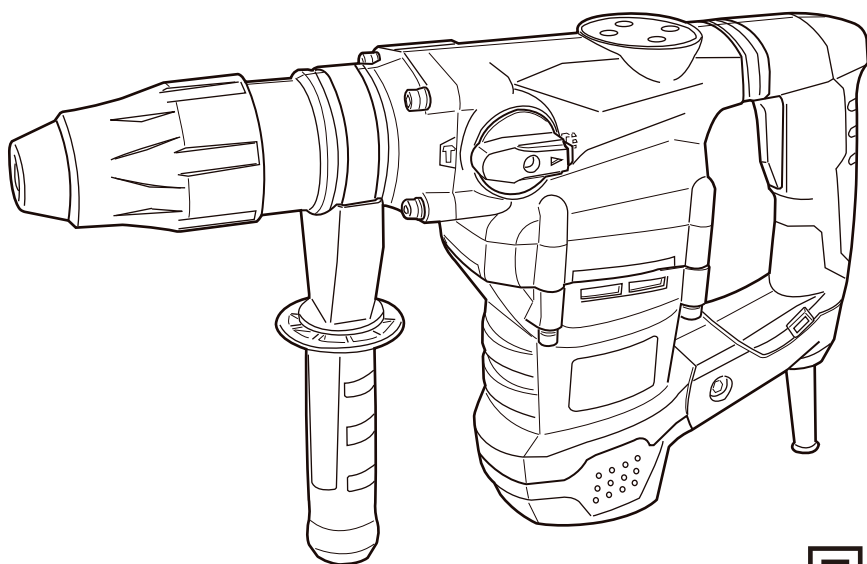
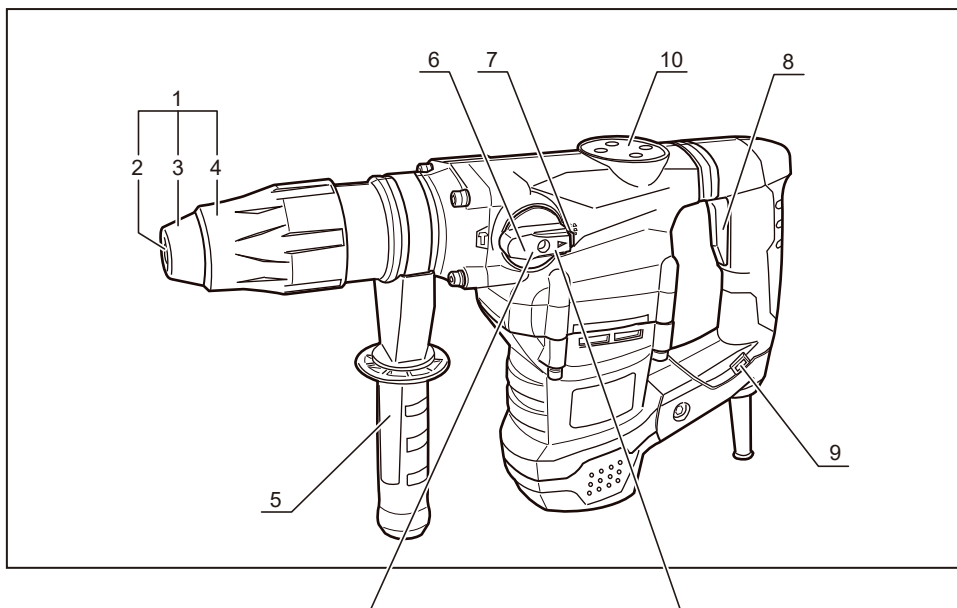




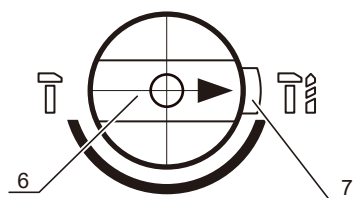
RH-1440

GB OWNER'S OPERATING MANUAL





ROTARY HAMMERING MODE



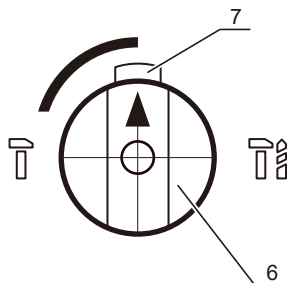
1

HAMMERING MODE

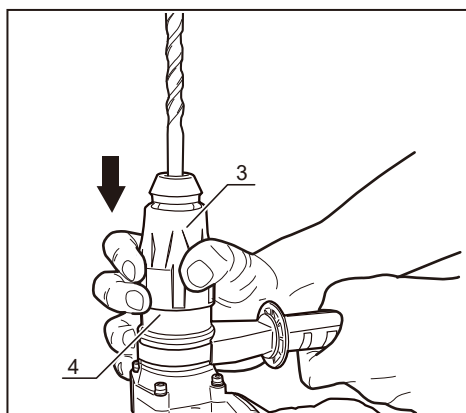


2

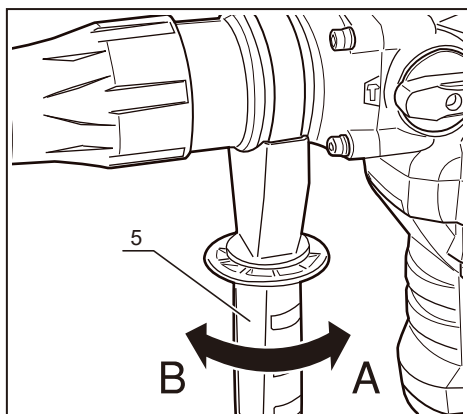
CHISEL ANGLE ADJUSTMENT POSITION



3



4



5

THANK YOU FOR BUYING OUR PRODUCT.

To ensure your safety and satisfaction, carefully read through this OWNER'S MANUAL before using the product.

General Power Tool Safety Warnings

WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below 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 corded or battery-operated (cordless) power tool.

1) Work area safety

- a) **Keep work area clean and well lit.** Cluttered and dark areas invite accidents.
- b) **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.
- c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety

- a) **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.
- b) **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.
- c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) **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.
- e) **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.
- f) **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.

3) Personal safety

- a) **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.
- b) **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.
- c) **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.
- d) **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.

- e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f) **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.
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of these devices can reduce dust-related hazards.
- h) **Do not let familiarity gained from frequent use of tools. Do not become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

4) Power tool use and care

- a) **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.
- b) **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.
- c) **Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) **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.
- e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) **Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from intended could result in a hazardous situation.
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

5) Service

- a) **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.

Specific Safety Rules

- a) **Wear ear protectors.** Exposure to noise can cause hearing loss.
- b) **Use auxiliary handles supplied with the tool.** Loss of control can cause personal injury.
- c) **Hold power tools 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 make exposed metal parts of the tool "live" and shock the operator.
- d) **Keep hands away from all cutting edges and moving parts.**
- e) **Maintain labels and nameplates.** These carry important information. If unreadable or missing, contact an Authorized Service Center for a free replacement.

WARNING!

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

1. lead from lead-based paint
2. crystalline silica from bricks and cement and other masonry products, and
3. 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.

ROTARY HAMMER SAFETY PRECAUTIONS

1. Mount the bit correctly as described in the operation instructions.
Unless properly mounted, the bit may shoot out.
2. Do not use on surfaces covering electrical wiring.
Before using on walls, floors or ceilings, check for the location of any electric wiring.
3. Hold the tool securely with both hands while operating. The tool may recoil, causing injury to your hands, if not held firmly.
4. Do not touch the bit as it becomes extremely hot during operation.
5. Never point the hammer bit towards any person.

INSTRUCTIONS FOR SAFE HANDLING

1. Make sure that the tool is only connected to the voltage marked on the name plate.
2. Never use the tool if its cover or any bolts are missing. If the cover or bolts have been removed, replace them prior to use. Maintain all parts in good working order.
3. Always secure tools when working in elevated positions.
4. Never touch the blade, drill bit, grinding wheel or other moving parts during use.
5. Never start a tool when its rotating component is in contact with the work piece.
6. Never lay a tool down before its moving parts have come to a complete stop.
7. **ACCESSORIES** : The use of accessories or attachments other than those recommended in this manual might present a hazard.
8. **REPLACEMENT PARTS** : When servicing use only identical replacement parts.

DESCRIPTION

1. SDS-max drill bit holder
2. Tool holder (SDS-max)
3. Dust protection cap
4. Locking sleeve
5. Auxiliary handle
6. Mode selector
7. Locking block
8. On/Off switch
9. Power-on indicator
10. Oil seal cap

SPECIFICATIONS

Power input	1400W
No load speed	580min ⁻¹
Impact rate	3700bpm
Impact energy	9J
Drilling capacity in concrete	40mm
Shank type	SDS-max
Net weight	7.3kg

STANDARD ACCESSORIES

18x320mm Point chisel
22x320mm Hammer drill bit

APPLICATIONS

(Use only for the purposes listed below.)

1. Drilling concrete.
2. Crushing, chipping, grooving and cornering concrete.
3. Starting holes and driving anchors.

SWITCH

This tool is started and stopped by squeezing and releasing the On/Off switch (8)

POWER-ON INDICATOR

The power-on indicator (9) turns on once the tool is connected to electric power supply. This warns the user that the tool is connected and will operate when the switch is pressed.

CHANGING THE ACTION MODE (Fig. 1, 2)

WARNING!

When switching operation modes. Please trigger ON/OFF switch slightly.

ROTARY HAMMERING MODE (Fig. 1)

Press and hold the locking block (7), and turn the mode selector (6) to "T" position.

HAMMERING MODE (Fig. 2)

Press and hold the locking block (7), and turn the mode selector (6) to "T" position.

ADJUSTING CHISEL ANGLE (Fig. 3)

The chisel can be locked in 12 positions.
Press and hold the locking block (7), and turn the mode selector (6) to upper position.
Rotate the chisel into the desired angle, and then turn the mode selector back to "T" position while pressing the locking block.

MOUNTING AND REMOVING THE BIT (Fig. 4)

MAKE SURE THAT THE TOOL IS DISCONNECTED FROM THE POWER SUPPLY. ONLY USE ACCESSORIES WITH CLEAN, GREASED INSERTION ENDS.

MOUNTING

1. Push the locking sleeve (4) toward the drill body and hold.
2. Insert the bit in a twisting manner into the dust protection cap (3) until latches itself.
3. Release the locking sleeve and pull the bit to ensure that it is secured.

REMOVING

1. Push the tool sleeve toward the drill body and hold.
2. Remove the bit from the front cap.

AUXILIARY HANDLE (Fig. 5)

The auxiliary handle (5) can be rotated 360°.

Loosen the handle grip by turning in direction B, and tighten it at an easy-to-use position by turning the grip in direction A.

DUST PROTECTION CAP

When drilling upward, push dust protection cap over the drill, with the open side showing towards the end of the bit. Empty as often as is required, and push over the drill again.

The dust protection cap largely prevents the entry of drilling dust into the tool holder during operation. When inserting the tool, take care that the dust protection cap is not damaged.

MAINTENANCE

1. For safe and proper working, always keep the machine and ventilation slots clean.
2. A damaged dust protection cap should be changed immediately. We recommend having this carried out by an after-sales service.
3. Approximately every 10 hours of operation, please check the grease reservoir as follow steps:
 - a) Lift the tap of oil seal cap (10), loosen the cap counter clockwise with fingers to open the grease reservoir.
 - b) Remove the corresponding amount of grease from container and press it into the reservoir.
 - c) Replace the oil seal cap to the grease reservoir and secure it by turning clockwise.
4. Worn carbon brushes are to be replaced only by a specialist workshop.

It is recommended that you take this tool to an Authorized Service Center for a through cleaning and lubrication at least once a year.

DO NOT MAKE ANY ADJUSTMENTS WHILE THE MOTOR IS IN MOTION.

ALWAYS DISCONNECT THE POWER CORD FROM THE RECEPTACLE BEFORE CHANGING REMOVABLE OR EXPENDABLE PARTS (BLADE, BIT, SANDING PAPER ETC.), LUBRICATING OR WORKING ON THE UNT.

WARNING!

To ensure safety and reliability, all repairs should be performed by an AUTHORIZED SERVICE CENTER or other QUALIFIED SERVICE ORGANIZATION.

SAVE THESE INSTRUCTION FOR FUTURE REFERENCE.



WARNING To reduce the risk of injury, user must read instruction manual "



Class II construction tool in which protection against electric shock does not rely on basic insulation only, but in which additional safety precaution, such as double insulation or reinforced insulation, are provided."

— NOTE —

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