



IKRA IBKH 33-1 Multi Function Garden Tool Instruction Manual

[Home](#) » [IKRA](#) » IKRA IBKH 33-1 Multi Function Garden Tool Instruction Manual 



IBKH 33-1 Multi Function Garden Tool



Instruction Manual
Operating Instructions – Translation of the original Operating Instructions

Read operating instructions before use!

Contents

- 1 IBKH 33-1 Multi Function Garden Tool**
- 2 TECHNICAL DATA**
- 3 SYMBOLS**
- 4 SPECIFIED CONDITIONS OF USE**
- 5 CONDITIONS OF USE – BRUSHCUTTER / TRIMMER**
- 6 SAFETY WARNINGS**
- 7 SAFETY INSTRUCTIONS FOR PETROL POWERED EQUIPMENT**
- 8 SAFETY INSTRUCTIONS – BRUSH CUTTER / GRASS TRIMMER**
- 9 POLE HEDGE TRIMMER**
- 10 POLE PRUNING SAW**
- 11 TRANSPORT**
- 12 STORAGE**
- 13 MAINTENANCE**
- 14 FAILURE REMOVAL**
- 15 DISPOSAL**
- 16 Documents / Resources**
 - 16.1 References**

IBKH 33-1 Multi Function Garden Tool



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13



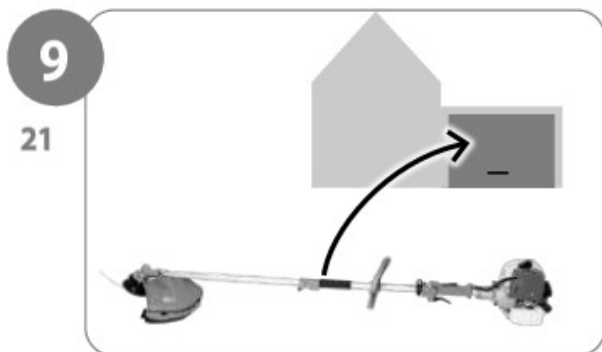
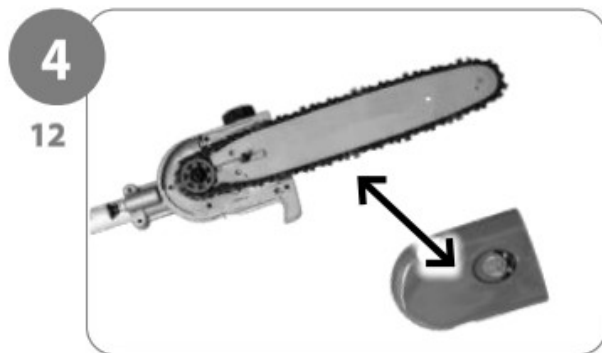
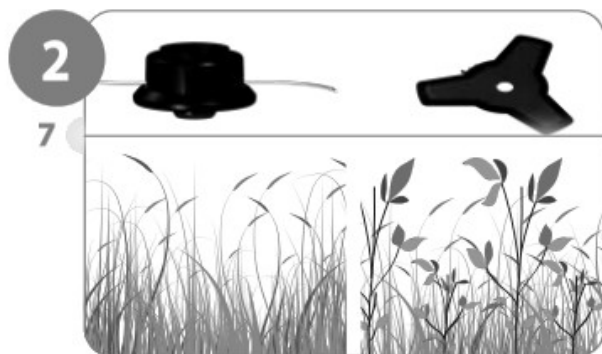
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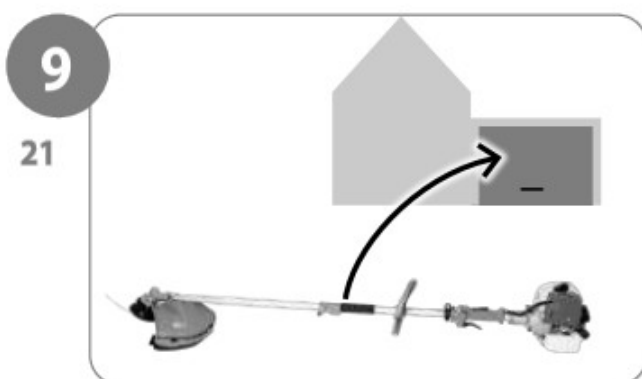
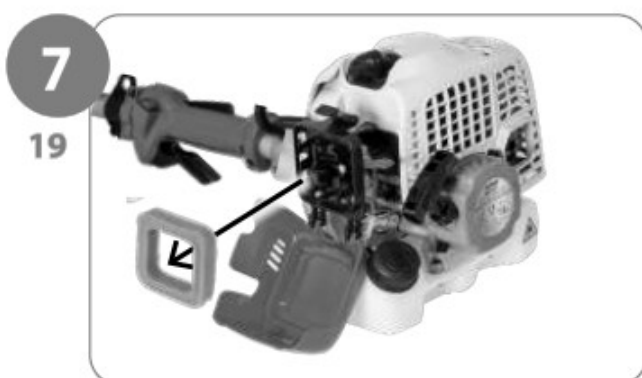
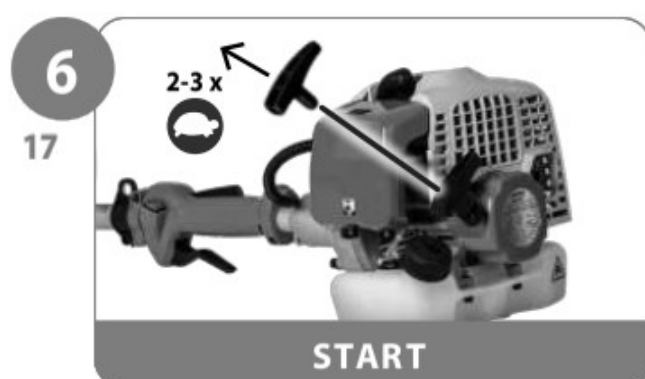
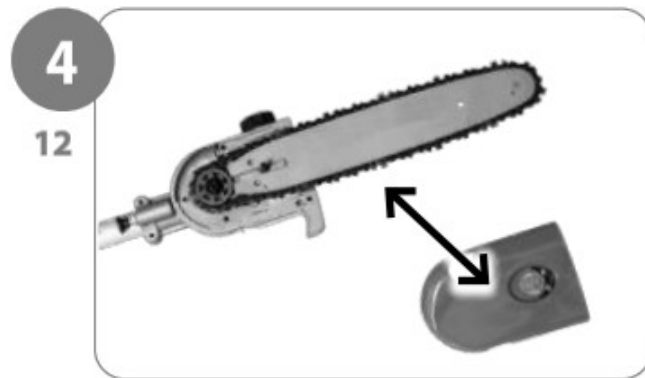
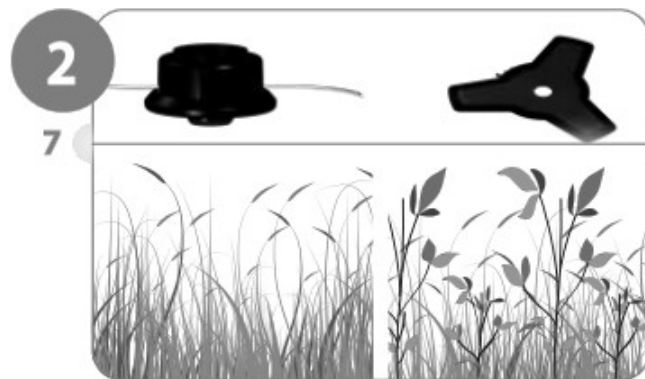


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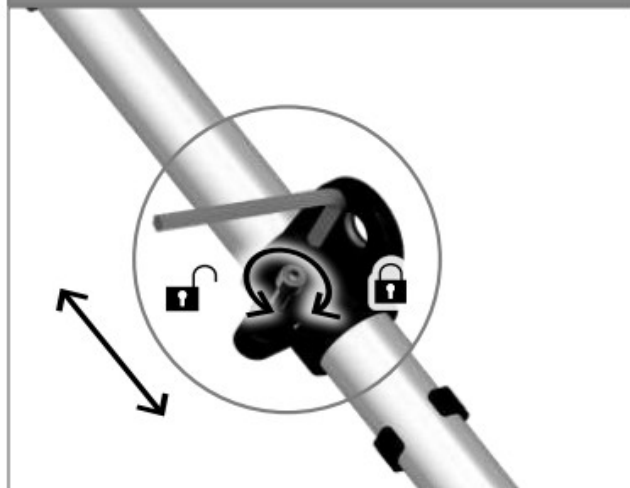
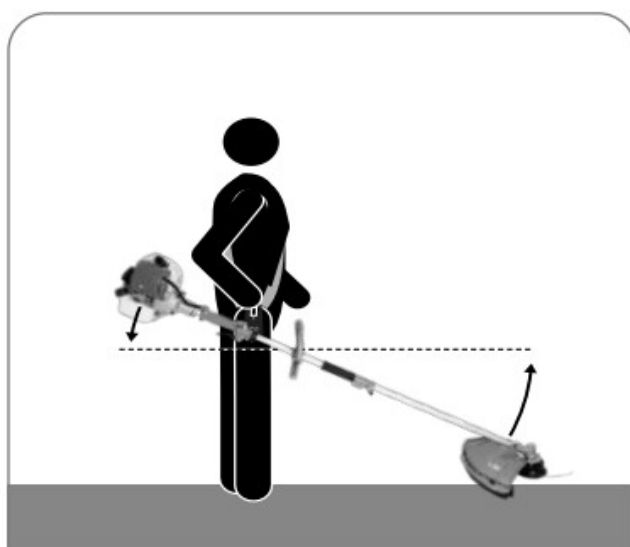
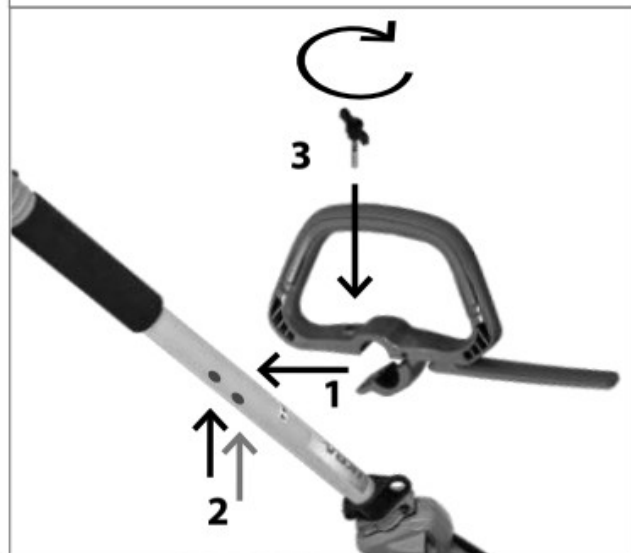


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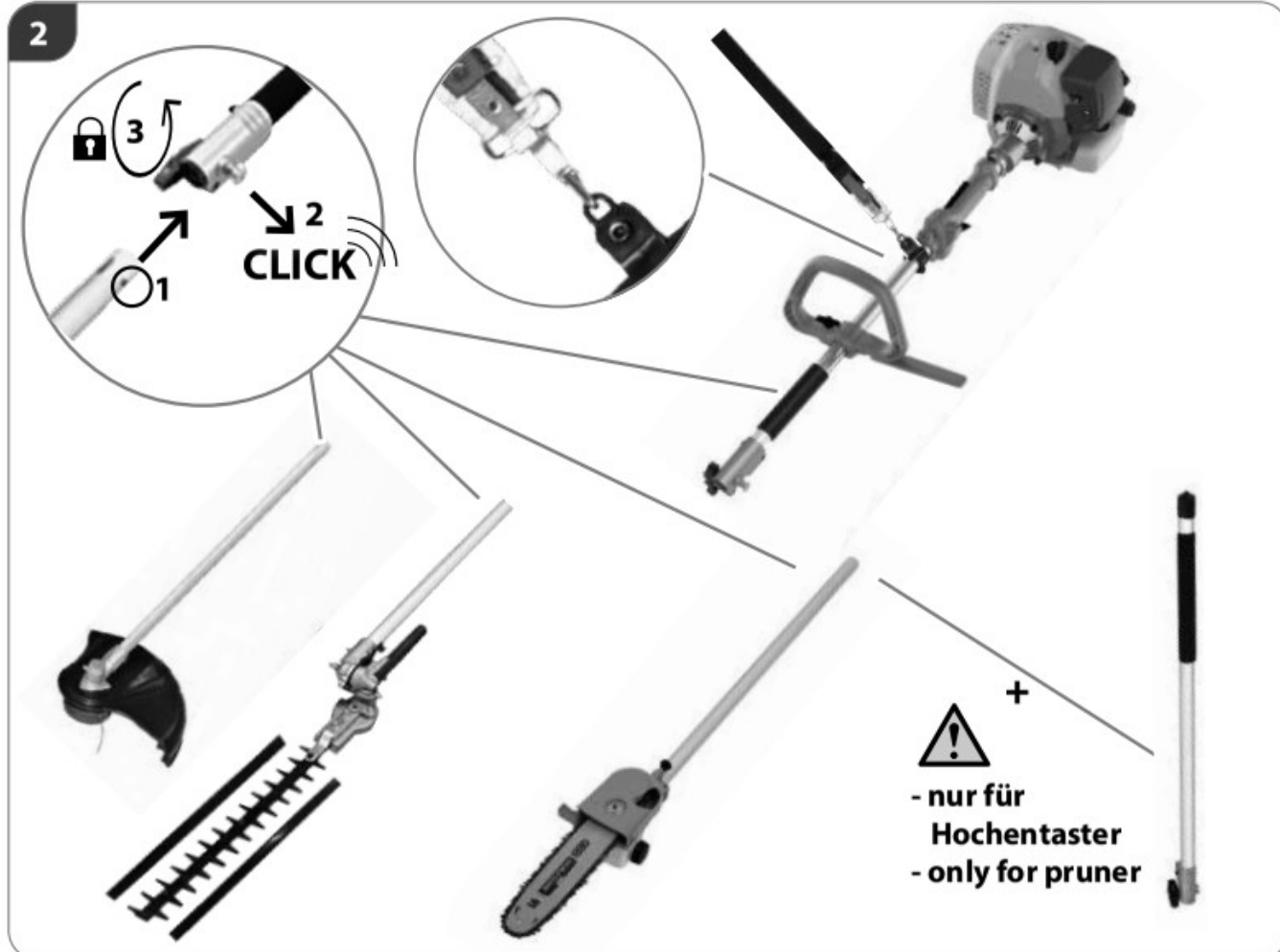
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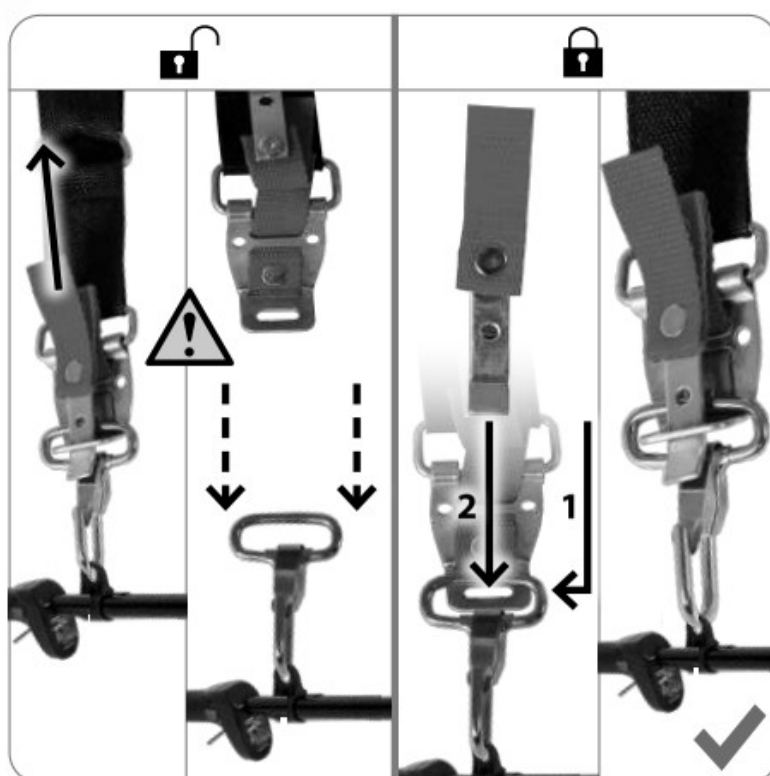
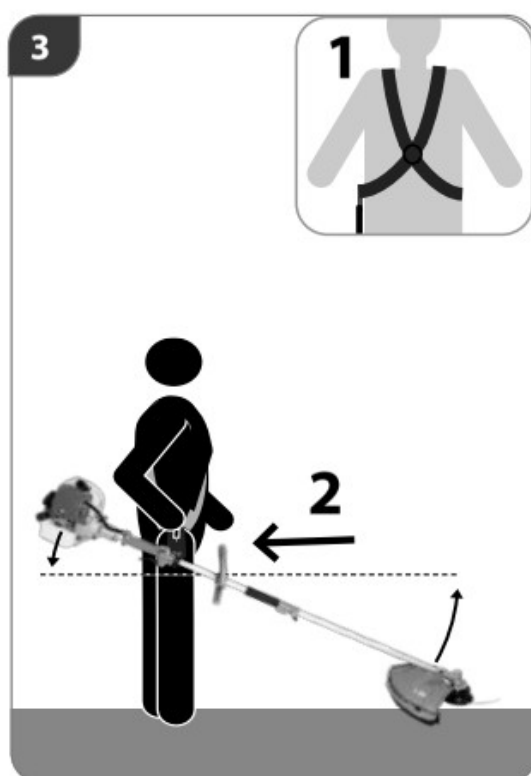
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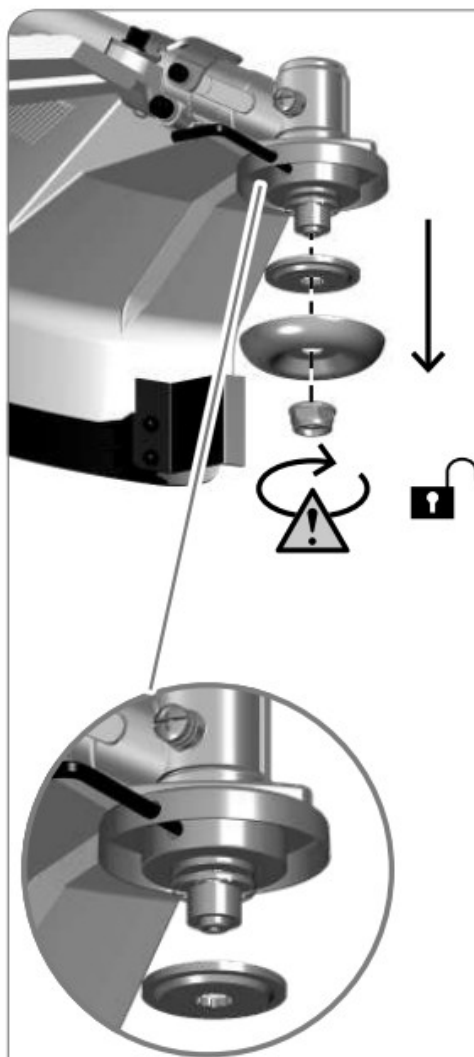
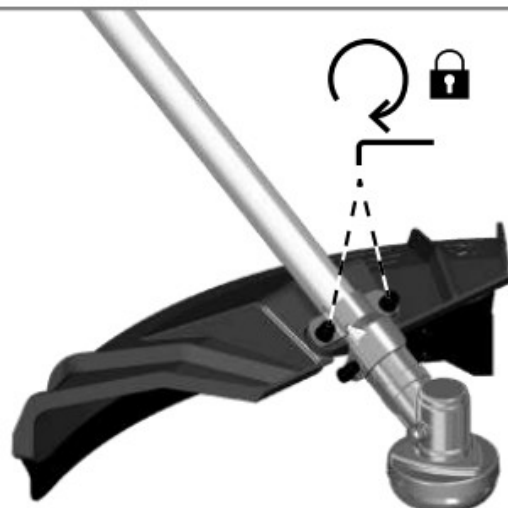
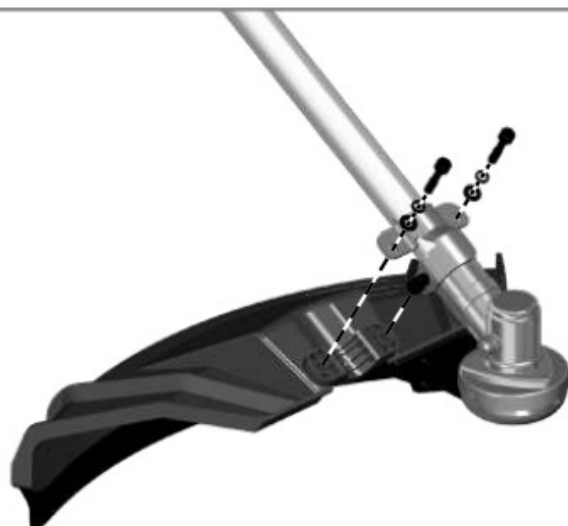


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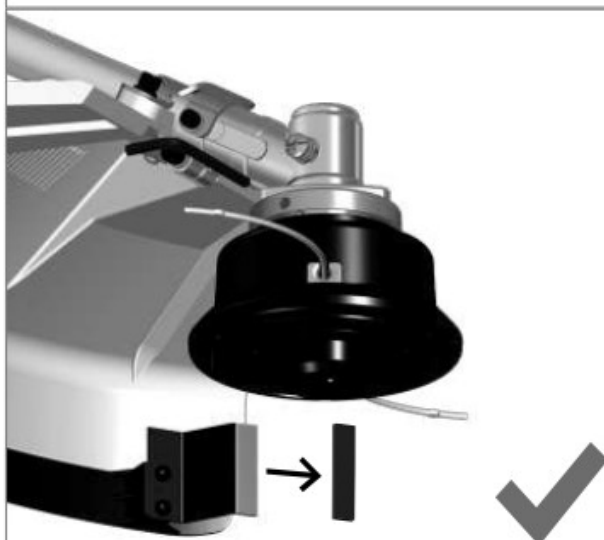
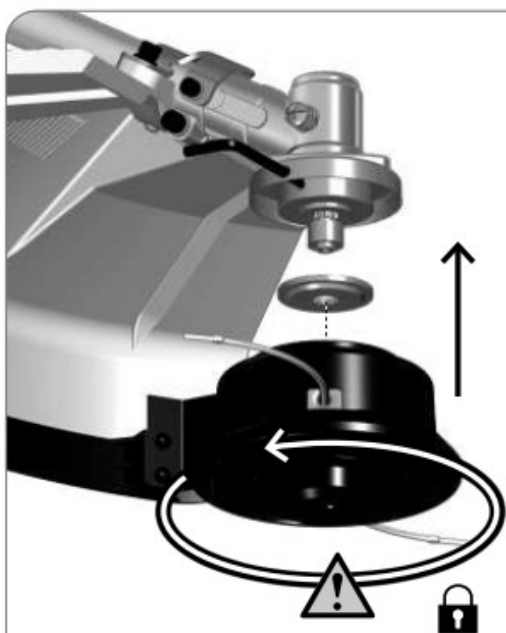
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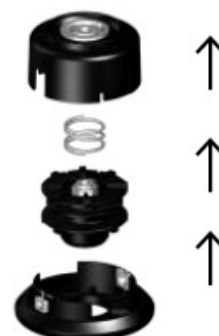
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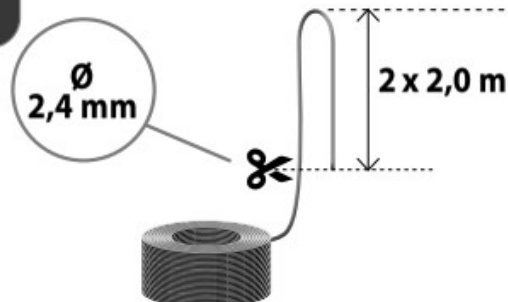
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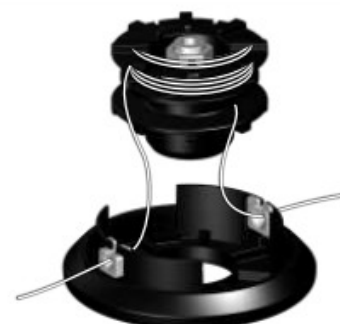
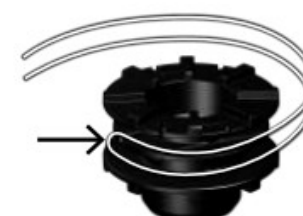
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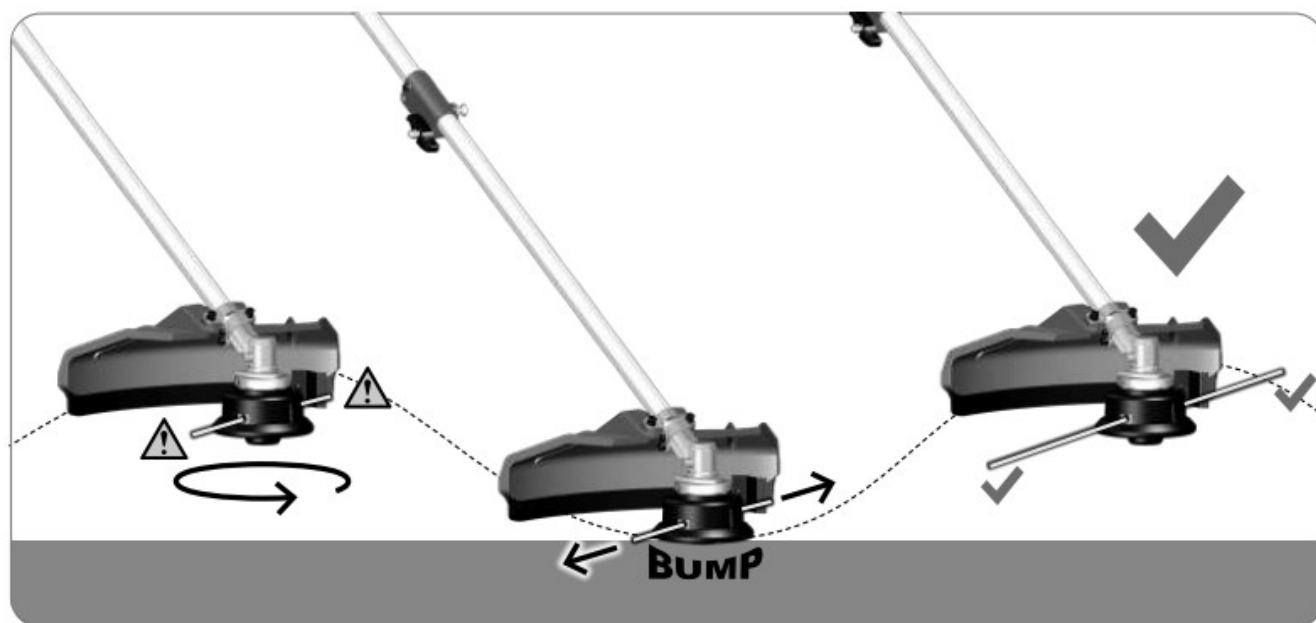
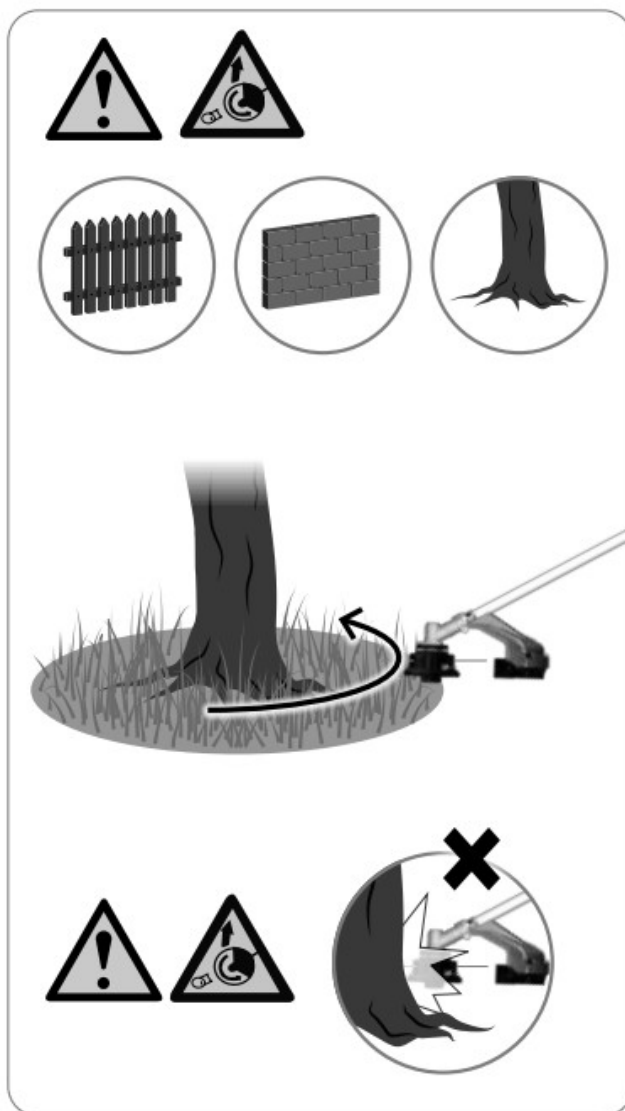
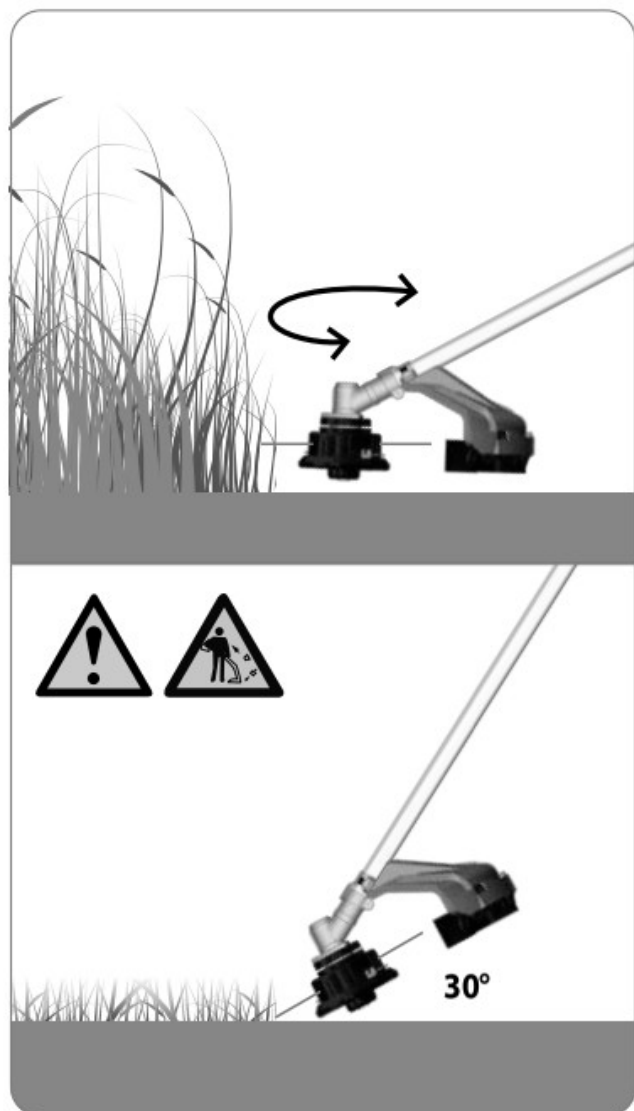


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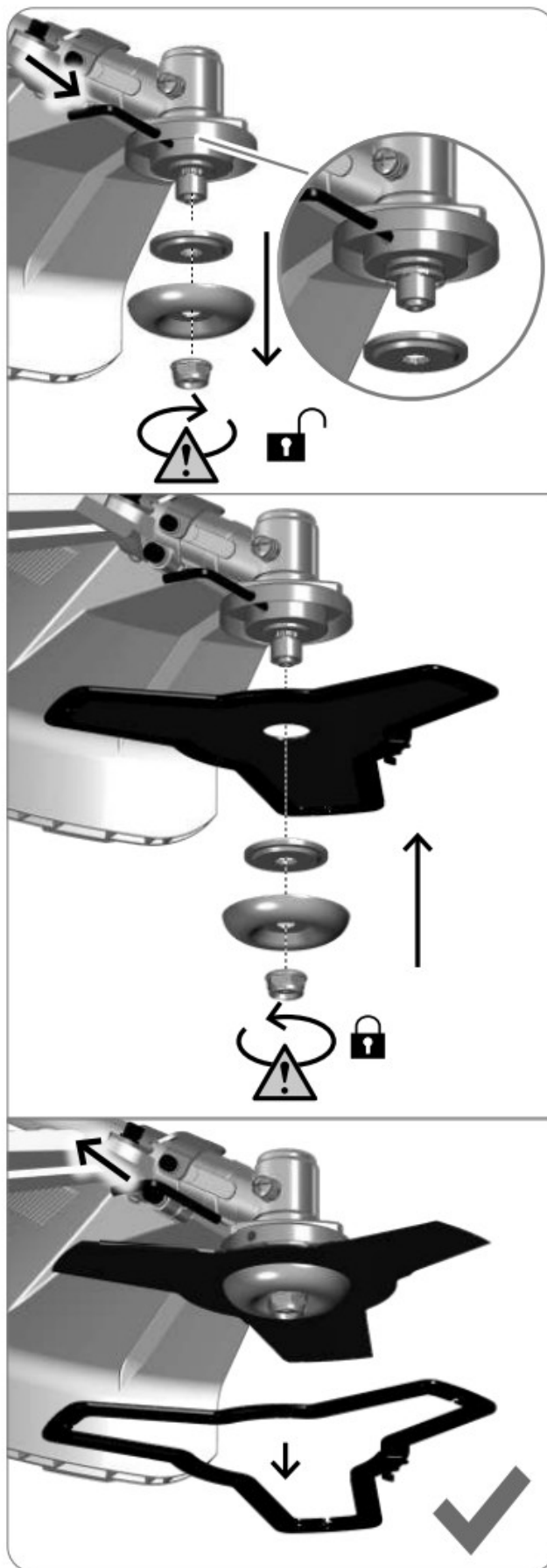
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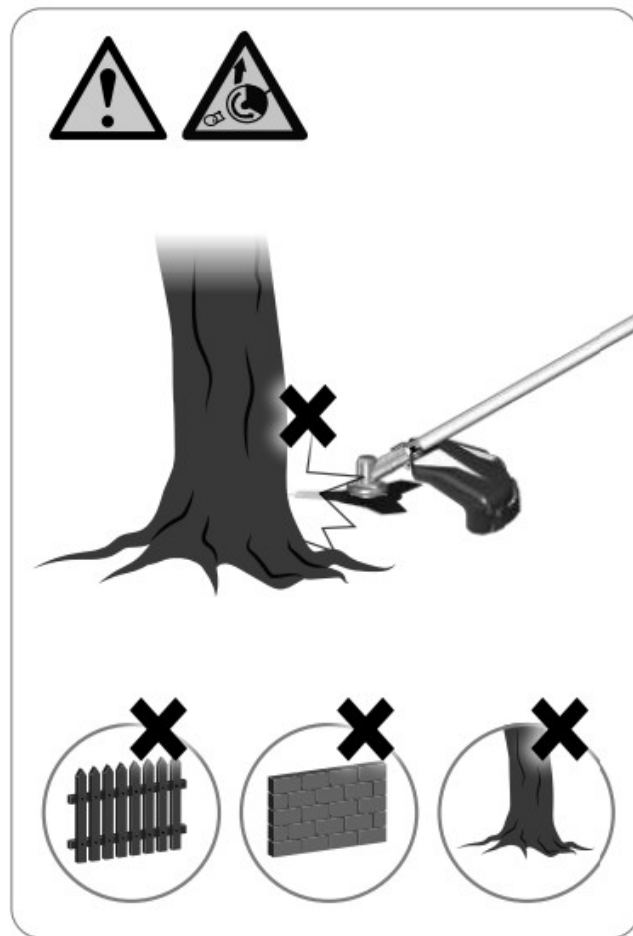
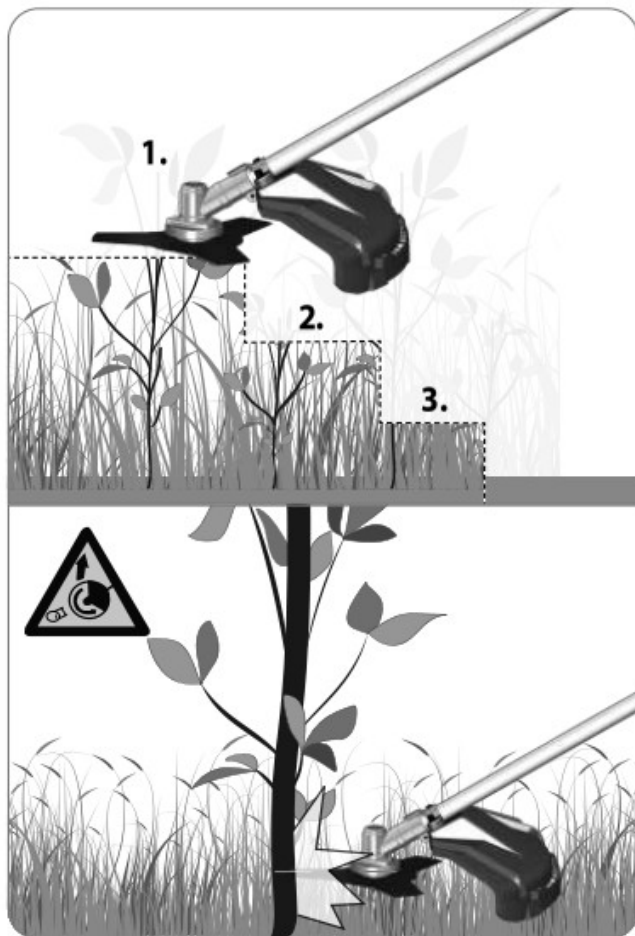
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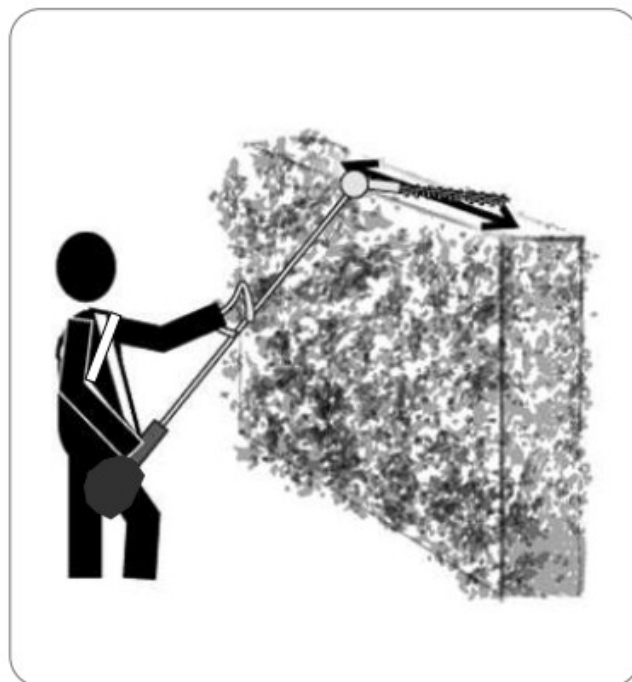
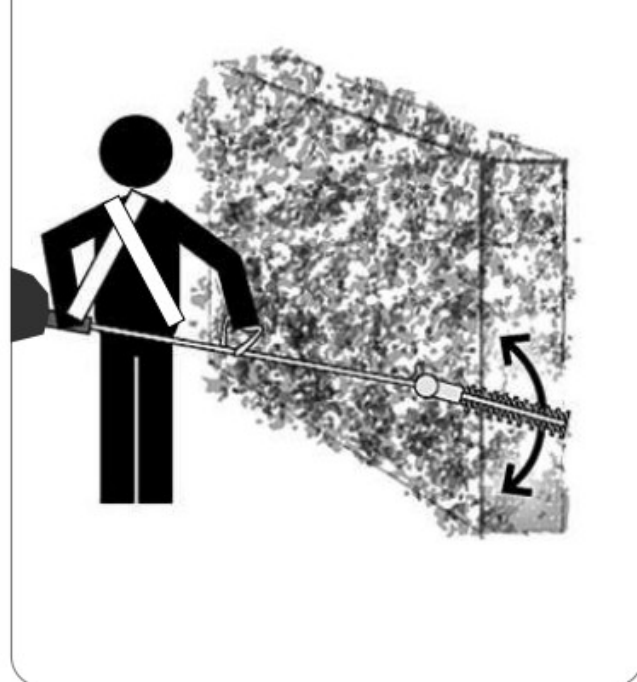
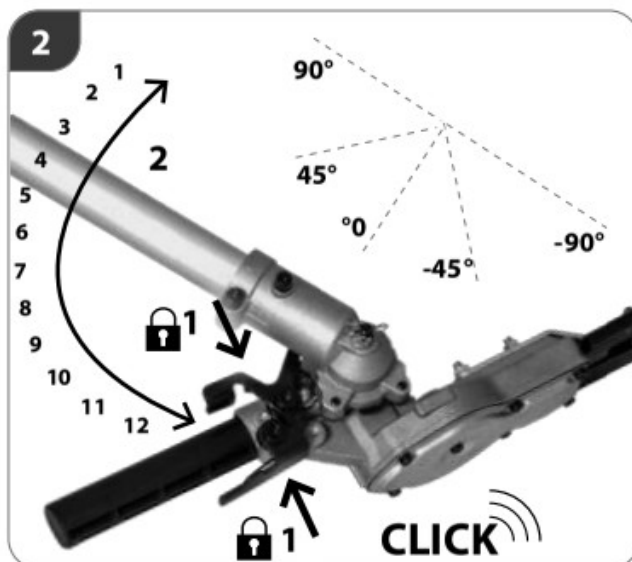
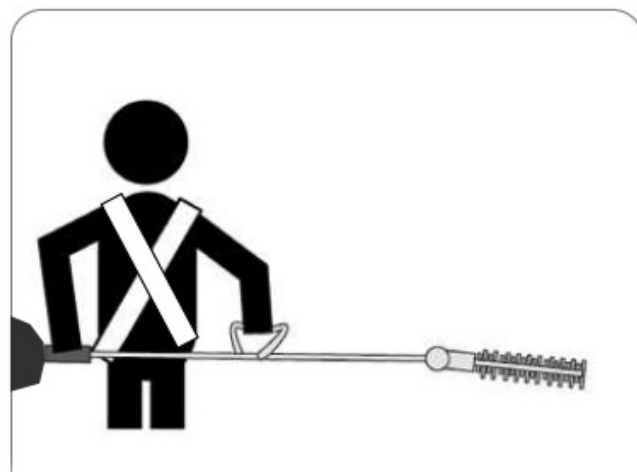
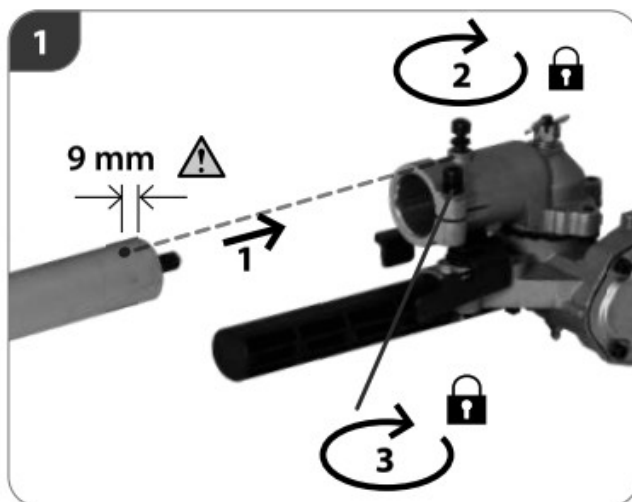
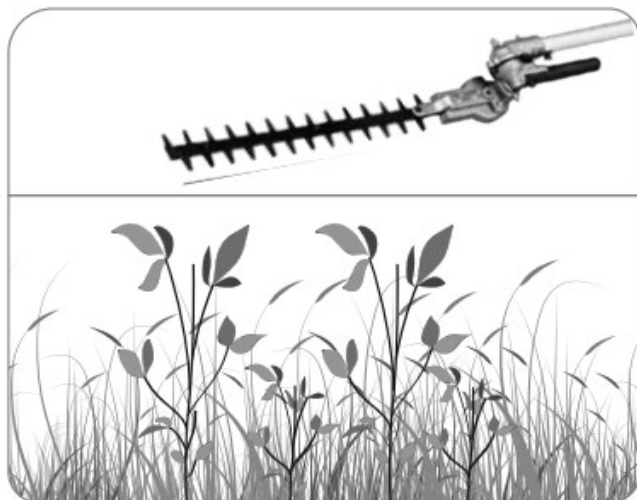


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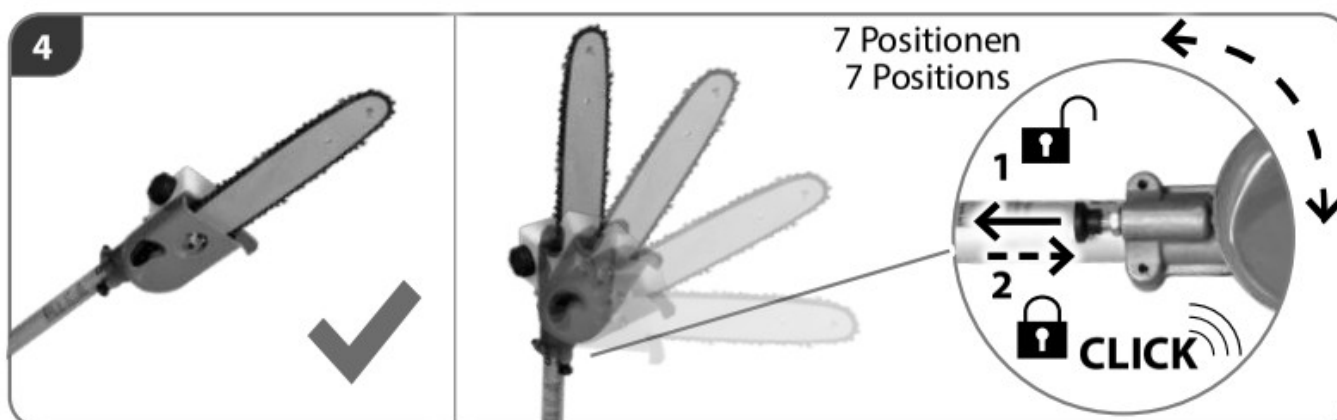
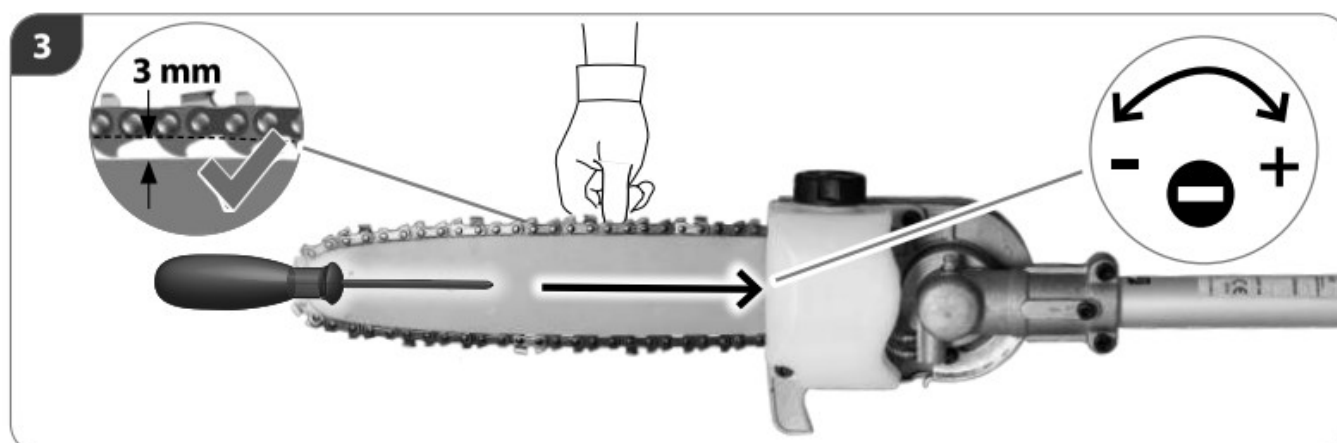
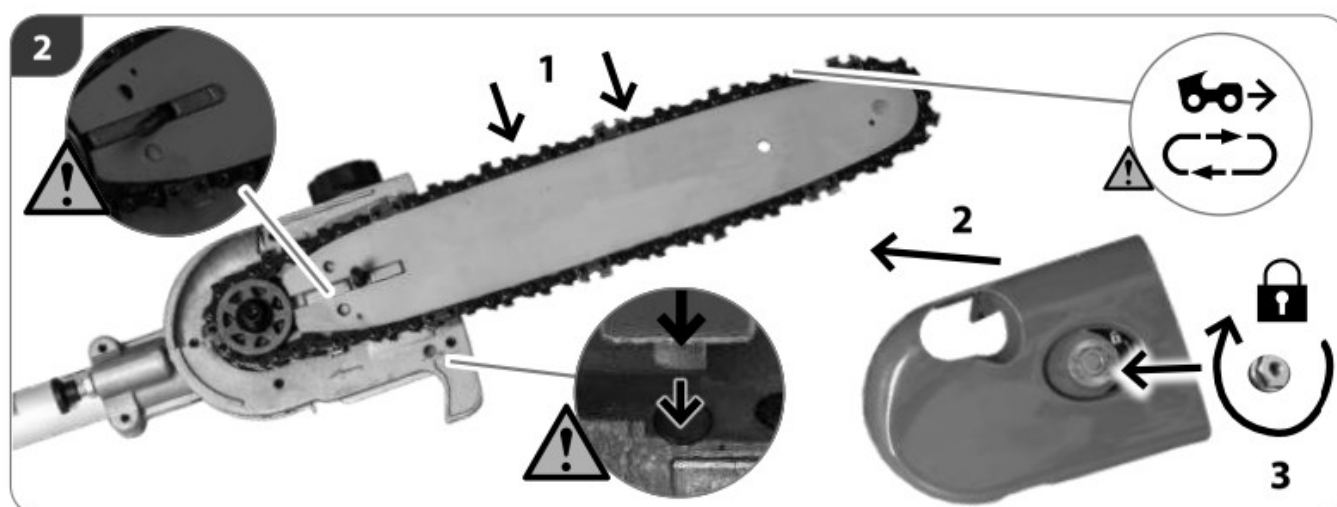
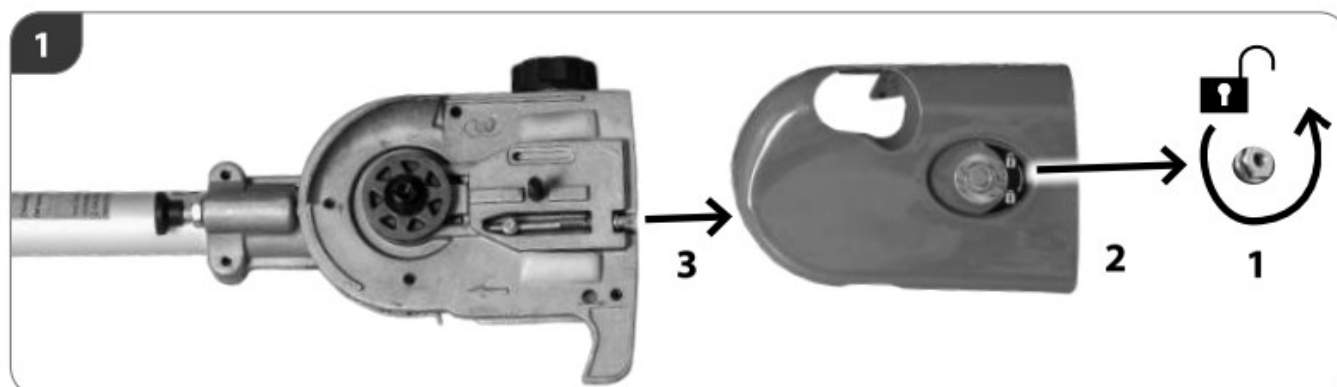


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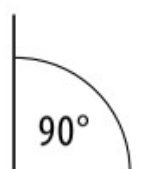
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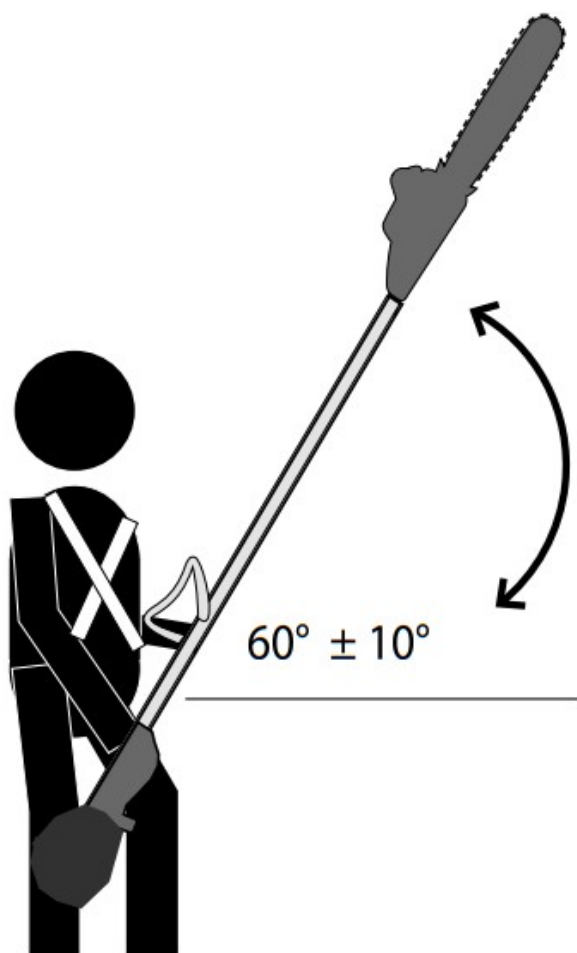
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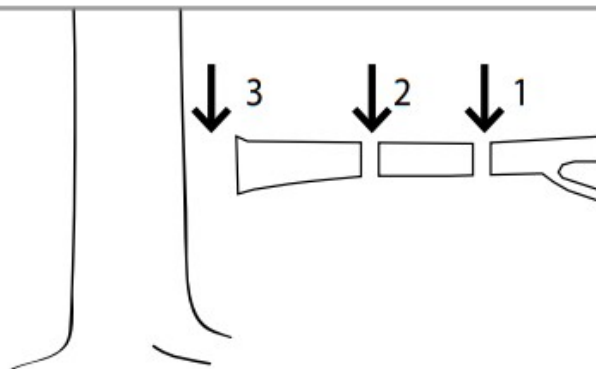
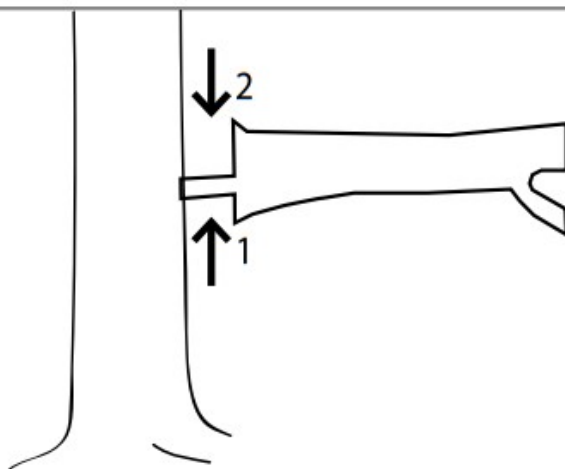
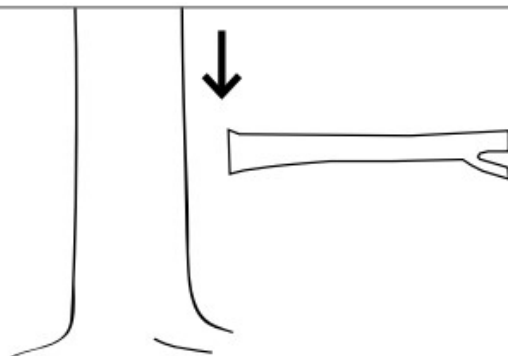
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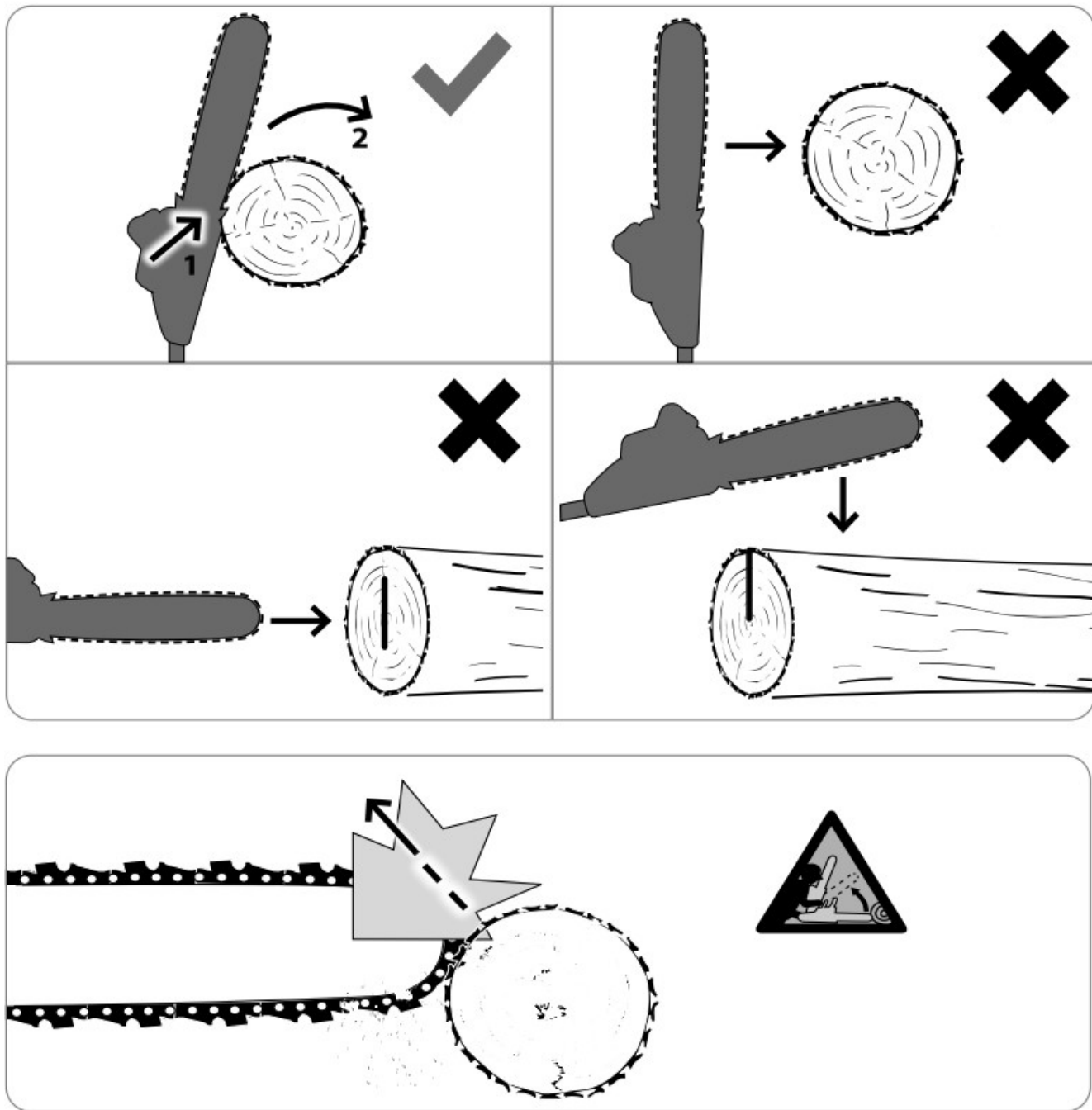
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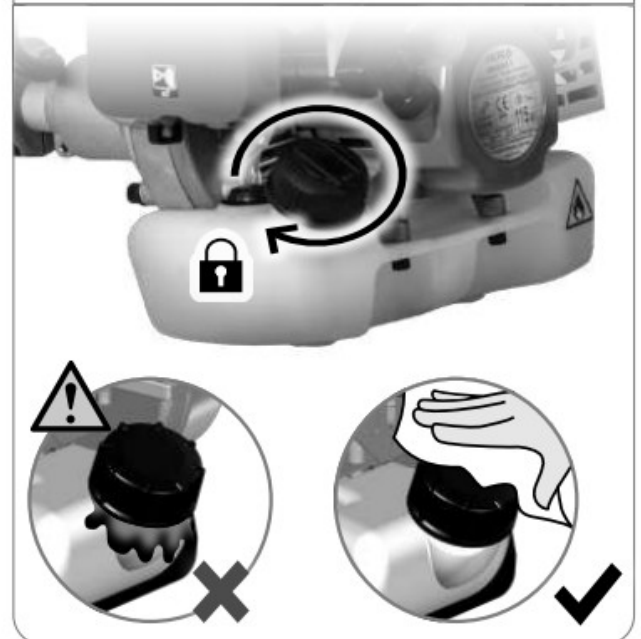
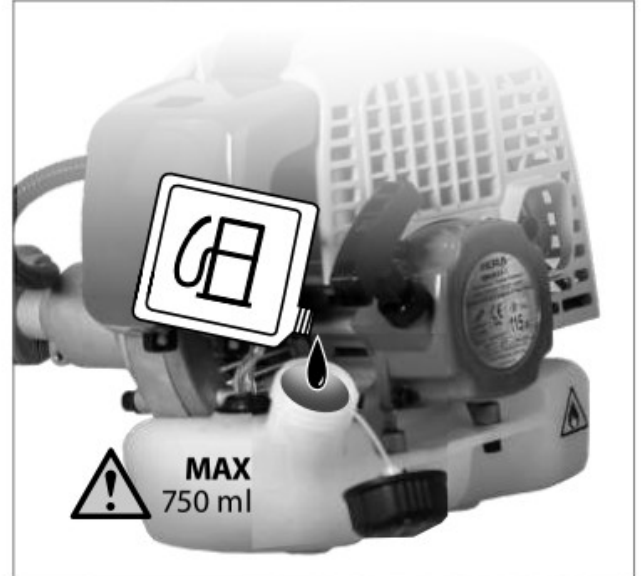
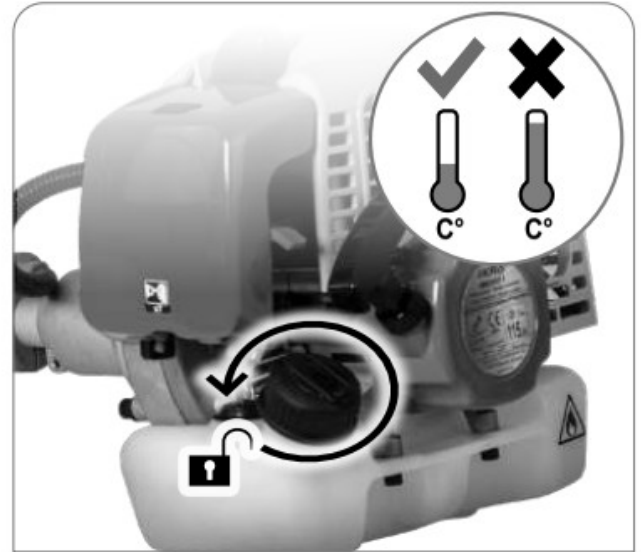
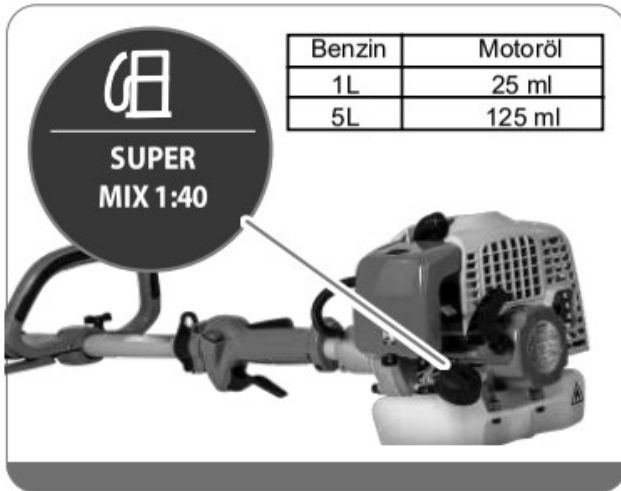




$60^\circ \pm 10^\circ$









START

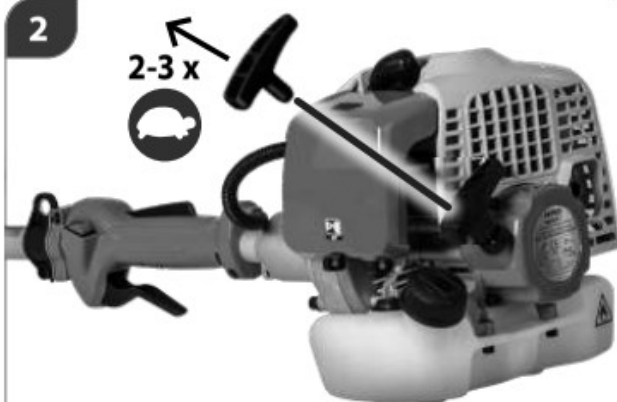


1 | Choke

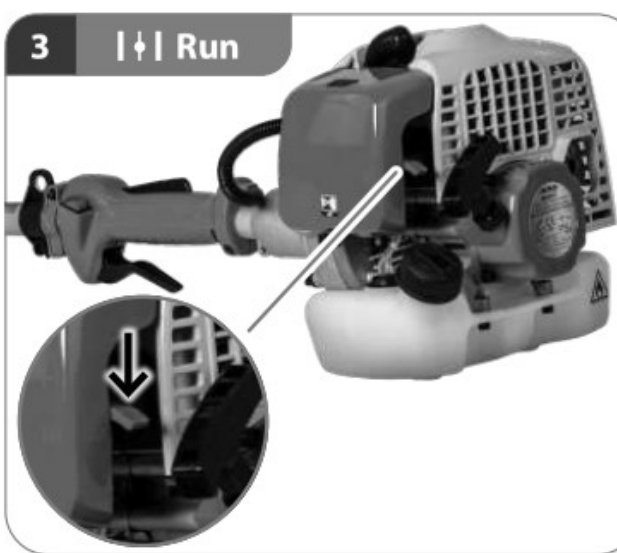
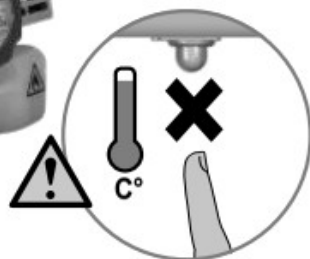
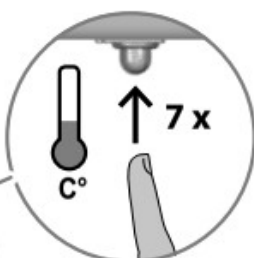
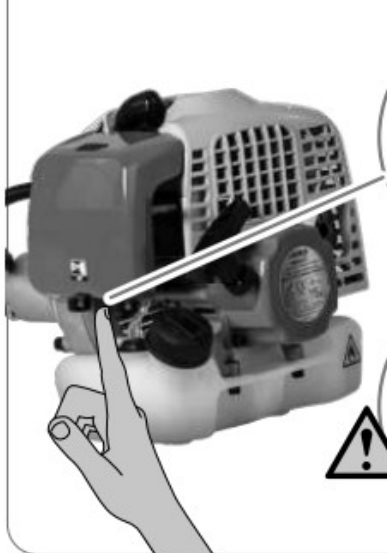


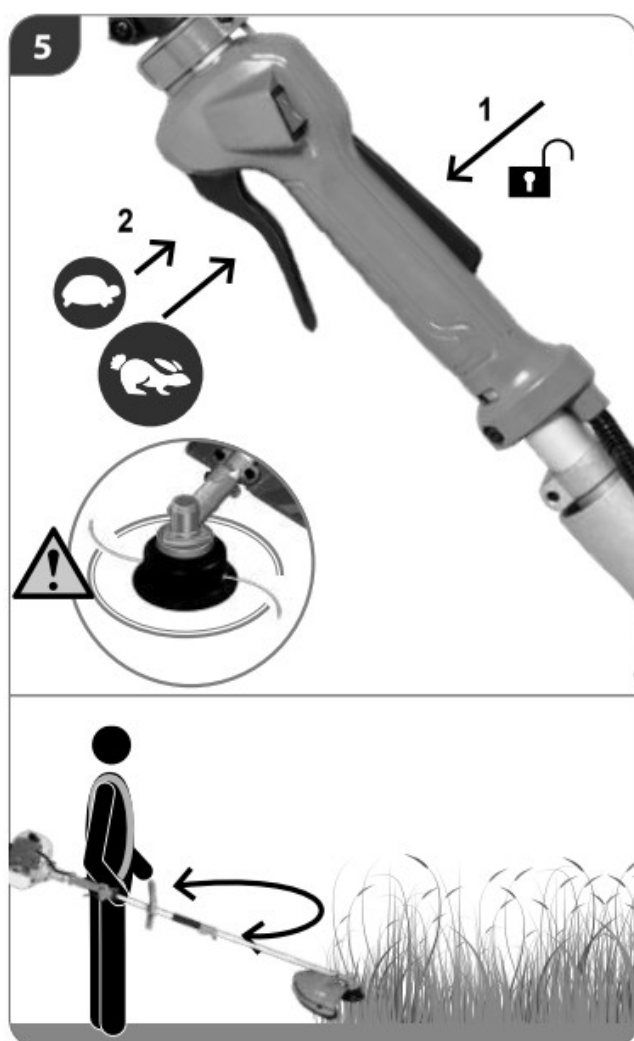
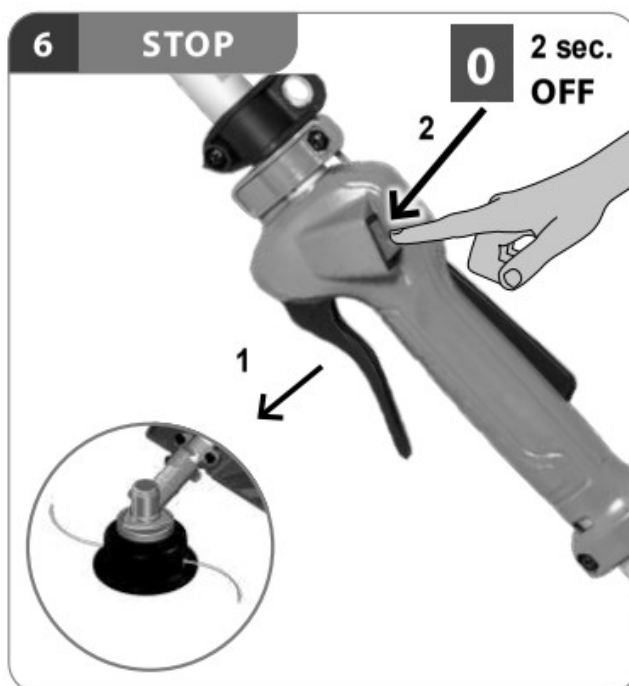
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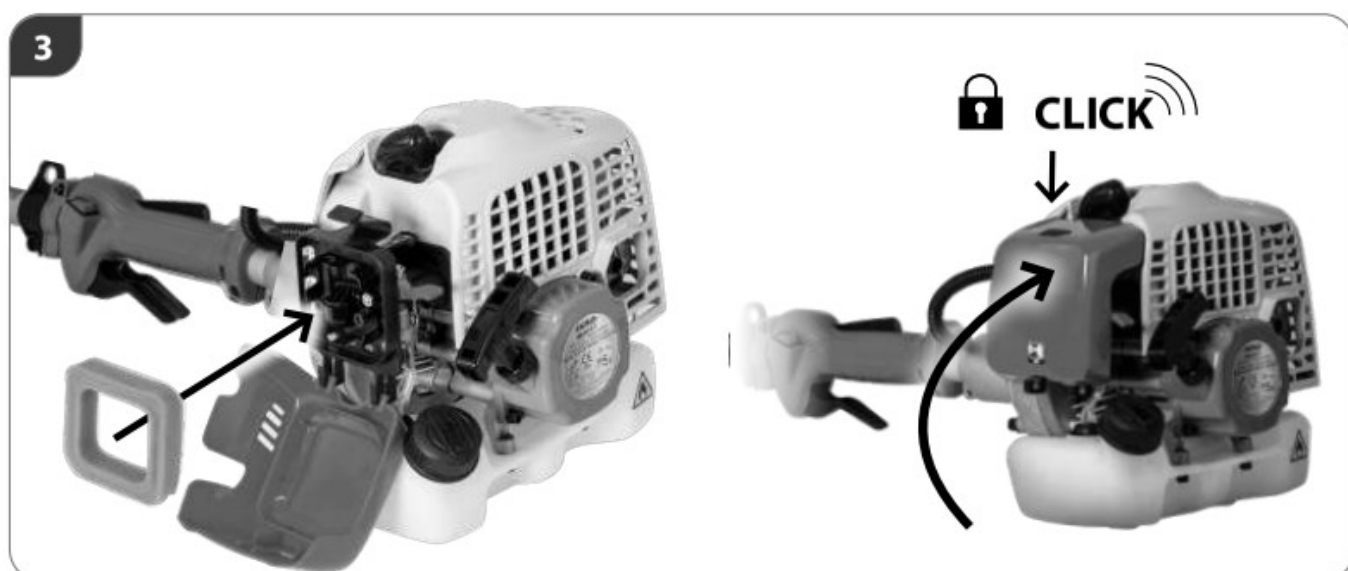
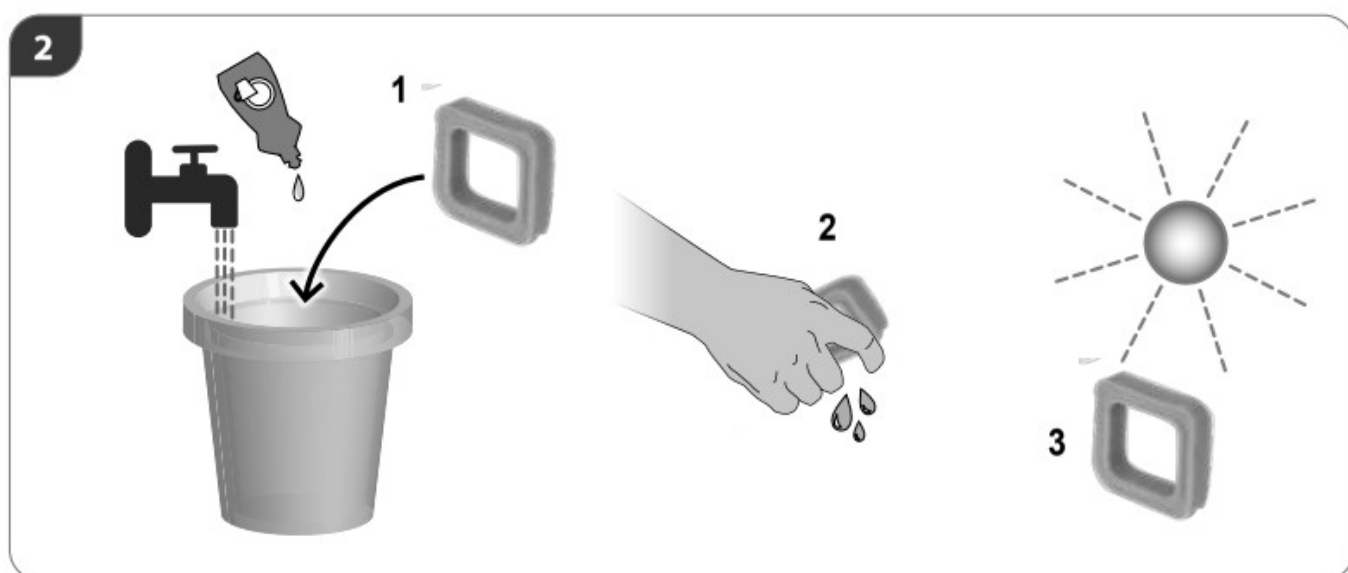
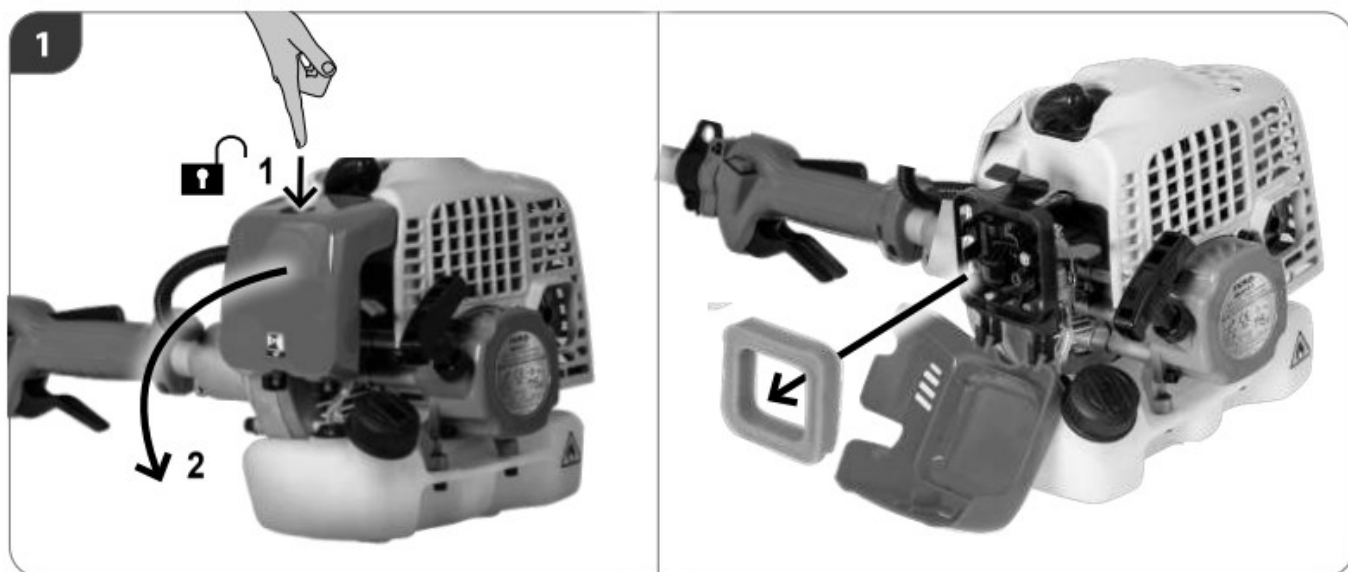
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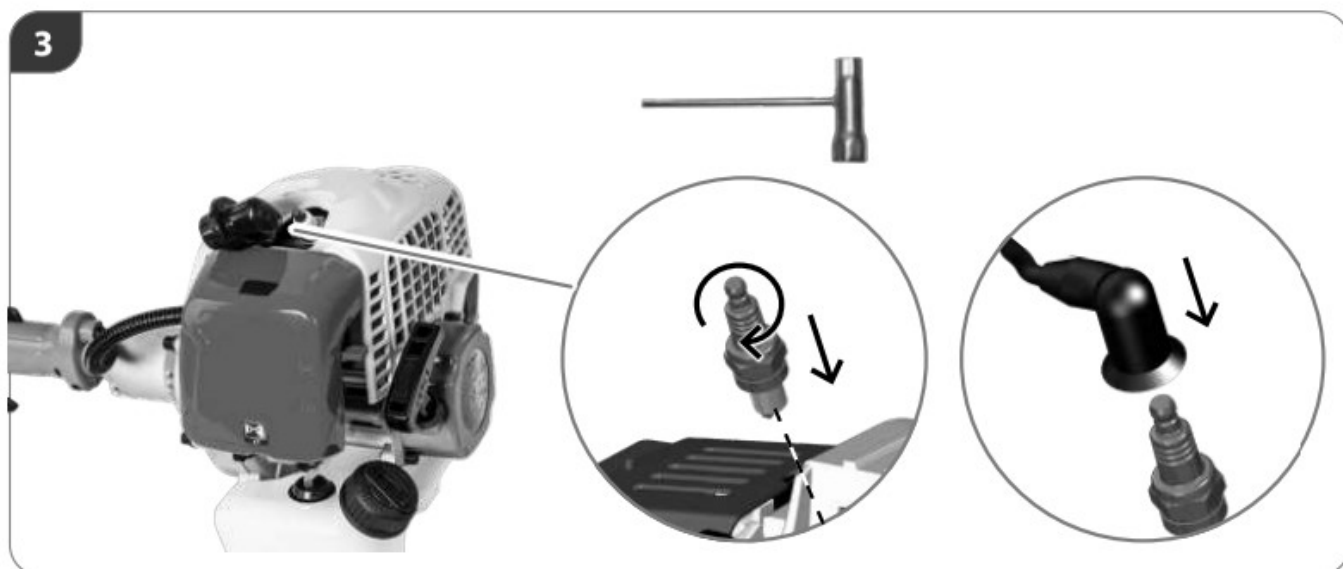
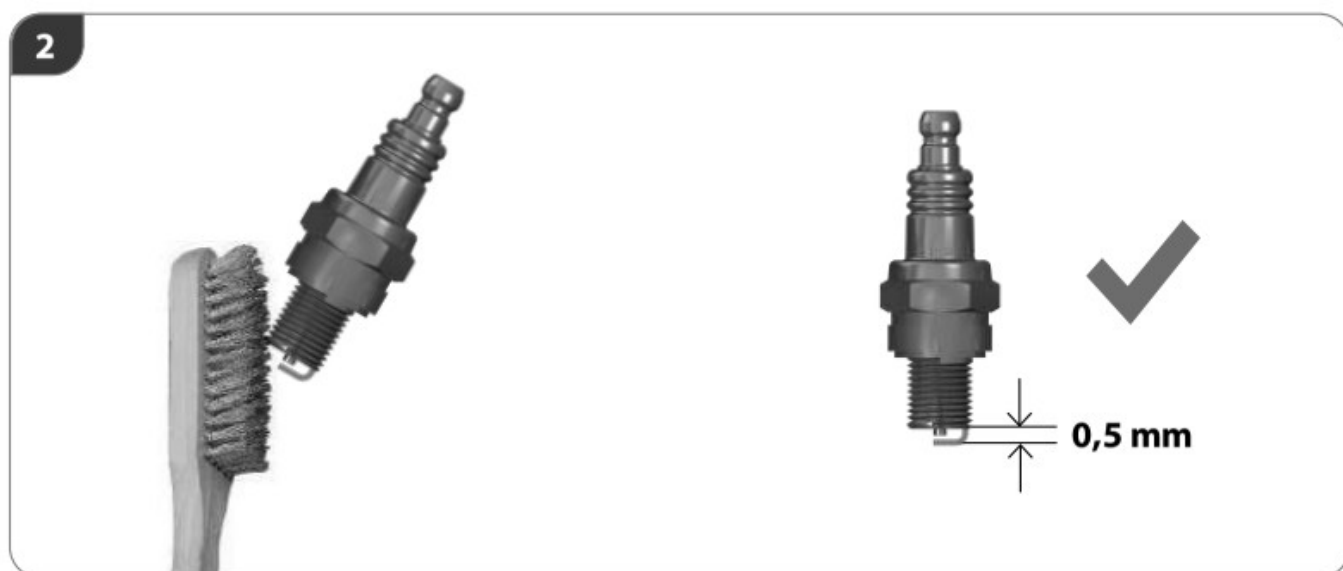
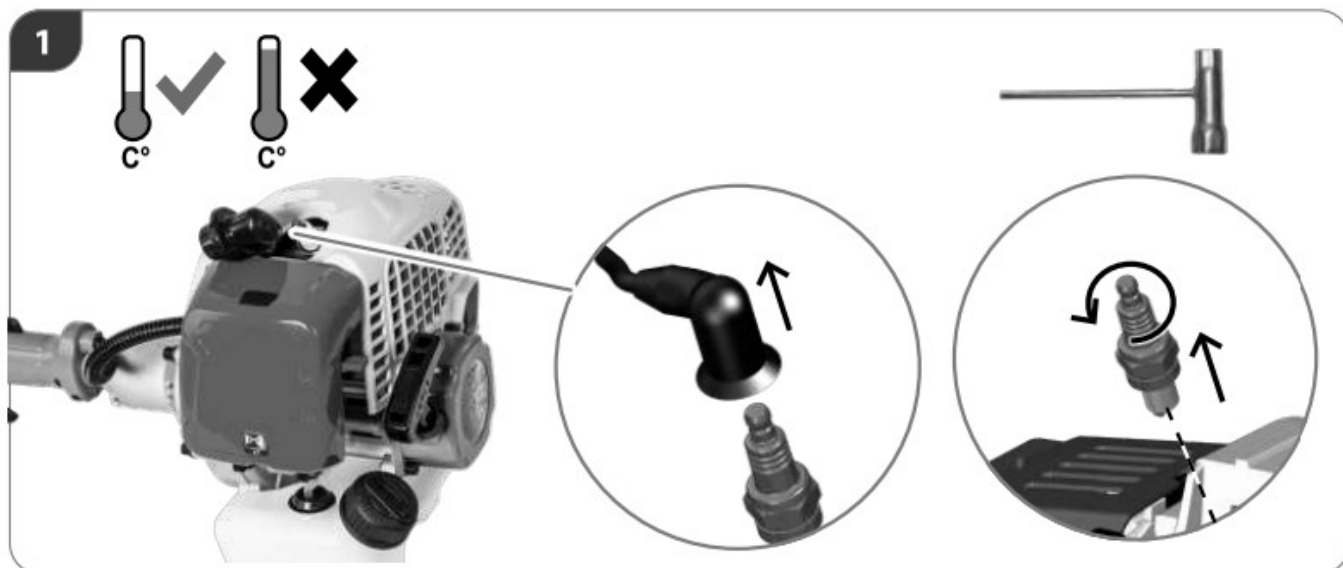


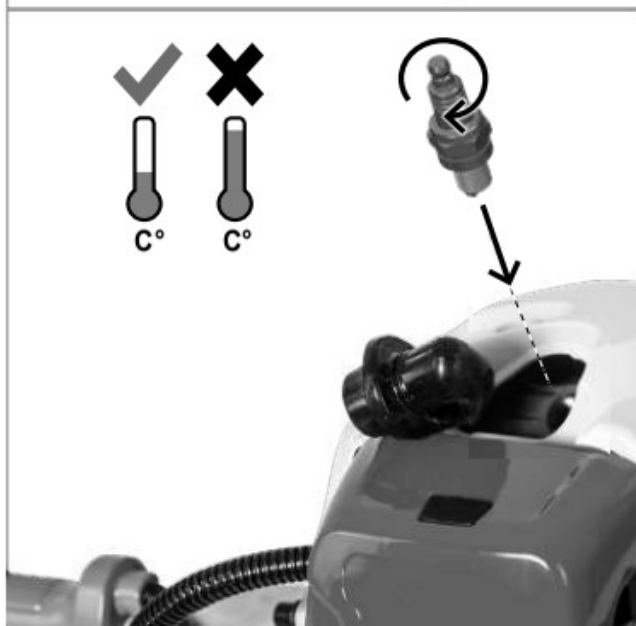
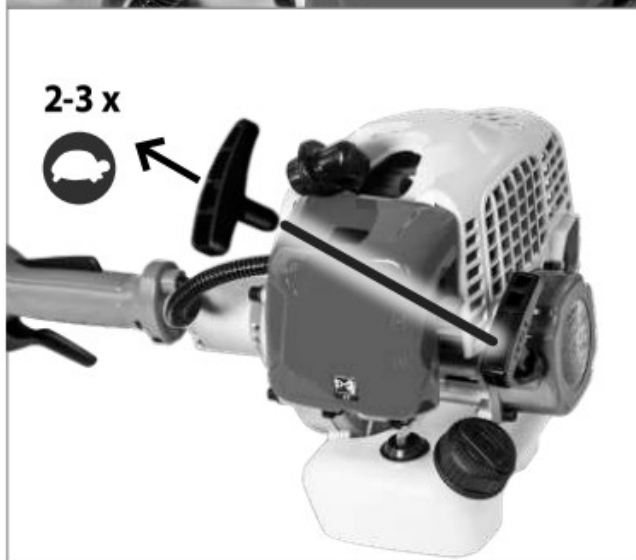
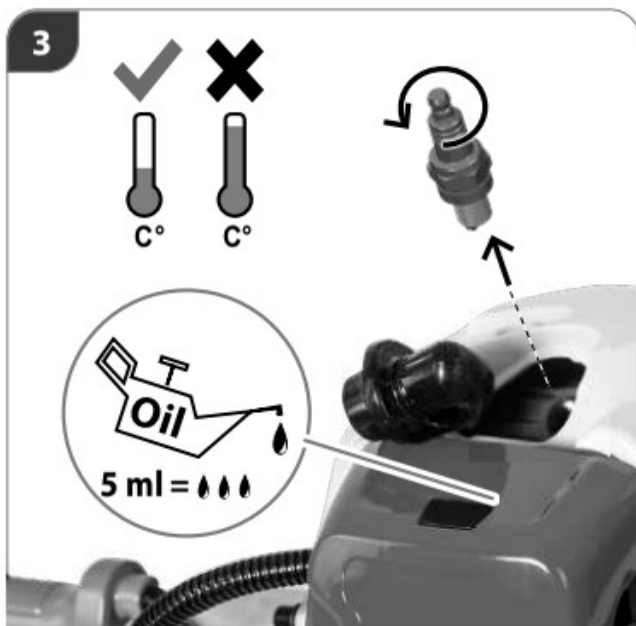
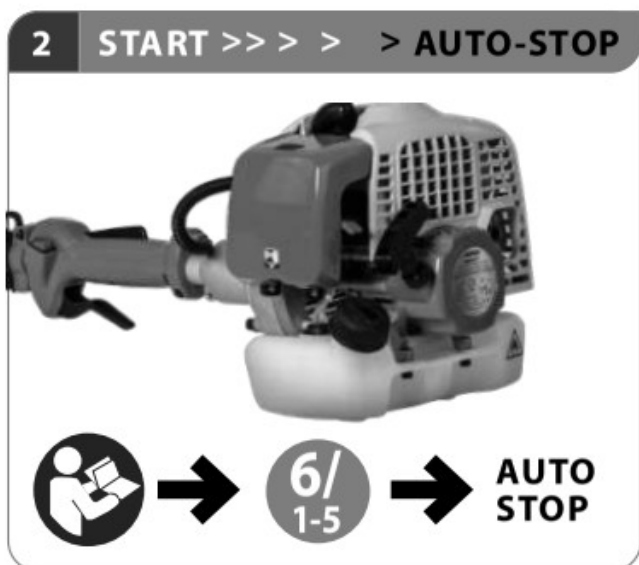
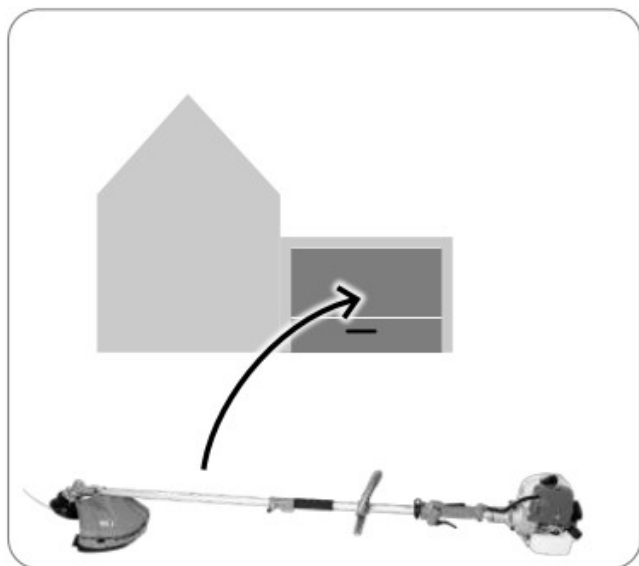
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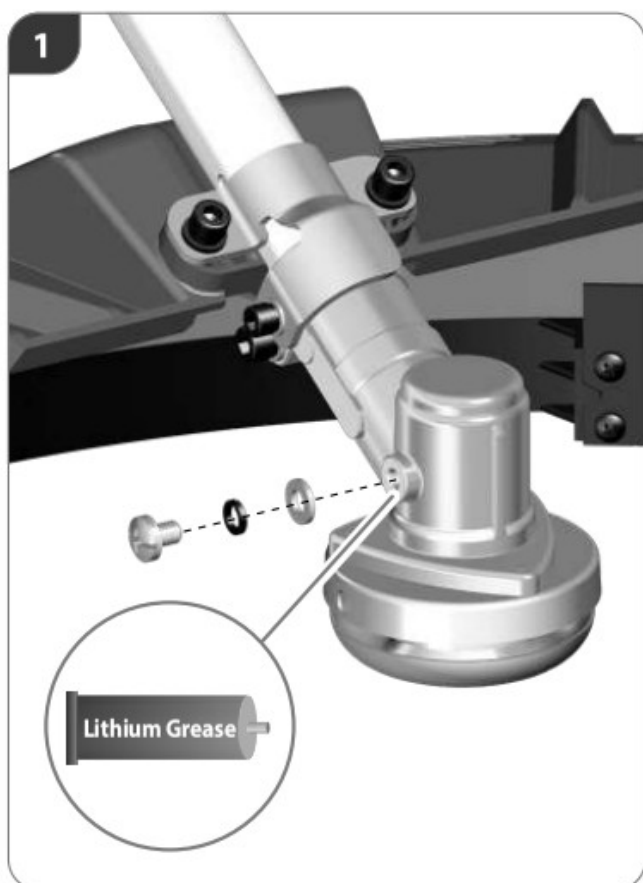
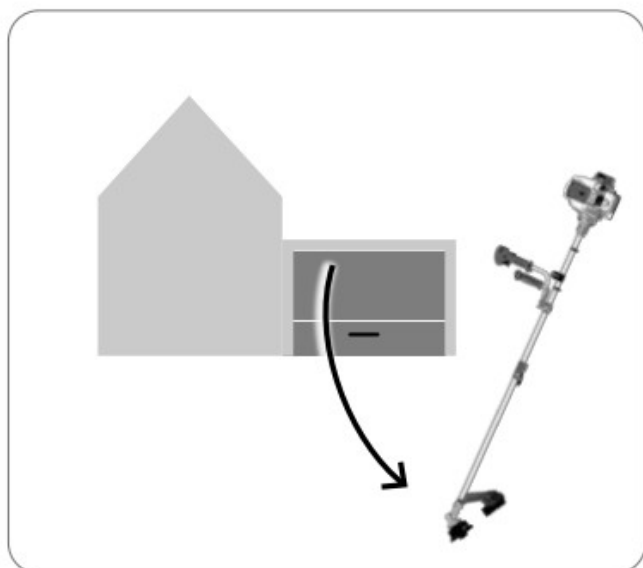








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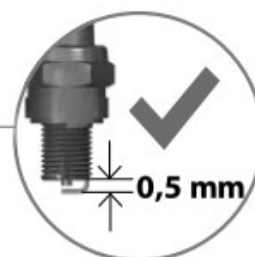
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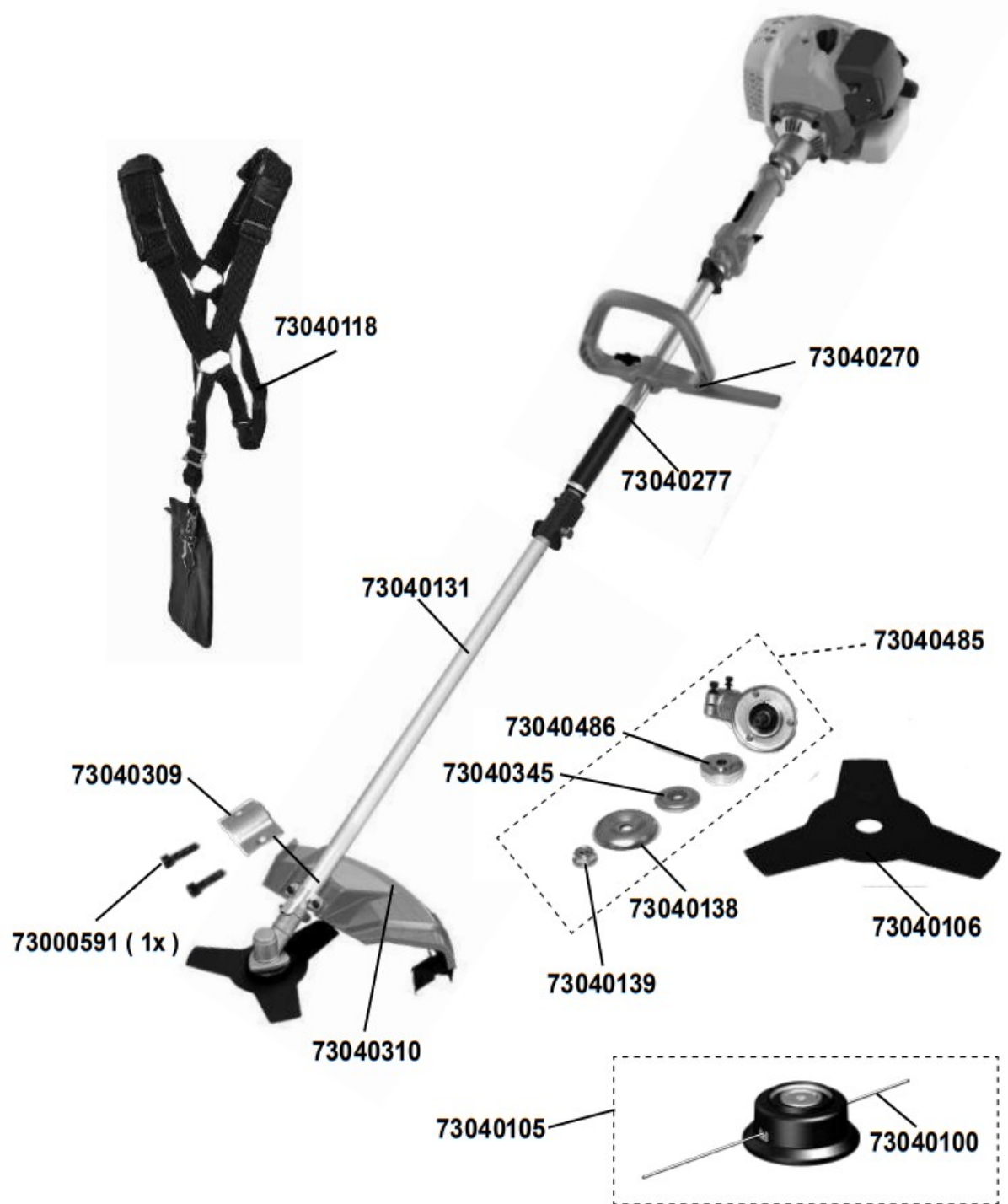
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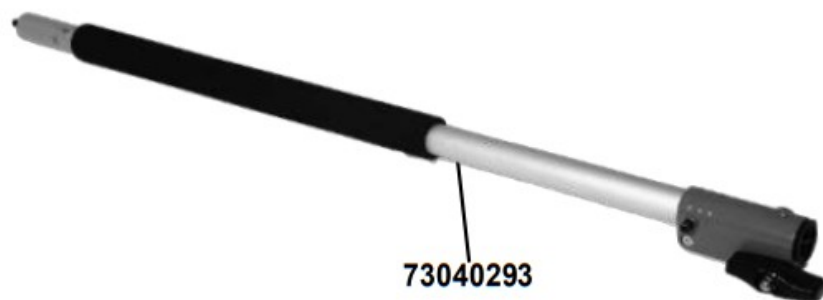
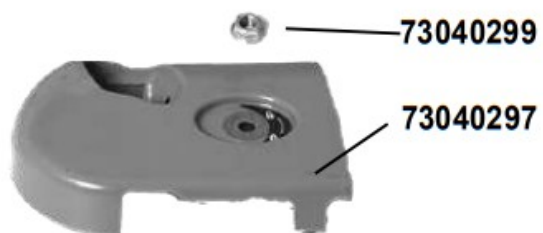
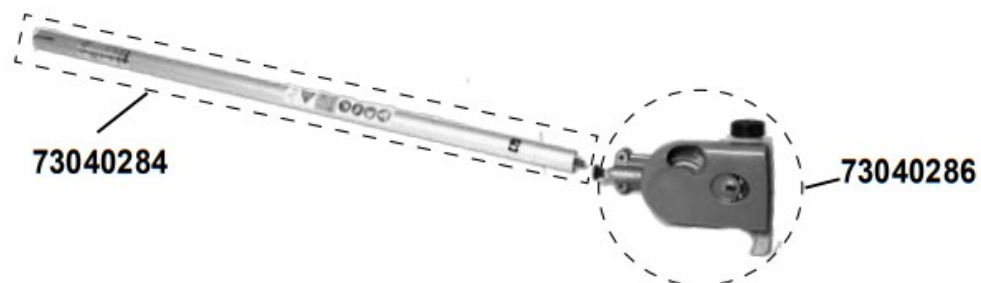
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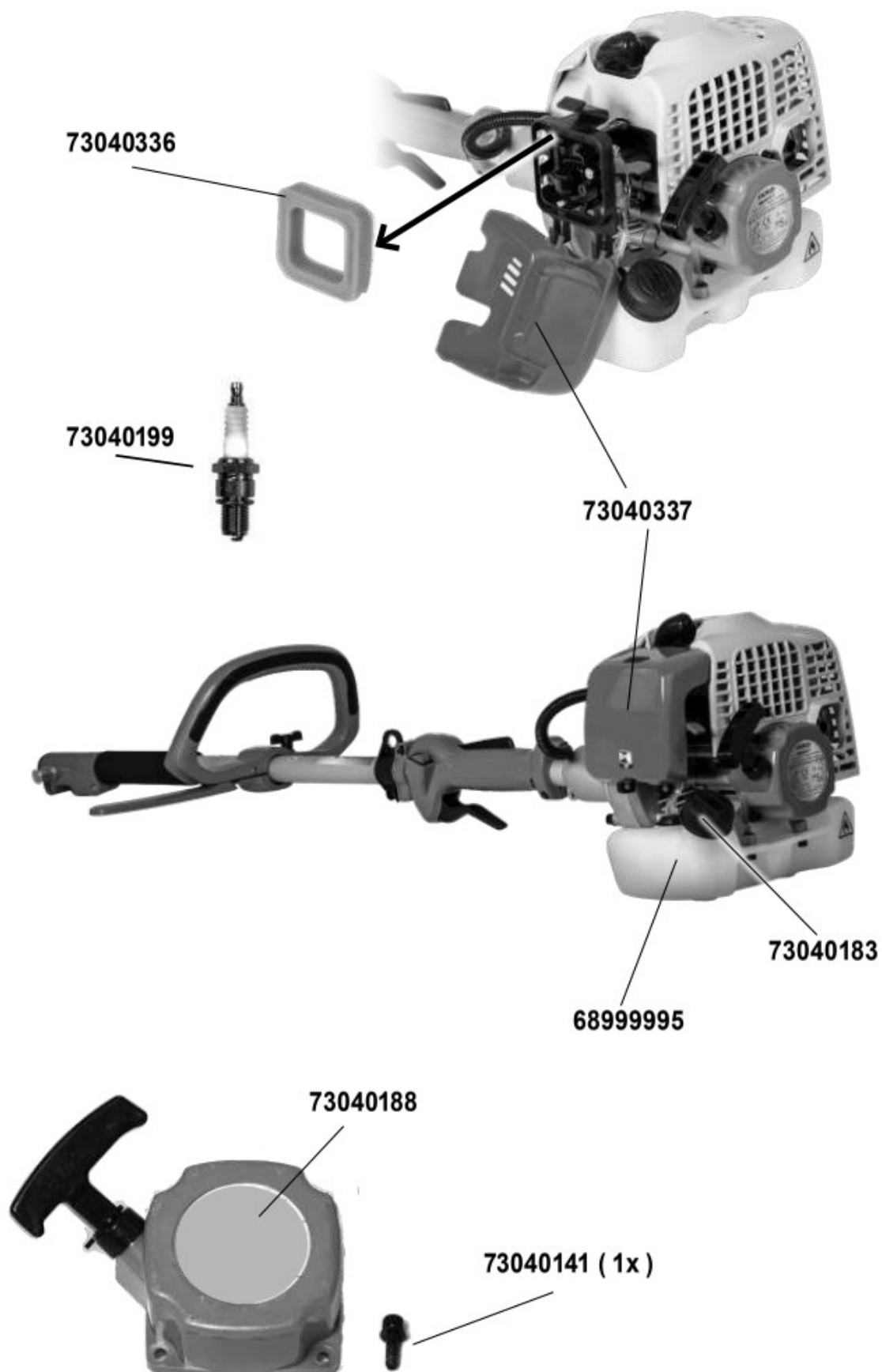


Spare parts and accessories

If you need accessories or spare parts, please contact our Service department.







TECHNICAL DATA

Multi-function garden tool 4 in 1	IBKH 33-1
Engine / Cubic capacity	2-Takt-Motor / 32,6 cm ³

Engine output max.		1 kW/1,3 PS
Engine speed max.		11000 min ⁻¹
No-load speed		3000 ± 300 min ⁻¹
Fuel tank capacity		750 ml
Weight as per standard ISO 11806-1 (without fuel, cutting devices and harness)		6,7 kg
Brushcutter and Trimmer		
Cutting device (Cutting width)	Blade with 3 points/Cutting line head Thread 2 x 2m / 0 2,4 mm	0 255 / 0 450 mm
Max. speed of the cutting tool	Blade with 3 points/Cutting line head Thread 2 x 2m / 0 2,4 mm	8300 / 6800 mini
Sound pressure level L _{th} (ISO 22868:2021) [K=3,0 dB (A)] Brushcutter / Trimmer		96,2 / 97,6 dB (A)
Sound power level L _w (2000/14/EC) [K=3,0 dB (A)] Brush cutter / Trimmer		105,2 / 106,0 dB (A)
Vibration details Vibration emission value a (ISO 22868:2011) [K=1,5 m/s ²]	Blade with 3 points/	5,85 m/s ²
	Cutting line head Thread	5,51 m/s ²
Weight Brush cutter / Trimmer		6,9 / 6,9 kg
Pole hedge trimmer		
Cutting length		400 mm
Cutting blade diameter		24 mm
Sound pressure level L _p (ISO 22868:2021) [K=3,0 dB (A)]		95,1 dB (A)
Sound power level L _w (2000/14/EC) [K=3,0 dB (A)]		109,3 dB (A)
Vibration details Vibration total values (triaxial vector sum) 5,65 m/s ² determined according to EN ISO 22867:2021, Uncertainty K = 1,5 m/s ²		
Weight		7,5 kg
Pole pruning saw		
Maximum Chain speed		9,8 m/s
Chain type		Oregon 91 PJ040X
Bar length		(100SDEA318 Oregon)
Cutting length		254 mm/10"
Oil tank volume		180 ml
Weight		6,7 kg
Sound pressure level L _A (ISO 22868:2021) [K=3,0 dB (A)]		93,4 dB (A)
Sound power level L _w (2000/14/EC) [K=3,0 dB (A)]		107,6 dB (A)
Vibration details Vibration total values (triaxial vector sum) 5,46 m/s ² determined according to EN ISO 22867:2021, Uncertainty K = 1,5 m/s ²		

SYMBOLS

DANGER

Non-observance will result in the risk of serious injury or death to oneself or others.

WARNING










Non-observance will result in the risk of injury to oneself or others.




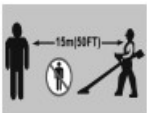


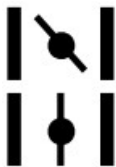





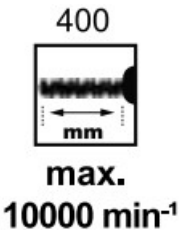
CAUTION





Non-observance will result in the risk of injury to oneself or others.

NOTE

These give details or further information on what has already been said, in the aim to prevent damage to the machine.

	Please read the instructions carefully before starting the machine.
	Wear goggles. Wear ear protectors.
	Wearer a protective helmet.
	Wear protective gloves.
	Wear safety cut through resistant shoes with safety sole and steel toe.
	oil the chain
	Warning against dangerous kickback
	Press primer 7 times
	Keep away from high voltage power lines

	Warning against thrown-off items
	Warning against hot surfaces! Danger of burns!
	Warning about inflammable substances
	Do not let other persons get near due to foreign objects being thrown off. Minimum safe distance is 15 m.
	The maximum speed of the cutting unit. The device must not be operated at a speed higher than this.
	Primer
	Choke
	Risk of injury ! Warning! Do not put hands under the cover of the machine when it is running Caution! Rotating electrical too!
	Engine stop switch positions 0 = stop/Off I = run/On
	Rotation direction
	Slow
	Quickly
	Knife length and revolutions per minute

<p>254</p>  <p>max. 10000 min⁻¹</p>	<p>Bar length and revolutions per minute</p>
	<p>Switch the engine off and remove the socket plug before any work on the engine.</p>
	<p>CE marking</p>
	<p>Guaranteed sound power level 115 dB (A)</p>

SPECIFIED CONDITIONS OF USE

Do not use this product in any other way as stated for normal use. Not observing general regulations in force and instructions from this manual does not make the manufacturer liable for damages.

Please note that permissible uses for the tool could be limited by national regulations. It is necessary to comply with the regulations applicable in the country where the truck is used. Stand firmly to maintain balance during operation, and be sure to use the included carrying strap.

NOTE

Avoid using the engine at full power for the first 6-8 working hours.

CONDITIONS OF USE – BRUSHCUTTER / TRIMMER

Use this trimmer for its provided purpose only, i.e. for the cutting of grass, brushwood and weed.

- the 3-point blade is suitable for cutting brushwood and small shrubs up to 2 cm in diameter;
- the cutting line head can eliminate tall grass and non-woody vegetation near fences, walls, foundations, pavements, around trees, etc. or to completely clean a particular area of the garden;



WARNING

Risk of injury

Due to the physical danger to the user, the petrol brush cutter must not be used for the following work: for cleaning sidewalks and as a shredder for chopping up tree and hedge trimmings. Furthermore, the petrol brushcutter must not be used to level ground elevations, such as molehills. The machine may only be used for its intended purpose. Any other use beyond this is not intended. The user/operator, and not the manufacturer, is liable for any damage or injury caused as a result.

CONDITIONS OF USE – POLE HEDGE TRIMMER

This hedge trimmer is only for cutting shrubs, Bushes, ornamental plants and hedges determined.

The maximum branch thickness to be cut must not exceed 24 mm.

The use of the hedge trimmer is for determining the private garden area.



WARNING

Risk of injury

The hedge trimmer may not be used to cut grass, hard brushes and wood or to crush material for composting purposes.

CONDITIONS OF USE – POLE PRUNING SAW

The chainsaw with telescopic handle is for delimbing work on trees with a maximum branch diameter of 12 cm provided. It is not suitable for extensive sawing work and tree felling as well as for sawing materials other than wood.



WARNING

When using the pruning saw, the safety rules must be followed. For your own safety and that of bystanders, you must read and fully understand these instructions before operating the pruning saw. You should attend a professionally organized safety course in the use, preventative actions, first-aid, and maintenance of pruning saws. Please keep these instructions safe for later use.

Pruning saws are potentially dangerous tools.

Accidents involving the use of pruning saws often result in loss of limbs or death. It is not just the pruning saw that is the hazard. Falling branches, toppling trees, and rolling logs can all kill. Diseased or rotting timber poses additional hazards.

You should assess your capability of completing the task safely. If there is any doubt, leave it to a professional tree surgeon.

Keep the pruner in good operating condition, improper maintenance, the use of non-compliant spare parts, or removal or modification of safety devices can lead to serious damage to property or personal injury.

SAFETY WARNINGS

This device is not suitable for use by persons (including children) with restricted physical, sensory or mental abilities or insufficient experience and knowledge or persons who are not familiar with the instructions. You must never be allowed to use the machine.

Read and understand the operating instructions before using the appliance. Familiarized with the control elements and how to use the appliance properly. Abide by all the safety measures stated in the service manual. Act responsibly toward third parties. The operator is responsible for accidents or risks to third parties. The operating staff must carefully read the Operating Instructions before using the appliance. The appliance may only be operated and maintained by persons familiarized with it and informed about possible risks. Persons over 16 years of age can only work on the appliance. An exception includes youngsters trained in order to reach knowledge under supervision of the trainer during occupational education.

DANGER

WARNING! Electric shock! There is a risk of an injury caused by electric shock!

Keep the device at least 10 m away from overhead power lines.

Your power tool is not insulated against electric shock. To reduce the risk of electrocution, never operate this power tool in the vicinity of any wires or cables (power, etc.) which may be carrying electric current.

Electricity can jump from one point to another by means of arcing. Higher voltage increases the distance electricity can arc. Electricity can also move through branches, especially if they are wet. Maintain a clearance of at least 50 feet (15 m) between the pruning saw (including any branches it is contacting) and any electrical line carrying live current. Before working with less clearance, contact your electric utility and make sure the current is turned off.

Keep children and other persons including animals in a safe distance when using the appliance. Minimum safe distance is 15 m.

Provide adequate lighting or good lighting conditions when working with the machine. Poor lighting/light conditions represent a high safety risk.

WARNING

Wear personal protective equipment.

- Always wear goggles when using the machine.
- Wear ear protectors!
- Wear solid shoes and long trousers.
- Do not wear loose clothing or jewels. Hair, clothing and gloves must be out of reach of moving parts as they could get caught by the rotating parts. Do not use the appliance when barefooted or in open sandals.
- Use protective gloves when handling the blades.

Do not use the appliance if you are tired, ill, under influence of drugs, alcohol drinks or medicaments.

Do not overreach. Keep proper footing and balance at all times.

Despite the observance of the operating instructions there still may be some hidden residual risks.

CAUTION

Be careful when going backwards – risk of tripping!

Provide adequate lighting or good lighting conditions when working with the machine. Poor lighting/light conditions represent a high safety risk.

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

Do not use the appliance in bad weather, especially when there is a risk of storm. Walk! Never run!

WARNING

Risk of injury

- Before mowing, check the area to be mowed for any undesirable objects.
- Wear safety goggles when working.
Stop the device.
- whenever you leave the lawnmower.
- To release a blocked blade.
- before checking, cleaning or working on the device
- after contact with a foreign object, to check the device for damage

If the appliance starts abnormally vibrating, switch the engine off and search for the cause immediately.

Generally, vibrations are a warning against operating failure.

The ON/OFF switch must not be locked.

Before work, check the area for any hidden items such as wire fences.

When working with this machine, do not use spare parts other than those recommended by us. Using spare parts not recommended by us can result in serious injuries to persons or damage to the machine.

The protective equipment on the appliance is strictly prohibited to be disassembled, changed, used in conflict with the designation and it is prohibited to attach any protective equipment of other manufacturers.

When being blocked, turn the appliance immediately off and remove the jammed item.

Do not run! Immediately remove cut branches/knots from the work area to prevent injuries. Watch out for falling branches!

Despite the observance of the operating instructions there still may be some hidden residual risks.

CAUTION

Risk of injury

- All protection covers and safety devices must be correctly attached to operate the device.
- Keep all parts of the body away from the cutter blade. Do not remove cut material or hold material to be cut when blades are moving. Make sure the switch is off when clearing jammed material.
- Avoid any inadvertent starting of the engine. Make sure, that the control lever is always in Start' position when you pull the starter rope.
- Switch the engine off and remove the socket plug before any work on the engine. Wait until all rotating parts have stopped and the appliance has cooled down.
- Check all screw and plug-in connections and protective equipment if firm and tightened properly and whether all moving parts are running smooth whenever the appliance is to be put into operation.
- The protective equipment on the appliance is strictly prohibited to be disassembled, changed, used in conflict with the designation and it is prohibited to attach any protective equipment of other manufacturers.
- The appliance must not be used if damaged or safety equipment is defective. Replace any worn-out and damaged parts.

CAUTION

Damage to health arising from vibrations to hand and arms if the device is used for a long time or if the device is not guided and evaluated properly.

Vibration damping systems are no guaranteed protection against white finger disease or carpal tunnel syndrome. Therefore, it is necessary to carefully check the state of your fingers and wrist if you have regularly used the appliance for a long time. If any symptom of the diseases above appears, seek medical advice immediately. To reduce the white finger disease risk, keep your hands warm and take regular breaks during your work.

CAUTION

Hearing damage

A longer stay in the immediate vicinity of the running unit may cause hearing damage. Wear ear protectors! When working with the device, a certain level of noise cannot be avoided. Noisy work should be scheduled for hours, during which it is allowed by statute or other local regulations. Adhere to any applicable rest times and limit your working time to the necessary minimum time. For your personal protection and the protection of people nearby, suitable hearing protection must be worn.

Noise emission information in accordance with the German Product Safety Act (Prods) and the EC Machine Directive: the noise pressure level at the place of work can exceed 80 dB(A). In such cases the operator will require noise protection (e.g. wearing of ear protectors).

Please observe the following: according to the German Machine Noise Protection Regulation from September 2002, this device may not be operated on Sundays and Bank holidays or working days from 8pm to 7am.

Furthermore, it is forbidden to operate the machine at the following times of day: from 7 a.m. to 9 a.m., from 1 p.m. to 3 p.m. and from 5 p.m. to 8 p.m.

Please do also consider any local regulations concerning noise protection!

WARNING

Never attempt to operate your power tool with one hand.

Loss of control of the power tool resulting in serious or fatal injury may result. To reduce the risk of cut injuries, keep hands and feet away from the cutting tool. Never touch a moving cutting tool with your hand or any other part of your body.

WARNING

Risk of injury

Rotating blades may lead to serious injuries by cutting or amputating parts of the body.

- Be careful to avoid injury by the cutting tools. Careful appliance handling reduces the risk of injury by knife.

- Always have your arms and legs in safe distance from the cutting mechanism, in particular after turning the engine on.

Never touch under the housing body when the engine is running. Wear protective shoes.

- Never use the lawn trimmer without the protective cover.
- After the appliance is turned off, the cutting head keep rotating for a couple of seconds. Keep your arms and legs in safe distance.
- Carry the lawn trimmer with the handle, with the blade being off (idle).

Thrown-off stones or soil may lead to injuries.

- Before mowing, check the area to be mowed for any undesirable objects.
- Wear safety goggles when working.

When working, the machine must always be firmly held in both hands, keeping the power unit on the right of the body and the cutting group below the line of the belt.

- Adjust the handle to your body height before starting the device and make sure that the cutting head is not in touch with any objects.
- Be careful when going backwards – risk of tripping!

DANGER

Kickback can lead to casualties.

Carefully check the terrain where the appliance is going to be used and remove all objects that could get caught or thrown off by the appliance such as stones, branches, wires, animals, etc.

Do not use metal cutting tools near fences, metal posts, boundary stones, or foundations.

Stop the engine immediately if the blade stops during sawing. Always beware of a kickback, which could occur if a blade encounters a solid object (logs, roots, branches, stones, etc.. Do not touch the ground with the blade.

Kickbacks cause blade recoils that are difficult to control, so as to cause loss of control of the machine, compromise operator safety and cause damage to the machine itself.

If you touch an object or get caught (with the device) switch off the engine immediately and check the device for possible damage. Repair possibly existing damages before you try to continue your work. Do not operate the trimmer if it has loose or damaged parts.

SAFETY INSTRUCTIONS FOR PETROL POWERED EQUIPMENT

DANGER

Risk of fire! / Risk of explosion

Fuel is highly flammable.



- Petrol and petrol vapours are highly flammable, explosive.



- Do not work with the unit in an environment with a risk of explosion where there are flammable liquids, gases or dust.



- Never operate the unit near highly flammable materials.



- Prohibited smoking and open fire using.
- Keep the fuel in suitable containers only. Do not store any fuel near the unit.

The appliance may only be refueled outdoors and not near open fire or burning cigarettes.

Emergency procedure After use, let the unit cool down for at least 5 minutes before refueling.

In the tank pressure may develop. Loosen the tank cap slowly to allow this pressure to gradually decrease.

Make sure the fuel does not overflow. If the fuel overflows, the engine must not be started. Remove any dirt from the appliance and prevent any attempt at ignition until fuel fumes have evaporated.

Replace all fuel tank and container caps securely.

Start the device at least three meters away from the place where you fueled it. Do not smoke during fueling or operation and take care that no sparks or open flames reach into the working area.

Fuel tank to be emptied outdoors only. To keep the danger of fire as low as possible the engine and exhaust pipe must be free from grass, leaves and excess grease.

Replace the exhaust pipe and (if necessary) the spark protector if these are not in proper working order any more. To reduce fire risks, periodically clean the cylinder flaps with compressed air and clear the silencer area to get rid of sawdust, branches, leaves or other debris.

Regularly remove any remainders of grass and weed to avoid an overheating of the shaft tube. Remainders of grass and weeds get caught under the protection cover avoiding a sufficient cooling of the shaft tube.

Remove the remainders carefully with a screwdriver or a similar tool.

Fuel mixture

Caution! Correct mix ratio must be provided in respect of fuel.

Caution! Do not use old fuel mix as it gets segregated over time and engine lubrication will no longer be guaranteed. Do not keep the mix in the tank for a long time – weeks or months as there is a risk of segregation. High-quality 2-stroke oil to be used only to prevent damage to the combustion engine.

WARNING

Danger of burns!

Some parts of the appliance get too hot when the appliance is operated. Contacting hot parts of the unit may cause burns.

- Let the unit cool down after its operation is over.
- Do not touch the exhaust pipe or cylinder. These parts get extremely hot during operation and stay hot for some time after the device has been switched off.

DANGER



Risk of poisoning!

As soon as the engine is running, this product generates toxic exhaust fumes containing chemicals, such as unburned hydrocarbons (including benzene) and carbon monoxide, that are known to cause respiratory problems, cancer, birth defects, or other reproductive harm. Some of the gases (e.g. carbon monoxide) may be colorless and odorless. To reduce the risk of serious or fatal injury/ illness from inhaling toxic fumes, never run the machine indoors or in poorly ventilated locations. If exhaust fumes become concentrated due to insufficient ventilation, clear obstructions from work area to permit proper ventilation before proceeding and/or take frequent breaks to allow fumes to dissipate before they become concentrated. Inhalation of certain dust, especially organic dusts can cause susceptible persons to have an allergic reaction. Substantial or repeated inhalation of dust and other airborne contaminants, in particular those with a smaller particle size, may cause respiratory or other illnesses. Control dust at the source where possible.



WARNING

Risk of fire! / Risk of explosion Fuel is highly flammable.

- Petrol and petrol vapours are highly flammable, explosive.
- Do not work with the unit in an environment with a risk of explosion where there are flammable liquids, gases or dust.

- Never operate the unit near highly flammable materials.
- Prohibited smoking and open fire using.
- Keep the fuel in suitable containers only. Do not store any fuel near the unit.

WARNING

Accelerating the engine at a time when which the cutters are blocked increases the load on the engine and leads to permanent slipping of the clutch.

This can lead to overheating and major damage Guide components (e.g. coupling, polymer bushing etc.) – which then increases the risk of injury from the moving cutting devices increases when the engine is running at idle speed runs.

NOTE

Check that when the machine is running idle, there is no movement of the cutting device and, after pressing the throttle trigger, the engine quickly returns to minimum speed.

SAFETY INSTRUCTIONS – BRUSH CUTTER / GRASS TRIMMER

Use only original cutting devices or ones homologated by the Manufacturer.

- Only use the trimmer with the right trimming cord installed and with both trimming cords being at the right length.
- Do not use metal wire or plastic- sheathed metal wire of any kind in the cutting head. This may lead to serious injuries of the operator.

All protection covers and safety devices must be correctly attached to operate the device.

- The cutting diameter must not exceed the length of the protection cover stated in this manual.

Operational Precautions

- Make sure the open side of the protection guard is pointing away from yourself before you switch on the trimmer.
- Wear goggles or properly fitted safety glasses, sturdy closed shoes with non-slip soles, gloves, snug-fitting work clothes and ear protectors (ear plugs or ear muffs).
- Always hold your trimmer firmly – make sure you always maintain a good balance and secure footing.
- Use particular caution while working in dense growth areas where your view of the ground is obscured.
- Never leave your trimmer outdoors in rain.
- Do not cut wet grass or other growth. Never use in rain.
- Take special care in slippery conditions – on slopes and uneven ground.
- Work in a line across the slope and take special care when turning around.
- Watch for hidden obstacles such as tree stumps and roots to avoid stumbling.
- Avoid to use the trimmer in poor weather conditions, especially if there is a risk of a thunderstorm.
- Your electric trimmer is a high-speed, fast-cutting power tool. The electrical connection and cutting tool are potential sources of danger. Therefore, special safety precautions must be observed to reduce the risk of personal injury.
- Have your dealer or a specialist show you how to operate your trimmer.

- Children should be supervised to ensure that they do not play with the appliance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Be sure that anyone using your trimmer understands the information contained in these operating instructions. Children and youths under the age of 16 may not use the device.
- The user is responsible for safety for all persons in the working area of the device.
- You must be fit to operate an electric trimmer – rested, healthy and in good physical condition. If you get tired while operating your trimmer, take a break.

Never work with an electric trimmer while under the influence of alcohol or drugs.

- The high-speed cutting head may catch and fling stones and other foreign objects a great distance. To reduce the risk of injury, ensure that bystanders / children and animals are at least 15 m (50 ft) away from your own position.

POLE HEDGE TRIMMER

Keep all parts of the body in safe distance from the knife. Do not try to remove the material being cut or hold material to be cut when the knife is running.

Jammed cuttings to be removed only when the machine is off and the battery taken out. A moment of inattention when using the hedge trimmer may result in serious injuries.

Carry the hedge trimmer by the handle when the knife is off. Fit the protective cover whenever the hedge trimmer is to be transported or stored. Careful treatment with the appliance reduces the risk of injury by the blade. Hold the power tools by the insulated handles as the cutting knife may come into contact with hidden cables/lines. Contact of the cutting knife with a live conductor may bring the metal parts of the appliance under voltage and cause electric shock.

WARNING

The power tool has a large range. In order to reduce the risk of personal or even fatal injury to bystanders from falling objects or inadvertent contact with the moving cutter blades of your power tool always keep bystanders at least 50 feet (15 m) away when the power tool is running.

Before you start work, examine the work area for stones, fence wire, metal or other solid objects which could damage the cutter blades. Take particular care when cutting next to wire fences. Do not touch the wire with the cutting blades. When working close to the ground, make sure that no sand, grit or stones get between the cutter blades.



WARNING

To reduce the risk of injury from blade contact, be absolutely sure that the cutting tool is clear of you and all other obstructions and objects, including the ground.

Once the engine has started, immediately blip the throttle trigger, which should release the starting throttle and allow the engine to slow down to idle.



WARNING

The cutter blades continue to move for a short period after the throttle trigger is released (flywheel effect).

Residual dangers

Residual risks always remain even if the hedge trimmer is used properly. The hedge trimmer's design can entail the following hazards:

- Contact can be made with the unprotected blade (resulting in cutting injuries)

- Reaching into or grabbing the hedge trimmer while it is in operation (resulting in cutting injuries)
- Unanticipated, sudden movement of the plant material being cut (resulting in cutting injuries)
- Ejection or catapulting of damaged cutting teeth
- Ejection or catapulting of the plant material being cut
- Hearing damage if the specified hearing protection is not worn
- Inhalation of cut materials

POLE PRUNING SAW

- Keep all parts of the body away from the saw chain when the pruning saw is operating. Before you start the pruning saw, make sure the saw chain is not contacting anything. A moment of inattention while operating pruning saws may cause entanglement of your clothing or body with the saw chain.
- Always hold the pruning saw with your right hand on the rear handle and your left hand on the front handle. Holding the pruning saw with a reversed hand configuration increases the risk of personal injury and should never be done.
- Wear eye protection. Further protective equipment for hearing, head, hands, legs and feet is recommended. Adequate protective equipment will reduce personal injury from flying debris or accidental contact with the saw chain.
- Do not work on trees with the chainsaw. There is a risk of injury when working on a tree.
- Always keep proper footing as well as protective gear for the head, hands, legs and feet and operate the pruning saw only when standing on fixed, secure and level surface. Slippery or unstable surfaces may cause a loss of balance or control of the pruning saw. • When cutting a limb that is under tension, be alert for spring back. When the tension in the wood fibers is released the spring loaded limb may strike the operator and /or throw the pruning saw out of control.
- Use extreme caution when cutting brush and saplings. The slender material may catch the saw chain and be whipped toward you or pull you off balance.
- Carry the pruning saw by the front handle with the pruning saw switched off and away from your body. When transporting or storing the pruning saw, always fit the guide bar cover. Proper handling of the pruning saw will reduce the likelihood of accidental contact with the moving saw chain.
- Follow instructions for lubricating, chain tensioning and changing the bar and chain. Improperly tensioned or lubricated chain may either break or increase the chance for kickback.
- Keep handles dry, clean, and free from oil and grease. Greasy, oily handles are slippery causing loss of control.
- Cut wood only. Do not use pruning saw for purposes not intended. For example: do not use pruning saw for cutting metal, plastic, masonry or non-wood building materials. Use of the pruning saw for operations different than intended could result in a hazardous situation.
- The machine is not protected against electric shock when coming into contact with high-voltage lines. Maintain a minimum clearance of 10 m from current-carrying lines. Life-threatening danger from electric shock!

Causes and operator prevention of kickback:

Kickback may occur when the nose or tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut.

Tip contact in some cases may cause a sudden reverse reaction, kicking the guide bar up and back towards the operator.

Pinching the saw chain along the top of the guide bar may push the guide bar rapidly back towards the operator..

Either of these reactions may cause you to lose control of the saw which could result in serious personal injury. Kickback is the result of tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below:

- Maintain a firm grip, with thumbs and fingers encircling the pruning saw handles, with both hands on the saw and position your body and arm to allow you to resist kickback forces. Kickback forces can be controlled by the operator, if proper precautions are taken.
- Do not overreach. This helps prevent unintended tip contact and enables better control of the pruning saw in unexpected situations.
- Only use replacement bars and chains specified by the manufacturer. Incorrect replacement guide bars and chains may cause chain breakage and/or kickback.
- Follow the manufacturer's sharpening and maintenance instructions for the saw chain.

Decreasing the depth gauge height can lead to increased kickback.

Additional Safety and Working Instructions

Ensure all guards, handles, and spiked bumper are properly fitted and are in good condition. Persons using the pruning saw should be in good health. The pruning saw is heavy, so the operator must be physically fit. The operator should be alert, have a good vision, mobility, balance, and manual dexterity. If there is any doubt, do not operate the pruning saw. Do not start using the pruning saw until you have a clear work area, secure footing, and a planned retreat path away from a falling tree. Beware of the emission of lubricant mist and saw dust. Wear a mask or respirator, if required. Do not cut vines and/or small undergrowth (less than 75 mm in diameter). Before starting the pruning saw, make sure the saw chain is not contacting any object. Watch out for falling branches and stumble. Not. Branches hitting the ground can snap up and cause injury. Do not modify the pruning saw in any way or use it to power any attachments or devices not recommended by the manufacturer for your pruning saw. There should be a first-aid kit containing large wound dressings and a means to summon attention (e.g., whistle) close to the operator. A larger more comprehensive kit should be reasonably nearby. An incorrectly tensioned chain can jump off the guide bar and could result in serious injury or fatality. The length of the chain depends on the temperature. Check the tension frequently. You should get used to your new pruning saw by making simple cuts on securely supported wood. Do this whenever you have not operated the saw for some time. To reduce the risk of injury associated with contacting moving parts, always stop the motor, apply the chain brake, make sure all moving parts have come to a stop before:

- cleaning or clearing a blockage
- leaving the machine unattended
- installing or removing attachments
- checking, conducting maintenance or working on the machine

The size of the work area depends on the job being performed as well as the size of the tree or work piece involved. For example, felling a tree requires a larger work area than making other cuts, i.e., bucking cuts, etc. The operator needs to be aware and in control of everything happening in the work area.

Do not use a back-and-forward sawing motion, let the chain do the work. Keep the chain sharp and do not try to push the chain through the cut.

Do not put pressure on the saw at the end of the cut. Be ready to take on the weight of the saw as it cuts free from the wood. Failure to do so could result in possible serious personal injury.

Do not stop the saw in the middle of a cutting operation.

Keep the saw running until it is already removed from the cut. Do not fix the on/off switch in the „on“ position when using the saw hand-held.

Remove the battery pack before starting any work on the appliance.

Never break open battery packs and chargers and store only in dry rooms. Keep dry at all times.

Prior to commissioning, check the following points on the pole-mounted pruner:

- Correct position of shoulder strap and inspection of the quick release mechanism

- Damage to the device like cracks on the guide rail
- Correct guide rail seating
- Installation/running direction of the problem-free (sharp) saw chain
- Saw chain tension (in case of a new chain, check and readjust this multiple times)
- Functioning chain lubrication Check the automatic chain lubrication

Regularly check the function of the automatic chain lubrication to prevent overheating and associated damage to the blade and saw chain. To do this, point the tip of the sword against a smooth surface (board, section of a tree) and let the chainsaw run. If an increasing amount of oil becomes visible during this procedure, the automatic chain lubrication is working properly.

WARNING! Danger of injury! If the shoulder strap is not detached promptly in an emergency, serious injuries can result.

WARNING

Keep your working position in mind to ensure safe working. Do not use the pole-mounted pruner from a ladder or other unsafe position. Ensure that you have firm footing and use appropriate protective clothing. Do not be tempted to make ill-considered cuts. This can endanger yourself and others.

WARNING

Cutting spring poles

A spring pole is any log, branch, rooted stump, or sapling which is bent under tension by other wood so that it springs back if the wood holding it is cut or removed. On a fallen tree, a rooted stump has a high potential of springing back to the upright position during the bucking cut to separate the log from the stump. Watch out for spring poles—they are dangerous.

WARNING

Springpoles are dangerous and could strike the operator, causing the operator to lose control of the pruning saw.

This could result in severe or fatal injury to the operator.

This should be done by trained users.

Some regions have regulations that restrict the use of the machine. Check with your local authority for advice.

WARNING

If the machine is dropped, suffers heavy impact or begins to vibrate abnormally, immediately stop the machine and inspect for damage or identify the cause of the vibration. Any damage should be properly repaired or replaced by an service station.

Residual Risk

Even when the product is used as prescribed, it is still impossible to completely eliminate certain residual risk factors. The following hazards may arise in use and the operator should pay special attention to avoid the following:

- Injury caused by vibration
Always use the right tool for the job. Use designated handles. Restrict working time and exposure.
- Damage to hearing due to exposure to noise Wear hearing protection and limit exposure.
- Injury caused by contact with exposed saw teeth of the chain
- Injury caused by thrown-out pieces of the workpiece (wood chips, splinters)
- Injury caused by dust and particles
- Injury to the skin caused by contact with lubricants
- Parts ejected from the saw chain (cutting/injection hazards)
- Unforeseen, abrupt movement, or kickback of the guide bar (cutting hazards)“

Risk Reduction

- It has been reported that vibrations from handheld tools may contribute to a condition called Raynaud's Syndrome in certain individuals. Symptoms may include de tingling, numbness, and blanching of the fingers, usually apparent upon exposure to cold. Hereditary factors, exposure to cold and dampness, diet, smoking and work practices are all thought to contribute to the development of these symptoms. There are measures that can be taken by the operator to possibly reduce the effects of vibration:
- Keep your body warm in cold weather. When operating the unit wear gloves to keep the hands and wrists warm.
- After each period of operation, exercise to increase blood circulation.
- Take frequent work breaks. Limit the amount of exposure per day.
- Protective gloves available from professional pruning saw retailers are designed specifically for pruning saw use which give protection, good grip and also reduce the effect of handle vibration. These gloves should comply with EN 381-7 and must be CE marked.

If you experience any of the symptoms of this condition, immediately discontinue use and see your doctor.
immediately discontinue use and see your doctor.

TRANSPORT

When transporting the tool by car, it must be positioned so that it poses no danger, and secured.
Make sure that no petrol escapes during transport. Avoid damage and injuries.
During transport and storage of the tool, the blade guard (chain guard) must be attached.

STORAGE

Lock the device in a proper place to protect it from unauthorised use.
After every work stint, clean the machine thoroughly to remove all dust and debris, and repair or replace any faulty parts.
The appliance must be stored in a dry place and protected from frost.
During transport and storage of the tool, the blade guard (chain guard) must be attached.
Let the engine cool down, before you store the device in a closed room.

DANGER

Never keep the unit with petrol in the tank inside a building where petrol vapours could get in contact with open fire or sparks.

MAINTENANCE

Only a regularly maintained and treated appliance can serve as a satisfactory aid. Insufficient maintenance and care can lead to unforeseen accidents and injuries.
Repairs and works specified in these Instructions may only be performed by qualified authorised staff.



DANGER

Switch the engine off and remove the socket plug before any work on the engine. Wait until all rotating parts have stopped and the appliance has cooled down.
Keep the blade protection device on, except when intervening directly on the blade.
Keep hands away from all cutting edges and moving parts.
Fingers can be pulled into cutting carriage and be cut or crushed.
For safety reasons, only have the cutting blade sharpened, balanced and mounted by a specialist workshop.
Keep the device, in particular the air vents, clean at all times. Never spray water on the device body! Never clean

the machine and its components with solvents, flammable or toxic liquids. Use only a damp cloth making. After every work stint, clean the machine thoroughly to remove all dust and debris, and repair or replace any faulty parts.

Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition;

The starter rope must be replaced as soon as it shows signs of wear.

The carburettor has an optimised setting 'ex works'. If any further adjustments should be required contact your competent customer service.

Use only original accessories and original spare parts. Using other spare parts can result in accidents/injuries of the user.

The manufacturer will not be liable for any such damage. Please contact our service department if you need accessories or spare parts.

Maintenance Chart ENGINE

Please note that the following maintenance intervals apply for normal operating conditions. If your daily working time is longer than normal or working conditions are difficult (very dusty work area, etc.), shorten the specified intervals accordingly.		before starting work	after finishing work or daily	after each refueling stop	if necessary
Complete machine	Visual inspection (condition, fuel and other leaks)	x		x	
	Clean		x		
Control handle	Check operation	x		x	
Air filter Clean	Clean				x
	Replace by a servicing dealer				x
Fuel tank	Clean				x
Carburetor	Check idle adjustment — working tool must not move	x		x	
	Readjust idle				x
Spark plug	Readjust electrode gap				x
	Replace after about 100 operating hours				
Cooling inlets	Inspect		x		
	Clean				x
Spark arrestor* in muffler	Check		x		
	Have cleaned or replaced 1)				x
Accessible screws and nuts (not adjusting screws)	Retighten				x
Safety labels	Replace				x

POLE Pruning saw

Please note that the following maintenance intervals apply for normal operating conditions only. If your daily working time is longer than normal or cutting conditions are difficult (very dusty work area, resin-rich wood, tropical wood etc.), shorten the specified intervals accordingly.		before starting work	after finishing work or daily	after each refueling stop	if necessary
Chain lubrication	Check	x			
Saw chain	Check, also check sharpness	x		x	
	Check chain tension	x		x	
	Sharpen				x
Guide bar	Check (wear, damage)	x			
	Clean and turn over				x
	Deburr				x
	Replace				x
Chain sprocket	Check				x
	Replace				x
Safety labels	Replace				x

POLE HEDGE TRIMMER

Please note that the following maintenance intervals apply for normal operating conditions. If your daily working time is longer than normal or working conditions are difficult (very dusty work area, etc.), shorten the specified intervals accordingly.		before starting work	after finishing work or daily	after each refueling stop	yearly	win-dow 1!	if damaged	as required
Cutting blades	visual inspection		x				x	
	Sharpen							x
Gearbox lubrication	Check		x					
	Top up							x

FAILURE REMOVAL

Failures	Causes	Removal
Engine does not start or starts, but does not run further.	Wrong starting process.	Refer to the instructions in these operating instructions.
	Empty fuel tank/Lack of fuel	Add some fuel
	Wrong fuel, storing without petrol tank being drained	Drain the fuel tank and carburetor. Add fresh petrol.
	Wrong setting of the carburettor.	Have the carburettor settings adjusted by an authorised customer service organisation.
	Scooted spark plug (carbon residues on Elec- trades), electrodes distance too big	Clean the spark plug, check the plug thermal value, possibly change the plug.
	The spark plug is wet from petrol (overstated- rated engine).	Dry the spark plug out and refit it.
	Dirty air filter	Clean or replace the air filter
Engine starts, but does not run at full power.	Dirty air filter	Clean or replace the air filter
	Wrong setting of the carburettor.	Have the carburettor settings adjusted by an authorised customer service organisation.
Engine splutters.	Dirty air filter	Clean or replace the air filter
The motor does not develop maximum power		
Engine does not run smoothly.	Wrong setting of the carburettor.	Have the carburettor settings adjusted by an authorised customer service organization.
Excessive exhaust gases (smoke).		

DISPOSAL

If your device should become useless somewhere in the future or you do not need it any longer, do not dispose of the device together with your domestic refuse, but dispose of it in an environmentally friendly manner. Thoroughly empty the oil/lubricant and fuel tanks and dispose of the remainders at a special collecting point or dump. Please dispose of the device itself at an according collecting/ recycling point. By doing so, plastic and metal parts can be separated and recycled. Information concerning the disposal of materials and devices are available from your local administration.

Never dispose of oils, fuel or other polluting materials in unauthorised places.

Make sure the oil products do not enter the soil.

Oil products must not come into contact with skin, eyes and clothing.

SERVICE

Actually Service-Andresen find Sie imprinter:

Latest service addresses can be found under:


Vaus troves no's addresses SAV sous:

Las directions actuals para assistance technical las encuentran simpler con:

www.ikra.de

DE I Okra Mogote – Service c/o Mogote GmbH Max-Wenzel-Str. 31 09427 Ehrenfriedersdorf 03725 449-335 service.ikra@mogatec.com	FR I okra Service France 20 Rue Hermes ZI de la Vine, Basement 5 31190 Dauterive +801 840 884 service.FR@mogatec.com
IT I Ikra Service Italia, by BRUMAR Loc. Vallera 110/B 14100 ASTI (AT) +800 768 412 service.IT@mogatec.com	ES I Yaris Daub SLU C/ Puig palter nº 48, Polygon Industrial UP4 17820 Bandolas (Girona) +900 983 432 service.ES@mogatec.com Horacio: de 09:00 a 13:00 y 15:00 a 17:00
NL I Muldertechnik Noorderkijl 1 9571 AR 2 e Exloermond +800 283 8000 service.NL@mogatec.com	PL I Victus-Emak Sp. zoom. ulu. Karpiak 37 61-619 Poznan 61 823 83 69 serwis@victus.com.pl

Documents / Resources

	IKRA IBKH 33-1 Multi Function Garden Tool [pdf] Instruction Manual IBKH 33, IBKH 33-1 Multi Function Garden Tool, Multi Function Garden Tool, Garden Tool
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References

- [S cut.be - This website is for sale! - diamonds antwerp belgium rings bracelets earrings necklaces Resources and Information.](#)
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