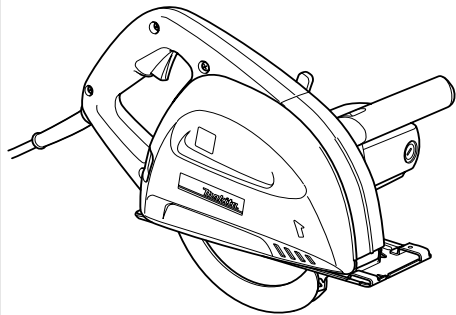




Metal cutter

MODEL 4131



005343



I N S T R U C T I O N M A N U A L

⚠ WARNING:

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

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SPECIFICATIONS

Model	4131
Balde diameter	185 mm (7-1/4")
Max. cutting capacity	63 mm (2-1/2")
No load speed (RPM)	3,500/min.
Overall length	358 mm (14-1/8")
Net weight	4.8 kg (10.6 lbs)

- Manufacturer reserves the right to change specifications without notice.
- Specifications may differ from country to country.

GENERAL SAFETY RULES

USA002-2

(For All 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

1. **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
2. **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.
3. **Keep bystanders, children, and visitors away while operating a power tool.** Distractions can cause you to lose control.

Electrical Safety

4. **Double insulated tools are equipped with a polarized plug (one blade is wider than the other.) This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way.** Double insulation  eliminates the need for the three wire grounded power cord and grounded power supply system.

-
5. **Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is grounded.
 6. **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
 7. **Do not abuse the cord. Never use the cord to carry the tools or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately.** Damaged cords increase the risk of electric shock.
 8. **When operating a power tool outside, use an outdoor extension cord marked “W-A” or “W”.** These cords are rated for outdoor use and reduce the risk of electric shock.

Personal Safety

9. **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.
10. **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.
11. **Avoid accidental starting. Be sure switch is off before plugging in.** Carrying tools with your finger on the switch or plugging in tools that have the switch on invites accidents.
12. **Remove adjusting keys or wrenches 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.
13. **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enables better control of the tool in unexpected situations.

14. **Use safety equipment. Always wear eye protection.** Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions. Ordinary eye or sun glasses are NOT eye protection.

Tool Use and Care

15. **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.
16. **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.
17. **Do not use tool if switch does not turn it on or off.** Any tool that cannot be controlled with the switch is dangerous and must be repaired.
18. **Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool.** Such preventive safety measures reduce the risk of starting the tool accidentally.
19. **Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.
20. **Maintain tools with care. Keep cutting tools sharp and clean.** Properly maintained tools with sharp cutting edges are less likely to bind and are easier to control.
21. **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tools operation. If damaged, have the tool serviced before using.** Many accidents are caused by poorly maintained tools.
22. **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool, may become hazardous when used on another tool.

SERVICE

23. Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.

24. 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 electric shock or injury.

USE PROPER EXTENSION CORD: Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Table 1 shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord.

Table 1: Minimum gage for cord

Ampere Rating		Volts	Total length of cord in feet			
		120 V	25 ft.	50 ft.	100 ft.	150 ft.
More Than	Not More Than	AWG				
0	6		18	16	16	14
6	10		18	16	14	12
10	12		16	16	14	12
12	16		14	12	Not Recommended	

SPECIFIC SAFETY RULES

USB085-2

DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to metal cutter safety rules. If you use this tool unsafely or incorrectly, you can suffer serious personal injury.

- 1. DANGER! Keep hands away from cutting area and blade. Keep your second hand on auxiliary handle, or motor housing.** If both hands are holding the tool, they cannot be cut by the blade.
Keep your body positioned to either side of the saw blade, but not in line with the saw blade. KICKBACK could cause the tool to jump backwards. (See "Causes and Operator Prevention of Kickback")
Do not reach underneath the work. The guard can not protect you from the blade

below the work. Do not attempt to remove cut material when blade is moving.

CAUTION: Blades coast after turn off. Wait until blade stops before grasping cut material.

- 2. Check lower guard for proper closing before each use. Do not operate tool if lower guard does not move freely and close instantly. Never clamp or tie the lower guard into the open position.** If tool is accidentally dropped, lower guard may be bent. Raise the lower guard with the Retracting Lever and make sure it moves freely and

does not touch the blade or any other part, in all angles and depths of cut.

To check lower guard, open lower guard by hand, then release and watch guard closure. Also check to see that Retracting Lever does not touch tool housing. Leaving blade exposed is VERY DANGEROUS and can lead to serious personal injury.

3. **Check the operation and condition of the lower guard spring. If the guard and the spring are not operating properly, they must be serviced before use.** Lower guard may operate sluggishly due to damaged parts, gummy deposits, or a buildup of debris.
4. **Always observe that the lower guard is covering the blade before placing tool down on bench or floor.** An unprotected, coasting blade will cause the tool to walk backwards, cutting whatever is in its path. Be aware of the time it takes for the blade to stop after switch is released.
5. **NEVER hold piece being cut in your hands or across your leg.** It is important to support the work properly to minimize body exposure, blade binding, or loss of control.
6. **Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a “live” wire will also make exposed metal parts of the tool “live” and shock the operator.
7. **When ripping always use a rip fence or straight edge guide.** This improves the accuracy of cut and reduces the chance for blade binding.
8. **Always use blades with correct size and shape (diamond vs. round) arbor holes.** Blades that do not match the mounting hardware of the tool will run eccentrically, causing loss of control.
9. **Never use damaged or incorrect blade washers or bolts.** The blade washers and bolt were specially designed for your tool, for

optimum performance and safety of operation.

10. Causes and Operator Prevention of Kickback:

Kickback is a sudden reaction to a pinched, bound or misaligned saw blade, causing an uncontrolled tool to lift up and out of the workpiece toward the operator.

When the blade is pinched or bound tightly by the kerf closing down, the blade stalls and the motor reaction drives the unit rapidly back toward the operator.

If the blade becomes twisted or misaligned in the cut, the teeth at the back edge of the blade can dig into the top surface of the workpiece causing the blade to climb out of the kerf and jump back toward operator.

Kickback is the result of tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below:

Maintain a firm grip with both hands on the tool and position your body and arm to allow you to resist KICKBACK forces. KICKBACK forces can be controlled by the operator, if proper precautions are taken.

When blade is binding, or when interrupting a cut for any reason, release the trigger and hold the tool motionless in the material until the blade comes to a complete stop. Never attempt to remove the tool from the work or pull the tool backward while the blade is in motion or KICKBACK may occur. Investigate and take corrective actions to eliminate the cause of blade binding.

When restarting a tool in the workpiece, center the saw blade in the kerf and check that saw teeth are not engaged into the material. If saw blade is binding, it may walk up or KICKBACK from the workpiece as the tool is restarted.

Support large panels to minimize the risk of blade pinching and KICKBACK. Large panels tend to sag under their own weight. Supports must be placed under the panel on both sides, near the line of cut and near the

edge of the panel as shown in **Fig. 1**.

To minimize the risk of blade pinching and kickback. When cutting operation requires the resting of the tool on the workpiece, the tool should be rested on the larger portion and the smaller piece cut off.

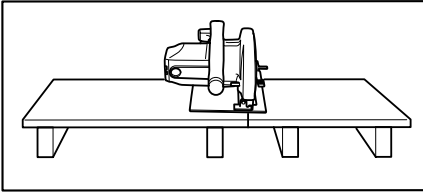


Fig. 1

To avoid kickback, do support board or panel near the cut.

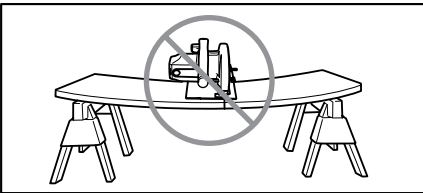


Fig. 2

Do not support board or panel away from the cut.

Do not use dull or damaged blade. Unsharpened or improperly set blades produce narrow kerf causing excessive friction, blade binding and KICKBACK. Keep blade sharp and clean. Gum and pitch hardened on blades slows tool and increases potential for kickback. Keep blade clean by first removing it from tool, then cleaning it with gum and pitch remover, hot water or kerosene. Never use gasoline.

Blade depth and bevel adjusting locking levers must be tight and secure before making cut. If blade adjustment shifts while cutting, it may cause binding and KICKBACK. **ALWAYS hold the tool firmly with both hands. NEVER place your hand or fingers behind the tool.** If kickback occurs, the tool could easily jump backwards over your hand,

leading to serious personal injury.

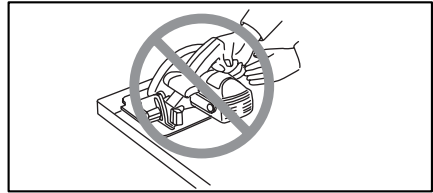


Fig. 3

Never force the tool. Forcing the tool can cause uneven cuts, loss of accuracy, and possible kickback. Push the tool forward at a speed so that the blade cuts without slowing.

11. Adjustments. Before cutting be sure depth and bevel adjustments are tight.

12. When operating the tool, keep the cord away from the cutting area and position it so that it will not be caught on the workpiece during the cutting operation. The tool is provided with a front grip and rear handle for two hand operation. Operate with proper hand support, proper workpiece support, and supply cord routing away from the work area.

WARNING: It is important to support the workpiece properly and to hold the tool firmly to prevent loss of control which could cause personal injury. **Fig. 4** illustrates typical hand support of the tool.

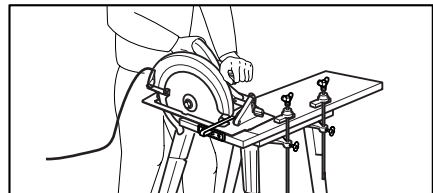


Fig. 4

A typical illustration of proper hand support, workpiece support, and supply cord routing.

13. Place the wider portion of the tool base on that part of the workpiece which is solidly supported, not on the section that will fall off when the cut is made. As examples,

Fig. 5 illustrates the **RIGHT** way to cut off the end of a board, and Fig. 6 the **WRONG** way. If the workpiece is short or small, clamp it down. **DO NOT TRY TO HOLD SHORT PIECES BY HAND!**

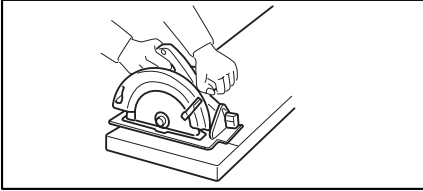


Fig. 5

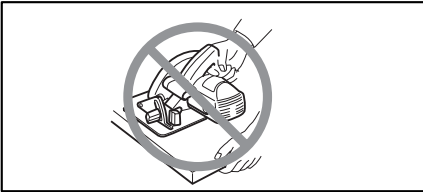


Fig. 6

14. Never attempt to saw with the tool held upside down in a vise. This is extremely dangerous and can lead to serious accidents.

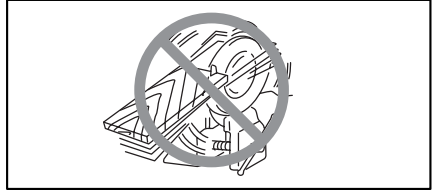


Fig. 7

15. **WARNING:** Blade coasts to stop after switch is released. Contact with coasting blade can cause serious injury. Before setting the tool down after completing a cut, be sure that the lower (telescoping) guard has closed and the blade has come to a complete stop.
16. Wear safety goggles and hearing protection during operation.

SAVE THESE INSTRUCTIONS

⚠ WARNING:
MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

SYMBOLS


USD201-2

The followings show the symbols used for tool.


V volts

A amperes

Hz hertz

 alternating current

n.no load speed

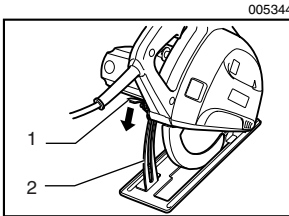
Class II Construction

.../min..... revolutions or reciprocation per
minute

FUNCTIONAL DESCRIPTION

⚠ CAUTION:

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



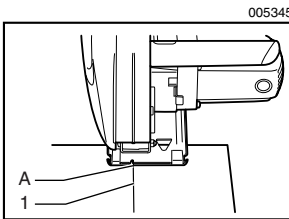
1. Lever
2. Depth guide

Adjusting the depth of cut

Loosen the lever on the depth guide and move the base up or down. At the desired depth of cut, secure the base by tightening the lever.

⚠ CAUTION:

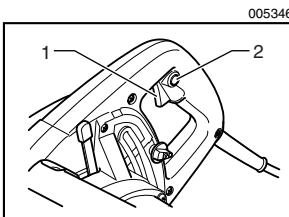
- After adjusting the depth of cut, always tighten the lever securely.



1. Cutting line

Sighting

When cutting, align the A position on the front of the base with your cutting line on the workpiece.



1. Switch trigger
2. Lock-off 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 prevent the switch trigger from being accidentally pulled, a lock-off button is provided.

To start the tool, push in the lock-off button and pull the switch trigger. Release the switch trigger to stop.

ASSEMBLY


⚠ CAUTION:

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

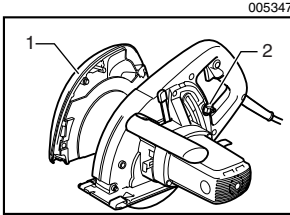
Installing or removing saw blade

⚠ CAUTION:

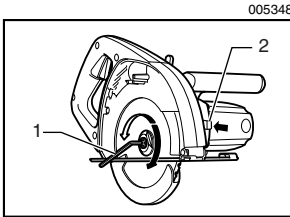
- Use only the Makita wrench provided to install or remove the blade. Failure to do so may result in overtightening or insufficient tightening of the hex bolt. This could cause serious injury to the operator.
- Do not touch the blade with your bare hand immediately after cutting, it may be extremely hot and could burn your skin. Put on pair of gloves when removing a hot blade.

To remove the blade, first push and turn the knob which secures the dust cover clockwise to the  symbol and remove the dust cover. Press the shaft lock so that the blade cannot revolve and use the hex wrench to loosen the hex bolt counterclockwise. Then remove the outer flange and blade.

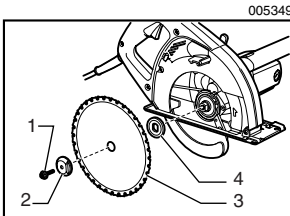
To install the blade, follow the removal procedure in reverse. Always install the blade so that the arrow on the blade points in the same direction as the arrow on the blade case. **BE SURE TO TIGHTEN THE HEX BOLT SECURELY.**



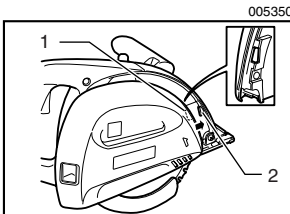
1. Dust cover
2. Knob




1. Hex wrench
2. Shaft lock



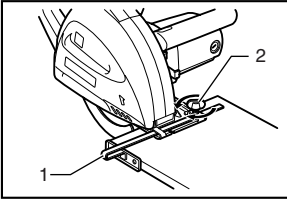
1. Hex socket head bolt
2. Outer flange
3. Carbide-tipped saw blade
4. Inner flange



1. Slot
2. Rib

After installing the blade, replace the dust cover. Slide the dust cover carefully so that the slot of its front fits the rib of the blade case. Make sure the dust cover fits properly then push and turn the knob counterclockwise to the  symbol.

005351



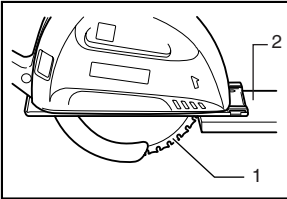
1. Rip fence(Guide rule)
2. Screw

Rip fence (guide rule) (Accessory)

The handy rip fence (guide rule) allows you to do extra-accurate straight cuts. Simply slide the rip fence up snugly against the side of the workpiece and secure it in position with the clamp screw on the front of the base. It also makes repeated cuts of uniform width possible.

OPERATION

005352



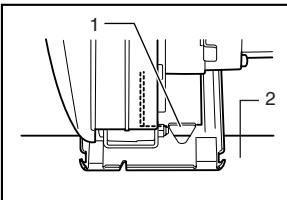
1. Carbide-tipped saw blade
2. Workpiece

⚠ CAUTION:

- Never twist or force the tool in the cut. This may cause motor overload and/or a dangerous kickback, resulting in serious injury to the operator.

Hold the tool firmly with both hand. Set the base plate on the workpiece to be cut without the blade making any contact. Then turn the tool on and wait until the blade attains full speed. Move the tool forward over the workpiece surface, keeping it flat and advancing smoothly until the cutting is completed. Keep your cutting line straight and your speed of advance uniform.

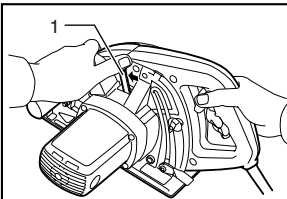
005353



1. Sight window
2. Workpiece

The sight window in the base makes it easy to check the distance between the front edge of the saw blade and the workpiece whenever the blade is set to the maximum depth of cut.

005354



1. Retracting lever

NOTE:

- When making a miter cuts etc., sometimes the lower guard does not move easily. At that time, use the retracting lever to raise the lower guard for starting cut and as soon as blade enters the material, release the retracting lever.

⚠ CAUTION:

- Do not use a deformed or cracked blade. Replace it with a new one.
- Do not stack materials when cutting them.
- Do not cut hardened steel, stainless steel, aluminum, wood, plastics, concrete, tile, etc. **Cut only mild steel.**
- Do not touch the saw blade, workpiece or cutting chips with your bare hand immediately after cutting, they may be extremely hot and could burn your skin.
- **Always use the carbide-tipped saw blades appropriate for your job.** The use of inappropriate saw blades may cause a poor cutting performance and/or present a risk of personal injury.

Chip disposal

⚠ CAUTION:

- Always be sure that the tool is switched off and unplugged before removing or installing the dust cover.
- The dust cover may become hot due to hot chips. Do not touch the cutting chips or dust cover with your bare hand.

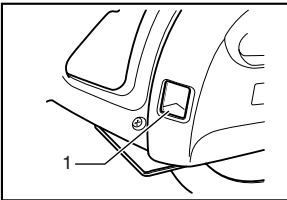
When the cutting chips are visible through the sight window, dispose of them.

Push and turn the knob clockwise to the **○** symbol and remove the dust cover. Dispose of the cutting chips accumulated inside the dust cover.

⚠ CAUTION:

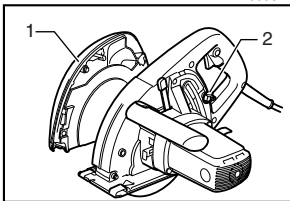
- Do not turn the tool upside down. The cutting chips accumulated inside the dust cover may fall out of the dust cover.
- Handle the dust cover carefully so that it will not be deformed or damaged.

005355



1. Sight window

005347



1. Dust cover
2. Knob

MAINTENANCE

⚠ CAUTION:

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

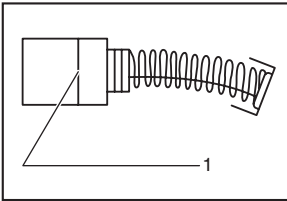
Inspecting saw blade

- Check the blade carefully for cracks or damage before and after each use. Replace a cracked or damaged blade immediately.
- Continuing to use a dull blade may cause a dangerous kickback and/or motor overload. Replace with a new blade as soon as it no longer cuts effectively.
- **Carbide-tipped saw blades for metal cutter cannot be re-sharpened.**

Replacing carbon brushes

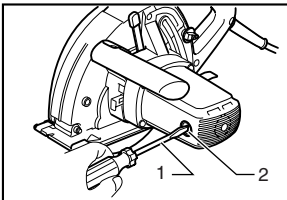
Remove and check the carbon brushes regularly. Replace when they wear down to the limit mark. Keep the carbon brushes clean and free to slip in the holders. Both carbon brushes should be replaced at the same time. Use only identical carbon brushes.

001145



1. Limit mark

005356



1. Screwdriver
2. Brush holder cap

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, carbon brush inspection and replacement, any other maintenance or adjustment should be performed by Makita Authorized or Factory 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.

- Rip fence (Guide rule)
- Safety goggle
- Recommended Carbide-tipped saw blades & workpiece ranges

005705

Carbide-Tipped Metal Blades for Many Applications

Size(mm)	Applications													
	METAL SHEET		C-STUD		ANGLE-STUD		METAL STUD		REBAR	PIPE			CORRUGATED SHEET	
	t=1.5	t=3.0	50X100 t=1.6	45X90 t=3.2	50X50 t=4	50X50 t=6	t=0.56 25Ga	t=1.6 16Ga	∅20	50X100 t=3.2	∅25 t=1.2	∅60 t=3.8	t=0-0.9	t=1.0-2.0
185X36T	X	⊙	X	⊙	⊙	⊙	⊙	X	⊙	⊙	△	⊙	X	X
185X38T	△	○	△	○	○	⊙	⊙	△	○	○	⊙	○	X	X
185X48T	○	○	○	○	△	○	⊙	⊙	△	○	⊙	△	X	△
185X70T	⊙	△	X	X	X	X	△	X	X	X	X	X	⊙	△

⊙ Excellent ○ Good △ Fair X Not Applicable

⚠ CAUTION:

- Always use carbide-tipped saw blades appropriate for your job. Do not cut aluminum, wood, plastics, concrete, tiles, etc.
- Carbide-tipped saw blades for metal cutting saw are not to be re-sharpened.

Cut



First-Class
Postage
Required

Post Office will
not deliver
without proper
postage.

Makita U.S.A., Inc.
14930 Northam Street
La Mirada, CA 90638-5753



Fold

MAIL THIS PORTION

Your answers to the following questions are appreciated.

1. This product was purchased from:

- Home Center Other ()
 Hardware/Lumber Store
 Tool Distributor
 Industrial Supply
 Construction Supply

3. How did you learn about this product:

- Magazine Radio
 From Dealer Exhibition
 Newspaper From Friend
 Store Display Previous Usage
 Catalog Other ()

2. Use of the product is intended for:

- Construction Trade
 Industrial Maintenance
 Home Maintenance
 Hobby
 Other ()

4. Most favored points are:

- Design Repair Service
 Features Durability
 Size Power
 Price Other ()
 Makita Brand

5. Any comments:

DATE PURCHASED			MODEL NO.														
MONTH		DAY		YEAR		SERIAL NO.											
INTL.	LAST NAME / COMPANY NAME										STATUS		SEX				
												Married	Single	M	F		
STREET ADDRESS																	
CITY																	
STATE		ZIP CODE				PHONE				AREA CODE							
AGE:		<input type="checkbox"/> Under 19	<input type="checkbox"/> 20-29	<input type="checkbox"/> 30-39	<input type="checkbox"/> 40-49	<input type="checkbox"/> 50-60	<input type="checkbox"/> Over 60										

BE SURE TO COMPLETE THE CUSTOMER'S PORTION OF THIS FORM AND RETAIN FOR YOUR RECORDS.

Please return this portion by facsimile or mail.

Facsimile No: (714) 522-8133

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FACTORY SERVICE CENTERS

1-800-4-MAKITA

RETAIN THIS PORTION FOR YOUR RECORDS

ARIZONA

3707 E. Broadway Rd., Ste. 6
Phoenix, AZ 85040
(602) 437-2850

CALIFORNIA

41850 Christy Street
Fremont, CA 94538-5107
(510) 657-9881

14930 Northam Street
La Mirada, CA 90638-5753
(714) 522-8088

4191A Power Inn Rd.
Sacramento, CA 95826
(916) 454-4768

7674 Clairemont Mesa Blvd.
San Diego, CA 92111
(858) 278-4471

16735 Saticoy St., Ste. 105
Van Nuys, CA 91406
(818) 782-2440

COLORADO

11809 E. 51st Ave.
Denver, CO 80239-2709
(303) 371-2850

FLORIDA

750 East Sample Road
Pompano Beach, FL 33064
(954) 781-6333

GEORGIA

4680 River Green Parkway NW
Duluth, GA 30096
(770) 476-8911

ILLINOIS

1450 Feehanville Dr.
Mt. Prospect, IL 60056-6011
(847) 297-3100

MARYLAND

7397 Washington Blvd Ste 104
Elkridge, MD 21075
(410) 476-4401

MASSACHUSETTS

232 Providence Highway
Westwood, MA 02090
(781) 461-9754

MINNESOTA

6427 Penn Ave. South
Richfield, MN 55423
(612) 869-5199

MISSOURI

9876 Watson Road
St. Louis, MO 63126-2221
(314) 909-9889

NEBRASKA

4129 S. 84th Street
Omaha, NE 68127
(402) 597-2925

NEVADA

3375 S. Decatur Blvd.
Suites. 22 - 24
Las Vegas, NV 89102
(702) 368-4277

NEW JERSEY

251 Herrod Blvd.
Dayton, NJ 08810-1539
(609) 655-1212

NEW YORK

4917 Genessee Street
Cheektowaga, NY 14225
(716) 685-9503

OREGON

828 19th Ave., N.W.
Portland, OR 97209
(503) 222-1823

PENNSYLVANIA

1904 Babcock Boulevard
Pittsburgh, PA 15209
(412) 822-7370

PUERTO RICO

200 Guayama Street
Hato Rey, PR 00917
(787) 250-8776

TENNESSEE

1120 Elm Hill Pike Suite 170
Nashville, TN 37210
(615) 248-3321

TEXAS

12801 Stemmons Fwy. Ste. 809
Farmers Branch, TX 75234
(972) 243-1150

4321 W. Sam Houston Pkwy
Suite 130
Houston, TX 77043
(713)983-8034

3453 IH-35 North, Ste. 101
San Antonio, TX 78219
(210) 228-0676

WISCONSIN

Lincoln Plaza Shopping Ctr.
2245 S. 108th Street
West Allis, WI 53227
(414) 541-4776

CUSTOMER'S RECORD

<p>When you need service: Send complete tool (prepaid) to one of the Makita Factory Service Centers listed, or to an Authorized Makita Service Center. Be sure to attach a letter to the outside of the carton detailing the problem with your tool.</p>	Date Purchased
	Dealer's Name & Address
	Model No.
	Serial No.

WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- lead from lead-based paints,
- crystalline silica from bricks and cement and other masonry products, and
- arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

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.

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