

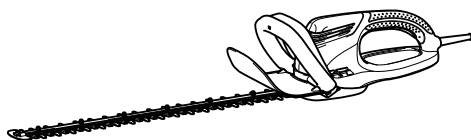
ENGLISH

INSTRUCTION MANUAL



Hedge Trimmer

UH4570
UH5570
UH6570



009277



DOUBLE INSULATION

WARNING:

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

ENGLISH

SPECIFICATIONS

Model	UH4570	UH5570	UH6570
Blade length	450 mm	550 mm	650 mm
Strokes per minute (min ⁻¹)	1,600	1,600	1,600
Overall length	862 mm	970 mm	1,042 mm
Net weight	3.5 kg	3.6 kg	3.7 kg
Safety class	II/III		

- 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.

END201-4

Symbols

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



- Read instruction manual.



- DOUBLE INSULATION



- Only for EU countries
Do not dispose of electric equipment together with household waste material! In observance of European Directive 2002/96/EC on waste electric and electronic equipment and its implementation in accordance with national law, electric equipment that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

ENE014-1

Intended use

The tool is intended for trimming hedges.

ENH020-1

EC-DECLARATION OF CONFORMITY

The undersigned, Kato, as authorized by, declare that the MAKITA machines,

TYPE:

UH4570,UH5570,UH6570

complies with the standard safety and health requirements of the pertinent EU guidelines:

EU machinery guideline 98/37/EC, Noise emission 2000/14/EG, EU EMC guideline 2004/108/EC.

The requirements of the above EU guidelines were implemented chiefly on the basis of the following standards: EN60745-2-15, EN 55014, EN61000. The conformity assessment procedure 2000/14/EG was performed per Annex V. The measured sound pressure level (LpA): is 89.9 dB(A). The measured sound power level (Lwa) is 97.9 dB(A). The guaranteed sound power level (Ld) is 100 dB(A). Uncertainty (K) is 1.5 dB(A).

Vibration

The vibration total value (tri-axial vector sum) determined according to EN60745-2-15:

Vibration emission (ah, D): 6.7 m/s²

Uncertainty (K): 1.5 m/s²

Tomoyasu Kato **CE2008**

000230

Director

Responsible Manufacturer:

Makita Corporation

3-11-8, Sumiyoshi-cho, Anjo, Aichi, JAPAN

Authorized Representative in Europe:

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GEA005-2

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.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work area safety

1. **Keep work area clean and well lit.** Cluttered or 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 children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

Electrical safety

4. **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
5. **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or 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 for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
8. **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
9. **If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of an GFCI reduces the risk of electric shock.

Personal safety

10. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
11. **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
12. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
13. **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
14. **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.

15. **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
16. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

Power tool use and care

17. **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
18. **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
19. **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
20. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
21. **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
22. **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
23. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

Service

24. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
25. **Follow instruction for lubricating and changing accessories.**
26. **Keep handles dry, clean and free from oil and grease.**

SPECIFIC SAFETY RULES

1. **DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to grinder safety rules. If you use this tool unsafely or incorrectly, you can suffer serious personal injury.**
2. **Keep all parts of the body away from the cutter blade. Do not remove cut material or hold material to be cut when blades are moving. Make sure the switch is off when clearing jammed material.** A moment of inattention while operating the hedge trimmer may result in serious personal injury.
3. **Carry the hedge trimmer by the handle with the cutter blade stopped. When transporting or storing the hedge trimmer always fit the cutting device cover.** Proper handling of the hedge trimmer will reduce possible personal injury from the cutter blades.
4. **Keep cable away from cutting area.** During operation the cable may be hidden in shrubs and can be accidentally cut by the blade.
5. Do not use the hedge trimmer in the rain or in wet or very damp conditions. The electric motor is not waterproof.
6. First-time users should have an experienced hedge trimmer user show them how to use the trimmer.
7. The hedge trimmer must not be used by children or young persons under 18 years of age. Young persons over 16 years of age may be exempted from this restriction if they are undergoing training under the supervision of an expert.
8. Use the hedge trimmer only if you are in good physical condition. If you are tired, your attention will be reduced. Be especially careful at the end of a working day. Perform all work calmly and carefully. The user is responsible for all damages to third parties.
9. Never use the trimmer when under the influence of alcohol, drugs or medication.
10. Check to make sure that the voltage and frequency of the power supply correspond to the specifications given on the identification plate. We recommend the use of a residual-current-operated circuit breaker (ground-fault circuit interrupter) with a tripping current of 30 mA or less, or an earth leakage current protector.
11. Work gloves of stout leather are part of the basic equipment of the hedge trimmer and must always be worn when working with it. Also wear sturdy shoes with anti-skid soles.
12. Before starting work check to make sure that the trimmer is in good and safe working order. Ensure guards are fitted properly. Check cable for damage before starting work and replace if necessary. The hedge trimmer must not be used unless fully assembled.
13. Keep cable away from the cutting area. Always work in such a way that the extension power cord is behind you.
14. Remove plug from the mains immediately if cable is damaged or cut.
15. Make sure you have a secure footing before starting operation.
16. Hold the tool firmly when using the tool.
17. Immediately switch off the motor and unplug the mains plug if the cutter should come into contact with a fence or other hard object. Check the cutter for damage, and if damaged repair immediately.
18. Before checking the cutter, taking care of faults, or removing material caught in the cutter, always switch off the trimmer and unplug the mains plug.
19. Switch off the trimmer and disconnect and secure the mains plug before doing any maintenance work.
20. When moving the hedge trimmer to another location, including during work, always unplug the mains plug. Never carry or transport the trimmer with the cutter running. Never grasp the cutter with your hands.
21. Clean the hedge trimmer and especially the cutter after use, and before putting the trimmer into storage for extended periods. Lightly oil the cutter and put on the cover. The cover supplied with the unit can be hung on the wall, providing a safe and practical way to store the hedge trimmer.
22. Store the hedge trimmer with the cover on, in a dry room. Keep it out of reach of children. Never store the trimmer outdoors.

SAVE THESE INSTRUCTIONS.

WARNING:

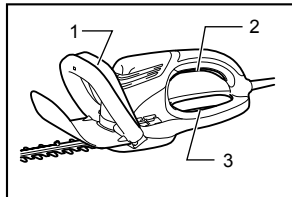
MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

FUNCTIONAL DESCRIPTION

⚠CAUTION:

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

Switch action

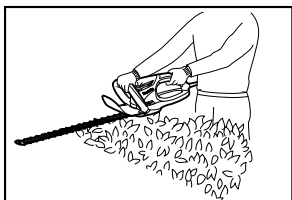


009279

1. Switch trigger B
2. Switch trigger A
3. Switch trigger C

For your safety, this tool is equipped with a triple switching system. To turn on the tool, press two out of three triggers A, B and C. Release either one of the two pressed triggers to turn off. The sequence of switching is unimportant as the tool only starts when both switches are activated.

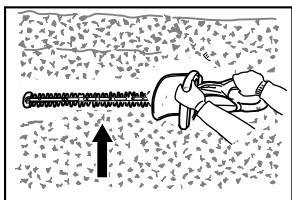
Straight cut



009280

To trim the hedge straight, pull triggers A and B.

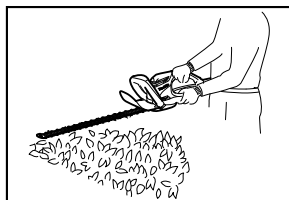
Vertical cut



009281

Cut upwards with both hands pull the switch triggers B and C and move it in front of your body.

Far area cut



009282

To trim the hedge in far area with both hands pull the switch triggers A and C.

ASSEMBLY

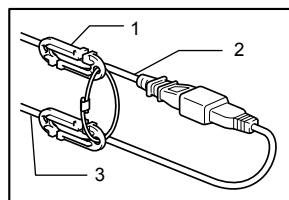
⚠CAUTION:

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

Engage the extension cord

⚠CAUTION:

- Make sure that the extension cord is unplugged to the mains outlet.



007542

1. Hook complete
2. Tool's cord
3. Extension cord

When engaging the extension cord, secure it to the tool's cord with the hook complete. Attach the hook about 100 - 200 mm from the extension cord connector. This will help prevent unintentional disconnection.

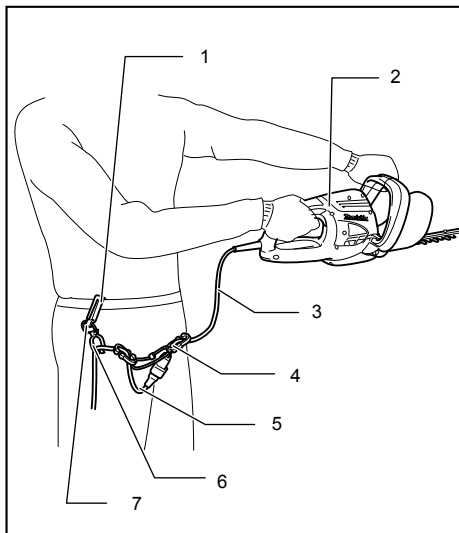
Waist cord hook

⚠CAUTION:

- Do not attach the holder of waist cord hook to other than the extension cord. Do not attach it in a position closer to the tool beyond the hook complete. Failure to do so may cause an accident or personal injury.
- When using the waist cord hook, use the extension cord as a standard equipment. Using an extension cord available in the market may cause an accident or injury.

- Attach firmly one hook of the hook complete to the tool's cord and the other hook of hook complete to the extension cord. Working with the tool with a sole hook only attached may cause an accident and injury.

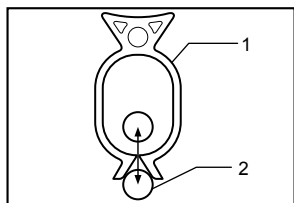
Using the waist cord hook helps to minimizing a risk of cutting off the extension cord unexpectedly caused by the loose extension cord.



1. Hook
2. Tool
3. Tool's cord
4. Hook complete
5. Extension cord
6. Holder
7. Waist cord hook

009278

Press in or pull out the cord through the opening of the holder.



007545

⚠CAUTION:

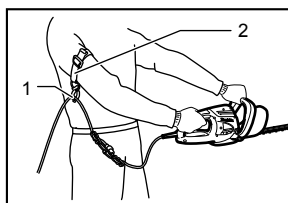
- Do not force the opening of the holder. Failure to do so may cause deflection and damage to it.

Arm cord hook (Accessory)

⚠CAUTION:

- Do not attach the holder of arm cord hook to other than the extension cord. Do not attach it in a position closer to the tool beyond the hook complete hooks. Failure to do so may cause an accident or personal injury.
- When using the arm cord hook, use the extension cord as a standard equipment. Using an extension cord available in the market may cause an accident or injury.
- Attach firmly one hook of the hook complete to the tool's cord and the other hook of hook complete to the extension cord. Working with the tool with a sole hook only attached may cause an accident and injury.

Using the arm cord hook helps to minimize a risk of cutting off the extension cord unexpectedly caused by the loose extension cord.



009294

1. Holder
2. Arm cord hook

Attach firmly the arm cord hook placing around your arm and pass the extension cord through the holder. The length of the arm cord hook band is adjustable.

NOTE:

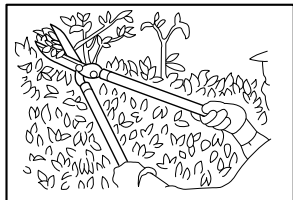
- Do not pass the extension cord through the band.
- Do not force the opening of the holder. Failure to do so may cause deflection and damage to it.
- Using the arm cord hook together with the waist cord hook is more helpful.

OPERATION

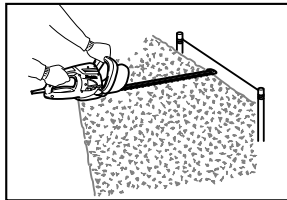
⚠CAUTION:

- Be careful not to accidentally contact a metal fence or other hard objects while trimming. The blade will break and may cause serious injury.
- Overreaching with a hedge trimmer, particularly from a ladder, is extremely dangerous. Do not work from anything wobbly or infirm.

Do not attempt to cut branches thicker than 10 mm diameter with this trimmer. These should first be cut with shears down to the hedge trimming level.



007559

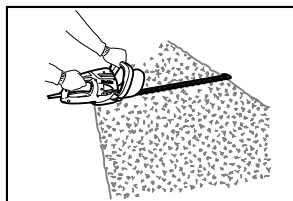


009286

⚠ CAUTION:

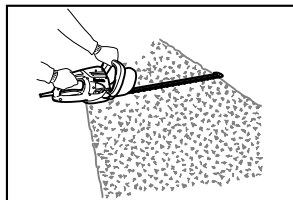
- Do not cut off dead trees or similar hard objects. Failure to do so may damage the tool.

Hold the trimmer with both hands pull the switch trigger A or B and move it in front of your body.

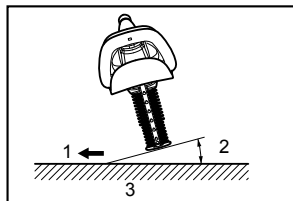


009283

As a basic operation, tilt the blades towards the trimming direction and move it calmly and slowly at the speed rate of 3 - 4 seconds per meter.



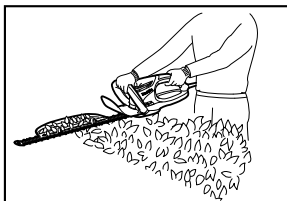
009284



009285

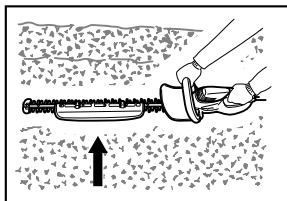
1. Trimming direction
2. Tilt the blades
3. Hedge surface to be trimmed

Attaching the chip receiver (accessory) on the tool when trimming the hedge straight can avoid cut off leaves' being thrown away.



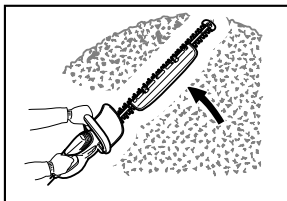
009287

To cut a hedge side evenly, it helps to cut from the bottom upwards.



009288

Trim boxwood or rhododendron from the base toward the top for a nice appearance and good job.



009289

To cut a hedge top evenly, it helps to tie a string at the desired hedge height and to trim along it, using it as a reference line.

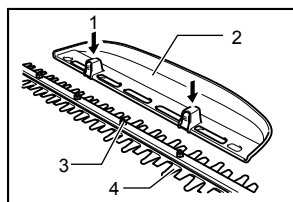
Installing or removing chip receiver (accessory)

⚠ CAUTION:

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

NOTE:

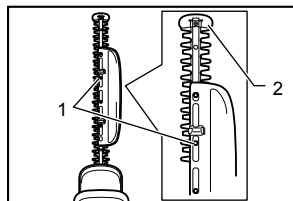
- When replacing the chip receiver, always wear gloves so that hands and face does not directly contact the blade. Failure to do so may cause personal injury.
- Always be sure that the tool is removing blade cover before installing chip receiver.
- The chip receiver receives cut-off leaves and alleviates collecting thrown-away leaves. This can be installed on either side of the tool.



1. Press
2. Chip receiver
3. Nut
4. Shear blade

009290

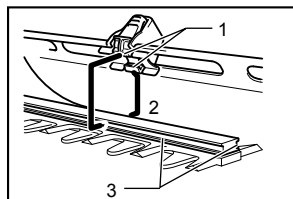
Press the chip receiver on the shear blades so that its slits overlap with the nuts on the shear blades. At this time, make sure that the chip receiver does not contact branch catcher at the top of the shear blades.



1. Nut
2. Branch catcher

009291

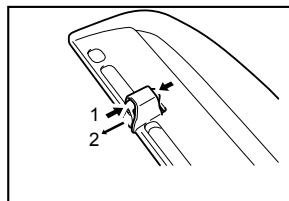
At this time, the chip receiver needs to be installed so that its hooks fit into grooves in the shear blade unit.



1. Hooks
2. Fit the hooks into groove
3. Grooves

009292

To remove the chip receiver, press its lever on both sides so that the hooks are unlocked.



1. Press the hooks on both sides
2. Unlock the hooks

009293

⚠ CAUTION:

- The blade cover (standard equipment) cannot be installed on the tool with the chip receiver being installed. Before carrying or storing, uninstall the chip receiver and then install the blade cover to avoid blade exposure.

NOTE:

- Check the chip receiver for secure installment before use.
- Never try to uninstall the chip receiver by an excessive force with its hooks locked in the blade unit grooves. Using the excessive force may damage it.

MAINTENANCE

⚠ CAUTION:

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

Cleaning the tool

Clean out the tool by wiping off dust with a dry or soap-dipped rag.

⚠ CAUTION:

- Do not use the gasoline, thinner, benzene or heating oil etc..

Blade maintenance

Smear the blade before and once per hour during operation using machine oil or similars.

After operation, remove dust from both sides of the blade with wired brush, wipe off it with a rag and then apply enough low-viscosity oil, such as machine oil etc. and spray-type lubricating oil.

⚠ CAUTION:

- Do not wash the blades in water. Failure to do so may cause rust or damage on the tool.

Removing or installing shear blade

⚠CAUTION:

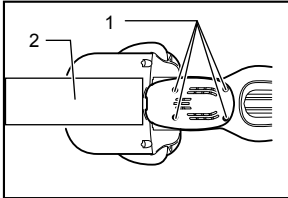
- Before removing or installing shear blade, always be sure that the tool is switched off and unplugged.
- When replacing the shear blade, always wear gloves without removing blade cover so that hands and face does not directly contact the blade. Failure to do so may cause personal injury.

NOTE:

- Do not wipe off grease from the gear and crank. Failure to do so may cause damage to the tool.
- For specific way of removing and installing shear blades refer to the reverse of a package for accessory shear blades.

Removing the shear blades

Reverse the tool and loosen four screws.



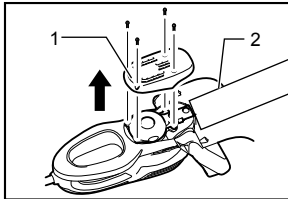
009295

1. Screws
2. Blade cover

NOTE:

- Be careful not to get your hands dirty as grease is applied in the shear blade driving area.

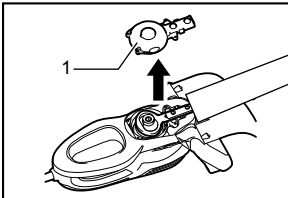
Remove the under cover.



009296

1. Under cover
2. Blade cover

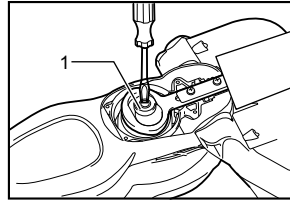
Remove the gear housing cover.



009297

1. Gear housing cover

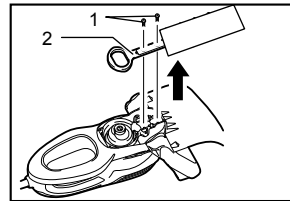
Set the crank at the angle as shown in the figure with a slotted bit screwdriver.



009298

1. Crank

Remove two screws from the shear blades and the shear blade unit will be taken out.



009299

1. Screws
2. Shear blade

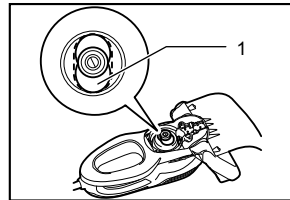
⚠CAUTION:

- Return the gear to the original position as it is if it should be taken off by mistake.

Installing the shear blade

Prepare 4 removed screws (For under cover), 2 screws (For shear blade), gear housing cover, under cover, and new shear blades.

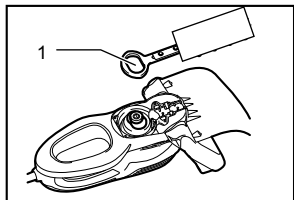
Adjust the crank position as shown in the figure. At this time, apply some grease provided with new shear blades to the periphery of the crank.



009300

1. Crank

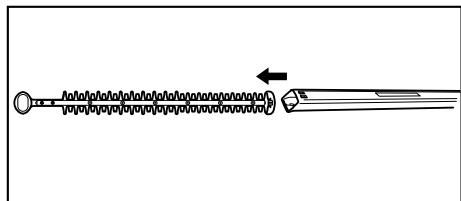
Overlap the oval hole in the upper blade with that in the lower one.



009301

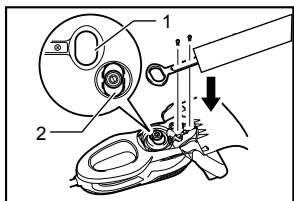
1. Ellipse of shear blade

Take out the blade cover from the old shear blades and fit it onto the new ones for easy handling during the replacement of blades.



009302

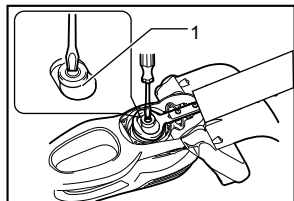
Place the new shear blades on the tool so that the oval holes in the shear blades fit onto the crank. Overlap the holes in the shear blades with the screw holes in the tool and then secure them with two screws.



009303

1. Ellipse of shear blade
2. Crank

Check the crank for smooth turn with a slotted bit screwdriver.



009304

1. Crank

Install the gear housing, under cover on the tool. Tighten the screw firmly.

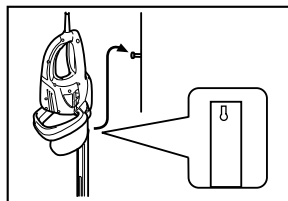
Remove the blade cover and then turn on the tool to check it for proper movement.

NOTE:

- When the shear blades does not operate properly, there is a poor fit between the blades and crank. Redo from the beginning.

Storage

The hook hole in the bottom of the blade cover is convenient for hanging the tool from a nail or screw on the wall.



009305

Put the blade cover on the shear blades so that the blades are not exposed. Store the tool out of the reach of children carefully.

Store the tool in the place not exposed to water and rain. 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.

- Extension cord
- Blade cover
- Hook complete
- Shear blade assembly
- Waist cord hook
- Arm cord hook

[illegible]

Makita Corporation Anjo, Aichi, Japan