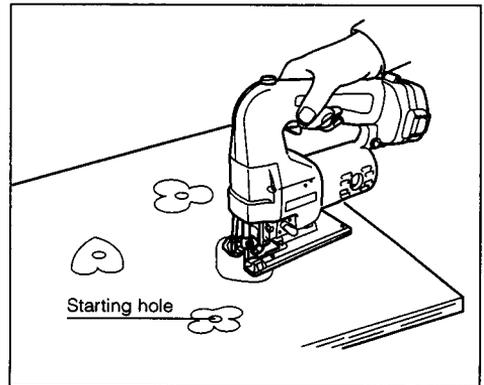
Loosen the bolt on the bottom of the tool and slide the base all the way back. Then tighten the bolt to secure the base.



Cutouts

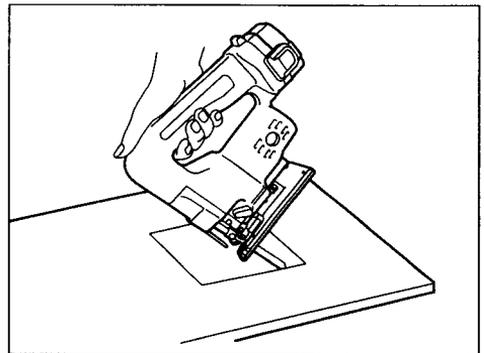
Cutouts can be made with either of two methods A or B.

- A) Boring a starting hole: For internal cutouts without lead-in cut from an edge, pre-drill a starting hole more than 12 mm (15/32") in diameter. Insert the blade into this hole and hold the tool firmly against the workpiece to start your cut.



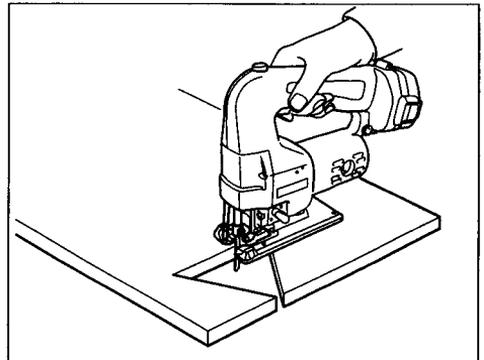
- B) Plunge cutting: You need not bore a starting hole or make a lead-in cut if you carefully do as follows.

- 1) Tilt the tool up on the front edge of the base, with the blade point positioned just above the workpiece surface.
- 2) Apply firm 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 slices into 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 slight dimensional adjustments, run the blade lightly along the cut edges.

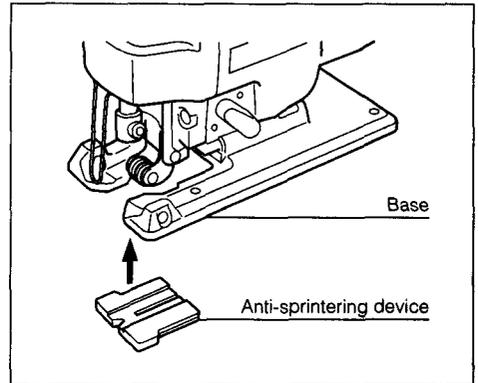


Metal cutting

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.

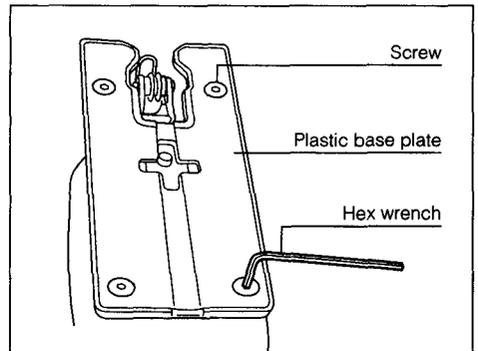
Anti-splintering device

To reduce the potential for workpiece surface splintering, the anti-splintering device can be used. Fit it into the base from below so that it surrounds the sides of the blade.



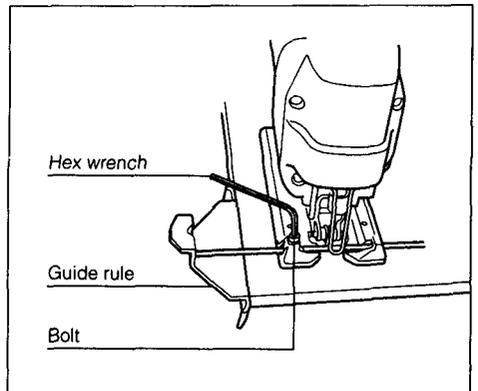
Plastic base plate (optional accessory)

Use the plastic base plate when cutting decorative veneers, plastics, etc. It protects sensitive or delicate surfaces from damage. To replace the base plate, remove the four screws with the hex wrench.



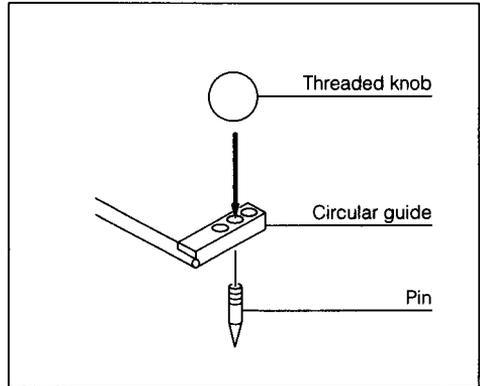
Guide rule (rip fence; optional accessory)

When cutting widths of under 150 mm (5-29/32") repeatedly, use of the guide rule will assure fast, clean, straight cuts. To install it, loosen the bolt on the front of the base. Slip in the guide rule and secure the bolt.



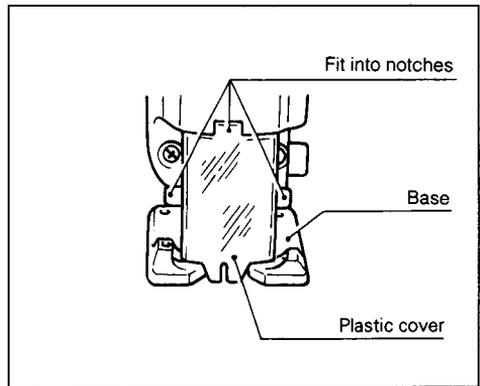
Circular guide (optional accessory)

Use of the circular guide insures clean, smooth cutting of circles under 200 mm (7-7/8") in radius. Insert the pin through the center hole and secure it with the threaded knob. Move the base of the tool fully forward. Then install the circular guide on the base in the same manner, as the guide rule (rip fence).

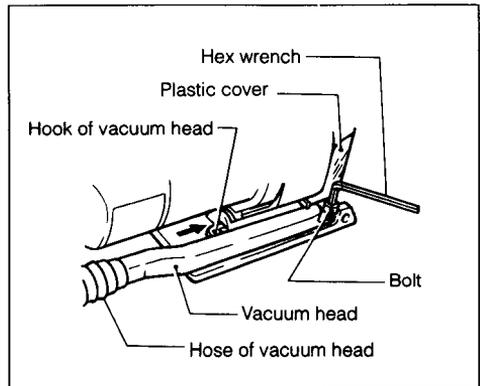


Vacuum head (optional accessory)

The vacuum head is recommended to perform clean cutting operations. Install the plastic cover on the tool by fitting it into the notches in the tool.



To attach the vacuum head on the tool, insert the hook of the vacuum head into the hole in the base. The vacuum head can be installed on either left or right side of the base. Then connect a Makita vacuum cleaner to the vacuum head.



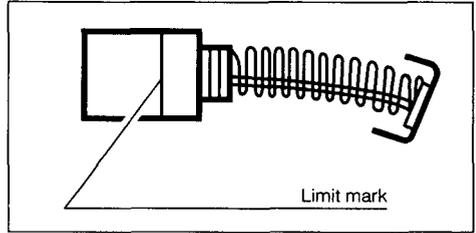
MAINTENANCE

CAUTION:

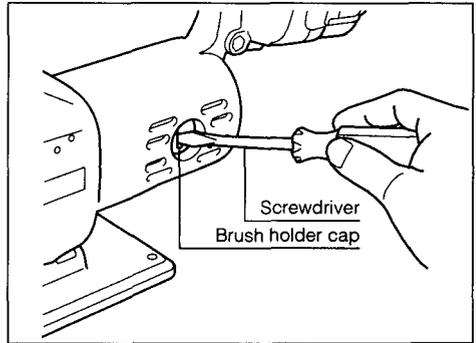
Always be sure that the tool is switched off and the battery cartridge is removed before attempting to perform inspection or maintenance.

Replacing carbon brushes

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.



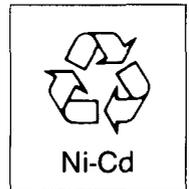
Use a screwdriver to remove the brush holder caps. Take out the worn carbon brushes, insert the new ones and secure the brush holder caps.



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

Recycling the Battery

The only way to dispose of a Makita battery is to recycle it. The law prohibits any other method of disposal.



To recycle the battery:

1. Remove the battery from the tool.
2. a). Take the battery to your nearest Makita Factory Service Center
or
b). Take the battery to your nearest Makita Authorized Service Center or Distributor that has been designated as a Makita battery recycling location.

• Call your nearest Makita Service Center or Distributor to determine the location that provides Makita battery recycling. See your local Yellow Pages under "Tools-Electric".

ACCESSORIES

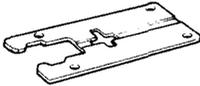
CAUTION:

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. The accessories or attachments should be used only in the proper and intended manner.

An exception: Universal shank jig saw blades with a thickness of 1 mm – 1.25 mm (1/32" – 3/64") and a length of 58 mm – 82 mm (2-9/32" – 3-7/32").

- **Plastic base plate**

Part No. 415537-8



- **Hex wrench 3**

Part No. 783201-2



- **Circular guide assembly**

Part No. 123030-5



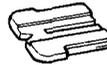
- **Vacuum head**

Part No. 192418-0



- **Anti-splintering device**

Part No. 415524-7



- **Plastic cover**

Part No. 415525-5



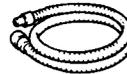
- **Guide rule**

Part No. 164113-2



- **Hose 19-2.5**

Part No. 192108-5



- **Jig saw blade** (Packed 5 each)



Blade type	Part No.	Teeth per inch	Effective cutting blade length
No. 51	792428-3	24	65 mm (2-1/2")
No. 58	792429-1	8	80 mm (3-1/8")
No. 59	792430-6	8	80 mm (3-1/8")
No. B-10	792529-7	9	80 mm (3-1/8")
No. B-11	792463-1	9	75 mm (3")
No. B-12	792464-9	6	80 mm (3-1/8")
No. B-13	792465-7	8	80 mm (3-1/8")
No. B-14	792466-5	18	50 mm (2")
No. B-15	792467-3	12	50 mm (2")
No. B-16	792468-1	6	80 mm (3-1/8")
No. B-17	792469-9	6	70 mm (2-3/4")

Blade type	Part No.	Teeth per inch	Effective cutting blade length
No. B-18	792470-4	14	45 mm (1-3/4")
No. B-19	792471-2	12	65 mm (2-1/2")
No. B-21	792472-0	12	75 mm (3")
No. B-22	792473-8	24	50 mm (2")
No. B-23	792474-6	14	50 mm (2")
No. B-24	792475-4	32	50 mm (2")
No. B-25	792476-2	9	75 mm (3")
No. B-26	792477-0	9	70 mm (2-3/4")
No. B-27	792478-8	24	50 mm (2")
No. BR-13	792727-3	9	64 mm (2-1/2")
No. B-16L	792726-5	6	150 mm (5-7/8")

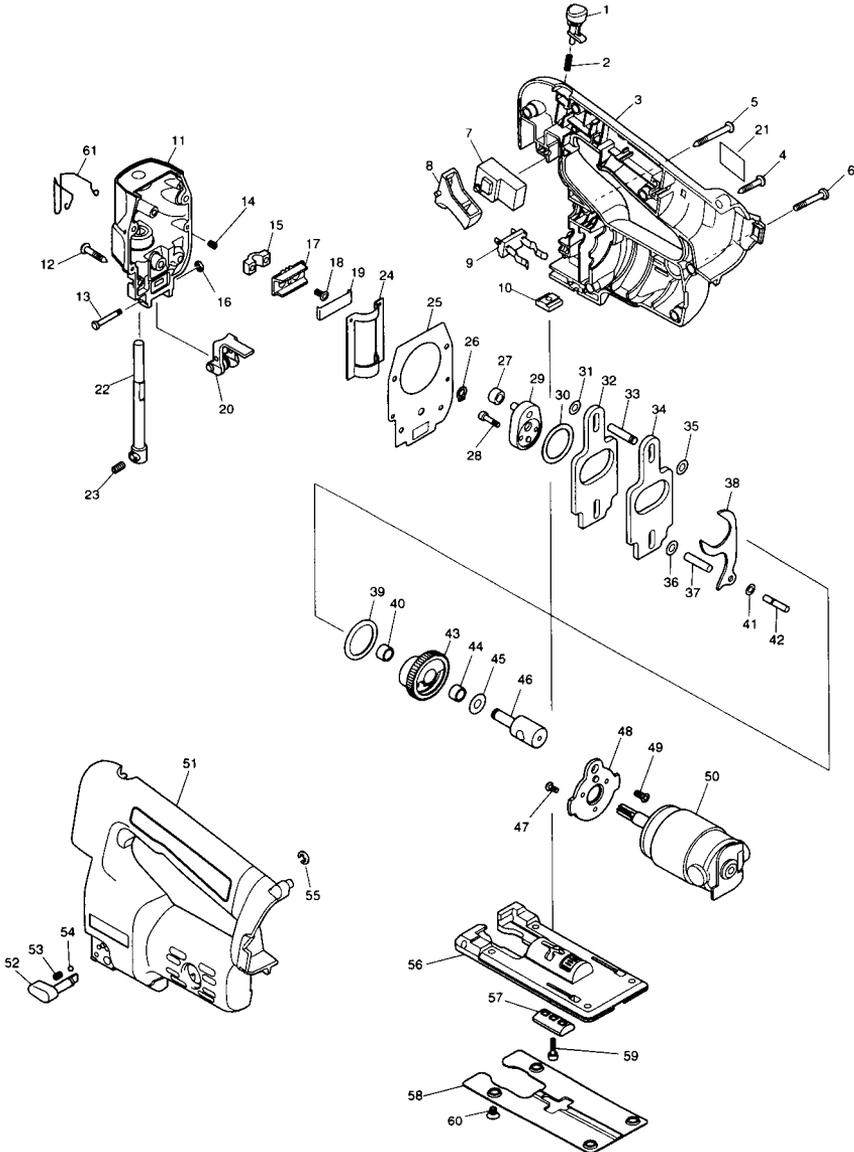
(Note)

Refer to the next page for "Application" of each blade.

• Jig saw blade

Blade Type	Application				
	Wood & plywood	Plastics	Aluminum	Mild Steel	Feature
No. 51	—	1.5 – 3 mm thick (1/16" – 1/8") ^H	1 – 6 mm thick (3/64" – 1/4")	1 – 3 mm thick (3/64" – 1/8")	Also ideal for cutting stainless steel.
No. 58	4 – 60 mm thick (5/32" – 2-3/8")	4 – 60 mm thick (5/32" – 2-3/8") ^S	—	—	For fast cutting.
No. 59	4 – 30 mm thick (5/32" – 1-1/8")	4 – 30 mm thick (5/32" – 1-1/8") ^S	—	—	For fast finish work.
No. B-10	3 – 60 mm thick (1/8" – 2-3/8")	3 – 60 mm thick (1/8" – 2-3/8") ^S	—	—	For fast finish work, especially in plywood.
No. B-11	3 – 30 mm thick (1/8" – 1-1/8")	3 – 50 mm thick (1/8" – 2") ^S	—	—	For fast finish work.
No. B-12	5 – 60 mm thick (13/64" – 2-3/8")	5 – 60 mm thick (13/64" – 2-3/8") ^S	—	—	For fast finish work.
No. B-13	4 – 60 mm thick (5/32" – 2-3/8")	4 – 60 mm thick (5/32" – 2-3/8") ^S	—	—	For roughing-in work.
No. B-14	2 – 30 mm thick (5/64" – 1-1/8")	2 – 30 mm thick (5/64" – 1-1/8") ^H	—	—	Ideal for cutting in thin materials.
No. B-15	3 – 30 mm thick (1/8" – 1-1/8")	3 – 30 mm thick (1/8" – 1-1/8") ^H	—	—	Ideal for cutting in thin materials.
No. B-16	5 – 60 mm thick (13/64" – 2-3/8")	5 – 60 mm thick (13/64" – 2-3/8") ^S	—	—	For fast cutting.
No. B-17	5 – 60 mm thick (13/64" – 2-3/8")	5 – 60 mm thick (13/64" – 2-3/8") ^S	—	—	Ideal for scroll cutting.
No. B-18	2 – 30 mm thick (5/64" – 1-1/8")	2 – 30 mm thick (5/64" – 1-1/8") ^S	—	—	Ideal for scroll cutting.
No. B-19	3 – 30 mm thick (1/8" – 1-1/8")	3 – 30 mm thick (1/8" – 1-1/8") ^H	—	—	Cuts on down stroke. Splinter-free on finish side.
No. B-21	—	3 – 55 mm thick (1/8" – 2-1/8") ^H	3 – 10 mm thick (1/8" – 3/8")	—	For finish work, especially in plastics.
No. B-22	—	1.5 – 3 mm thick (1/16" – 1/8") ^H	1 – 6 mm thick (3/64" – 1/4")	1 – 3 mm thick (3/64" – 1/8")	Also ideal for cutting stainless steel.
No. B-23	—	3 – 6 mm thick (1/8" – 1/4") ^H	3 – 10 mm thick (1/8" – 3/8")	3 – 6 mm thick (1/8" – 1/4")	Also ideal for cutting stainless steel.
No. B-24	—	1 – 3 mm thick (3/64" – 1/8") ^H	0.5 – 3 mm thick (1/64" – 1/8")	0.5 – 2 mm thick (1/64" – 5/64")	Also ideal for cutting stainless steel.
No. B-25	3 – 55 mm thick (1/8" – 2-1/8") ^H	3 – 55 mm thick (1/8" – 2-1/8") ^H	3 – 30 mm thick (1/8" – 1-1/8")	3 – 10 mm thick (1/8" – 3/8")	Ideal for cutting thick materials.
No. B-26	3 – 55 mm thick (1/8" – 2-1/8") ^H	3 – 55 mm thick (1/8" – 2-1/8") ^H	3 – 30 mm thick (1/8" – 1-1/8")	3 – 10 mm thick (1/8" – 3/8")	Ideal for scroll cutting.
No. B-27	—	1.5 – 3 mm thick (1/16" – 1/8") ^H	1 – 6 mm thick (3/64" – 1/4")	1 – 3 mm thick (3/64" – 1/8")	Ideal for scroll cutting.
No. BR-13	5 – 60 mm thick (13/64" – 2-3/8")	—	—	—	Splinter-free cuts in wood, requiring no sanding.
No. B-16L	5 – 110 mm thick (13/64" – 4-5/16")	5 – 110 mm thick (13/64" – 4-5/16")	—	—	Ideal for cutting thick materials.

CORDLESS JIG SAW Model 4330D



Note: The switch and other part configurations may differ from country to country.

ITEM NO.	NO. USED	DESCRIPTION	ITEM NO.	NO. USED	DESCRIPTION
<u>MACHINE</u>			<u>MACHINE</u>		
1	1	Switch Button	32	1	Balance Plate
2	1	Compression Spring 4	33	1	Pin 6
3	1	Housing Set (With Item 51)	34	1	Balance Plate
4	6	Tapping Screw 4x18	35	1	Flat Washer 6
5	1	Tapping Screw 4x30	36	2	Flat Washer 6
6	1	Pan Head Screw M4x25	37	1	Pin 6
7	1	Switch	38	1	Push Plate
8	1	Switch Lever	39	1	Flat Washer 26
9	1	Battery Holder	40	1	Needle Bearing B10
10	1	Holder	41	1	Flat Washer 5
11	1	Gear Housing Cover Complete	42	1	Pin 5
12	4	Tapping Screw 4x18	43	1	Helical Gear 51
13	1	Pin 4	44	1	Needle Bearing B10
14	2	Compression Spring 4	45	1	Flat Washer 8
15	1	Holder	46	1	Pin 8
16	1	Stop Ring E-3	47	3	Tapping Screw ST 4x8
17	1	Slider	48	1	Motor Bracket
18	2	Countersunk Head Screw M4x10	49	1	Countersunk Head Screw M4x10
19	1	Thrust Plate	50	1	DC Motor (With Spur Gear)
20	1	Retainer Complete	51	1	Housing Set (With Item 31)
21	1	Name Plate	52	1	Lever 17
22	1	Rod	53	1	Compression Spring 4
23	1	Hex. Socket Screw M6x8	54	1	Steel Ball 4
24	1	Slide Plate	55	1	Stop Ring (EXT) E-5
25	1	Packing	56	1	Base
26	1	Retaining Ring S - 8	57	1	Clamp Plate
27	1	Needle Bearing 607	58	1	Base Plate
28	2	Hex. Socket Head Bolt M4x16	59	1	Hex. Socket Head Bolt M4x16
29	1	Crank Complete	60	4	Hex. Socket CS Head Bolt M5x8
30	1	Flat Washer 26	61	1	Safety Wire
31	1	Flat Washer 6			

Note: The switch and other part specifications may differ from country to country.

MAKITA LIMITED ONE YEAR WARRANTY

Warranty Policy

Every Makita tool is thoroughly inspected and tested before leaving the factory. It 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. If inspection shows the trouble is caused by defective workmanship or material, Makita will repair (or at our option, replace) without charge.

This Warranty does not apply where:

- repairs have been made or attempted by others;
- repairs are required because of normal wear and tear;
- The tool has been abused, misused or improperly maintained;
- alterations have been made to the tool.

IN NO EVENT SHALL MAKITA BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES FROM THE SALE OR USE OF THE PRODUCT. THIS DISCLAIMER APPLIES BOTH DURING AND AFTER THE TERM OF THIS WARRANTY.

MAKITA DISCLAIMS LIABILITY FOR ANY IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF "MERCHANTABILITY" AND "FITNESS FOR A SPECIFIC PURPOSE," AFTER THE ONE-YEAR TERM OF THIS WARRANTY.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

Makita Corporation of America
2650 Buford Hwy., Buford, GA 30518