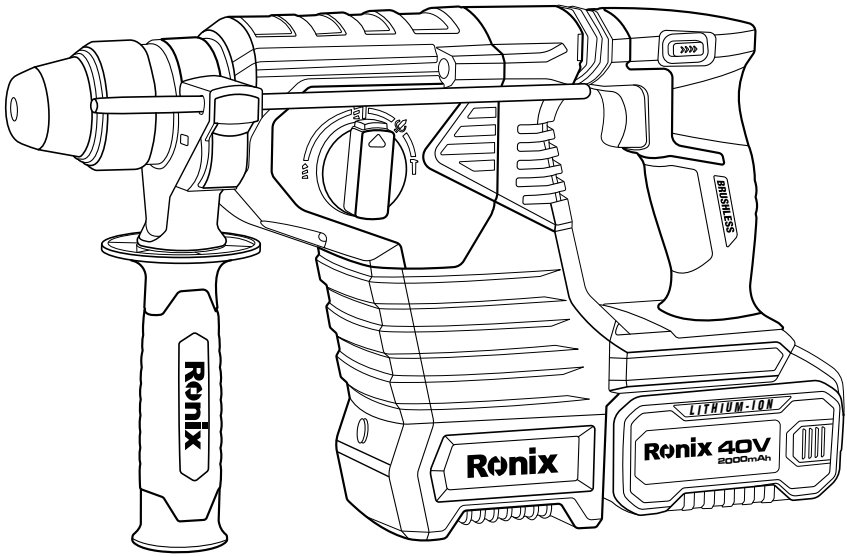
Ronix®
Premium Quality

40V BRUSHLESS
ROTARY HAMMER KIT 2.4J-28mm
8910-40V



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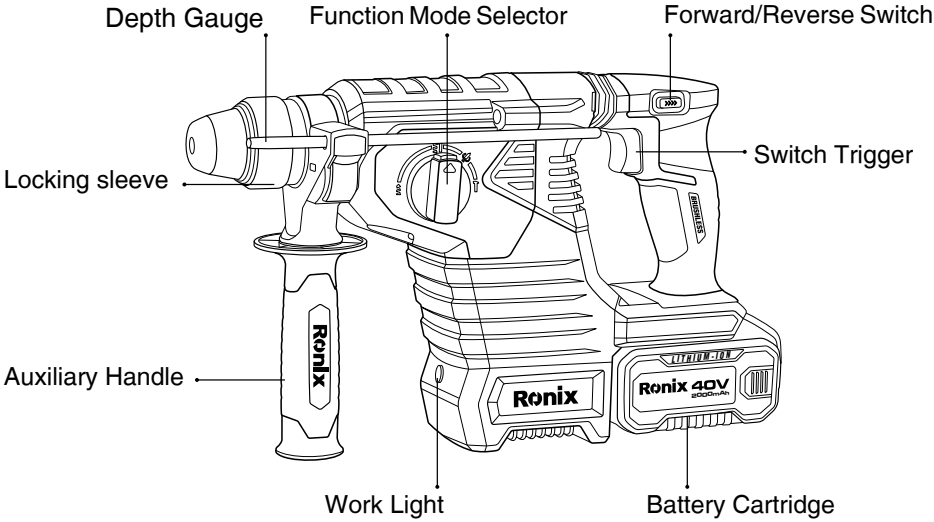
TECHNICAL SPECIFICATION

Model	**8910-40V**
Battery Type	lithium-ion
Battery Voltage	40V
Battery Capacity	2000 mAh
Motor Type	Brushless
Chuck Type	SDS-Plus
No-Load RPM	0-980 RPM
Impact Rate	0-4500 BPM
Impact Energy	2.4J
Max Capacity In Wood	28mm
Max Capacity In Steel	13mm
Max Capacity In Concrete	26mm
Body Material	Nylon(PA6+GF30)
Weight	3.48Kg(With 1pc Battery)
Packaging	BMC
Accessories	2pcs Battery Packs 1pc Charger 1pc Auxiliary Handle 1pc Depth Gauge

PART LIST



GENERAL POWER TOOL SAFETY WARNING

WARNING:

Read all safety warnings, instructions, and regulations provided with the electric tool. Failure to follow the instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference. The term "electric tool" in the warning refers to a commercially available (wired) electric tool or a battery-powered (wireless) electric tool.

▪WORK AREA SAFETY

- Keep the workplace clean and bright. Disordered and dark places can cause accidents.
- Do not operate electric tools in explosive environment, such as flammable liquid, gas or dust. Sparks generated by electric tools can ignite dust or gas.

- Keep away from children and bystanders when operating electric tools. Lack of concentration will make you lose control of tools.

▪ELECTRICAL SAFETY

- Avoid human contact with grounding surfaces, such as pipes, cooling fins and refrigerators. If you touch the ground surface, you will increase the risk of electric shock.
- Do not expose electric tools to rain or damp environment. Water entering electric tools will increase the risk of electric shock.
- Do not abuse the cord. Never carry, pull or unplug electric tools with flexible cords. Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or twisted cords can increase the risk of electric shock.
- When using electric tools outdoors, use extension cables suitable for outdoor use. Wires suitable for outdoor use will reduce the risk of electric shock.
- 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 electric shock.

▪PERSONAL SAFETY

- Keep alert, pay attention to the operation and keep awake when operating electric tools. Do not operate electric tools when you feel tired, or have drug, alcohol or treatment reactions. Transient negligence in the operation of electric tools can cause serious personal injury.
- Use personal protective equipment. Always wear goggles. Protective devices, such as the use of dust masks, anti-slip safety shoes, safety helmets, hearing protection and other devices under appropriate conditions, can reduce personal injury.
- Prevent accidental starting. Make sure the switch is in the off position before connecting the power supply and/or battery pack, picking up or handling tools. Danger can be caused by putting your fingers on the switch to handle the tool or energizing the switch when it is on.
- Remove all adjustment keys or wrenches before the power tool is

turned on. Wrenches or keys left on rotating parts of electric tools can cause personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Don't stretch your hands too far. Always pay attention to foothold and body balance. This can better control the electric tools in case of accidents.
- Dress properly. Do not wear loose clothes or accessories. Keep your hair and clothes away from moving parts. Loose clothing, accessories or long hair may get caught in moving parts.
- If a device is provided to connect with the chip removal and dust collection equipment, ensure that it is well connected and properly used. The use of dust collection devices can reduce the danger caused by dust.

POWER TOOL USE AND CARE

- 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.
- 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.
- 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.
- 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.
- 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.

- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- 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.

BATTERY TOOL USE AND CARE

- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- 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 burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

SERVICE

- 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.
- Follow instruction for lubricating and changing accessories.
- Keep handles dry, clean and free from oil and grease.

CORDLESS ROTARY HAMMER SAFETY WARNING

- Wear ear protectors. Exposure to noise can cause hearing loss.
- Use auxiliary handle(s), if supplied with the tool. Loss of control can cause personal injury.
- Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.
Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- Wear a hard hat (safety helmet), safety glasses and/or face shield. Ordinary eye or sun glasses are NOT safety glasses. It is also highly recommended that you wear a dust mask and thickly padded gloves.
- Be sure the bit is secured in place before operation.
- Under normal operation, the tool is designed to produce vibration. The screws can come loose easily, causing a breakdown or accident.
Check tightness of screws carefully before operation.
- In cold weather or when the tool has not been used for a long time, let the tool warm up for a while by operating it under no load. This will loosen up the lubrication. Without proper warm-up, hammering operation is difficult.
-Always be sure you have a firm footing. Be sure no one is below when using the tool in high locations.
- Hold the tool firmly with both hands.
-Keep hands away from moving parts.
- Do not leave the tool running. Operate the tool only when hand-held.
- Do not point the tool at any one in the area when operating. The bit could fly out and injure someone seriously.
- Do not touch the bit or parts close to the bit immediately after operation; they may be extremely hot and could burn your skin.
- Some material contains chemicals which may be toxic. Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data.

SAVE THESE INSTRUCTION

⚠ WARNING:

DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product. MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY CARTRIDGE

- Before using battery cartridge, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.
- Do not disassemble battery cartridge.
- If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.
- If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away. It may result in loss of your eyesight.
- Do not short the battery cartridge:

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.

▪ **A battery short can cause a large current flow, overheating, possible burns and even a breakdown.**

- Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 50ºC (122ºF).
- 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.
- Be careful not to drop or strike battery.
- Do not use a damaged battery.

▪TIPS FOR MAINTAINING MAXIMUM BATTERY LIFE

- Charge the battery cartridge before completely discharged.

Always stop tool operation and charge the battery cartridge when you notice less tool power.

- Never recharge a fully charged battery cartridge.

Overcharging shortens the battery service life.

- Charge the battery cartridge with room temperature at 10ºC - 40ºC (50ºF - 104ºF). Let a hot battery cartridge cool down before charging it.
- Charge the battery cartridge once in every six months if you do not use it for a long period of time.

FUNCTIONAL DESCRIPTION

⚠ CAUTION!

Always be sure that the tool is switched off and the battery cartridge is removed before adjusting or checking function on the tool.

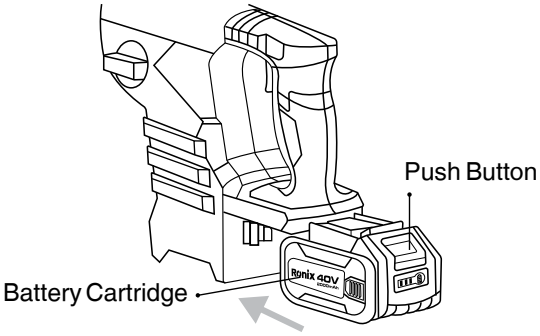
INSTALLING OR REMOVING BATTERY CARTRIDGE

⚠ CAUTION:

Always switch off the tool before installing or removing of the battery cartridge.

⚠ CAUTION:

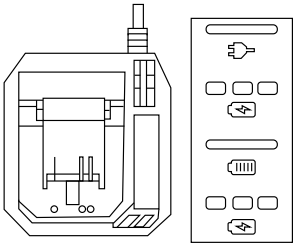
Hold the tool and the battery cartridge firmly when installing or removing battery cartridge. Failure to hold the tool and the battery Cartridge firmly may cause them to slip off your hands and result in damage to the tool and battery cartridge and a personal injury.



To remove the battery cartridge, slide it from the tool while sliding the button on the front of the cartridge.
To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slid it into place. Insert it all the way until it locks in place with a little click. If you can see the red indicator on the upper side of the button, it is not locked completely.

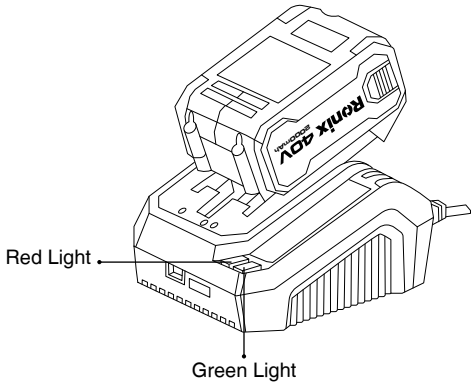
CHARGING A BATTERY

WARNING:
Place the battery pack and charger on a flat non-flammable surface and away from flammable material when re-charging the battery pack.
- Insert the plug on the charging unit into a power socket and turn the power on if required.



- The charging output interface insert battery of charging port.

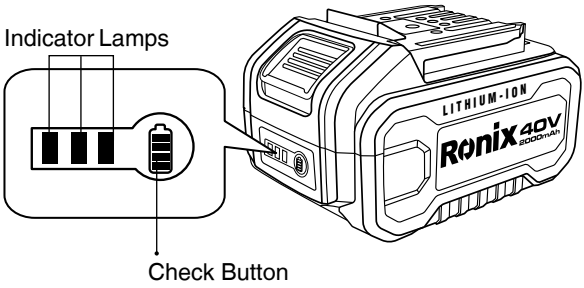
Note: The battery will require 1 hours charging time after normal use. If the battery voltage≤ 14.5V it will enter into pre-charging mode, in which the internal current of the charger is reduced and the charger fan does not work.



Charger Operating Mode	Red Light	Green Light
Standby Mode	ON	OFF
Charging Mode	OFF	Flashing 1Hz
Charging Ending Mode	OFF	ON
Preparatory Charging Mode	OFF	Flashing 1Hz
Battery Failure	Flashing 2Hz	OFF
Over Temperature Fault	Flashing 1Hz	OFF

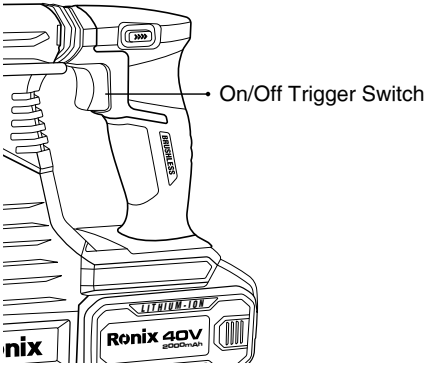
NOTE:

Press the check button on the battery cartridge to Indi-cate the remaining batter y capacity. The indicator lamps light up for a few seconds.



Indicator lamps		Remaining Capacity
■ Lighted	□ OFF	
■ ■ ■		66% to 100%
■ ■ □		33% to 66%
■ □ □		0% to 33%

START CORDLESS HAMMER



Squeeze the trigger switch to start the tool. And allow the tool reaches full speed before beginning drilling.
After completing your drilling release the trigger switch, allow the bit to come to a complete stop before setting the tool down.
This tool has a variable speed switch that delivers higher speed and torque with increased Tigger pressure. Speed is controlled by the amount of switch trigger depression.
The variable speed feature is particularly useful when driving screws. It also enables you to select the best speed for a particular application.

NOTE:
It is recommended to use the variable speed feature for a short time

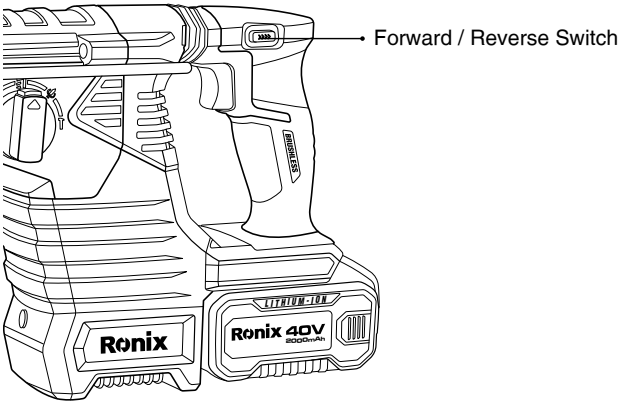
only. Do not continuously operate the tool at different speeds. It may damage the switch.

⚠ WARNING:

Please start the tool for 2-3 minutes first before use, while the temperature is below zero and there is no impact phenomenon after you turn on the tool.

FORWARD/REVERSE ADJUSTMENT

For forward (clockwise) rotation. push the forward/reverse switch to the right position.

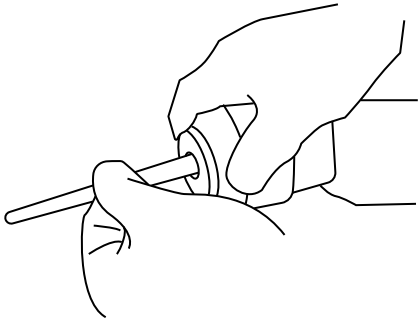


For reverse (counterclockwise) rotation, push the forward/reverse switch to the left position as shown.

Although an interlock prevents reversing the tool while the motor is running.

If forward/reverse switch is on the central position, the tool cannot be switched on.

TO INSTALL THE BIT



WARNING:
Always wear sturdy gloves when handling or changing drill and chisel bits as they can be very sharp.

FOR SDS DRILL BIT

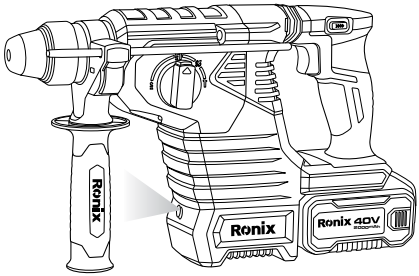
To fit a bit, pull back the locking sleeve and hold it, push and rotate the bit into the bit holder as far as it will go, taking care that the splines on the shaft of the bit locate properly within the chuck.
Test for proper location by releasing the locking sleeve and giving the bit a sharp pull. If the bit can be removed, again pull back the locking sleeve, rotate the bit a fraction of a turn and re-insert it into the chuck.
Release the locking sleeve and again test for proper location. Repeat if necessary until you are sure that the bit is properly secured.
To remove the bit, pull back the locking sleeve, remove the bit, and release the locking sleeve.

FOR HSS TWIST DRILL BIT, SCREWDRIVER BIT AND BIT HOLDER

To fit the bit, rotate the locking sleeve clock wise for about 90, pull back the locking sleeve and hold it, push and rotate the bit into the bit holder as far as it will go.

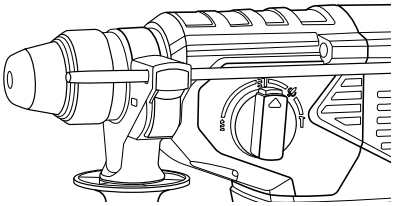
To remove the bit, rotate the locking sleeve clockwise for about 90, pull back the locking sleeve and hold it, remove the bit, and release the locking sleeve.

LED WORK LIGHT



The tool has an LED light to illuminate the work area and improve vision when working in areas with insufficient light. The LED light will switch on automatically while the trigger switch is depressed.
If the LED work light begins to rapidly and continuously flash when the switch on the tool is depressed, the battery-pack power has run out, and the battery pack should be recharged.

SELECTING THE RIGHT FUNCTION



⚠ WARNING:
Do not attempt to change the position of the selectors when the motor is running. Doing this will cause serious damage to the tool and possible injury to the operator.
It is possible to use the hammer drill in two different modes.
To select the required mode of operation, turn the selector to the

positions indicated.

SCREW DRIVING

Install the correct driver bit. Ensure that the drill/ hammer selection knob is set to drill mode.
Use the correct speed for the job and apply minimal pressure to the trigger initially.
Only increase the speed when full control can be maintained.
Keep sufficient pressures on the drill to prevent the bit turning out of the screw head. The screw head can easily become damaged making it difficult to drive it home or even remove it.

▪HOLE DRILLING

When attempting to drill a large diameter hole, it is sometimes best to start with a smaller drill bit then work up to the required size. This prevents overloading the drill.
If the drill bit snags, switch off immediately to prevent permanent damage to the drill. Try running the drill in reverse to remove the bit.
Keep the drill in line with the hole. Ideally, the drill bit should enter at right angles to the work. If the angle is changed during drilling, this could cause the bit to snap off blocking the hole and perhaps causing injury.
Reduce pressure as the drill is about to break through the item being drilled. Don't force the tool, let it work at its own pace. Keep the bit sharp.

▪DRILLING WOOD

For maximum performance when drilling larger holes, use auger bits or spade bits for wood drilling. Set the tool to the drill mode.
Begin drilling at a very low speed to prevent the bit from slipping off the starting point. Increase the speed as it bites into the wood.
When drilling through holes, place a block of wood behind the work piece to prevent ragged or splintered edges on the back of the hole.

▪DRILLING METALS

For maximum performance, use HSS drill bits for metal drilling.
Set the tool to the drill mode. Mark off the center of the hole using a center punch. Use a suitable lubricant for the material you are working on.
Begin drilling at a very low speed to prevent the bit from slipping off the starting point.
Always clamp sheet metal. Support thin metal with a block of wood to avoid distorting it.

▪DRILLING MASONRY

For maximum performance, use high quality carbide-tipped masonry drill bits when drilling holes in brick, tile, concrete etc.
Use the drilling setting initially then revert to the hammer action once the holes are established. When drilling holes in tile, practice on a scrap piece to determine the best speed and pressure.

⚠ NOTE:

reverse rotation during impact drilling may damage the tool and drill bit.

TOOL MAINTENANCE

⚠ WARNING:

Before any work on the machine itself. remove the battery pack from the drill.
- Inspect bolts periodically. If the bolts loosen, tighten them immediately, or will result in serious accident.
- Inspect tool cords periodically. If damaged, have repaired at your nearest Authorized Service Center.
- Keep the vents clean. Clean all parts of the tool, clean dust periodically. To prevent debris from entry.
- Replace the carbon brush when the carbon brush is worn out in certain length and motor stops running. All maintenance should be carried Out by Authorized Service Center, and only use identical manufacturer

repair parts.
- All service MUST only be performed by Authorized Service Center. ALWAYS use only accessories that are recommended for this tool.
- Cleaning Avoid the use of plastic cracks caused by damage to the solvent. Use clean cloths and mild soap to remove dirt, dust, etc.

⚠ WARNING:
Do not allow the water entering which will result in shock. The motor and the tool all immersed in the ware. Motor malfunction and electric.

ENVIRONMENT PROTECTION

- Tool, accessories and packaging should be sorted for environment -friendly recycling.
- Power tools and accessories at the end of their service life still contains large amounts of valuable raw materials and plastics which can likewise be fed back into a recycling process.
- Some dust created by working contains harmful chemicals must be collected by special garbage recycle site.
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