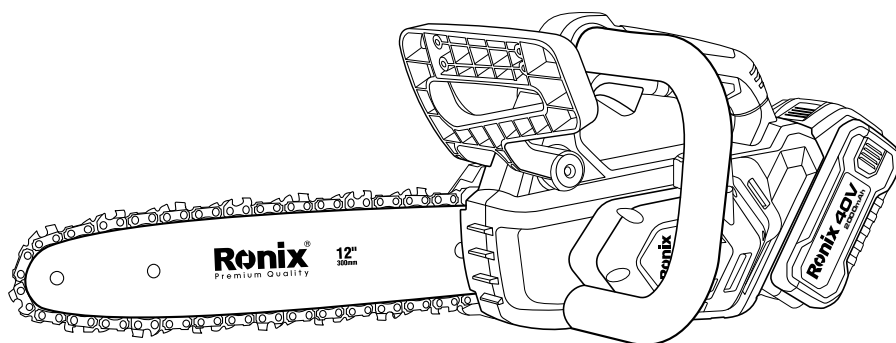


Ronix®

Premium Quality

40V BRUSHLESS CORDLESS CHAINSAW KIT 30cm 8923-40V

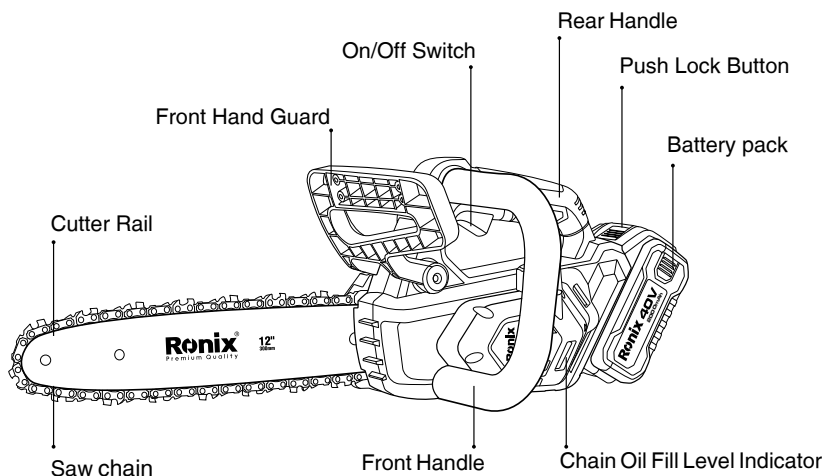


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TECHNICAL SPECIFICATION

Model	8923-40V
Battery Type	Lithium-ion
Battery Voltage	40V
Battery Capacity	2000mAh
Maximum Cutting Diameter	265mm
Chain Size	12"
Chain Bar Length	300mm
Max. Cutting Capacity (Round Workpiece)	265mm
Max. Cutting Capacity (Rectangular Workpiece)	235×235 mm
No-Load Speed	6200RPM
Chain Speed	8m/s
Oil Tank Capacity	70ml
Runtime	1 hour
Cuts Per Battery Charge	0.05%
Charging Time	1hour
Noise Level	95dB
Weight	2.88Kg(With 1pc Battery)
Accessories	2pcs Battery Packs 1pc Charger 1pc 12" Chain 1pc Guide Bar 1pc Bar Cover

PART LIST



DANGER!

When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating instructions and safety regulations with due care.

Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, hand over these operating instructions and safety regulations as well.

We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety instructions.



- 1- Read the operating instructions.
- 2- On all jobs performed with the saw, you must always wear safety goggles to guard your eyes from flying chips/materials/objects and a sound-proof the like to protect your hearing. Always wear a safety helmet, because there is a risk of objects falling on you from above.
- 3- The user must wear tight-fitting clothing and protective gear to prevent cuts to the hands, lower arms, legs and feet.
- 4- Do not expose the device to rain.
- 5- Maximum cutting length / chain speed.
- 6- Unlock the chain brake before putting into operation!
- 7- Store the battery only in dry rooms with an ambient temperature of +10°C to +20°C. Place only charged batteries in storage (Charged at least 40%).
- 8- The batteries must be removed from the tool before it is disposed of. How to dispose of batteries: Batteries are not allowed in household waste.
- 9- Always hold the cordless chainsaw firmly with both hands.
- 10- Kick-back might result in fatal injuries from cuts.
- 11- This particular type of power saw is allowed to be used only for tree care by persons who are specially trained.
- 12- Warning! Danger!

ENVIRONMENT

DISPOSAL



Your product, accessories and packaging should be sorted for environmental-friendly recycling.

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 mains-operated (corded) power tool or battery-operated (cordless) power tool.

■WORK AREA SAFETY

- a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- b) Do not operate cordless 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(cordless) tool. Distractions can cause you to lose control.

■ELECTRICAL SAFETY

- a) Use a special and suitable battery for this tool. With this, the possibility of tool explosion and damage to the user is greatly reduced.
- 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(cordless) tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

■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 a 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 energizing 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 jewelry. Keep your hair and clothing away from moving parts. Loose clothes, jewelry 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 dust collection can reduce dust-related hazards.

h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

■ POWER(CORDLESS) TOOL USE AND CARE

a) Do not force the power(cordless) 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 by Ronix Service Center.

c) Remove the battery pack, if detachable, from the cordless tool before making any adjustments, changing accessories, or storing power(cordless) tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) Store idle power(cordless) tools out of the reach of children and do

not allow persons unfamiliar with the power(cordless) tool or these instructions to operate the power(cordless) tool. power(cordless) tools are dangerous in the hands of untrained users.

e) Maintain power(cordless) tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power(cordless) tool's operation. If damaged, have the power(cordless) tool repaired before use. Many accidents are caused by poorly maintained power(cordless) 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(cordless) 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.

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.

■ BATTERY TOOL USE AND CARE

a) Recharge only with the charger specified by the Ronix. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

c) 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.

d) 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.

- e) Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- f) Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C may cause explosion.
- g) Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

■ SAFETY FUNCTIONS

- The specially developed safety features of the LOW-KICKBACK CHAIN SAW will help you reduce and absorb the force created by a kickback.
- The front hand guard (chain brake) protects the left hand of the operator if it slips off the front handle while the saw is running. The CHAIN BRAKE is a safety function that reduces injuries caused by kickback by stopping a running saw chain in milliseconds. It is activated by the front hand guard (chain brake).
- The ON/OFF SWITCH stops the motor as soon as it is switched off.
- The SAFETY LOCK-OFF prevents the motor being turned on accidentally. The ON/OFF SWITCH can only be pressed if the safety lock-off is also pressed.
- The CHAIN CATCH reduces the risk of injuries if the saw chain breaks or slips while the motor is running. The chain catch is designed to catch a chain that is wrapping around itself.



NOTE:

Familiarize yourself with the saw and its parts.



DANGER!

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

PROPER USE

Danger! This chainsaw is a special type of chain-saw intended specifically for tree care.

During use, the rear handle should be held in the right hand and the front handle should be held in the left hand. It should only be operated by fully trained users to remove branches and to cut off the tops of standing trees.

Persons using the chain-saw must have read and understood the safety requirements contained in the operating instructions, and they must wear appropriate personal protective equipment (PPE).

The chainsaw must only be operated by persons who are fully trained for this type of chainsaw. The user must be trained in all manual chainsaw work skills. This chainsaw is not intended for use in other types of applications.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

DANGER!

Sound and vibration

Sound and vibration values were measured in accordance with EN 62841-1 and EN ISO 11681-2.

LpA sound pressure level : 73.33 dB(A)

KpA uncertainty: 3 dB LWA sound power level: 93.33 dB(A) KWA uncertainty: 0.77 dB, LWA sound power level guaranteed 94 dB(A).

■ WEAR EAR-MUFFS

The impact of noise can cause damage to hearing. Total vibration values (Vector sum of three directions) were determined in accordance with EN 62841-1 and EN ISO 11681-2.

Handle under load Vibration emission value 26 front handle
ah = 4.215 m/s²

Vibration emission value rear handle

$a_h = 4.327 \text{ m/s}^2$

K uncertainty = 1.5 m/s^2

The stated vibration emission levels and stated noise emission values were measured in accordance with a set of standardized criteria and can be used to compare one power tool with another. The stated vibration emission levels and stated noise emission values can also be used to make an initial assessment of exposure.

WARNING!

The vibration and noise emission levels may vary from the level specified during actual use, depending on the way in which the power tool is used, especially the type of work piece it is used for. Keep the noise emissions and vibrations to a minimum.

- Only use appliances which are in perfect working order
- Service and clean the appliance regularly
- Adapt your working style to suit the appliance
- Do not overload the appliance
- Have the appliance serviced whenever necessary
- Switch the appliance off when it is not in use
- Wear protective gloves

BEFORE STARTING THE EQUIPMENT

WARNING!

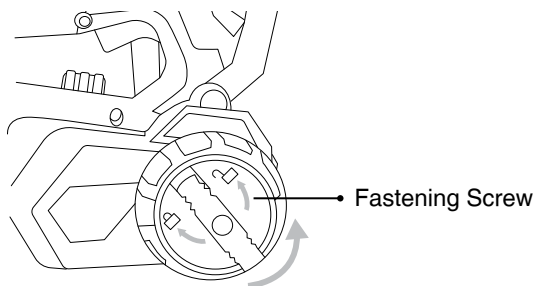
Always remove the battery pack before making adjustments to the equipment.

DANGER!

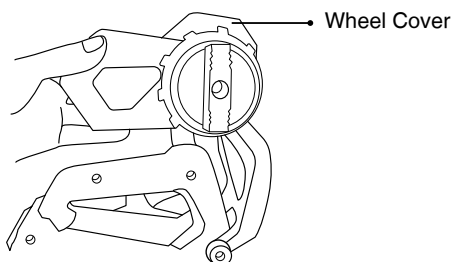
Do not fit the battery until the chainsaw has been fully assembled and the chain tension has been set. Always wear protective gloves when working on the chainsaw to protect yourself against injury.

■ FITTING THE CUTTER RAIL AND SAW CHAIN

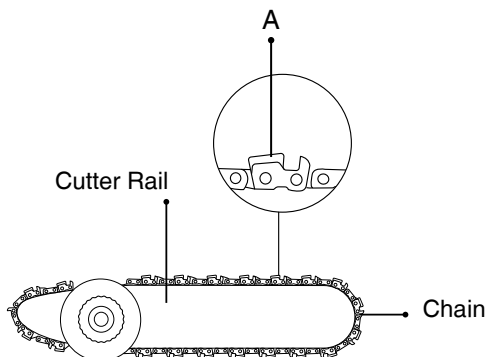
- Carefully unpack all parts and check that they are complete
- Undo the fastening screw of the chain wheel cover.



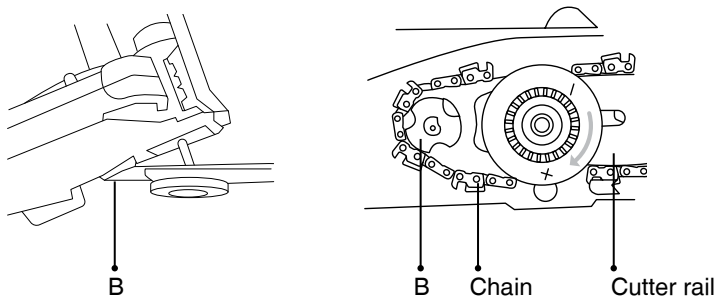
- Take off the chain wheel cover



- Lay the chain as shown in the groove which runs around the cutter rail (A).



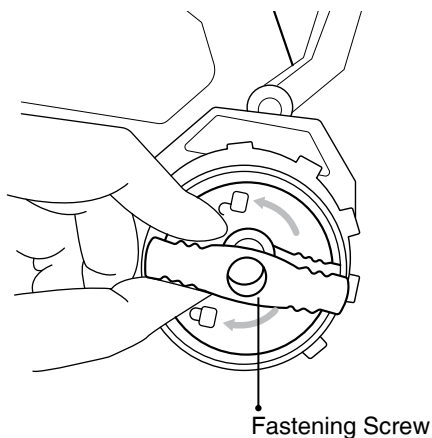
- Insert the cutter rail and chain as shown into the mounting of the cordless chainsaw. As you do so, guide the chain around the chain wheel (B).



- Attach the chain wheel cover and secure it with the fastening screw.

! IMPORTANT!

Do not fully tighten the fastening screw until after you have adjusted the chain tension.

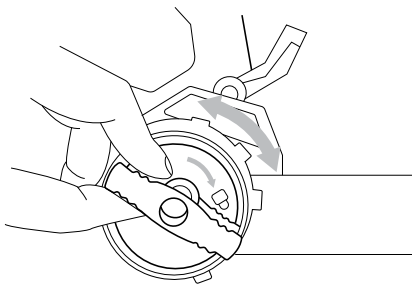


TENSIONING THE SAW CHAIN

WARNING!

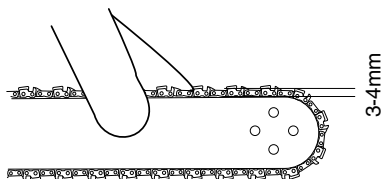
Always disconnect the mains plug before performing any checks or adjustments. Always wear protective gloves when working on the chainsaw to protect yourself against injury.

- Undo the fastening screw of the chain wheel cover a few turns
- Adjust the chain tension with the chain tensioning screw.



Turning the screw clockwise increases the tension, turning it counter-clockwise decreases the chain tension.

The saw chain is correctly tensioned if it can be lifted around 3-4 mm in the middle of the cutter rail.



- Tighten the fastening screw of the chain wheel cover.

DANGER!

All of the chain links must lie properly in the guide groove of the cutter rail.

Notes on tensioning the chain:

The saw chain must be properly tensioned to ensure safe operation.

You can tell that the chain tension is perfect if the saw chain can be lifted by around 3-4 mm in the middle of the cutter rail. As the saw chain heats up during cutting and thus changes in length, please check the chain tension every 10 minutes and adjust it again as required. This applies in particular to new saw chains. When you have finished working slacken the chain again, as the chain will shorten when it cools down. This will prevent the chain from being damaged.

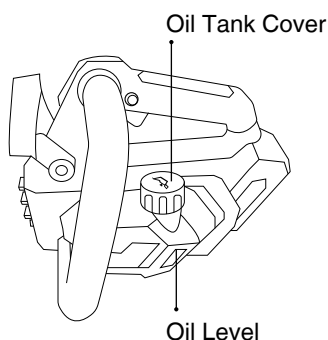
SAW CHAIN LUBRICATION



WARNING!

Always pull out the battery before performing any checks or adjustments. Always wear protective gloves when working on the chainsaw to protect yourself against injury.

Notice! Never operate the chain if it is not lubricated with saw chain oil. Use of the chainsaw without saw chain oil or if the oil level is below the “min” mark will damage the chainsaw.



Notice! Be aware of the temperature conditions: different lubricants with completely different viscosities are required at different ambient temperatures. At lower temperatures you will need low viscosity oils in order to achieve a sufficient lubricating film. However, if the same low viscosity oil is used during the summer, it will become even thinner due to the ambient temperatures alone, and as a result the lubricating film could break down, causing the chain to overheat and become damaged.

In addition, the chain oil would burn and produce unnecessary pollutants.

■ FILLING THE OIL TANK

- Keep away from ignition sources
- Place the chainsaw on a flat surface
- Clean the area around the oil tank cover and then clean the oil tank cover.
- Fill the tank with saw chain oil. In the process, make sure that no dirt enters the tank, as this could cause the oil nozzle to become blocked
- Close the oil tank cover

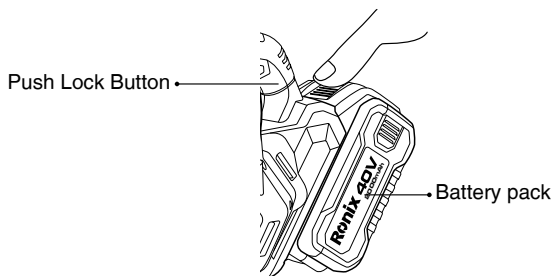
■ CHARGING THE LI-ION BATTERY PACK

The battery is protected from exhaustive discharge. An integrated protective circuit automatically switches Off the equipment when the battery is flat.

WARNING!

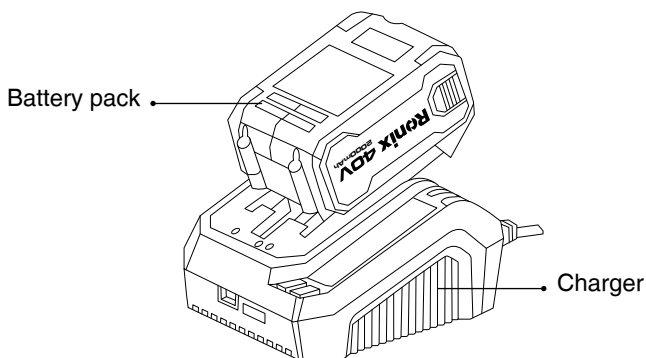
Do not actuate the On/Off switch any more if the protective circuit has tripped. This may damage the battery.

1- Remove the battery pack from the handle, pressing the push lock button downwards to do so.



2- Check that your mains voltage is the same as that marked on the rating plate of the battery charger.

Insert the power plug of the charger into the socket outlet. The green LED will then begin to flash.

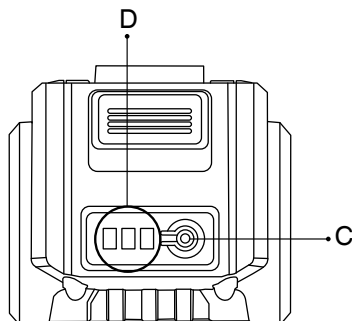


3- Push the battery pack onto the battery charger. If the battery pack fails to charge, check for:

- voltage at the power socket
 - whether there is good contact at the charging contacts of the charging unit
- If the battery pack still fails to charge, send the charger and charging adapter and the battery pack to our customer service center.

■ BATTERY CAPACITY INDICATOR

Press the button for the battery capacity indicator (C). The battery capacity indicator (D) shows the charge status of the battery using 3 LEDs.



All 3 LEDs are lit: The battery is fully charged.

2 or 1 LED(s) are lit: The battery has an adequate remaining charge.

1 LED flashes: The battery is empty, recharge the battery.

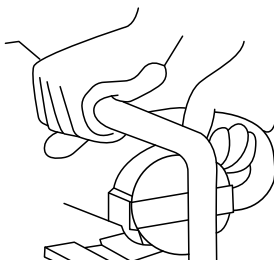
All LEDs blink:

The battery temperature is too low. Remove the battery from the equipment, keep it at room temperature for one day. If the fault reoccurs, this means that the rechargeable battery has undergone exhaustive discharge and is defective. Remove the battery from the equipment. Never use or charge a defective battery.

OPERATION

■ SWITCHING ON/OFF

- Plug in the battery on the equipment.
- Hold the chainsaw by the handles with both hands as shown in the below Figure.



- Press and hold the safety lock-off.
- Switch on the chainsaw at the ON/OFF switch. You can then release the safety lock-off. Switching off Release the ON/OFF switch. The integrated brake will bring the running chain-saw to a standstill within a very short space of time.

WARNING!

Always carry the saw by the front handle. If the battery is inserted on the saw and you carry it by the rear handle (which is where the switches are located), then there is a risk that you could accidentally press the safety lock-off and the ON/OFF switch at the same time, and the chainsaw could inadvertently start up.

DEVICE SAFETY

■ MOTOR BRAKES

The motor brakes the saw chain as soon as the ON/OFF switch is released or the power supply is interrupted. This significantly reduces the risk of injury that would otherwise be present if the chain continued to run after being switched off or disconnected.

■ CHAIN BRAKE

The chain brake is a safety mechanism which is triggered via the front hand guard. If kickback causes the chainsaw to suddenly jerk back then the chain brake trips and stops the saw chain in less than 0.1 seconds. You must check the operation of the chain brake on a regular basis. To do this, fold the hand guard forward and briefly switch the chainsaw on. The saw chain must not start up. Pull back the front hand guard until it engages to release the chain brake.



DANGER!

Never use the saw if the safety equipment is not working properly. Never try to repair safety related protection systems yourself always have any work done by our service department or by a similarly qualified workshop.

■ HAND GUARD

The front hand guard (which also acts as the chain brake at the same time) and the rear hand guard protect against finger injuries resulting from contact with the saw chain if the chain breaks because it is overloaded.

WORKING WITH THE CHAINSAW

■ PREPARATIONS

To ensure that you can work safely, check the following points before every use:

■ CONDITION OF THE CHAIN SAW

Inspect the chainsaw before the start of work for damage to the housing, the battery and its terminals, the saw chain and the cutter rail.

Never use a chainsaw which is obviously damaged. Fill level of the oil container. Even while working, keep checking that sufficient oil is in the system. To avoid damaging the chainsaw, never run the saw if there is no oil in the system or if the oil drops below the “min” mark. On average, a single filling will last around 15 minutes depending on the number of pauses in cutting and the loads involved. The sharper chainsaw, the easier and more controllable it is to operate the chain-saw.

The same also applies to the chain tension. Again, while working also check the chain tension every 10 minutes in order to increase your safety. New saw chains in particular often tend to expand more.

Check the operation of the chain brake as described in the chapter “Safety devices” .

CLEANING, MAINTENANCE AND ORDERING OF SPARE PARTS



DANGER!

- Remove the battery each time before cleaning.
- Never immerse the unit in water or other liquids in order to clean it.

■ CLEANING

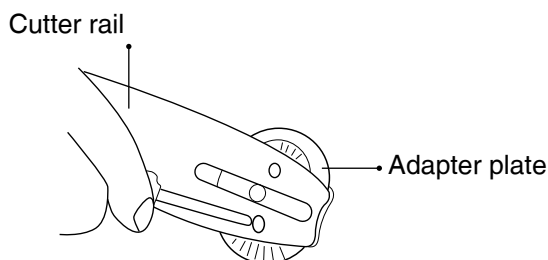
- Regularly clean the clamping mechanism by blowing it out with compressed air or cleaning it with a brush. Do not use tools for cleaning.
- Keep the handles free of grease so that you can maintain a firm grip.
- Clean the device as required with a damp cloth and, if necessary, mild washing up liquid.
- If the chainsaw is not to be used for an extended period of time, then you should remove the chain oil from the tank. Briefly immerse the saw chain and the cutter rail in an oil bath and then wrap them in oil paper.

MAINTENANCE

■ REPLACING THE SAW CHAIN AND CUTTER RAIL

The cutter rail needs to be replaced if

- the guide groove of the cutter rail is worn
- the nose sprocket in the cutter rail is damaged or worn. Remove the adapter plate from the cutter rail as shown below figure. Now fit the adapter plate to the new cutter rail. Proceed as described in the section “Assembly of the cutter rail and the saw chain”.



■ CHECKING THE AUTOMATIC CHAIN LUBRICATION

You should check the operation of the automatic chain lubrication system on a regular basis in order to guard against overheating and the associated damage to the cutter rail and the saw chain. To do this, point the tip of the cutter rail towards a smooth surface (board, section of a cut tree) and allow the chainsaw to run. If an increasing oil trace becomes evident during this process, then the automatic chain lubrication system is working properly. If no clear oil trace is evident then please refer to the corresponding instructions in “Troubleshooting”. If the information contained there still fails to remedy the situation, then please contact our service department or another similarly qualified workshop.



DANGER!

Do not actually touch the surface with the tip of the cutter rail when performing this test. Keep a safe distance (approx. 20 cm).

■ SHARPENING THE SAW CHAIN

Effective working with the chainsaw is only possible if the saw chain is in good condition and sharp. This also reduces the risk of kickback. The saw chain can be re-sharpened by RONIX SERVICES of after sales services. Do not attempt to sharpen the saw chain yourself.

■ TRANSPORT

Engage the chain brake. To avoid injury, always carry the device with the cutter rail guard fitted. Follow the generally applicable regulations on securing loads.

■ NOTES ON ENVIRONMENTAL PROTECTION / DISPOSAL

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Never place defective equipment in your household refuse. The equipment should be taken to a suitable collection center for proper disposal.

If you do not know the whereabouts of such a collection point, you should ask in your local council offices.

TROUBLESHOOTING



DANGER!

Before troubleshooting, switch off the equipment and pull out the battery. The table below contains a list of fault symptoms and explains what you can do to remedy the problem if your tool fails to work properly. If the problem still persists after working through the list, then please contact with the nearest after sales service workshop.

Fault	Cause	Solution
Chainsaw does not work at all	<ul style="list-style-type: none"> - Quick stop brake has been Triggered - No power supply(battery pack) 	<ul style="list-style-type: none"> - Pull the hand protection back to the normal position. - Check the power supply.
Chainsaw operates intermittently	<ul style="list-style-type: none"> - Loose connection (external) - Loose connection (internal) - ON/OFF switch defective 	Consult a specialist workshop.
Saw chain dry	<ul style="list-style-type: none"> - No oil in the tank - Oil tank cap breather blocked - Oil outlet blocked 	<ul style="list-style-type: none"> - Fill up with oil. - Clean the oil tank cap. - Clear the oil outlet.
Chain brake does not work	<ul style="list-style-type: none"> - Problem with the switch mechanism in the front hand guard 	Consult a specialist workshop.
Chain/guide rail hot	<ul style="list-style-type: none"> - No oil in the tank - Oil tank cap breather blocked - Oil outlet blocked - Blunt chain 	<ul style="list-style-type: none"> - Fill up with oil. - Clean the oil tank cap. - Clear the oil outlet - Resharpen or replace the chain.
Chainsaw juddering, vibrating or not sawing properly	<ul style="list-style-type: none"> - Chain tension too loose - Blunt chain - Worn chain - Saw teeth pointing in the wrong direction 	<ul style="list-style-type: none"> - Adjust the chain tension. - Re-sharpen or replace the chain. - Replace the chain. - Reinstall the saw chain with the teeth facing in the correct direction.



Ronix GmbH

Lyoner Str. 36

60528 Frankfurt am Main

Tel: +49 69 310 900 66

www.ronixtools.com