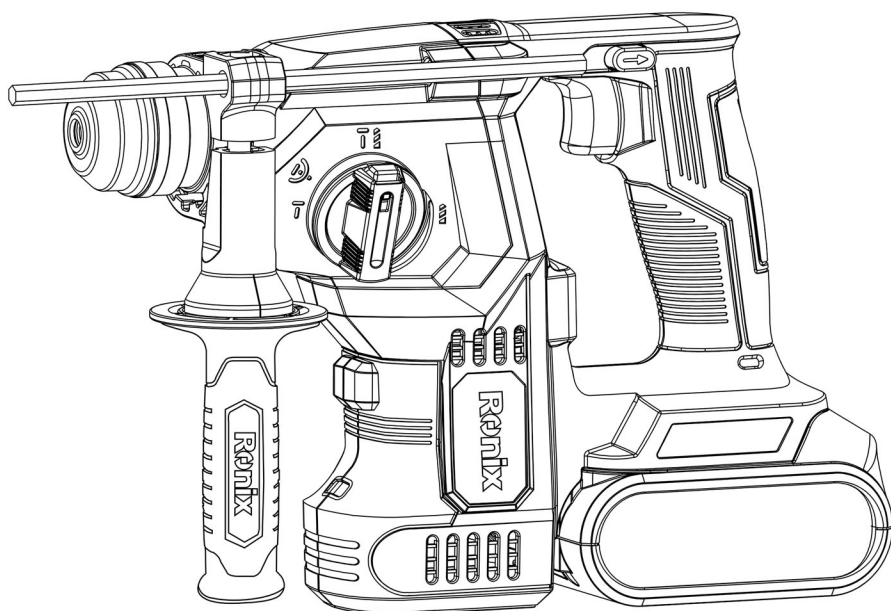


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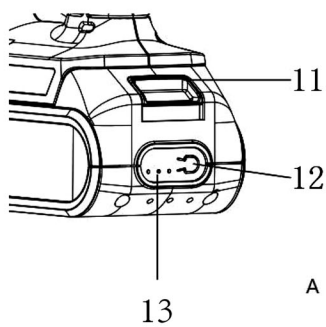
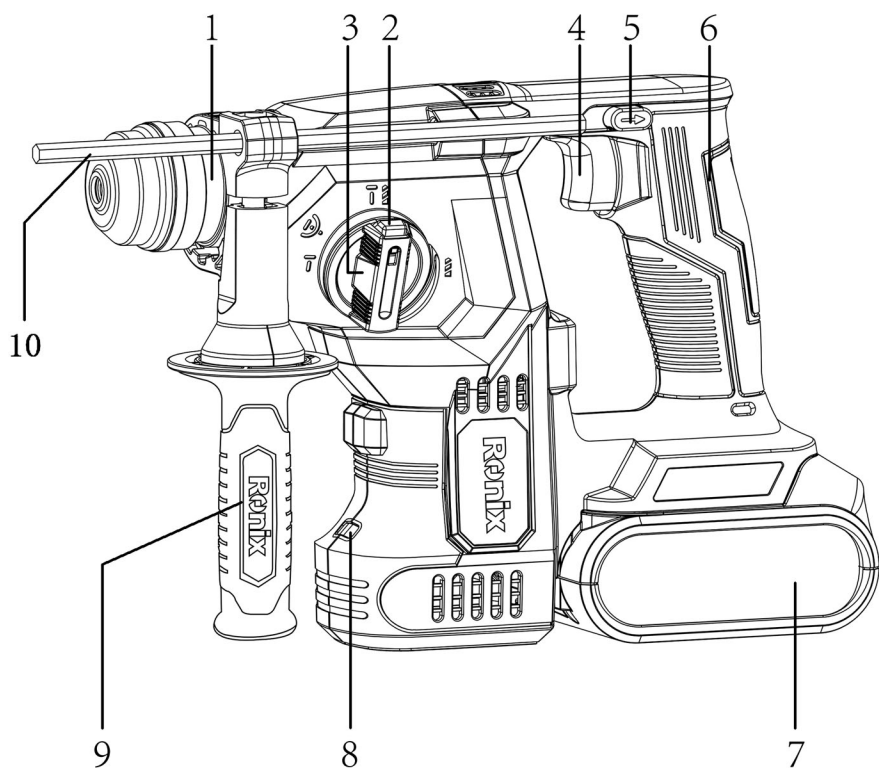
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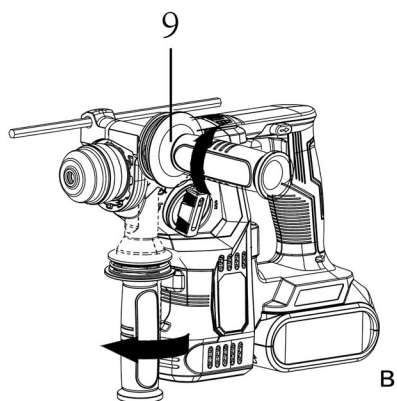
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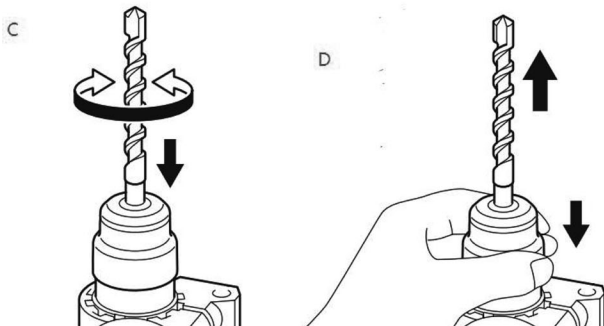
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A



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English

Safety Notes

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

Keep work area clean and well lit. Cluttered or dark areas invite accidents.

Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical safety

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.

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.

Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

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 and moving parts. Damaged or entangled cords increase the risk of electric shock.

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.

If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

Personal safety

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.

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.

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.

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.

Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

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.

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

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.

Hammer Safety Warnings

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.

Use appropriate detectors to determine if utility lines are hidden in the work area or call the local utility company for assistance. Contact with electric lines can lead to fire and electric shock. Damaging a gas line can lead to explosion. Penetrating a water line causes property damage.

When working with the machine, always hold it firmly with both hands and provide for a secure stance. The power tool is guided more secure with both hands.

Secure the workpiece. A workpiece clamped with clamping devices or in a vice is held more secure than by hand.

Always wait until the machine has come to a complete stop before placing it down. The tool insert can jam and lead to loss of control over the power tool.

Do not open the battery. Danger of short-circuiting.



Protect the battery against heat, e. g., against continuous intense sunlight, fire, water, and moisture. Danger of explosion.

In case of damage and improper use of the battery, vapours may be emitted. Ventilate the area and seek medical help in case of complaints. The vapours can irritate the respiratory system.

Use the battery only in conjunction with your Bosch power tool. This measure alone protects the battery against dangerous overload.

The battery can be damaged by pointed objects such as nails or screwdrivers or by force applied externally. An internal short circuit can occur and the battery can burn, smoke, explode or overheat.

Product Description and Specifications



Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Intended Use

The machine is intended for hammer drilling in concrete, brick and stone, as well as for light chiselling work. It is also suitable for drilling without impact in wood, metal and plastic. Machines with electronic control and right/left rotation are also suitable for screwdriving.

Product Features

The numbering of the product features refers to the illustration of the machine on the graphics page.

- 1 Quick change keyless chuck
- 2 Release button for mode selector switch
- 3 Mode selector switch
- 4 On/Off switch
- 5 Rotational direction switch
- 6 Handle (insulated gripping surface)
- 7 Battery pack
- 8 Worklight
- 9 Auxiliary handle (insulated gripping surface)
- 10 Depth stop
- 11 Battery unlocking button
- 12 Button for charge-control indicator
- 13 Battery charge-control indicator

Technical Data

Rotary Hammer		8911K
Right/left rotation		●
Rated voltage	V=	20
Impact rate	min ⁻¹	4800
Impact energy per stroke according to EPTA-Procedure 05/2009	J	1.7
Rated speed	min ⁻¹	1350
Tool holder		SDS-plus
Drilling diameter, max.:		
– Concrete	mm	22
– Steel	mm	13
– Wood	mm	28
Weight	kg	1.7
Permitted ambient temperature		
– during charging	°C	0...+45
– during operation ²⁾ and during storage	°C	–20...+50
Batteries		20V4Ah...
Chargers		DC2002..
– Input:		220V-240VAC 50-60Hz
– Output:		20VDC-2A
limited performance at temperatures < 0 °C		

Assembly

Battery Charging (see figure A)

Use only the battery chargers DC2002

Only these battery chargers are matched to the lithium-ion battery of your power tool.

Note: The battery supplied is partially charged. To ensure full capacity of the battery, completely charge the battery in the battery charger before using your power tool for the first time.

The lithium-ion battery can be charged at any time without reducing its service life. Interrupting the charging procedure does not damage the battery.

To remove the battery 7:

- Press the battery unlocking button 11 again and pull out the battery completely.

Battery Charge-control Indication

The three green LEDs of the battery charge-control indicator 12 indicate the charge condition of the battery 7. For safety reasons, it is only possible to check the status of the charge condition when the machine is at a standstill.

- Push button 11 to indicate the charge condition (also possible when the battery is removed). The battery charge-control indicator automatically goes out after approx. 0.5 seconds.

LED	Capacity
Continuous lighting 3 x green	<2/3
Continuous lighting 2 x green	<1/3
Continuous lighting 1 x green	<1/3

When no LED lights up after pushing button **11**, then the bat-tery is defective and must be replaced.

Auxiliary Handle

Operate your machine only with the auxiliary handle **9**.

Changing the position of the auxiliary handle (see figure B)

The auxiliary handle **9** can be set to any position for a secure and low-fatigue working posture.

- Turn the bottom part of the auxiliary handle **9** in counter-clockwise direction and swivel the auxiliary handle **9** to the desired position. Then retighten the bottom part of the auxiliary handle **9** by turning in clockwise direction.

Pay attention that the clamping band of the auxiliary handle is positioned in the groove on the housing as intended for.

Inserting (see figure C)

Clean the shank and apply bit oil before installing the bit. Insert the drill bit into the tool, rotate and push it in until it engages. After installation, be sure to pull the drill bit outward as far as possible to confirm whether the drill bit is fixed in place .

Removing (see figureD)

When removing the drill bit, pull the chuck housing down until the drill bit is pulled out.

Operation

Starting Operation

Inserting the battery

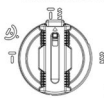
- Set the rotational direction switch **5** to the centre position to protect the power tool against accidental starting.
- Insert the charged battery pack **7** from the rear into the base of the power tool.

Setting the operating mode

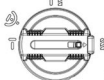
The operating mode of the power tool is selected with the mode selector switch **3**.

Note: Change the operating mode only when the machine is switched off! Otherwise, the machine can be damaged.

- To change the operating mode, push the release button **2** and turn the mode selector switch **3** to the requested position until it can be heard to latch.



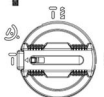
Position for **hammer drilling** in concrete or stone



Position for **drilling** without impact in wood, metal, ceramic and plastic as well as for screwdriving



Vario-Lock position for adjustment of the chiselling position



The mode selector switch **13** does not latch in this position. Position for **chiselling**

Switching On and Off

To save energy, only switch the power tool on when using it.

- To **start** the machine, press the On/Off switch **4**.

When starting the machine for the first time, a starting delay is possible, as the electronic system of the power tool has to configure itself first.

- To **switch off** the machine, release the On/Off switch **4**. **Setting the Speed/Impact Rate**

The speed/impact rate of the switched on power tool can be variably adjusted, depending on how far the On/Off switch **4** is pressed.

Light pressure on the On/Off switch results in low speed/impact rate. Further pressure on the switch increases the speed/impact rate.

Recommendations for Optimal Handling of the Battery

Protect the battery against moisture and water.

Store the battery only within a temperature range between

– 20 °C and 50 °C. As an example, do not leave the battery in the car in summer.

Occasionally clean the venting slots of the battery using a soft, clean and dry brush.

A significantly reduced working period after charging indicates that the battery is used and must be replaced.

Observe the notes for disposal.

Maintenance and Service

Maintenance and Cleaning

Before any work on the machine itself (e. g. maintenance, tool change, etc.) as well as during transport and storage, remove the battery from the power tool. There is danger of injury when unintentionally actuating the On/Off switch.

For safe and proper working, always keep the machine and ventilation slots clean.

A damaged dust protection cap should be changed immediately. We recommend having this carried out by an after-sales service.

Transport

The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements. The user can transport the batteries by road without further requirements.

When being transported by third parties (e. g.: air transport or forwarding agency), special requirements on packaging and labelling must be observed. For preparation of the item being shipped, consulting an expert for hazardous material is required.

Dispatch batteries only when the housing is undamaged. Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging. Please also observe possibly more detailed national regulations.

Disposal



The machine, rechargeable batteries, accessories and packaging should be sorted for environmental-friendly recycling.



Do not dispose of power tools and batteries/re-chargeable batteries into household waste!

Battery packs/batteries:

Li-ion:

Please observe the instructions in section "Transport".

Subject to change without notice.

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