



PETROL CHAINSAW

RACTRT56ES

USER GUIDE

CAUTION: Read the instructions before using the machine!

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1. SAFETY INSTRUCTIONS

- **WARNING!** When using this type of tool, basic precautions should always be followed to reduce the risk of fire, electric shock and injury.
- Read all instructions carefully before attempting to use this product and retain these instructions. Be familiar with all the operations described in these operating instructions. This product must be operated and operated by experienced users. Adequate training is needed.
- If you are giving this machine to others, please also provide them with this instructions manual.
- Also read all markings on the product. The symbols on the tools are explained in the manual.
- Use this machine as described in this instruction manual. It is strictly forbidden to use this tool for applications other than those described in this manual.
- Failure to follow these instructions can result serious injuries and, in some cases, death.
- This product is intended for private domestic use only. Do not use it for commercial purposes.
- Never let people unfamiliar with these instructions or children use this product.
- National regulations may limit the use of the machine.
- People under the age of 18 must not use this product.
- Keep in mind that the operator or user is responsible for accidents or risks to other persons or their property.
- Do not use the tool if you are drunk, tired, under the influence of drugs or ill. Do not use the tool if you are not in an adequate physical condition.
- This tool is intended for outdoor use. Never use it indoors.
- When transporting the machine:
 - Secure the machine during transport to prevent loss of fuel, damage or injury.
 - Use a carrying case to protect the cutter during transport.
- Keep people and animals away from the work area. Children and people who do not know how to use this tool should not touch it and handle it.
- Keep them at least 15 m from the machine during operation.
- Use the product only under daylight or under good artificial light.
- When using the machine, always wear full protective equipment including a helmet, protective mask, ear protection, gloves, non-slip footwear and protective clothing.
- Wear appropriate clothing. Do not wear loose or unbuttoned shirts. Do not wear jewelry that may come in contact with moving parts. If you have long hair, tie them down and wear an appropriate safety helmet.
- Do not operate the product with damaged guards or shields not in place.
- Keep hands and feet of the appliance at all times and especially when turning the appliance off and on.
- Do not use the tool in an area where ventilation is poor. Gas emissions can cause injury.
- Do not work when it rains and in bad weather. Do not use the tool in damp locations.
- Do not use the tool in the presence of flammable liquids or gases.
- **Caution:** The machine releases gases when it is used. Avoid coming into contact with these gases.
- Keep the work area clear. Before working, inspect the work area and remove any materials or objects that could cause accidents.
- Do not force the tool.
- Use only the accessories supplied or recommended by the manufacturer. Use of other accessories may result in an accident. Read the "Technical Data" section of this instruction manual or ask your dealer for advice. Using non-approved saw chain and guide bar combinations may increase risk of kickback and cause serious injury.
- Do not lean. Keep a good seating and balance at all times.

- To maintain tools and accessories carefully, keep cutting tools sharp and clean for better and safer performance. Follow the instructions in this manual to lubricate and change accessories.
- Always inspect the machine before and after operation. If the tool is damaged or faulty, stop using the tool and bring it to an authorized service for inspection and repair.
- Turn off the tool after use, when you leave it unattended, when changing these accessories and before servicing.
- Keep handles dry, clean and free from oil and grease.
- Be concentrated when using the tool. Look at what you do, make sense and do not use the tool when you are tired.
- Remove the saw chain guard before using the tool.
- A damaged guard or other part must be properly repaired or replaced by an authorized service center, unless otherwise specified in this instruction manual.
- Do not use the tool if the starter is not working (if it cannot be turned ON and OFF).
- Place the equipment in a well-lit area on a flat, stable, dry and well-ventilated surface, away from flammable materials and with plenty of space for sparking and sharpening waste.
- Do not allow anyone, especially children, to come within a radius of at least five meters around the work area when all work is in progress.
- Immediately stop the tool in the event of a malfunction of the motor or the ON/OFF button or in case of unusual noise.
- Do not use the tool if the starter is damaged.
- Do not move the chain with your hand with the wheel moving.
- Do not stop the chain with your hands or other objects.
- Treat the chain teeth with caution during operation; they can cause severe cuts.
- When not in use, the machine must be stored in a dry, locked place out of the reach of children.
- Before using the product and after any shock, please check it for signs of wear or damage. Please carry out repairs if necessary.
- Always switch off the machine:
 - Every time you leave the device unattended;
 - Before releasing an obstruction;
 - before checking, cleaning or working on the product;
 - after hitting a foreign object;
 - Every time the product starts to vibrate abnormally.
- Pay attention to foot and cutting injuries.
- Inspect and regularly service the product. Repairs should be carried out only by an authorized service center or a similar qualified specialist.
- When not in use, store the product out of the reach of children.
- Children should not play with plastic bags, sheets and small parts! Keep them out of the reach of children. There is a danger of suffocation!
- When transporting the tool, use the guide bar cover on the saw chain. Always carry the tool by holding the handle, never the saw chain.
- Do not use the product on a slippery surface.
- Do not use the product on steep, slippery slopes.
- When planning your work schedule, allow enough time for rest. Limit continuous use of the device, e.g. use 30 ~ 40 minutes per session, and take 10 ~ 20 minutes of rest between work sessions. Work a maximum of two hours per day
- If the machine has struck foreign objects, check if the tool is damaged and bring it to repair if necessary.
- Do not place any part of the body on the chain when the chainsaw is operating. Before starting the chain saw, make sure that the chain is not in contact with anything. A moment of inattention

during use may cause your clothing or body part to stick to the chain.

- Always hold the chainsaw back handle with your right hand and the front handle with your left hand. Hold the chainsaw by inverting your hands increases the risk of personal injury and should never be used.
- For the chainsaw designed with the chain guide on the left side, the reference to the "right hand" and "left hand" positions is reversed.
- When cutting a branch that is under stress, pay attention to the risk of elastic return. When the tension of the wood fibers is released, the spring-loaded limb may strike the operator and / or project the chain saw out of control.
- Exercise extreme caution when cutting brush and young shrubs. Fine materials can grip the cutting chain and be thrown as a whip in your direction, or you lose balance under the effect of traction.
- Follow the instructions for lubrication, tension and chain change accessories. A chain whose tension and lubrication are incorrect can either break or increase the risk of rebound.
- Keep handles dry, clean and free of oil and grease. Oily, greasy grips are slippery and cause loss of control.
- Cut only wood, as well as for pruning and cutting wood. Do not use the chain saw for any other purpose. For example: do not use it to cut plastic, masonry or construction materials other than wood. Using the chain saw for operations other than those specified may result in hazardous situations.
- Be careful when using the machine during stormy weather. Do not use the machine during lightning, thunderstorms or in bad weather in general.
- There is advantage of using the provided spiked bumper when cutting trees and thick branches.
- Perform regular functional check of the clutch. It should be no have chain movement at idling speed. Correct adjustment of the idling speed is needed.
- When operating the tool, be careful of the emission of exhaust gases, lubrication oil mist and saw dust; avoid to be exposed to these and wear protective equipment.
- Wear protective gloves when assembly, disassembly, sharpening chain tensioning and when handling the guide bar.
- Guide-bar and chain adjustments shall be perform with the engine stopped.
- Regularly check and test the chain brake.
- Hazards may be encountered while using the saw, such as blockage of the saw chain. In order to reduce hazards, follow the instruction for cutting operation; always check the condition of the tool. Do not start the chainsaw directly in a tree.
- Only use the throttle control latch at starting procedure.
- Warning! Use the machine with the throttle control latch engaged.
- Need daily inspection before use and after dropping or other impacts to identify significant damage or defects.
- Always engage the chain brake before starting the engine and when the engine has started, immediately disengage the throttle control latch and ensure that the engine speed has returned to idle before disengaging the chain brake.

Fuel Handling

- Be very careful when handling fuels. They are flammable and the vapors are explosive.
- Use only an approved container.
- Never remove the fuel cap or add fuel while the machine is on. Turn off the unit and allow the engine and exhaust components to cool before refueling.
- Do not smoke.
- Never refuel inside a room
- Never store the tool and the fuel tray indoors where there is a naked flame, such as near a

water heater.

- If fuel has spilled, do not attempt to start the machine, but rather move it away from the spill before starting to use it. Clean any spills.
- Replace and tighten the fuel tank cap after refueling.
- Follow the instructions in this manual for filling the tool with fuel.

During maintenance and storage

- Always follow the provided instructions for maintenance and storage. The chainsaw shall be always kept in good working condition. Cleaning and maintenance before storage.
- Stop the tool and wait until it stops. Make sure all moving parts have come to a standstill.
- Allow the machine to cool before performing inspection, adjustments, maintenance, servicing and storage.
- Store the tool where fuel vapor will not reach a flame or spark.
- When transporting and storing, always place the tool in its transport guard and protective device on it.

Causes of rebounds and prevention by the operator

- Bounce may occur when the spout or end of the chain guide touches an object, or when the wood tightens and pinches the cutting chain in the cutting section.
- The contact of the tip may in some cases cause a sudden reverse reaction by bouncing the chain guide up and back towards the operator.
- Pinching of the cutting chain on the upper part of the chain guide can force the chain guide to the operator abruptly.
- Either of these reactions can result in loss of control of the saw likely to result in a serious personal injury. Do not rely exclusively on safety devices built into your saw. As a chain saw user, all measures should be taken to eliminate the risk of accident or injury during cutting.
- If the chain saw bounce when operating and dropping at the end of a cut, please stop the chain saw and check the condition of the chain saw.
- Bounce results from improper use of the tool and / or incorrect operating procedures or conditions and can be avoided by taking the appropriate precautions specified below:
- Hold the saw with both hands firmly with the thumbs and fingers encircling the handles of the saw and place your body and arms to allow you to withstand the rebound forces. The rebound forces can be controlled by the operator, if appropriate precautions are taken. Do not allow chain saw to start.
- Do not stretch the arm too far and do not cut above the shoulder height. This helps prevent unintentional end contacts and allows better control of the chain saw in unforeseen situations.
- Use only the manufacturers specified replacement guide bars and chains. Incorrect replacement guide bars and chains may cause chain breakage and / or rebound. Replacement saw-chains and guide bars that have been approved to meet the kickback requirements of the related standard is necessary.
- Follow manufacturer's instructions for sharpening and servicing the chain saw. Bounce may happen if specification is not followed. A decrease in the depth gauge level can lead to an increase in rebounds.
- Well maintenance of the chain brake system and other components such as saw chain and guide bar can reduce risk of bounce.

Residual risks

Even if you use this product in compliance with all safety requirements, the potential risks of injury and damage remain. The following hazards may arise in the structure and design of this product:

- Always be vigilant when using this product, so you can recognize and manage the risks rather.

- Rapid intervention can prevent serious injury and property damage.
- Turn off and unplug the tool if there are any malfunctions. Have it checked by a qualified professional and have repairs carried out, if necessary, before using it again.
- There are harmful health consequences resulting from the emission of vibrations if the product is used for long periods of time or not properly managed and properly maintained.
- There is risk of injury and property damage due to attachments or broken the sudden impact of hidden objects when using cutting.
- Risk of injury to persons and property caused by flying objects.
- Prolonged use of this product exposes the operator to vibration and can produce so-called "white finger" disease. To reduce the risk, wear gloves and keep your hands warm.
- If any of the symptoms of "white finger syndrome" occur, seek immediate medical attention. Symptoms of the "white finger" include numbness, loss of sensitivity, tingling, tingling, and pain, loss of strength, color changes or skin condition. These symptoms usually appear on the fingers, hands or wrists. Risk increases at low temperatures.
- There is a risk of hearing loss with prolonged use, especially if hearing protection is not worn. Always wear hearing protection and limit the operating time.

SAFETY INSTRUCTIONS FOR BATTERIES AND CHARGER

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 additionally seek medical help.** *Liquid ejected from the battery may cause irritation or burns.*
- Do not use a battery pack or tool that is damaged or modified.** *Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.*
- Do not expose a battery pack or tool to fire or excessive temperature.** *Exposure to fire or temperature above 130 °C may cause explosion.*
- 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.*

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.*
- Never service damaged battery packs.** *Service of battery packs should only be performed by the manufacturer or authorized service providers.*

Batteries

- Never attempt to open for any reason.
- Do not store in locations where the temperature may exceed 50°C .
- Charge only at ambient temperatures between 4°C and 40°C.
- Charge only using the charger provided with the tool.
- Store your batteries in a cool dry place 0°C-45°C. Never store batteries in a discharged state.
- The temperature range for tool and battery use -20°C~50°C

- It is better for Li-ion batteries to discharge and reload them regularly (at least 4 times a year). The ideal charge for long-term storage of your Li-ion battery is 40% of capacity.
- When disposing of batteries, follow the instructions given in the section “Protecting the environment”.
- Do not cause short circuits. If connection is made between the positive (+) and negative (-) terminal directly or via accidental contact with metallic objects, the battery is short circuited, and an intense current will flow causing heat generation which may lead to casing rupture or fire.
- Do not heat. If batteries are heated to above 100°C (212°F), sealing and insulating separators and other polymer components may be damaged resulting in electrolyte leakage and/or internal short circuiting, leading to heat generation causing rupture or fire. Moreover, do not dispose of the batteries in fire, explosion and/or intense burning may result.
- Under extreme conditions, battery leakage may occur. When you notice liquid on the battery, proceed as follows:
 - Carefully wipe the liquid off using a cloth. Avoid skin contact.
 - In case of skin or eye contact, follow the instructions below:
 - Immediately rinse with water. Neutralize with a mild acid such as lemon juice or vinegar.
 - In case of eye contact, rinse abundantly with clean water for at least 10 minutes.
 - Consult a physician.




Fire hazard! Avoid short-circuiting the contacts of a detached battery. Do not incinerate the battery.

2) Charger










- Use the charger provided with the tool only to charge the battery provide with the tool.
- Never attempt to charge non-rechargeable batteries.
- Have defective cords replaced immediately.
- Do not be exposed to water.
- Do not open the charger.
- Do not probe the charger.
- The charger is intended for indoor use only.
- This charger can be used by children aged from 8 years and above and persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge if they have been given supervision







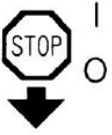









or instruction concerning use of the appliance in a safe way and understand the hazards involved.



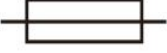






- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

 **CAUTION:** Do not recharge non-rechargeable batteries.

Symbols

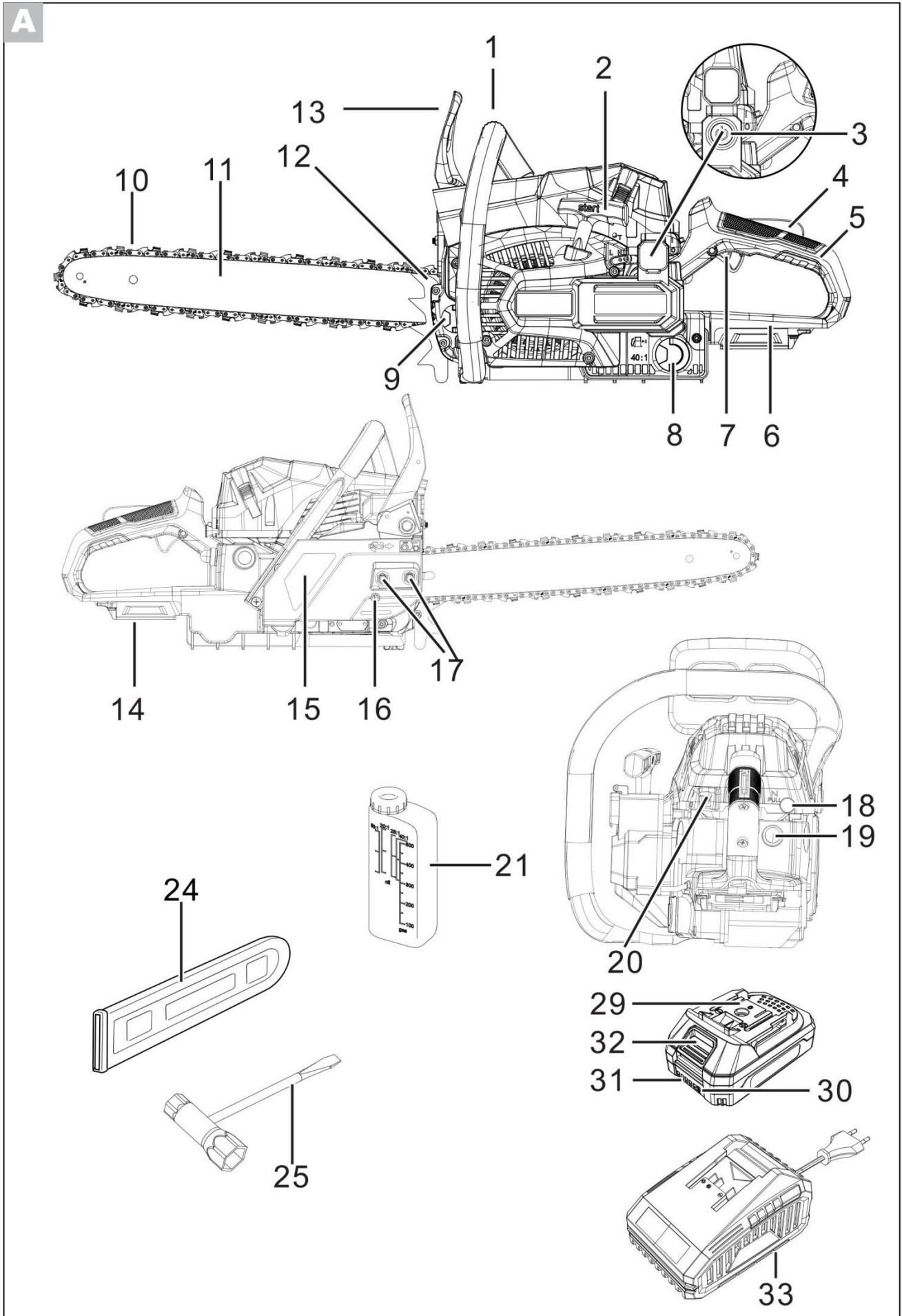
	Symbol warning of a warning.
	Read and refer to these operating instructions.
	The product complies with the applicable European directives and evaluation method of conformity for these directives was done.
	Wear safety equipment that includes a protective helmet, hearing protection and protective goggles.
	Wear clothing with cut resistant inserts!
	The contact of the end of the bar with any object must be avoided.
	Attention! Kickback - be aware that you may experience kickback while working with the machine.
	Do not operate the tool with one hand. Always hold it with both hands.
	Open flames, fire, open ignition sources and smoking are prohibited.

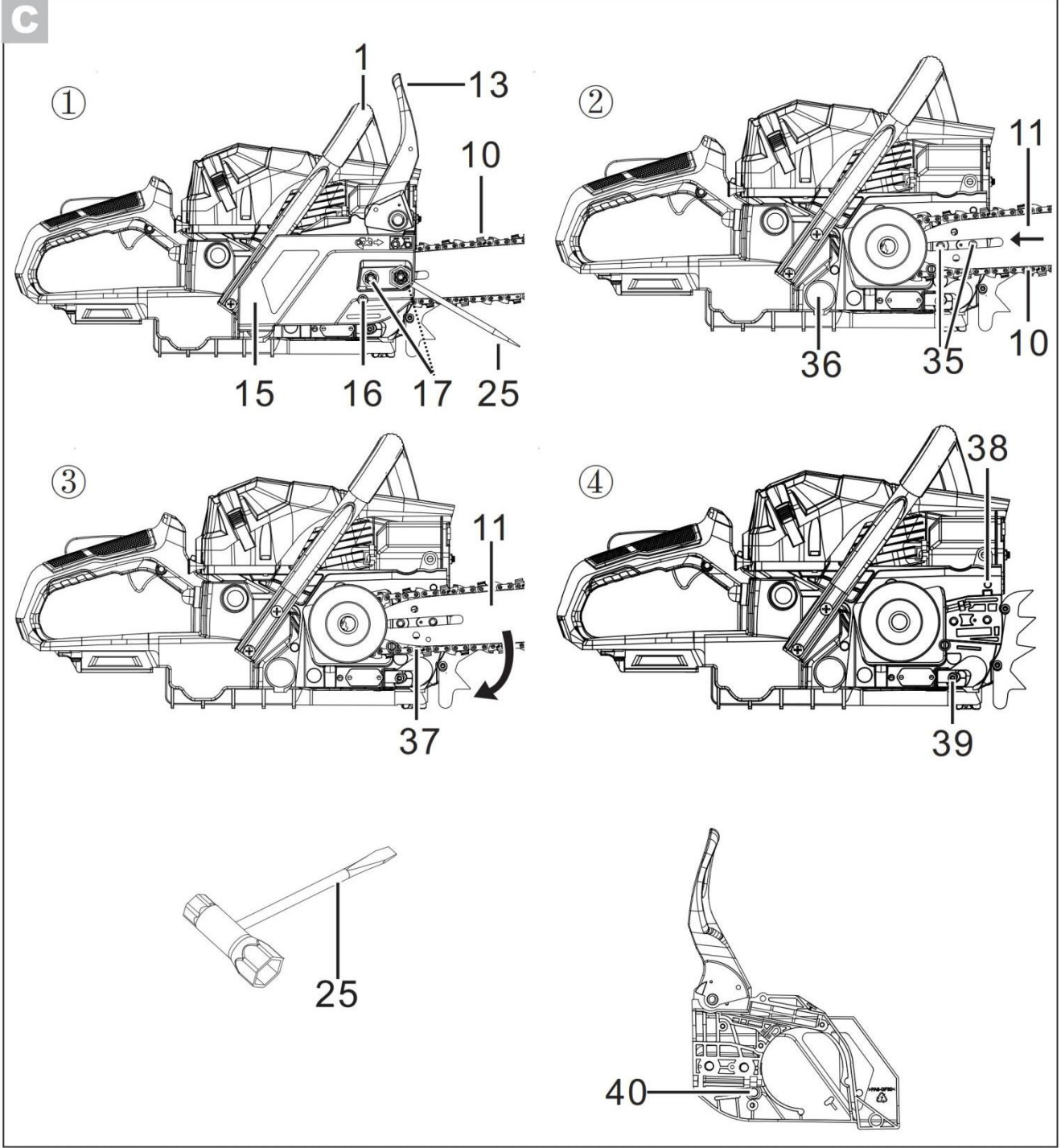
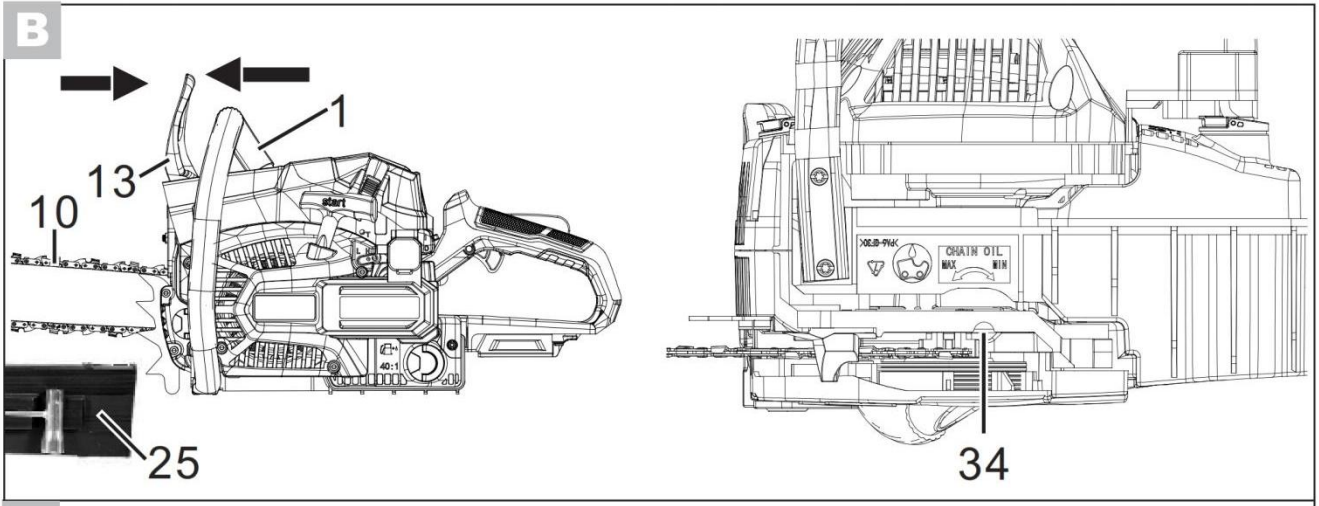
	Caution! Hot surfaces, burn risk!
	Wear protective gloves.
	Wear protective foot wear.
	Do not use the tool under rain.
	Guarantee sound power level.
	Recoil start.
	Switch I/O.
	Choke closed
	Choke open
	Volume of chain oil tank
	Saw chain oiling
	Adjusting the chain lubrication
	Chain brake (activated\deactivated)
	Direction of travel of saw chain
	Chain brake (open/closed)
	Adjusting the chain tension

	<p>The charger is suitable for indoor use only.</p>
	<p>Class II, double isolation.</p>
<p>T3.15 250V</p> 	<p>Type of fuse.</p>
 <p>Li-ION</p>	<p>Do not dispose of old appliances with domestic rubbish.</p>
	<p>Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.</p>
 <p>MAX 50 °C</p>	<p>Do not expose batteries to temperatures exceeding 50 degrees.</p>
	<p>Do not put the battery in hot surface.</p>
	<p>Do not dispose of batteries in fire. They could explode and cause injury.</p>
	<p>Do not dispose of batteries in water.</p>

2. YOUR PRODUCT

a. Description





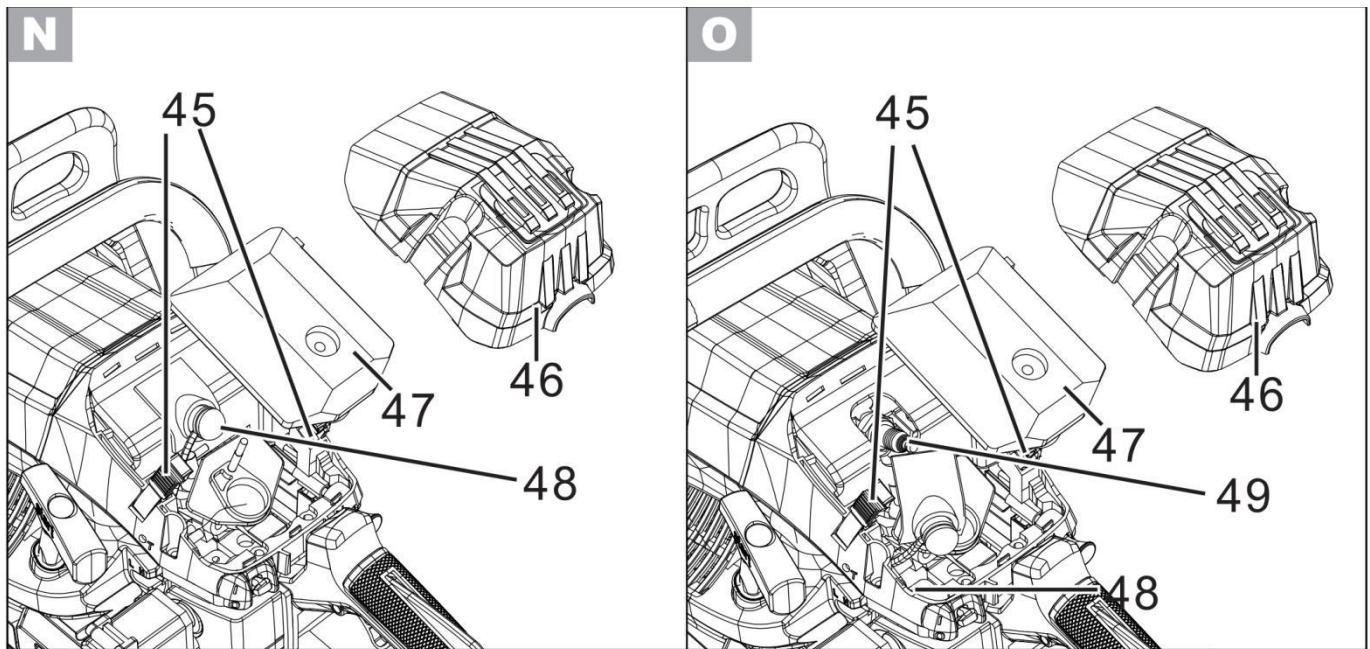


Fig. A

1. Front handle
2. Starter handle
3. Electric starter
4. Throttle lock
5. Rear handle
6. Hand protection
7. Throttle lever
8. Tank cover (Fuel)
9. Tank cover (Chain oil)
10. Saw chain
11. Blade bar
12. Chain catch
13. Chain brake lever/Front hand protection
14. Battery holder

15. Sprocket cover
 16. Chain tensioner screw
 17. Nut
 18. Cold start lever (choke)
 19. Fuel pump
 20. Off button
 21. Fuel mixing bottle
 24. Chain guard
 25. Combination tool
 29. Battery
 30. Button (Charge level indicator)
 31. Charge level indicator
 32. Battery release
 33. Charger
- Fig. B

Fig. C

34. Oil regulating screw
35. Blade bar bolt
36. Sprocket
37. Receptacle (Chain tensioner pin)
38. Oil passage
39. Chain catching bolt
40. Chain tensioner pin

Fig. N

45. Buckle
 46. Air filter cover
 47. Air filter
- Fig. O
48. Spark plug connector
 49. Spark plug

b. Scope of delivery/accessories

Unpack the device and check that everything is present.

Dispose of the packaging material properly.

- Petrol Chainsaw
- Guide bar
- Saw chain
- Chain guard
- Fuel mixing bottle
- Combination tool
- Original instructions
- Rechargeable battery and charger with instruction manual

c. Proper use

This device is only intended for the following use:

Sawing wood outdoors

The device is not intended for any other types of application. This typically includes cutting masonry, plastic, stone, metal, food or wood containing foreign objects (e. g. nails or screws).

The device is intended for use by adults. People under the age of 18 must not use this product.

The chainsaw may only be used by one person. The user must wear appropriate personal protective equipment (PPE). The chainsaw must be held with the right hand on the rear handgrip and the left hand on the front handgrip.

Before using the device, the user must read and understand all information and instructions in the instruction manual. Any other use that is not expressly permitted in this instruction manual may pose a serious hazard to the user and result in damage to the device.

The operator or user of the machine is responsible for any accidents or personal injury and/or material damage to third parties or their property. The machine is intended to be used by do-it-yourselfers. It was not designed for heavy commercial use.

d. Technical data

Model	RACTRT56ES
Type of engine	RY1E46F-2 (air cooled 2-stroke petrol engine)
Fuel Tank Volume	550mL
Oil tank volume	260mL
Idle speed of the engine	3100±300/min
Engine speed with clutch engage	4300/min
Maximum power	2.3 kW
Displacement	56cm ³
Maximum engine power speed	8500/min
Maximum engine speed	11500/min
Fuel mixing rate	40:1
Net Weight	8,2 kg
Cutting length	45 cm (18")
Guide bar length	52 cm
Chain pitch	8,255mm (0,325")
Gauge of chain	1,47mm (0,058")
Maximal speed of the chain	22m/s
Type of chain	Kangxin.325.058×72DL
Type of guide bar	Kangxin BE18-72-5810P
Sprocket (number of teeth x pitch)	7 Teeth x 8,255mm
Carburetor	MC16A7/HLIC, MC16A71/HLIC, MC16A10/HLIC, MC16A10P/HLIC, MC1613B/HUAYI, MC1613/HUAYI, MC1600/HUAYI, MP16A/YINBA, MC16E19/HLIC, MC16E20/HLIC, 1E44F/JINKE, WT966/Walbro, WT978/Walbro, MP16BZ7/Stable
Spark plug	L8RTF/NHSP LD, L8RTC/TORCH, L8RTF/BOSCH, L8RTC/CDK, BPMR7A/NGK
Battery pack	Rechargeable Batterie Li-ion: model#HJSS20-2A 20V d.c. 2Ah 40Wh
Charger	Model#DH-2120-001 Input: AC100-240V 50/60Hz 1.0A Output: 21Vd.c. 2.0A
Sound Pressure level	L _{pA} : 97,3dB(A) K _{pA} =3,0 dB(A)
Sound power level	L _{wA} : 108,4 dB(A) K _{wA} =3,0 dB(A)
Guaranteed power level	L _{wA,d} : 111dB(A) (2000/14/EC)
Value of vibration	a _{front_hv,eq} : max. 15,226 m/s ² K=1,5m/s ² a _{rear_hv,eq} : max. 7,728 m/s ² K=1,5m/s ²

3. ASSEMBLY

a. Assembly of the chain and guide bar(Fig.C)

CAUTION!

Always carry out maintenance and adjustment work with the engine switched off and the spark plug connector disconnected.

CAUTION!

Cutting injuries! Wear cut-resistant gloves when working with the saw chain or with the blade bar.

Notes: Before fitting a new saw chain: Check the blade bar and chain sprocket for damage.

- 1) Place the device on a level surface.
- 2) Deactivate the chain brake: Pull the chain brake lever (13) back towards the front handle (1). You can only refit the sprocket cover (15) when the chain brake band has been released.
- 3) Place the blade bar (11) on the blade bar bolts (35) and slide it onto the chain sprocket (36).
- 4) Thread the saw chain (10) over the chain sprocket (36).
- 5) Place the saw chain (10) on the top of the blade bar (11) in the blade bar groove. Start at the chain sprocket (36). It is normal for the saw chain (10) to sag.
- 6) Pull the blade bar (11) forwards to tension the saw chain (10).
- 7) Put the sprocket cover (15) back in position. Ensure that the chain tensioner pin (40) engages in the receptacle (37).
- 8) Tighten the two nuts (17) on the sprocket cover (15) hand-tight. The blade bar should still be able to move.
- 9) Tension the saw chain: Turn the chain tensioner screw (16) with the combination tool (25).
- 10) Tighten the nuts (17) of the sprocket cover (15) using the combination tool (25).

b. Adjusting the chain tension(Fig.A)

NOTICE!

Do not re-tension or change the saw chain when it is hot because it shrinks slightly once it has cooled down. If this is not observed it can lead to damage on the guide rail or the engine because the saw chain is now too taut on the blade bar. Regularly tightening the saw chain provides safety for the user and reduces and/or prevents wear and chain damage. We recommend that the user check the chain tension before starting work and at intervals of approx. 10 minutes and correct it if necessary. The saw chain warms up when working with the saw and thus expands slightly. These "expansions" can be expected especially from newer saw chains. Chain tension and chain lubrication have a significant impact on the service life of the saw chain. The chain tension of a new saw chain must be readjusted after a maximum of 5 cuts. The saw chain is properly tensioned when it does not hang from the underside of the blade bar and cannot be moved around by a gloved hand. When pulling on the saw chain with 9 N (approx. 1 kg) of force, the saw chain and blade bar should not be separated by a distance of more than 2 mm.

CAUTION!

Always carry out maintenance and adjustment work with the engine switched off and the spark plug connector (48) disconnected.

Checking the chain tension

Pull the saw chain (10) upwards at the top of the blade bar (11).

- Saw chain can hardly be pulled upwards: The chain tension is too high. Relax the saw chain.
 - The saw chain can be pulled up so far that the driving elements are not fully visible: The chain tension is correct.
 - The saw chain can be pulled up so far that the driving elements are fully visible: The chain tension is too low. Tension the saw chain.
- 1) Deactivate the chain brake: Pull the chain brake lever (13) back towards the front handle (1).
 - 2) Loosen the nuts (17) on the sprocket cover (15) using the combination tool (25).
 - 3) Tension the saw chain: Turn the chain tensioner screw (16) with the combination tool (25).
Relax the saw chain: Turn the chain tensioner screw (16) with the combination tool (25).
 - 4) Tighten the nuts (17) of the sprocket cover (15) using the combination tool (25).
- The chain tension of a new saw chain must be readjusted after a maximum of 5 cuts.

4. PREPARATION BEFORE OPERATION

1) Filling fuel tank

WARNING: When filling the tank:

The chainsaw must always be stopped and cooled.

Never smoke during refueling. It must not have flames or sparks near the fuel.

Before refueling, allow the chainsaw to cool completely. Do not attempt to refuel when the engine is hot.

If fuel has been spilled, immediately stop refueling and do not start the engine. Clean up the spill and fill the machine in another location

Never fill the fuel tank to the flange; there is a risk of overflow.

Do not refuel in a closed and unventilated area.

The fuel used for this tool is a mixture of unleaded gasoline and registered engine lubricant. When mixing gasoline with oil, use only gasoline that does not contain ethanol or methanol.

Unleaded gasoline is a quality gasoline type. This will help to avoid damaging the fuel lines of the engine and other engine parts.

The recommended mixing ratio is 40:1 (make sure the mixing ratio is correct before filling the product.

a. Mixing

- Mix in a clean, empty container (supplied).
- Pour the oil into the container.
- Pour the fuel into the tank. Mix the mixture long enough (more than one minute) to get a good combination.



b. Filling the fuel tank

- Unscrew the fuel tank cap and remove it.
- Fill the tank slowly with the mixture. Do not exceed the maximum capacity (fill to 80% of its capacity preferably).
- Replace the cap on the fuel tank and tighten it
- Wipe any spillage around the unit if necessary

Note: To avoid damage and accidents, DO NOT USE OTHER MIXTURES AND OTHER TYPES OF OIL / PETROL

c. Storage of fuel

The fuel must be kept in a clean and safe container and always closed.

If you are not using the product for a long time, remove the fuel mixture and add it to a container.

Do not leave the fuel for a long time in the product. The fuel may clog the carburetor and the engine will not operate properly.

d. Disposal of fuel

When the fuel is no longer used or worn, please dispose of it in an authorized location. Check local laws regarding disposal of fuels

2) Filling Oil lubrication tank

- Unscrew the oil tank
- Fill the tank with quality chain oil. Do not overfill.
- Replace the cap on the tank. Wipe any spillage if necessary.

3) Safety devices

The following safety devices are provided to protect the user and the device:

Throttle lock (4)

Prevents the saw chain from starting accidentally.

Rear handle (5) with rear hand guard (6)

Protects the hand from branches, twigs and if the saw chain jumps off.

Saw chain (10) with low kickback

Helps to absorb kickbacks thanks to specially developed safety devices.

Chain catch (12)

Increases stability when making vertical-cuts.

Makes sawing easier.

Chain brake lever/front hand protection (13)

The saw chain does not run when the chain brake is locked into place.

Stops the saw chain immediately in the event of a kickback.

Lever can also be operated manually,

Protects the operator's left hand if it slips off the front handle.

Off button (20)

The device switches off immediately when the off button is pressed.

Chain catching bolt (39)

Reduces the risk of injury if the saw chain jumps off or breaks.

4) Checking the battery charge level

Leds	Meaning
Red, orange, green	Battery charged
Red, orange	Battery partially charged
Red	Battery needs to be charged

- 1) Press the button (30) next to the charge level indicator button (31) on the battery (29). The LEDs of the charge level indicator show how much charge remains in the battery.
- 2) Charge the battery (29) when only the red LED on the charge level indicator (31) is illuminated.

5) Charging the battery

See also the charger instruction manual.

Notes

If warm, allow the battery to cool before charging.

Do not expose the battery to direct sunlight for long periods and do not place it on a radiator (max. 50°C).

- 1) Remove the battery (29) from the device.
- 2) Push the battery (29) into the charging slot of the battery charger (33).
- 3) Connect the battery charger (33) to a power outlet.
- 4) After charging, disconnect the battery charger (33) from the mains.
- 5) Pull the battery (29) out of the battery charger (33)

6) Inserting and removing the battery

Inserting the battery

1. Push the battery (29) along the guide into the battery holder (14). You will hear the battery click into place.

Removing the battery

1. Press and hold the battery release (32) on the battery (29).
2. Pull the battery out of the battery holder (14).

5. OPERATION

1. Starting the engine

a. Cold start

WARNING! Risk of injury due to the saw chain starting up. Make sure that the chain brake is activated. The tool has a throttle lock, which is activated when the cold start lever (18) is pressed in again manually. If the tool is now started and the chain brake is not activated, the saw chain will start to run.

Notes :Check whether there is enough chain oil in the tank and top up with chain oil if necessary.

Recoil start

- 1) Place the tool on a firm, stable base and remove the chain guard (24). The saw chain (10) must not touch the ground or objects.
- 2) Operate the chain brake by pushing the chain brake lever (13) away from the front handle (1) until the chain brake engages.
- 3) Press the petrol pump (19) six times.
- 4) Pull the cold start lever (18) to position.
- 5) Hold the tool firmly with one hand on the front handle (1). With the other hand, pull the starter cord on the starter handle (2) and slowly pull this out until the initial resistance is felt.
- 6) Now pull the starter cord quickly until the engine starts. Repeat the procedure if the engine does not start. As long as the choke (18) is pulled out, the engine will only start briefly due to the closed choke flap and then stop again.
- 7) As soon as the engine has run out, operate the throttle lock (4) and the throttle lever (7) together. The cold start lever (18) automatically switches to the "Warm start" operating position.
- 8) Now pull the starter cord again until the engine starts. If the engine does not start even after several attempts, read section Troubleshooting, p. 66.
- 9) Briefly operate the throttle lock (4) and throttle lever (7). The tool begins to idle. Allow the tool to warm up at idle for between 45 seconds and 1:30minutes.
- 10) Release the chain brake by pulling the chain brake lever (13) towards the front handle (1) until the chain brake releases.

CAUTION! If the saw chain moves when the engine is idle, there is a problem with the clutch or no-load rotation speed. Take the device out of operation and contact the Service Centre.

- 11) If you now operate the throttle lock (4) and the throttle lever (7), the saw chain (10) starts to run.

Starting with the electric start (Fig. A)

- 1) Place the tool on a firm, stable base and remove the chain guard (24). The saw chain (10) must not touch the ground or objects.
- 2) Insert the battery (29).
- 3) Operate the chain brake by pushing the chain brake lever (13) away from the front handle (1) until the chain brake is engaged.
- 4) Press the petrol pump (19) six times.
- 5) Pull the cold start lever (18) (choke).
- 6) Fold the cover upwards and press the electric starter (3).
- 7) Briefly operate the throttle lock (4) and the throttle lever (7) so that the cold start lever (18) moves to position. The tool begins to idle. Allow the tool to warm up at idle for between 45 seconds and 1:30minutes.
- 8) Release the chain brake by pulling the chain brake lever (13) towards the front handle (1) until the chain brake releases.
- 9) If you now operate the throttle lock (4) and the throttle lever (7), the saw chain (10) starts to run.

If the engine has started and stopped briefly

Starting with the electric start (Fig. A)

- 1) Operate the throttle lock (4) and briefly the throttle lever (7). The cold start lever (choke) (18) moves back to the warm start position.
- 2) Fold the cover upwards and press the electric starter (3) again.
- 3) Release the chain brake by pulling the chain brake lever (13) towards the front handle (1) until the chain brake releases

CAUTION! If the saw chain moves when the engine is idle, there is a problem with the clutch or no-load rotation speed. Take the device out of operation and contact the Service Centre.

- 4) If you now operate the throttle lock (4) and the throttle lever (7), the saw chain (10) starts to run.

b. Warm start

Notes

A warm start can be carried out max. 15-20 min. after the last use.

Check whether there is enough chain oil in the tank and top up with chain oil if necessary.

Recoil start(Fig. A)

- 1) Place the tool on an even, stable base and remove the chain guard (24). The saw chain (10) must not touch the ground or objects.
- 2) Leave the cold start lever (choke) (18) in its position.
- 3) Operate the chain brake by pushing the chain brake lever (13) away from the front handle (1) until the chain brake is engaged.
- 4) Press the petrol pump (19) six times.
- 5) Hold the device firmly, with one hand on the front handle (1) and your foot in the rear grip (5).
- 6) Grip the starter handle (2) on the starter rope with your other hand. Slowly pull the starter cable out until the initial resistance is felt.
- 7) Now pull the starter cable quickly several times. The engine should start after 1-2 pulls. If the engine does not start after several attempts, try the procedure: Cold start.
- 8) Release the chain brake by pulling the chain brake lever (13) towards the front handle (1) until the chain brake releases.

CAUTION! If the saw chain moves when the engine is idle, there is a problem with the clutch or no-load rotation speed. Take the device out of operation and contact the Service Centre.

- 9) If you now operate the throttle lock (4) and the throttle lever (7), the saw chain (10) starts to run.

Starting with the electric start (Fig. A)

- 1) Place the tool on an even, stable base and remove the chain guard (24). The saw chain (10) must not touch the ground or objects.
- 2) Insert the battery (29).
- 3) Leave the cold start lever (choke) (18) in its position.
- 4) Operate the chain brake by pushing the chain brake lever (13) away from the front handle (1) until the chain brake is engaged.
- 5) Press the petrol pump (19) six times.
- 6) Fold the cover upwards and press the electric starter (3). The device begins to idle.
- 7) Release the chain brake by pulling the chain brake lever (13) towards the front handle (1) until the chain brake releases.

CAUTION! If the saw chain moves when the engine is idle, there is a problem with the clutch or no-load rotation speed. Take the device out of operation and contact the Service Centre.

- 8) If you now operate the throttle lock (4) and the throttle lever (7), the saw chain (10) starts to run.

2. Stopping the engine

Switching off the engine in an emergency

- Press the off button (20) "O".

Switching off the engine (Fig. A)

- Release the throttle lever (7) if necessary.
- Press the off button (20) "O".

3. Main settings

a. Adjusting the carburetor

The carburetor is preset at the factory. To avoid malfunction, it is recommended not to adjust the adjustment screws. If these screws require readjustment, have the machine serviced by your service center.

b. Chain brake

The chain brake is a device that automatically stops the chain in case a backward movement occurs, causing the saw to jump. Normally, the brake is automatically activated by the inertia force.

It is also manually tightened by pushing the brake lever down and forward.

When the brake is running, a yellow sign comes out from the base of the brake lever.

To release the brake, pull the brake lever up until it clicks into place.

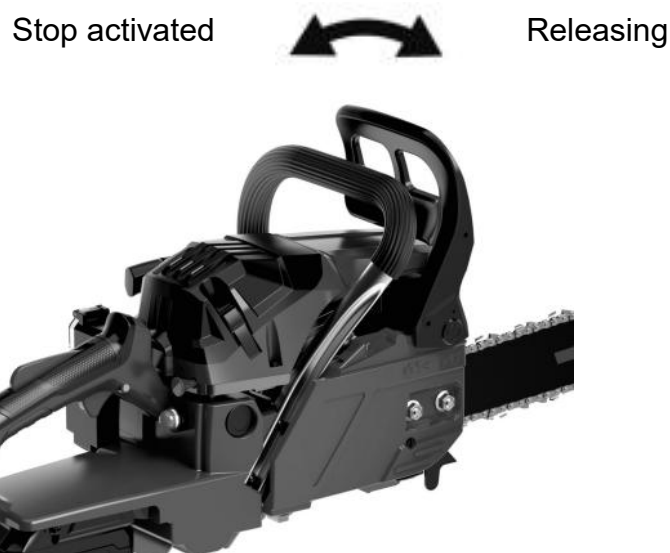
When the brake is working, release the throttle lever to slow down the engine speed. Continuous use when the brake is running causes the clutch to heat up and can cause problems.

When checking the machine before using it, check the operating condition of the brake by performing the following operations:

- Start the engine and grasp the handle firmly with both hands.
- While pulling the throttle control lever to keep the chain in operation, push the brake lever down with the back of the left hand.
- When the brake is running and the chain is stopped, remove the hand from the throttle.
- Loosen the brake.

c. Release of the chain brake

To use the chain saw again, the chain brake must be released. This must be done machine off and cooled. Pull the shield until it returns to its original position.



d. Sharpening of the chain

For best performance, we strongly recommend that you periodically sharpen the chain. The chain can either be sharpened by a professional or by yourself by providing you with a sharpening guide (make sure you know how to use it).

The chain must be sharpened when:

- Wood chips have become powder
- To make a normal cut, force on the tool
- The cut is not straight
- Vibration increases
- Fuel consumption has increased

NOTE: Wear safety gloves during sharpening operation.

e. Checking the lubrication of the chain

- Before checking the oil, make sure that the bar and the chain are in place.
- Once the engine is started, turn it at medium speed and check that the chain oil is sprayed and traces off the ground.
- The oil flow of the chain is adjustable to obtain the proper flow. Insert a screwdriver on the clutch side.
- Turn the adjuster to obtain the correct flow rate for the job.
- The chainsaw must essentially consume the contents of the oil tank between each full of fuel. Do not forget to fill the oil tank when filling the machine with fuel.

4. Work with wire and harness

NOTE: It is necessary to have a complete training before working at high. It is strongly recommended that only experienced and trained persons carry out work at high. Know all emergency procedures to be carried out.

These instructions are examples of good practice. Follow and abide by local laws and regulations as well.

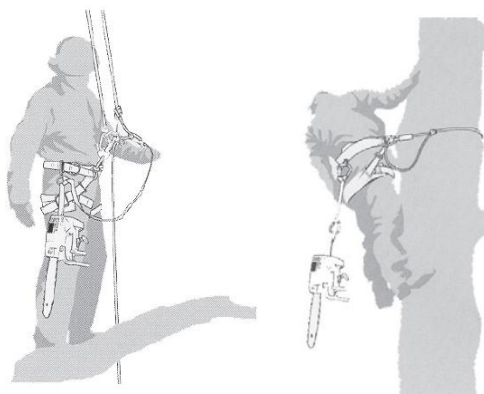
It is also recommended that the operator who is going to work at height be assisted by another person.

It is compulsory with techniques of climbing and working position. Be equipped with complete equipment including harnesses, ropes, strops, snap hooks and other equipment that allows them to maintain and maintain the saw by adopting secure positions.

a. Using the Chainsaw in the Tree

An analysis of accidents with chainsaws during tree pruning shows that the main cause is an inadequate use of the one-hand chainsaw. In a large majority of accidents, operators do not seek to adopt a safe working position that allows them to hold with both hands. This results in an increased risk of injury due to:

- The absence of a firm grasp of the chainsaw in case of rebound
- A lack of control of the chainsaw, which is more likely to come into contact with the climbing ropes and with the operator's body (especially the hand and the left arm) and
- Loss of control due to unsafe working position, resulting in contact with the chain saw (unexpected movement during operation of the chain saw).



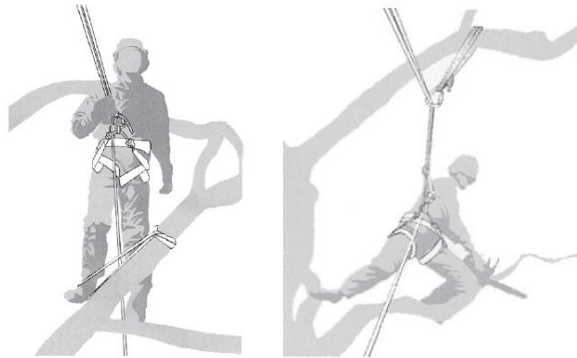
b. Safe positioning for two-hand operation

In order to allow operators to hold the chain saw with both hands, it is generally recommended that they aim for a safe working position when operating the chain saw:

- At the hip, when cutting horizontal sections.
- At the level of solar plexus, when cutting vertical sections.

When operators work near vertical trunks with low lateral forces on their working position, good support may be sufficient to maintain a safe working position. However, as operators move away from the trunk, they will need to take steps to suppress or neutralize increasing lateral forces, for example by redirecting the main rope through an additional anchor point or using an adjustable strap directly from the harness. Has an additional anchor point.

The obtaining of a good support to the working position can be favored by the use of a foot stirrup created by an endless sling.



c. Starting the saw in the tree

When starting the saw in the shaft, the operator should:

- Apply the chain brake before starting, and
- Hold the saw on the left side, either on the right side before starting:
 - On the left side, hold the saw with your left hand on the front handle while holding the saw away from the body while pulling the starter rope with your right hand, or
 - On the right side, hold the saw with your right hand on one of the two handles while holding the saw away from the body while pulling the starter rope with your left hand.
- The chain brake should always be engaged before lowering a running saw to its stroke.
- Operators should always check that the saw has sufficient fuel before undertaking critical cuts.

d. Using the chain saw with one hand

Operators should not use chain saws to prune single-handed trees when they are in an unstable working position and prefer hand saws when cutting wood of small diameter at the ends of the branches.

Only chainsaws should be used for tree pruning with one hand when:

- Operators cannot maintain a working position allowing them to use both hands
- They need to maintain their working position, allowing them to use both hands
- The saw is used in full extension, perpendicular to the body of the operator and separated from it.



Operators should:

- Never cut with the rebound area at the end of the chain saw chain guide
- Never hold and cut sections or
- Never try to catch sections when they fall.

e. Release of a jammed saw

If the saw gets stuck during cutting, the operators should:

- Saw the saw and attach it securely to the cutting foot of the shaft (ie trunk side) or has a separate chord from the tool
- Pull the saw of the cluster while the branch is lifted, if necessary,
- If necessary, use a hand saw or a second chainsaw to release the chain saw.

5. Cutting work

The tool should only be used to cut trees. Do not use it for other applications.

Do not attempt to remove the chainsaw when it is stuck during operation. Stop the machine and remove the wedge blade with a wedge.

Stick your feet well, keep a good balance and do not climb on the tree trunk.

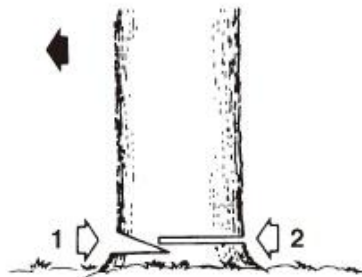
Try not to work on a slope. However, if you have to work on a slope, always stand higher than the tree trunk.

Before bending a branch or trunk in bending, observe the direction of bending and finish the cut opposite the bending side to prevent the chain guide from getting stuck in the cut.

a. Felling of trees

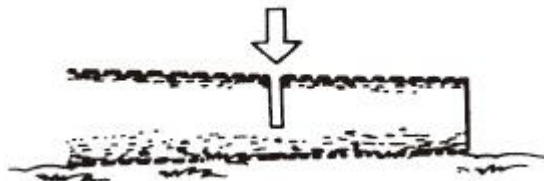
Examine the work area and estimate where the tree will fall. Start the machine as described above. Start by making a notch in the direction of fall chosen.

When the tree falls, shout or make a beep to alert people in the vicinity. When the shaft falls, you must move away from the cutting area.



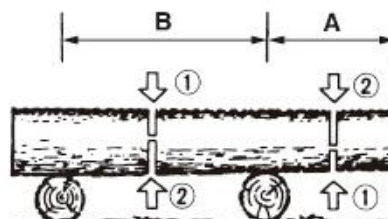
b. Trunk on the ground

Cut half of the trunk, turn it over and finish the cut on the other side.



c. Trunk in elevation

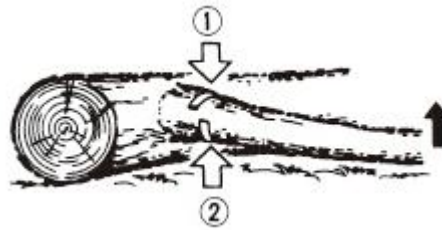
Begin by cutting a first part from below and then from above. Then, on the second part, repeat this operation.



d. Pruning of a felled tree

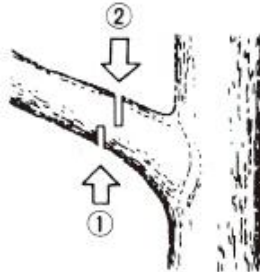
Observe first the direction of flexion of the branch. Make a first notch on the side in flexion

and finish the cut on the opposite side.



e. **Pruning a tree**

Begin pruning by nicking the tree from below and then finish at the top.



Note:

Do not work on a scaffold or an unstable ladder.

Do not work at arm's length too far from the ground.

Do not cut higher than shoulder level.

Always hold the chain saw with both hands.

6. MAINTENANCE AND STORAGE

Improper maintenance, use of non-conforming replacement components, and removal or modification of safety components can cause product problems and serious injury.

Sharpening and maintenance instructions for sharpening the saw-chain, are essential for the safety of use.

1. **Maintenance**

Before any maintenance work, the machine must be switched off and completely cooled. Perform the maintenance work according to the instructions below and perform them regularly. A clean, well-maintained machine increases its standard of living and efficiency. On the contrary, a machine maintained can cause damage, accidents and render the tool inoperable in the short term.

Any other maintenance, modification or repair work must be carried out by a qualified professional.

Do not immerse the tool in water or any other liquid.

a. **After each use**

- Clean the engine block louvers with a blower.
- Check the chain brake if it is working properly.
- Clean the plastic parts before wiping with a damp cloth.
- Check the use of the chain guide
- Check the auto lubrication circuit if it is obstructed or not.
- Check sprocket condition
- Clean the cylinder fins with a compressor

b. Cleaning the air filter

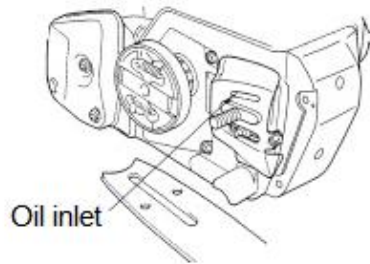
Use a compressor to blow dust and chips.

To clean the filter foam: open the air filter, remove the foam. Clean this foam with gasoline, wring out and dry. Replace the foam in the air filter and reassemble as described in the diagram.

After 10 uses, replace the foam with a new one.

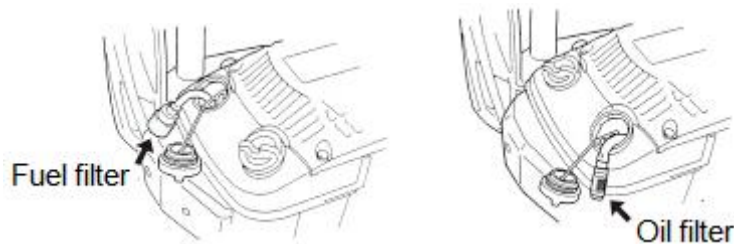
c. Clean oil inlet

Remove the chain guide and chain cover, and check the cleanliness of the oil inlet. If the inlet is dirty, use a compressor or a clean cloth to remove the dirt.



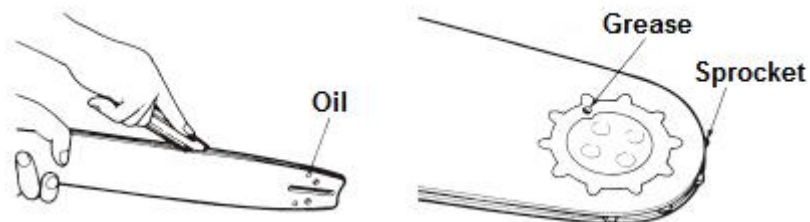
d. Cleaning the oil filter and fuel filter

Clean these items regularly. Remove them from the tanks using clamps. Clean them with gasoline and then put them back in place afterwards

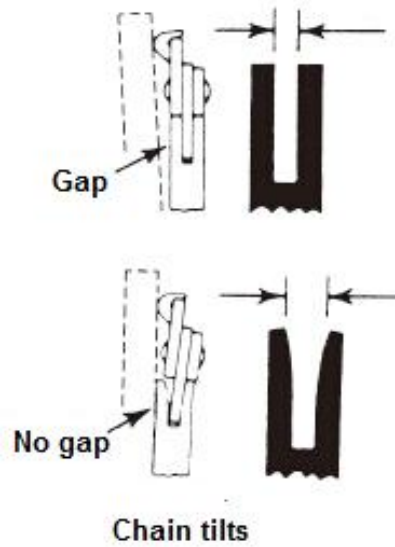


e. Guide bar

Cleaning: Remove bar guide to remove dirt from grooves and oil inlet. Regularly grease the pinion.

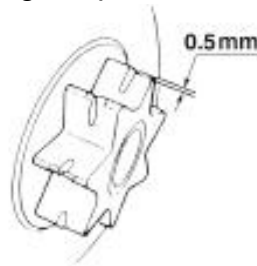


Check: Reverse the bar from time to time to avoid the effects of wear. The bar rail should always be in place. Use a ruler to observe it. If a gap is observed between them, then the rail is normal. Otherwise, the rail is worn out. A bar must be corrected or replaced.



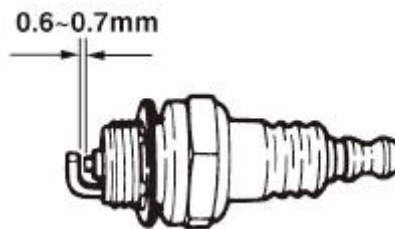
f. Sprocket

Check the sprocket on signs of wear. If wearing is important, replace it with a new one. Do not install a chain on a worn or damaged sprocket. Do not install a worn chain on a pinion.



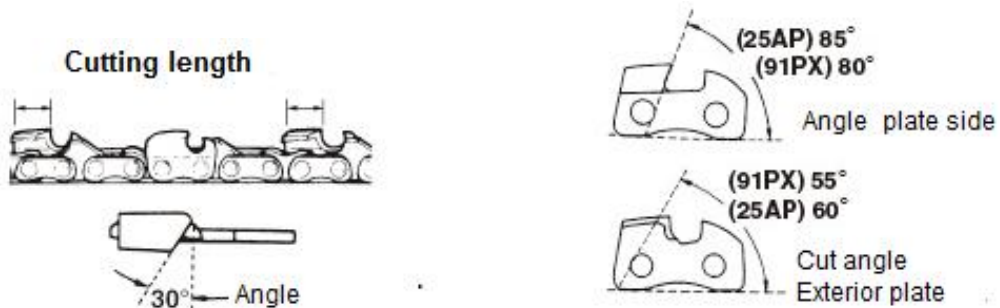
g. Spark plug

Clean the electrodes with a wire brush and set the gap to 0.6mm if necessary.



h. chain saw

Check each time the cutter and cutting angles are as shown below.



i. Sharpening of the chain

For best performance, we strongly recommend that you periodically sharpen the chain. The chain can either be sharpened by a professional or by yourself by providing you with a sharpening guide (make sure you know how to use it).

The chain must be sharpened when:

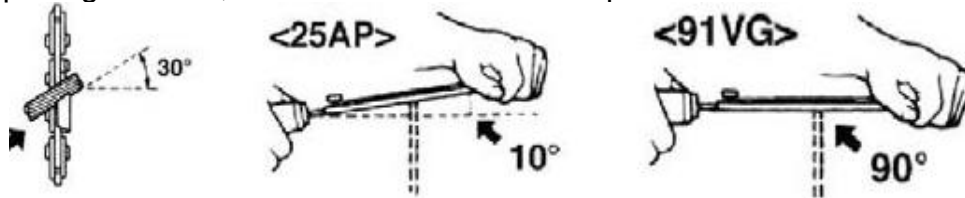
- Wood chips have become powder
- To perform a normal cut, force on the tool#

- The cut is not straight
- Vibration increase
- Fuel consumption has increased
- Sharpening method:

The chain saw must be switched off and locked before sharpening. Use a round file or sharpening device (see in store).

Place the file on the tooth and push straight. Shift with the same movement.

After sharpening all teeth, check if the teeth are sharp.



2. STORAGE

When storing, the tool must be turned off, cooled, emptied of fuel and thoroughly cleaned.

Store the tool in a dry, clean place, preferably in its packaging, and out of the reach of children.

Store all accessories and other items with the tool.

7. DISPOSAL


1) Cutting remnants:


do not throw household rubbish into the environment. Dispose of cutting remnants in rubbish collection centers or seek advice from your local municipality.

2) Tool:


- Do not dispose with household garbage. Do not throw it into the environment.
- Remove oil and fuel from the machine, and dispose them in specific recycling centers.
- Dispose of the product in a waste collection center; or seek advice from your local municipality.
- Proceed with disposal of remnants, tools, accessories, fuel mixture, oil and packaging according to local regulations regarding the protection of the environment.

3) Charger

 Electric power tools, as well as their accessories and packaging, must each be able to follow an appropriate recycling pathway. Only for the countries of the European Union:

Do not throw away your electrical appliance with household waste! In accordance with the  European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation in national laws, power tools that can no longer be used must be separated and follow an appropriate recycling pathway.

4) BATTERY PACK

 This product contains Li-ion. To preserve natural resources, please recycle or dispose of batteries properly. Local, state or federal laws may prohibit disposal of Li-ion batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.

Li-ion

8. DECLARATION OF CONFORMITY



SODILOG SAS

4 RUE CURIE, CS 91617 68016 COLMAR CEDEX FRANCE

Declares that the machinery designated below:

Petrol chainsaw

RACTRT56ES

Serial number: 20250609867-20250611866

**Complies with the provisions of the Directive "machinery" 2006/42/EC and regulations
National transposing it;**

Also complies with the following European directives:

EMC Directive 2014/30/EU

RoHS Directive (EU)2015/863 amending 2011/65/EU

Emission directive (EU) 2016/1628 & 2020/1040/EU

Battery Directive (EU) 2023/1542

LVD Directive 2014/35/EU

Noise emission Directive 2000/14/EC Annex V and Directive 2005/88/EC

Guarantee sound power level: 111 dB(A)

Measured sound power level: 107,4 dB(A) K=3,0 dB(A)

**Also complies with European standards, national standards and provisions following
techniques:**

EN ISO 11681-1: 2022

EN ISO 14982: 2009

for charger:

EN 60335-1:2012+A11+A13+A1+A14+A2+A15

EN 60335-2-29:2021+A1

EN 62233:2008

EN IEC 55014-1:2021

EN IEC 55014-2:2021

EN IEC 61000-3-2:2019+A1

EN 61000-3-3:2013+A1+A2

for battery:

EN 62311-2:2017/A1:2021

EC-Type Examination Certificate

No. M6A 105270 0045 Rev. 00

TUV SUD Product Service GmbH is Notified Body according to Council Directive 2006/42/EC relating to machinery, notified by publication in the Official Journal of the EC with identification No.0123.

TUV SUD Product Service GmbH + Certification Body + Ridlerstrae 65 + 80339 Munich Germany

Responsible of the Technical file: Mr Olivier Patriaca

COLMAR CEDEX, 15/05/2025

Jacques Masson/PDG

9. WARRANTY



WARRANTY

The manufacturer guarantees the product against defects in material and workmanship for a period of 2 years from the date of the original purchase. The warranty only applies if the product is for household use. The warranty does not cover breakdowns due to normal wear and tear.

The manufacturer agrees to replace parts identified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, in whole or in part, and/or ensuing damage.

The warranty does not cover breakdowns due to:

- insufficient maintenance.
- abnormal assembly, adjustment or operations of the product.
- parts subject to normal wear and tear.

The warranty does not extend to:

- shipping and packaging costs.
- using the tool for a purpose other than that for which it was designed.
- the use and maintenance of the machine done in a manner not described in the user manual.

Due to our policy of continuous product improvement, we reserve the right to alter or change specifications without notice. Consequently, the product may be different from the information contained therein, but a modification will be undertaken without notice if it is recognized as an improvement of the preceding characteristic.

READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.

When ordering spare parts, please indicate the part number or code, you can find this in the spare parts list in this manual. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us by phone or via our website:

- **+33 (0)9.70.75.30.30**
- **<https://services.swap-europe.com/contact>**

You must create a "ticket" via the web platform.

- Register or create your account.
- Indicate the reference of the tool.
- Choose the subject of your request.
- Describe your problem.
- Attach these files: invoice or sales receipt, photo of the identification plate (serial number), photo of the part you need (for example: pins on the transformer plug which are broken).



10. PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- a) Empty the fuel tank if your product has one.
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.

Go to the store with the complete machine and with the receipt or invoice.

If you bought your product on a website:

- a) Empty the fuel tank if your product has one.
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- c) Create a SWAP-Europe service ticket on the site: <https://services.swap-europe.com> When making the request on SWAP-Europe, you must attach the invoice and the photo of the nameplate (serial number).
- d) Contact the repair station to make sure it is available before dropping off the machine.

Go to the repair station with the complete machine packed, accompanied by the purchase invoice and the station support sheet downloadable after the service request is completed on the SWAP-Europe site

For machines with engine failure from manufacturers BRIGGS & STRATTON, HONDA and RATO, please refer to the following instructions.

Repairs will be done by approved engine manufacturers of these manufacturers, see their site:

- <http://www.briggsandstratton.com/eu/fr>
- <http://www.honda-engines-eu.com/fr/service-network-page;jsessionid=5EE8456CF39CD572AA2AEEDFD290CDAE>
- <https://www.rato-europe.com/it/service-network>

Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.

For any question concerning our after-sales service you can make a request on our website <https://services.swap-europe.com>

Our hotline remains available at +33 (9) 70 75 30 30.



11. WARRANTY EXCLUSIONS

THE WARRANTY DOES NOT COVER:

- Start-up and setting up of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from assembly or start-up not in accordance with the user manual.
- Breakdowns related to carburetion beyond 90 days and fouling of carburetors.
- Periodic and standard maintenance events.
- Actions of modification and dismantling that directly void the warranty.
- Products whose original authentication marking (brand, serial number) has been degraded, altered or withdrawn.
- Replacement of consumables.
- The use of non-original parts.
- Breakage of parts following impacts or projections.
- Accessories breakdowns.
- Defects and their consequences linked to any external cause.
- Loss of components and loss due to insufficient screwing.
- Cutting components and any damage related to the loosening of parts.
- Overload or overheating.
- Poor power supply quality: faulty voltage, voltage error, etc.
- Damages resulting from the deprivation of enjoyment of the product during the time necessary for repairs and more generally the costs related to the immobilization of the product.
- The costs of a second opinion established by a third party following an estimate by a SWAP-Europe repair station
- The use of a product which would show a defect or a breakage which was not the subject of an immediate report and/or repair with the services of SWAP-Europe.
- Deterioration linked to transport and storage*.
- Launchers beyond 90 days.
- Oil, petrol, grease.
- Damages related to the use of non-compliant fuels or lubricants.

* In accordance with transport legislation, damage related to transport must be declared to carriers within 48 hours maximum after observation by registered letter with acknowledgement of receipt.

This document is a supplement to your notice, a non-exhaustive list.

Attention: All orders must be checked in the presence of the delivery person. In case of refusal by the delivery person, it you must simply refuse the delivery and notify your refusal.

Reminder: The reserves do not exclude the notification by registered letter with acknowledgement within 72 hours.

Information: Thermal devices must be wintered each season (service available on the SWAP-Europe site). Batteries must be charged before being stored.



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SODILOG SAS

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