

GTA 30.0

STIHL



2 - 27 Instruction Manual



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1 Introduction

Dear Customer,

Thank you for choosing STIHL. We develop and manufacture our quality products to meet our customers' requirements. The products are designed for reliability even under extreme conditions.

STIHL also stands for premium service quality. Our dealers guarantee competent advice and instruction as well as comprehensive service support.

STIHL expressly commit themselves to a sustainable and responsible handling of natural resources. This user manual is intended to help you use your STIHL product safely and in an environmentally friendly manner over a long service life.

We thank you for your confidence in us and hope you will enjoy working with your STIHL product.



Dr. Nikolas Stihl

IMPORTANT! READ BEFORE USING AND KEEP IN A SAFE PLACE FOR REFERENCE.

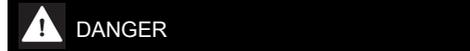
2 Guide to Using this Manual

2.1 Applicable Documentation

Local safety regulations apply.

- ▶ Read, understand and save the following documents in addition to this instruction manual:
 - Information on STIHL Multioil Bio: www.stihl.com/safety-data-sheets
 - Safety information for STIHL batteries and products with built-in batteries: www.stihl.com/safety-data-sheets

2.2 Warning Notices in Text



- This notice refers to risks which result in serious or fatal injury.
 - ▶ Serious or fatal injuries can be avoided by taking the precautions mentioned.



- This notice refers to risks which **can** result in serious or fatal injury.
 - ▶ Serious or fatal injuries can be avoided by taking the precautions mentioned.



- This notice refers to risks which can result in damage to property.
 - ▶ Damage to property can be avoided by taking the precautions mentioned.

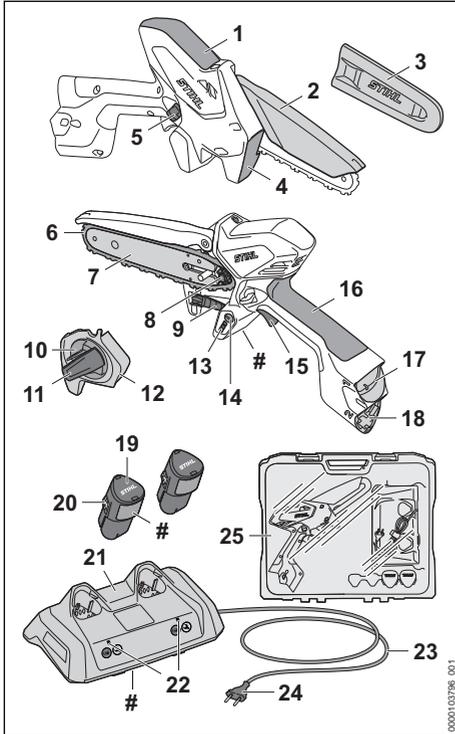
2.3 Symbols in Text



This symbol refers to a chapter in this instruction manual.

3 Overview

3.1 Garden pruner, battery and charger



1 Grip

The grip is used for holding and controlling the garden pruner.

2 Protective hood

Helps protect user from contact with saw chain.

3 Chain scabbard

The chain scabbard protects against contact with the saw chain.

4 Limit stop

Supports the garden pruner against wood while cutting.

5 Locking lever

Unlocks the trigger.

6 Saw chain

The saw chain cuts the wood.

7 Guide bar

The guide bar supports and guides the saw chain.

8 Chain sprocket

The chain sprocket drives the saw chain.

9 Tension lever

The tension lever moves the guide bar and thus tensions or slackens the saw chain.

10 Wing nut

Secures the chain sprocket cover to the garden pruner.

11 Handle

The handle helps to loosen or fasten the wing nut.

12 Chain sprocket cover

Covers the chain sprocket cover and secures the guide bar to the garden pruner.

13 LEDs

The LEDs indicate the state of charge of the battery and any errors.

14 Pushbutton

The pushbutton activates the LEDs on the garden pruner.

15 Trigger

The trigger switches the garden pruner on and off.

16 Control handle

For operating, holding and controlling the garden pruner.

17 Battery compartment 1

This battery compartment holds the first battery.

18 Battery compartment 2

This battery compartment holds the second battery.

19 Battery

Supplies power to the garden pruner.

20 Locking hook

The locking hook holds the battery in place in the battery compartment.

21 Charger

The charger charges the battery.

22 LED

The LED indicates the status of the charger.

23 Connecting cable

The connecting cable connects the charger to the mains plug.

24 Mains plug

The mains plug connects the connecting cable with a socket.

25 Case

The case is used for transporting and storing the garden pruner, battery, charger and

accessories. The case only comes with the set (consisting of the garden pruner, battery, charger and accessories).

Rating plate with machine number

3.2 Symbols

Meanings of symbols that may be on the garden pruner, battery and charger:



This symbol shows the direction of rotation of the saw chain.



The LED lights up or flashes green. The battery is charging.



The LED flashes red. There is no electrical contact between the battery and the charger, or there is a fault in the battery or charger.



The symbol in the case indicates the recommended positioning of a fully charged battery.



The symbol in the case indicates the recommended positioning of a charged battery.



Length of guide bar that may be used.



Tensioning device to tension and loosen the saw chain.



Guaranteed sound power level in accordance with Directive 2000/14/EC in dB(A) for the purpose of comparing the sound emissions of products.



The information next to the symbol indicates the energy content of the battery according to the cell manufacturer's specification. The energy content available in operation is lower.



Operate the electric product in a dry place, indoors only.



Do not dispose of the product with your household waste.



Read and understand the User Manual and keep it in a safe place for reference.

4 Safety Precautions

4.1 Warning Signs

4.1.1 Garden pruner

Meanings of the warning symbols on the garden pruner:



Follow the safety instructions and take the necessary precautions.



Read and understand the User Manual and keep it in a safe place for reference.



Wear safety glasses.



Hold the garden pruner firmly with both hands.



Do not touch the moving saw chain.



Remove the battery during work interruptions, transport, storage, maintenance or repair.



Protect the garden pruner against rain and dampness.

4.1.2 Battery

Meaning of warning symbols on the battery:

Observe safety notices and take the necessary precautions.



Read and understand the User Manual and keep it in a safe place for reference.



Protect the battery against heat and fire.



Do not immerse the battery in liquids.

4.1.3 Charger

Meanings of the warning signs on the charger:

Observe safety notices and take the necessary precautions.



Read and understand the User Manual and keep it in a safe place for reference.





Protect the charger from rain and dampness.

4.2 Intended Use

The STIHL GTA 30.0 garden pruner is designed to cut wood.

The garden pruner must not be used in the rain.

Two STIHL AS batteries supply power to the garden pruner.

The STIHL AL 5-2 charger recharges STIHL AS batteries.

▲ WARNING

- Batteries and chargers not approved by STIHL for the garden pruner may cause a fire or explosion. Persons may be seriously or fatally injured, and property may be damaged.
 - ▶ Use the garden pruner with two STIHL AS batteries.
 - ▶ Use a STIHL AL 1, AL 5 or AL 5-2 charger to recharge STIHL AS batteries.
- Using the garden pruner, battery or the charger for purposes for which they were not designed may result in serious or fatal injuries, and damage to property may occur.
 - ▶ Use the garden pruner, battery and charger as described in this User Manual.

4.3 Requirements for users

▲ WARNING

- Users without adequate training or instruction cannot recognize or assess the risks involved in using the garden pruner, battery and charger. The user or other persons may sustain serious or fatal injuries.



- ▶ Read and understand the User Manual and keep it in a safe place for reference.

- ▶ If you pass on the garden pruner, battery or charger to another person: Always give them the User Manual.
- ▶ Make sure that the user meets the following conditions:
 - The user is rested.
 - The user is physically and mentally capable of operating and working with the garden pruner, battery and charger. If the user is able to operate the equipment but is physically, sensorially or mentally impaired, the user may only work with the equipment under the

supervision of or after receiving instruction from a responsible person.

- The user is able to recognize and assess the risks involved in using the garden pruner, battery and charger.
 - The user is an adult or is being trained in an occupation under supervision according to national regulations.
 - The user has received instruction from a STIHL authorized dealer or other experienced user before working with the garden pruner and the charger for the first time.
 - The user is not under the influence of alcohol, medication or drugs.
- ▶ If you are unsure: Contact a STIHL authorized dealer.

4.4 Clothing and equipment

▲ WARNING

- Long hair can be pulled into the garden pruner during operation. This may result in serious injury to the user.
 - ▶ Tie up and confine long hair above your shoulders.
- Objects can be thrown at high speed during operation. This may result in injury to the user.



- ▶ Wear close-fitting safety glasses. Suitable safety glasses are tested in accordance with EN 166 or other national regulations and available commercially with the corresponding marking.

- ▶ Wear long trousers.
- Falling objects can cause head injuries.
 - ▶ If objects are likely to fall while working: wear a hard hat.
- Dust can be whipped up during operation: Whipped up dust can damage the respiratory passages and cause allergic reactions.
 - ▶ If dust is generated: Wear a dust respirator mask.
- Inappropriate clothing can snag on wood, brush or the garden pruner. Not wearing suitable clothing may result in serious injury.
 - ▶ Wear close-fitting clothing.
 - ▶ Remove scarves and jewelry.
- The user may cut himself or herself on wood while working. The user may come into contact with the saw chain during cleaning or servicing. This may result in injury to the user.
 - ▶ Wear work gloves made from resistant material.

- Wearing unsuitable footwear may cause the user to slip. This may result in injury to the user.
 - ▶ Wear sturdy, closed-toed footwear with high-grip soles.

4.5 Work Area and Surroundings

4.5.1 Garden pruner

⚠ WARNING

- Innocent bystanders, children and animals are not aware of the dangers of the garden pruner or flying debris. Bystanders, children and animals may be seriously injured and damage to property may occur.
 - ▶ Keep bystanders, children and animals away from the work area.
 - ▶ Do not leave the garden pruner unattended.
 - ▶ Make sure that children cannot play with the garden pruner.
- The garden pruner is not waterproof. Working in the rain or a damp location may result in an electric shock. This can result in injuries to the user and may damage the garden pruner.



- ▶ Do not work in the rain or a damp location.

- Electrical components of the garden pruner can produce sparks. Sparks may cause a fire or an explosion in an easily combustible or explosive environment. This can result in serious or fatal injuries and damage to property.
 - ▶ Do not work in an easily combustible or explosive environment.

4.5.2 Battery

⚠ WARNING

- Bystanders, children and animals cannot recognize or assess the dangers of the battery. Bystanders, children and animals may be seriously injured.
 - ▶ Keep bystanders, children and animals away from the work area.
 - ▶ Do not leave the battery unattended.
 - ▶ Make sure that children cannot play with the battery.
- The battery is not protected against all ambient conditions. If the battery is exposed to certain ambient conditions, the battery may catch fire, explode or be irreparably damaged. This may result in serious injury to people and damage to property.



- ▶ Protect battery from heat and fire.
- ▶ Do not throw the battery into a fire.

- ▶ Do not charge, use and store the battery outside of the specified temperature limits, 19.7.



- ▶ Do not immerse the battery in liquids.

- ▶ Keep battery away from small metal parts.
- ▶ Do not expose the battery to high pressure.
- ▶ Do not expose the battery to microwaves.
- ▶ Protect the battery against chemicals and salts.

4.5.3 Charger

⚠ WARNING

- Bystanders and children are not aware of and cannot assess the dangers of a charger or electric current. Bystanders, children and animals may be seriously or fatally injured.
 - ▶ Keep bystanders, children and animals away from the work area.
 - ▶ Make sure that children cannot play with the charger.
- The charger is not waterproof. If you work in the rain or in a damp environment, an electric shock may occur. The user may be injured and the charger may be damaged.



- ▶ Do not operate it in the rain or in a damp environment.

- The charger is not protected against all ambient conditions. If the charger is exposed to certain ambient conditions, it may catch fire or explode. This may result in serious injury to people and damage to property.
 - ▶ Operate the charger in an enclosed, dry room.
 - ▶ Do not operate the charger in a flammable environment or in an explosive environment.
 - ▶ Do not operate the charger on a readily combustible surface.
 - ▶ Do not use and store the charger outside of the specified temperature limits, 19.7.
- People may trip over the connecting cable. People may be injured and the charger may be damaged.
 - ▶ Lay the connecting cable flat on the floor.

4.6 Safe Condition

4.6.1 Garden pruner

The garden pruner is in a safe condition if the following points are observed:

- Garden pruner is not damaged.
- Garden pruner is clean and dry.
- Chain guard is mounted.
- The chain guard is undamaged and has not been modified.
- The controls function properly and have not been modified.
- The saw chain is lubricated.
- Wear marks on the chain sprocket are not deeper than 0.5 mm.
- A combination of guide bar and saw chain recommended in this User Manual is mounted.
- The guide bar and saw chain are properly mounted.
- The saw chain is properly tensioned.
- Genuine STIHL accessories designed for this garden pruner model are installed.
- The accessories are correctly attached.

▲ WARNING

- If not in safe condition, components may no longer operate correctly and safety devices may be disabled. There is a risk of serious or fatal injury.
 - ▶ Work only with an undamaged garden pruner.
 - ▶ If the garden pruner is dirty or wet: Clean the garden pruner and allow it to dry.
 - ▶ Never modify the garden pruner. Exception: Mounting a combination of guide bar and saw chain recommended in this User Manual.
 - ▶ Never use the garden pruner without the chain guard.
 - ▶ If the chain guard is damaged or has been modified: Do not work with the garden pruner.
 - ▶ If the controls do not function properly: Do not work with the garden pruner.
 - ▶ Fit genuine STIHL accessories designed for this garden pruner model.
 - ▶ Mount the guide bar and saw chain as described in this User Manual.
 - ▶ Attach accessories as described in this user manual or in the user manual for the accessories.
 - ▶ Never insert objects into the garden pruner's openings.
 - ▶ Replace worn or damaged labels.
 - ▶ If you have any doubts, be sure to consult a STIHL dealer.

4.6.2 Guide bar

The guide bar is in a safe condition if the following points are observed:

- Guide bar is not damaged.
- Guide bar is not deformed.
- At least the minimum groove depth is maintained,  19.3.
- Bar groove is not pinched or splayed.

▲ WARNING

- If the guide bar is not in a safe condition, it can no longer support and guide the saw chain properly. The rotating saw chain can jump off the guide bar. This can result in serious or fatal injuries.
 - ▶ Work only with an undamaged guide bar.
 - ▶ If the groove depth is less than the minimum depth: Replace the guide bar.
 - ▶ If you have any queries: Contact a STIHL servicing dealer for assistance.

4.6.3 Saw Chain

The saw chain is in a safe condition if the following points are observed:

- Chain is not damaged.
- Chain is properly sharpened.
- The service marks on the cutters are still visible.

▲ WARNING

- If components do not comply with safety requirements, they will no longer function properly and safety devices may be rendered inoperative. This can result in serious or fatal injuries.
 - ▶ Work only with an undamaged saw chain.
 - ▶ Sharpen the chain properly.
 - ▶ If you have any queries: Contact your STIHL servicing dealer for assistance.

4.6.4 Battery

The battery is in a safe condition if the following points are observed:

- Battery is undamaged.
- The battery is clean and dry.
- Battery functions properly and has not been modified.

▲ WARNING

- A battery that is not in a safe condition cannot operate safely. Persons may be seriously injured.
 - ▶ Never work with a damaged battery.
 - ▶ Never attempt to charge a damaged or defective battery.
 - ▶ If the battery is dirty: Clean the battery.

- ▶ If the battery is wet or damp: Allow the battery to dry,  19.8.
- ▶ Never attempt to modify the battery.
- ▶ Never insert objects in the battery's openings.
- ▶ Never bridge the battery's contacts with metallic objects (short circuit).
- ▶ Do not open the battery.
- ▶ Replace worn or damaged labels.
- Fluid may leak from a damaged battery. If that liquid comes into contact with the skin or eyes, the skin or eyes may be irritated.
 - ▶ Avoid contact with the liquid.
 - ▶ If skin contact occurs: Wash affected areas of skin with plenty of water and soap.
 - ▶ In the event of contact with eyes: Rinse eyes with plenty of water for at least 15 minutes and consult a doctor.
- A damaged or defective battery may smell unusual, emit smoke or burn. Persons may be seriously or fatally injured, and property may be damaged.
 - ▶ If the battery smells unusual or emits smoke: do not use the battery and keep it away from combustible substances.
 - ▶ If the battery catches fire: Attempt to extinguish the battery with a fire extinguisher or water.
- ▶ Make sure than persons outside the work area are within calling distance.
- The user cannot concentrate on the work in certain situations. The user can lose control of the garden pruner, stumble or fall and be seriously injured.
 - ▶ Work calmly and carefully.
 - ▶ If light and visibility are poor: Do not work with the garden pruner.
 - ▶ Operate the garden pruner alone.
 - ▶ Do not work above shoulder height.
 - ▶ Watch out for obstacles.
 - ▶ Stand on the ground while working and keep a good balance. If it is necessary to work at heights: Use a lift bucket or a safe platform.
 - ▶ If you begin to feel tired: Take a break.
- The rotating saw chain can cut the operator. This can result in serious injuries.
 - ▶ Do not touch the rotating saw chain.
 - ▶ If the saw chain is blocked by an object: Switch off the garden pruner and remove the battery. Then remove the object causing the blockage.
- The rotating chain becomes hot and expands. If the chain is not lubricated sufficiently or not re-tensioned at regular intervals, it may come off the guide bar or break. This can result in serious injuries and damage to property.
 - ▶ Use STIHL Multioil Bio or an equivalent biodegradable multifunctional oil.
 - ▶ Lubricate the saw chain after every break to recharge the battery.
 - ▶ Check chain tension regularly during cutting work. If chain tension is insufficient: Tension the chain.

4.6.5 Charger

The charger is in a safe condition if the following points are observed:

- Charger is undamaged.
- Charger is clean and dry.

WARNING

- If components do not comply with safety requirements, they will no longer function properly and safety devices may be rendered inoperative. This can result in serious or fatal injuries.
 - ▶ Do not use a damaged charger.
 - ▶ If the charger is dirty or wet: Clean the charger and allow it to dry.
 - ▶ Never attempt to modify the charger.
 - ▶ Never insert objects in the charger's openings.
 - ▶ Never bridge the charger's contacts with metallic objects (short circuit).
 - ▶ Do not open the charger.
- The guide bar, saw chain and chain sprocket can become hot during operation. There is a risk of burn injuries.
 - ▶ Do not touch the hot guide bar, saw chain or chain sprocket.
 - ▶ Wait for the guide bar, saw chain and chain sprocket to cool down.
 - ▶ Wear work gloves made of durable material.
- If the behavior of the garden pruner changes during operation or feels unusual, it may no longer be in a safe condition. This can result in serious injuries and damage to property.
 - ▶ Stop work, remove the battery and contact your STIHL servicing dealer for assistance.
- Vibrations may occur while using the garden pruner.
 - ▶ Wear gloves.
 - ▶ Take regular breaks.

4.7 Operation

WARNING

- Always work within calling distance of others in case help is needed.

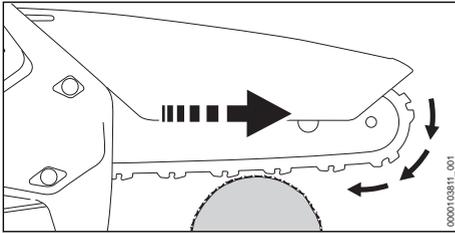
- ▶ If signs of circulation problems occur: Seek medical advice.
- Sparks may occur if the rotating chain makes contact with a hard object. Sparks may cause a fire in an easily combustible location. This can result in serious or fatal injuries and damage to property.
 - ▶ Do not work in an easily combustible location.
- Note that the saw chain continues to rotate for a short period after you release the trigger. The rotating saw chain can cut the user. This can result in serious injuries.
 - ▶ Wait for the chain to come to a standstill.

⚠ DANGER

- Working near live electric cables can result in accidental contact with the chain and damage the cables. This can result in serious or fatal injuries.
 - ▶ Do not work near live electric cables.

4.8 Reactive Forces

4.8.1 Reactive forces



The garden pruner is pulled away from the user if the bottom of the guide bar is used for cutting.

⚠ WARNING

- If the rotating saw chain makes contact with a hard object and is suddenly pinched, the garden pruner may be abruptly jerked away from the user. This can result in personal injuries.
 - ▶ Hold the garden pruner firmly with both hands.
 - ▶ Work as described in this User Manual.
 - ▶ Work with the chain guard properly mounted.
 - ▶ Work with an undamaged chain guard that has not been modified.
 - ▶ Always work with a properly sharpened and tensioned saw chain.
 - ▶ Keep the guide bar straight in the cut.
 - ▶ Apply the limit stop properly.
 - ▶ Work with the engine running at full throttle.

4.9 Charging

⚠ WARNING

- A damaged or defective charger may produce an unusual smell or emit smoke during the charging process. This may result in personal injuries and damage to property.
 - ▶ Disconnect the plug from the wall outlet.
- The charger can overheat and cause a fire if heat dissipation is inadequate. This can result in serious or fatal injuries and damage to property.
 - ▶ Do not cover the charger.

4.10 Connecting to the power supply

Contact with live components may occur for the following reasons:

- The connecting cable or the extension cord is damaged.
- The mains plug of the connecting cable or extension cord is damaged.
- The socket is not properly installed.

⚠ DANGER

- Contact with live parts may result in electric shock. This may result in serious or fatal injury to the user.
 - ▶ Make sure that the connecting cable, extension cord and their mains plugs are undamaged.



If the connecting cable or the extension cord is damaged:

- ▶ Do not touch the damaged area.
- ▶ Disconnect the mains plug from the power supply.
- ▶ Make sure your hands are dry before touching the connecting cable, extension cord or mains plugs.
- ▶ Plug the mains plug of the connecting cable or extension cord into a properly installed, shockproof socket with the correct fuse rating.
- ▶ Install the charger with a ground fault circuit interrupter (30 mA, 30 ms).
- A damaged or unsuitable extension cable can result in electric shock. There is a risk of serious or fatal injury.
 - ▶ Use an extension cable with the correct cable cross-section,  19.6.

⚠ WARNING

- Overvoltage can occur in the charger if the line voltage or frequency are incorrect during charging. The charger may be damaged.

- ▶ Make sure that the mains voltage and the mains frequency of the power supply match the data on the rating plate of the charger.
- If the charger is connected to a power strip, electrical components may be overloaded during the charging process. The components may overheat and cause a fire. Persons may be seriously or fatally injured, and property may be damaged.
 - ▶ Ensure that the technical specifications for the power strip are not exceeded by the information on the rating plate of the charger and of all electrical devices connected to the power strip.
- An incorrectly routed connecting cable or extension cord may be damaged, and people may trip over it. People may be injured, and the connecting cable or extension cord may be damaged.
 - ▶ Route and mark the connecting cable and extension cord so that people will not trip over them.
 - ▶ Route the connecting cable and extension cord so that they are not under tension or tangled.
 - ▶ Route the connecting cable and extension cord so that they will not be damaged, kinked or crushed and will not be chafed.
 - ▶ Protect the connecting cable and extension cord from heat, oil and chemicals.
 - ▶ Lay the connecting cable and extension cord on a dry surface.
- The extension cable warms up in operation. If that heat cannot escape, it may cause a fire.
 - ▶ If using a cable reel: completely unroll the cable reel.
- If wiring and pipes are laid in the wall, they may be damaged if the charger is mounted on the wall. Contact with wiring can result in electric shock. This may result in serious injury to people and damage to property.
 - ▶ Make sure there is no wiring or pipes in the wall at the proposed mounting site.
- If the charger is not mounted on the wall as described in this User Manual, the charger or the battery may fall or the charger may overheat. This may result in injury to people and damage to property.
 - ▶ Mount the charger on a wall as described in this User Manual.
- If the charger is mounted on a wall with the battery inserted, the battery may fall out of the charger. This may result in injury to people and damage to property.
 - ▶ Mount the charger on the wall first before inserting the battery.

4.11 Transporting

4.11.1 Garden pruner

⚠ WARNING

- The garden pruner may tip over or shift during transport. People may be injured or property may be damaged.



- ▶ Remove the batteries.
- ▶ Push the chain scabbard over the guide bar so that it completely covers the guide bar.
- ▶ Transport the garden pruner in the supplied case.
- ▶ If no case is supplied with the garden pruner: Secure the garden pruner with lashing straps or a net to prevent it tipping over or moving.

4.11.2 Battery

⚠ WARNING

- The battery is not protected against all ambient conditions. The battery may be damaged if it is exposed to certain ambient conditions, and damage to property may occur.
 - ▶ Never transport a damaged battery.
 - ▶ If a case is supplied: Transport the battery in the supplied case.
- The battery may tip over or shift during transport. People may be injured or property may be damaged.
 - ▶ Pack the battery in packaging in such a way that it cannot move.
 - ▶ Secure the packaging so that it cannot move.

4.11.3 Charger

⚠ WARNING

- The charger can tip over or shift while being transported. Persons may be injured or property may be damaged.
 - ▶ Disconnect the mains plug from the socket.
 - ▶ Remove the batteries.
 - ▶ Transport the charger in the case supplied.
 - ▶ If no case is supplied with the charger: Secure the charger with lashing straps, belts or a net to prevent it tipping over and moving.
- The connecting cable should not be used for carrying the charger. The connecting cable and the charger may be damaged.
 - ▶ Wind up the connecting cable and attach it to the charger.

4.12 Storing

4.12.1 Garden pruner

▲ WARNING

- Children are not aware of and cannot assess the dangers of the garden pruner. Children may be seriously injured.



- Remove the batteries.

- Push the chain scabbard over the guide bar so that it completely covers the guide bar.
- Store the garden pruner out of the reach of children.

- Dampness can corrode the electrical contacts on the garden pruner and other metal components. The garden pruner may be damaged.



- Remove the batteries.

- Store the garden pruner in a clean and dry condition.

4.12.2 Battery

▲ WARNING

- Children are not aware of and cannot assess the dangers of the battery. Children may be seriously injured.
 - Store the battery out of the reach of children.
- The battery is not protected against all ambient conditions. If the battery is exposed to certain ambient conditions, the battery may be irreparably damaged.
 - Store the battery in a clean and dry condition.
 - Store the battery in an enclosed space.
 - Store the battery separately from the garden pruner.
 - If the battery is stored in the charger, disconnect the mains plug and store the battery at a state of charge between 40% and 60%.
 - Do not store the battery outside of the specified temperature limits, 19.7.

4.12.3 Charger

▲ WARNING

- Children are not aware of and cannot assess the dangers of a charger. Children can be seriously injured or killed.
 - Disconnect the plug from the wall outlet.

- Store the charger out of reach of children.
- The charger is not protected against all ambient conditions. If the charger is exposed to certain ambient conditions, the charger may be damaged.
 - Disconnect the plug from the wall outlet.
 - If the charger is hot: Allow the charger to cool down.
 - Store the charger in a clean, dry place.
 - Store the charger in an enclosed room.
 - Do not store the charger outside of the specified temperature limits, 19.7.
- The connecting cable should not be used for carrying the charger or hanging up the charger. The connecting cable and the charger may be damaged.
 - Hold the charger by the housing in a secure grip.
 - Hang the charger on the wall mounting.

4.13 Cleaning, maintenance and repair

▲ WARNING

- The garden pruner may start unintentionally if the batteries are left in place during cleaning, maintenance or repair operations. This may result in serious injury to people and damage to property.



- Remove the batteries.

- Cleaning with harsh cleaning agents, a water jet, or pointed objects can damage the garden pruner, guide bar, saw chain, the battery and charger. If the garden pruner, guide bar, saw chain, battery or charger are not cleaned correctly, components may no longer function properly or safety devices may be rendered inoperative. People may suffer serious injuries as a result.
 - Clean the garden pruner, guide bar, saw chain, battery and charger as described in this user manual.
- If the garden pruner, guide bar, saw chain, battery or charger are not properly serviced, components may no longer function properly or safety devices may be rendered inoperative. There is a risk of serious or fatal injury.
 - Do not attempt to service or repair the garden pruner, battery or charger yourself.
 - If the garden pruner, battery or the charger require servicing or repairs: Contact a STIHL servicing dealer for assistance.

- ▶ Service or repair the guide bar and saw chain as described in this User Manual.
- The user may be cut by the sharp cutters while cleaning or servicing the saw chain. This may result in injury to the user.
- ▶ Wear work gloves made of robust material.

5 Preparing Garden Pruner for Operation

5.1 Preparing Garden Pruner for Operation

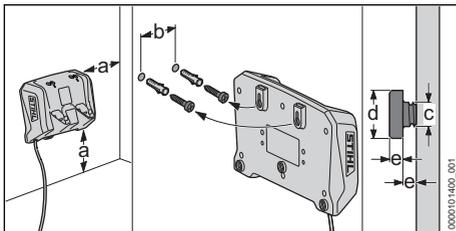
The following steps must be performed before commencing work:

- ▶ Ensure that the following components are in safe condition:
 - Garden pruner, [19](#) 4.6.1.
 - Guide bar, [19](#) 4.6.2.
 - Saw chain, [19](#) 4.6.3.
 - Battery, [19](#) 4.6.4.
 - Charger, [19](#) 4.6.5.
- ▶ Check the battery, [19](#) 10.6.
- ▶ Fully charge the battery, [19](#) 15.1.
- ▶ Clean the garden pruner, [19](#) 15.1.
- ▶ Mount the guide bar and saw chain, [19](#) 7.1.2.
- ▶ Tension the saw chain, [19](#) 7.2.
- ▶ Lubricate the saw chain, [19](#) 7.3.
- ▶ Check the controls, [19](#) 10.5.
- ▶ If you cannot carry out these steps: Do not use the garden pruner and contact your STIHL dealer for assistance.

6 Charging the Battery, LEDs

6.1 Mounting the charger on a wall

The charger can be mounted on a wall.



- ▶ Check the following points when mounting the charger on a wall:
 - Use suitable mounting materials.
 - The charger is level.
 The following dimensions are observed:
 - a = at least 100 mm
 - b (for AL 1 and AL 5) = 54 mm
 - b (for AL 5-2) = 100 mm

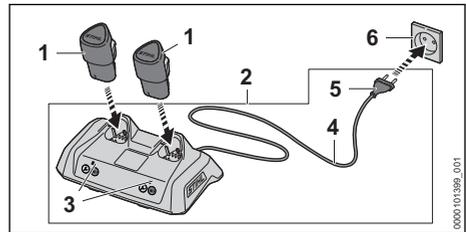
- c = 4.5 mm
- d = 9 mm
- e = 2.5 mm

6.2 Charging the battery

The charging time depends on various factors, e.g. the battery temperature or the ambient temperature. For optimum performance, note the recommended temperature ranges, [19](#) 19.8. The actual charging time may vary from the charging time indicated. The charging time is indicated at www.stihl.com/charging-times.

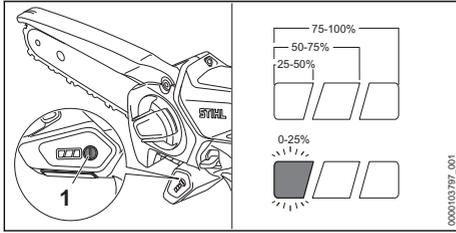
The charging process starts automatically when the mains plug is plugged into a socket and the battery is inserted into the charger. The charger switches off automatically when the battery is fully charged.

The battery and the charger warm up during charging.



- ▶ Insert the mains plug (5) in a convenient wall outlet (6).
- ▶ The charger (2) runs a self test. The LED (3) glows green for about 1 second and then red for about 1 second.
- ▶ Fit the connecting cable (4).
- ▶ Insert the battery (1) in the guides in the charger (2) and press it home as far as stop. The LED (3) glows or flashes green. The battery (1) is being charged.
- ▶ When the LED (3) stops glowing: The battery (1) is fully charged and can be taken out of the charger (2).
- ▶ If the charger (2) is no longer being used: Disconnect the mains plug (5) from the socket (6).

6.3 Displaying the state of charge



- ▶ Insert the batteries.
- ▶ Depress the pushbutton (1).
The LEDs light up green for about 5 seconds and indicate the state of charge.
- ▶ If the left LED flashes green: Charge the battery.

NOTICE

- The LEDs always indicate the battery with the lowest state of charge. To display the state of charge of an individual battery:
 - ▶ Insert the battery only in battery compartment 1.
 - ▶ Press the pushbutton (1).

NOTICE

- If the battery is inserted only in battery compartment 2, the LEDs on the garden pruner will not function.
 - ▶ Insert both batteries or at least one battery in battery compartment 1.
 - ▶ Press the pushbutton (1).

6.4 LEDs on garden pruner

The LEDs can indicate the state of charge of the battery or any errors. The LEDs can may light up steady or flash in green or red.

If the LEDs light up or flash green, the state of charge of the battery is indicated.

- ▶ If one LED lights up or flashes red: Troubleshooting, 18.
There is an error in the garden pruner or battery.

6.5 LED on Charger

The LED indicates the operating status of the charger or faults. The LED can glow or flash green or red.

If the LED glows or flashes green, the battery is being charged.

- ▶ If the LED glows or flashes red: Troubleshooting, 18.

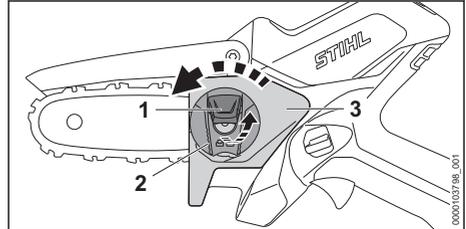
There is a malfunction in charger or battery.

7 Assembling the Garden Pruner

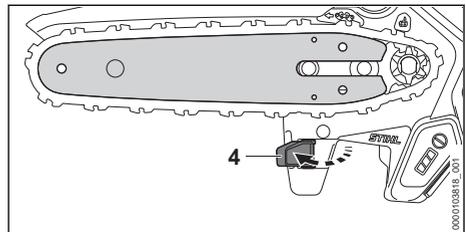
7.1 Removing and Fitting the Bar and Chain

7.1.1 Removing the guide bar and saw chain

- ▶ Switch off the garden pruner and remove the batteries.



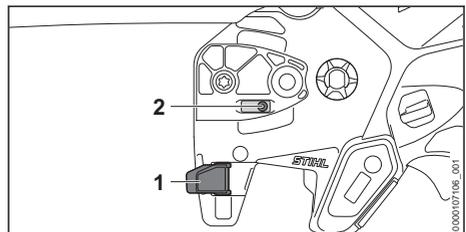
- ▶ Open the handle (1) of the wing nut (2).
- ▶ Rotate the handle (1) of the wing nut (2) counterclockwise until the chain sprocket cover (3) can be removed.
- ▶ Remove the chain sprocket cover (3).



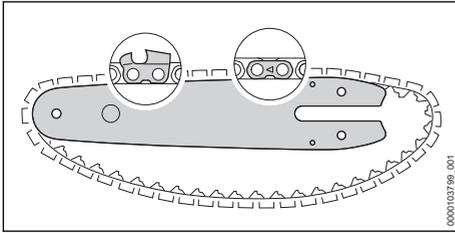
- ▶ Open tension lever (4).
The saw chain is now slack.
- ▶ Remove the guide bar and saw chain.

7.1.2 Mounting the guide bar and saw chain

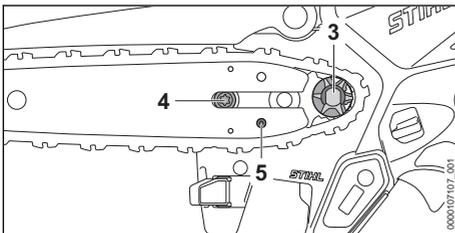
The guide bar and saw chain combinations that can be used with the chain sprocket are listed in the specifications, 20.



- ▶ Open tension lever (1).
The peg (2) of the tensioner slide fits flush against the housing.

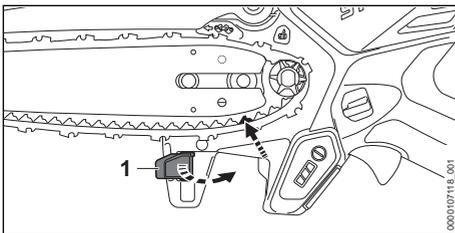


- ▶ Place the saw chain in the guide bar groove so that the arrows on the links on the top of the bar point in the direction of rotation.



- ▶ Fit the guide bar and saw chain on the garden pruner and check the following points:
 - The drive links of the saw chain are seated in the teeth of the chain sprocket (3).
 - The head of the collar stud (4) is in the guide bar's slot.
 - The peg (2) fits in the hole (5) of the guide bar.

The guide bar may be fitted in either direction. The logo on the guide bar may also be upside down.



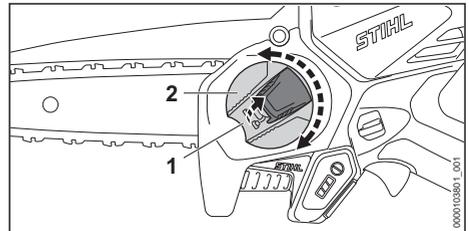
- ▶ Make sure the drive links of the saw chain run in the guide bar groove.
- ▶ Fold the tension lever (1) down.
The tension lever engages in position with an audible click. The guide bar and saw chain fit snugly against the garden pruner. The saw chain is tensioned automatically.

- ▶ Fit the chain sprocket cover on the garden pruner so that it is flush with the garden pruner.
- ▶ Rotate the handle of the wing nut clockwise until the chain sprocket cover is firmly seated on the garden pruner.
- ▶ Check chain tension.
- ▶ Fold the handle of the wing nut down.
The handle engages in position with an audible click.

7.2 Tensioning the Saw Chain

The saw chain expands or contracts during cutting work. The saw chain tension changes as a result. Check the saw chain tension regularly during operation and readjust if necessary.

- ▶ Switch off the garden pruner and remove the batteries.



- ▶ Open the handle (1) of the wing nut (2).
- ▶ Rotate the handle (1) of the wing nut (2) counter-clockwise for half a turn.
The saw chain is tensioned automatically.
- ▶ Rotate the handle (1) of the wing nut (2) clockwise until the chain sprocket cover is firmly seated on the garden pruner.
- ▶ Fold down the handle (1) of the wing nut (2).
The handle engages in position with an audible click.



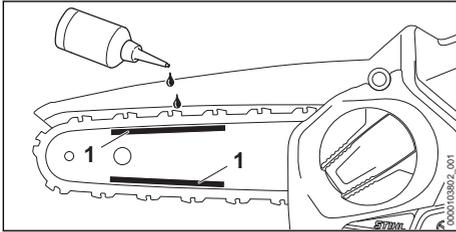
WARNING

- The saw chain's cutters are sharp. There is a risk of cutting oneself.
 - ▶ Wear work gloves made of robust material.
- ▶ The saw chain is properly tensioned when the saw chain can still be pulled easily along the bar with two fingers.
- ▶ If the drive links of the saw chain on the underside of the bar hang freely and are completely visible: Readjust chain tension.

7.3 Lubricating the saw chain

STIHL Multioil Bio or an equivalent biodegradable multifunctional oil lubricates and cools the rotating saw chain. The saw chain must be lubricated after each battery charge.

- ▶ Switch off the garden pruner and remove the batteries.
- ▶ Place the garden pruner on a level surface with the chain sprocket cover facing up.
- ▶ Clean the guide bar and saw chain with a paint brush, a soft brush or STIHL resin solvent.

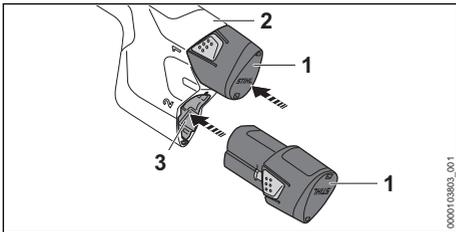


- ▶ Apply multifunctional oil in area (1) between the guide bar and saw chain.
- ▶ Insert the batteries.
- ▶ Switch on the garden pruner. Multifunctional oil is evenly distributed over the saw chain. The saw chain is lubricated.

8 Removing and Fitting the Battery

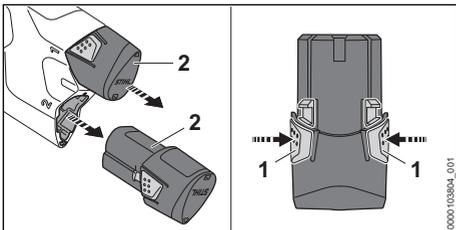
8.1 Inserting the battery

Stihl recommends using and marking the batteries in pairs.



- ▶ Insert the battery (1) into the battery compartment (2, 3) as far as it will go. The battery (1) engages in position with a click.

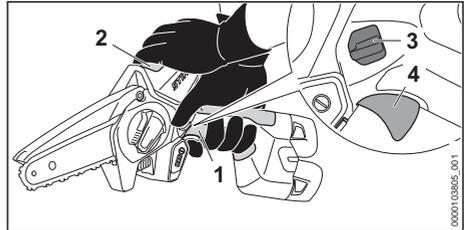
8.2 Removing the battery



- ▶ Depress both locking hooks (1). The battery (2) is now unlocked and can be removed.

9 Switching On and Off

9.1 Switching on the garden pruner



- ▶ Hold the garden pruner firmly with one hand on the grip area (1) of the control handle so that your thumb wraps around the control handle.
- ▶ Hold and control the garden pruner with your other hand on the grip (2).
- ▶ Press and hold the locking lever (3) with your thumb.
- ▶ Press and hold the trigger (4) with your index finger. The garden pruner accelerates and the saw chain rotates. The locking lever (3) can be released.

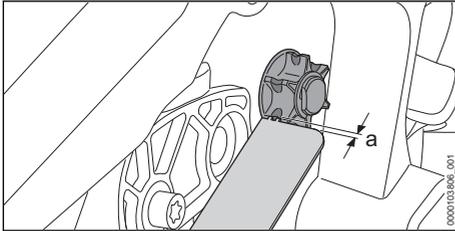
9.2 Switching off the garden pruner

- ▶ Release the trigger. The saw chain stops running.
- ▶ If the saw chain continues to run: Remove the batteries and contact a STIHL authorized dealer for assistance. The garden pruner is defective.

10 Checking the Garden Pruner and Battery

10.1 Checking the chain sprocket

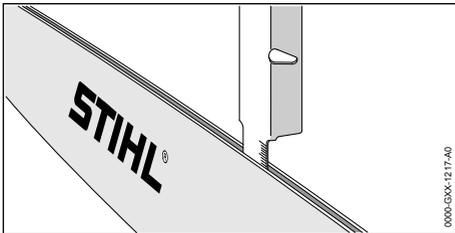
- ▶ Switch off the garden pruner and remove the batteries.
- ▶ Remove the chain sprocket cover.
- ▶ Remove the guide bar and saw chain.



- ▶ Use a STIHL gauge to check the wear marks on the chain sprocket.
- ▶ If wear marks are deeper than $a = 0.5 \text{ mm}$: Do not use the garden pruner and contact a STIHL authorized dealer instead. The chain sprocket must be replaced.

10.2 Checking the guide bar

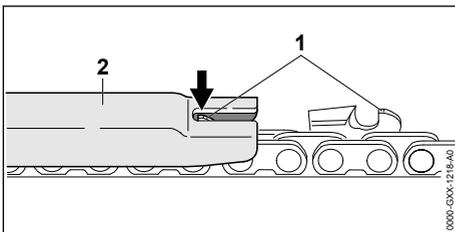
- ▶ Switch off the garden pruner and remove the batteries.
- ▶ Remove the saw chain and guide bar.



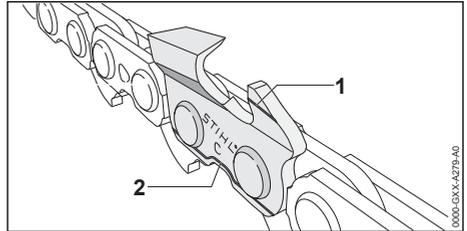
- ▶ Measure the depth of the guide bar with the scale on a STIHL filing gauge.
- ▶ Install a new guide bar if one of the following points applies:
 - The guide bar is damaged.
 - The measured guide bar groove depth is less than specified minimum depth, [19.3](#).
 - The guide bar groove is pinched or splayed.
- ▶ If you are unsure: Contact a STIHL authorized dealer.

10.3 Checking the saw chain

- ▶ Switch off the garden pruner and remove the batteries.



- ▶ Measure the height of the depth limiters (1) with a STIHL filing gauge (2). The STIHL filing gauge must match the pitch of the saw chain.
- ▶ If a depth gauge (1) projects from the filing gauge (2): Lower the depth gauge (1) with a file, [16.3](#).



- ▶ Make sure the wear marks (1 and 2) on the cutters are visible.
- ▶ If one of the wear marks is not visible on a cutter: Do not use your saw chain and contact a STIHL authorized dealer instead.
- ▶ Use a STIHL filing gauge to check that the filing angle is 30° on all cutters. The STIHL filing gauge must match the pitch of the saw chain.
- ▶ If the filing angle of 30° has not been maintained: Resharpener the saw chain.
- ▶ If you are unsure: Contact a STIHL authorized dealer.

10.4 Checking the chain guard

- ▶ Remove the batteries.



WARNING

- The saw chain's cutters are sharp. There is a risk of cutting oneself.
 - ▶ Wear work gloves made of robust material.
- ▶ Move chain guard upward and let it go. Chain guard springs back to its original position.
- ▶ If the chain guard is stiff or does not spring back to its original position: Do not use the garden pruner and instead contact your STIHL authorized dealer for assistance. The chain guard is defective.

10.5 Checking the controls

Lockout lever and trigger

- ▶ Remove the batteries.
- ▶ Try pressing the trigger without pressing the locking lever.
- ▶ If you can press the trigger: Do not use your garden pruner and instead contact a STIHL authorized dealer for assistance. The locking lever is defective.

- ▶ Press and hold the locking lever.
- ▶ Press and release the trigger.
- ▶ If the trigger is stiff or does not spring back to its idle position: Do not use the garden pruner and contact your STIHL dealer for assistance. The trigger has a malfunction.

Switching on the garden pruner

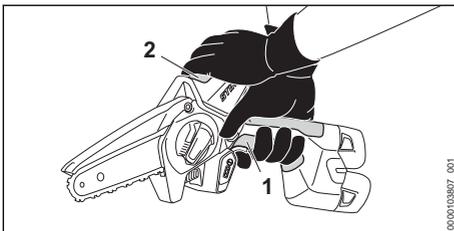
- ▶ Insert the batteries.
- ▶ Press and hold the locking lever.
- ▶ Press and hold the trigger. The saw chain runs.
- ▶ If a right LED flashes red: Remove the batteries and contact a STIHL authorized dealer for assistance. There is an error in the garden pruner or in at least one battery.
- ▶ Release the trigger. The saw chain stops running.
- ▶ If the saw chain continues to run: Remove the batteries and contact a STIHL authorized dealer for assistance. The garden pruner is defective.

10.6 Checking the battery

- ▶ Insert the battery in battery compartment 1.
- ▶ Press the pushbutton on the garden pruner. The LEDs light up or flash.
- ▶ Remove the battery and insert the other battery in battery compartment 1.
- ▶ Press the pushbutton on the garden pruner. The LEDs light up or flash.
- ▶ Insert both batteries.
- ▶ Press the pushbutton on the garden pruner. The LEDs light up or flash.
- ▶ If the LEDs do not light up or flash: Do not use the garden pruner or battery and contact a STIHL authorized dealer instead. There is an error in the garden pruner or battery.

11 Using the Garden Pruner

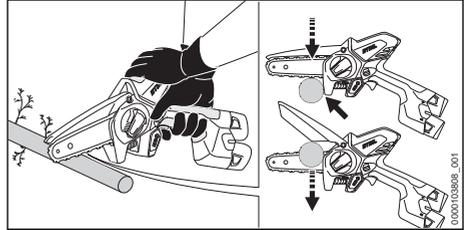
11.1 Holding and controlling the garden pruner



- ▶ Hold and control the garden pruner with one hand on the grip area (1) of the control handle so that your thumb wraps around the control handle.
- ▶ Hold and control the garden pruner with your other hand on the grip (2).

11.2 Cutting

- ▶ Start cutting with the chain running at full speed.



- ▶ Engage the stop and use it as a fulcrum.
- ▶ Continue cutting until guide bar is completely through the branch.
- ▶ Take the weight of the garden pruner at the end of the cut.
- ▶ Cut one branch at a time.

For optimal performance, note the recommended temperature ranges, [19.8](#).

12 After Finishing Work

12.1 After finishing your work

- ▶ Switch off the garden pruner and remove the batteries.
- ▶ If the garden pruner is wet: Allow the garden pruner to dry.
- ▶ If the battery is moist or wet: Allow the battery to dry, [19.8](#).
- ▶ Clean the garden pruner.
- ▶ Clean the guide bar and saw chain.
- ▶ Push the chain scabbard over the guide bar so that it completely covers the guide bar.
- ▶ Clean the battery.

13 Transporting

13.1 Transporting the garden pruner

- ▶ Switch off the garden pruner and remove the batteries.
- ▶ Push the chain scabbard over the guide bar so that it completely covers the guide bar.

Carrying the Garden Pruner

- ▶ Carry the garden pruner with one hand on the control handle with the guide bar pointing down.

Transporting the garden pruner in a car

- ▶ Transport the garden pruner in the supplied case.
- ▶ Secure the case so that it cannot tip over or move.
- ▶ If no case is supplied with the garden pruner: Secure the garden pruner so that it cannot tip over or move.

13.2 Transporting the battery

- ▶ Switch off the garden pruner and remove the batteries.
- ▶ Check that the battery is in a safe condition.
- ▶ Transport the battery in the case supplied.
- ▶ If no case is supplied with the battery: Pack the battery in packaging so that it cannot move.
- ▶ Secure the packaging so that it cannot move.

The battery is subject to the Carriage of Dangerous Goods regulations. The battery is classified as UN 3480 (lithium ion batteries) and has been tested pursuant to UN Manual Tests and Criteria Part III, Subsection 38.3.

The transport regulations can be found at www.stihl.com/safety-data-sheets.

13.3 Transporting the charger

- ▶ Disconnect the mains plug from the socket.
- ▶ Remove the batteries.
- ▶ Wind up the connecting cable and attach it to the charger.
- ▶ When transporting the charger in a vehicle:
 - ▶ Transport the charger in the supplied case.
 - ▶ Secure the case so that the case cannot tip over or move.
 - ▶ If no case is supplied with the charger: Secure the charger so it cannot tip over or move.

14 Storing

14.1 Storing the garden pruner

- ▶ Switch off the garden pruner and remove the batteries.
- ▶ Push the chain scabbard over the guide bar so that it completely covers the guide bar.
- ▶ Check the following points when storing the garden pruner:
 - The garden pruner cannot turn over or move.
 - The garden pruner is out of the reach of children.
 - The garden pruner is clean and dry.
 - The saw chain is lubricated.

14.2 Storing the battery

STIHL recommends storing the battery in a state of charge between 40% and 60%.

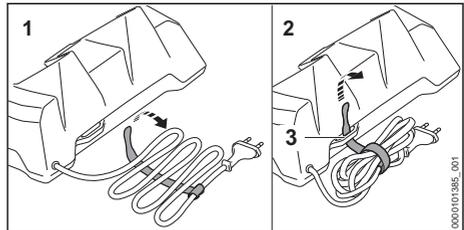
- ▶ The battery should be stored in such a way that the following conditions are met:
 - The battery is out of the reach of children.
 - The battery is clean and dry.
 - The battery is in an enclosed space.
 - Battery is stored separately from the garden pruner.
 - If the battery is stored in the charger, disconnect the mains plug and store the battery at a state of charge between 40% and 60%.
 - The battery is not stored outside of the specified temperature limits,  19.7.

NOTICE

- If the battery is not stored as described in this user manual, the battery may become deeply discharged and irreparably damaged.
 - ▶ Charge a discharged battery before storing it. STIHL recommends storing the battery in a state of charge between 40% and 60%.
 - ▶ Store the battery separately from the garden pruner.

14.3 Storing the charger

- ▶ Disconnect the mains plug from the socket.



- ▶ Wind up the connecting cable and attach it to the charger.
- ▶ Observe the following points when storing the charger:
 - Charger is out of the reach of children.
 - The charger is clean and dry.
 - Charger is in an enclosed space.
 - The charger is not suspended from the connecting cable or the holder (3) for the connecting cable.
 - The charger is not stored outside of the specified temperature limits,  19.7.

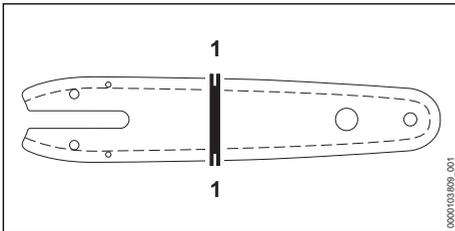
15 Cleaning

15.1 Cleaning the garden pruner

- ▶ Switch off the garden pruner and remove the batteries.
- ▶ Clean the garden pruner with a damp cloth or STIHL resin solvent.
- ▶ Clean vents with a paintbrush.
- ▶ Remove the chain sprocket cover.
- ▶ Remove the guide bar and saw chain.
- ▶ Clean the area around the chain sprocket with a damp cloth or STIHL resin solvent.
- ▶ Clean the area around the tensioner slide with a paint brush and a damp cloth or STIHL resin solvent.
- ▶ Remove foreign objects from the battery compartment and clean the battery compartment with a damp cloth.
- ▶ Use a paintbrush or soft brush to clean the electrical contacts in the battery compartment.
- ▶ Mount the guide bar and saw chain.
- ▶ Attach the chain sprocket cover.

15.2 Cleaning the guide bar and saw chain

- ▶ Switch off the garden pruner and remove the batteries.
- ▶ Remove the guide bar and saw chain.



- ▶ Clean the bar groove (1) with a soft brush or STIHL resin solvent.
- ▶ Clean the saw chain with a soft brush or STIHL resin solvent.
- ▶ Mount the guide bar and saw chain.
- ▶ Lubricate the saw chain.

15.3 Cleaning the Battery

- ▶ Clean the battery with a damp cloth.

15.4 Cleaning the Charger

- ▶ Disconnect the mains plug from the power supply.
- ▶ Clean the charger with a damp cloth.
- ▶ Clean the charger's electrical contacts with a paintbrush or a soft brush.

16 Maintenance

16.1 Maintenance intervals

Maintenance intervals depend on the ambient conditions and the operating conditions. STIHL recommends the following maintenance intervals:

Weekly

- ▶ Check the chain sprocket.
- ▶ Check and deburr the guide bar.
- ▶ Check and sharpen the saw chain.

16.2 Deburring the Guide Bar

A burr can build up on the outer edge of the guide bar.

- ▶ Remove burr with a flat file or a STIHL guide bar dressing tool.
- ▶ If you have any queries: Contact your STIHL servicing dealer.

16.3 Sharpening the Saw Chain

Correctly sharpening saw chains requires a lot of practice.

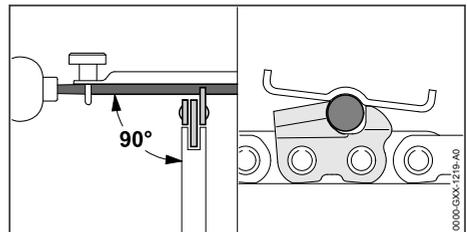
STIHL files, STIHL filing aids, STIHL sharpeners and the brochure "Sharpening STIHL Saw Chains" help you achieve the right results. To obtain the brochure visit <http://www.stihl.com/sharpening-brochure>.

STIHL recommends you have saw chains resharpened by a STIHL servicing dealer.

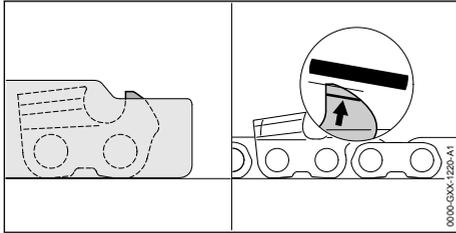


WARNING

- The chain's cutters are very sharp. There is a risk of cut injuries.
 - ▶ Wear work gloves made of durable material.



- ▶ File each cutter with a round file so that the following points are observed:
 - Round file matches the chain pitch.
 - File from the inside to the outside of the cutter.
 - Hold the file at right angle to the guide bar.
 - Maintain a filing angle of 30°.



- ▶ File down the depth gauges with a flat file so that they are level with the STIHL filing gauge and parallel to the service mark. The STIHL filing gauge must match the chain pitch.
- ▶ If you have any queries: Contact your STIHL servicing dealer for assistance.

17 Repairing

17.1 Repairing the Garden Pruner, Battery and Charger

The garden pruner, guide bar, saw chain, battery and charger are not user serviceable.

- ▶ If the garden pruner, guide bar or saw chain are damaged: Do not use your garden pruner,

18 Troubleshooting

18.1 Troubleshooting the garden pruner or battery

Error	LEDs on garden pruner	Cause	Remedy
Garden pruner does not run when switched on.	1 LED flashes green.	The state of charge of at least one battery is too low.	<ul style="list-style-type: none"> ▶ Insert the batteries one after the other in the battery compartment 1 and display the state of charge. ▶ Charge the battery.
	1 LED lights up steady red.	At least one battery is too hot or too cold.	<ul style="list-style-type: none"> ▶ Remove the batteries. ▶ Insert the batteries into the charger. If the LED on the battery compartment of the charger lights up red, the battery is too hot or too cold. ▶ Allow the battery to cool down or warm up.
	1 LED flashes red.	There is an error in the garden pruner.	<ul style="list-style-type: none"> ▶ Remove the batteries and insert them again. ▶ Switch on the garden pruner. ▶ If 1 LED continues to flash red: Do not use the garden pruner and instead contact a STIHL authorized dealer.
	1 LED lights up steady red.	The garden pruner is too hot.	<ul style="list-style-type: none"> ▶ Remove the batteries. ▶ Allow the garden pruner to cool down.
	1 LED flashes red.	There is an error in at least one battery.	<ul style="list-style-type: none"> ▶ Remove the batteries. ▶ Clean the electrical contacts in the battery compartment. ▶ Insert the batteries. ▶ Switch on the garden pruner. ▶ If 1 LED continues to flash red: Remove the batteries.

guide bar or saw chain, and contact your STIHL servicing dealer for assistance.

- ▶ If the battery has a malfunction or is damaged: Replace the battery.
- ▶ If the charger has a malfunction or is damaged: Replace the charger.
- ▶ If the connecting cable has a malfunction or is damaged: Do not use the charger and have connecting cable replaced by a STIHL servicing dealer.

Error	LEDs on garden pruner	Cause	Remedy
Garden pruner cuts out during operation.			<ul style="list-style-type: none"> ▶ Insert the batteries into the charger. If the LED on the battery compartment of the charger flashes red, there is a battery error. Do not use the battery and instead contact a STIHL authorized dealer.
	-	No electrical contact between garden pruner and batteries.	<ul style="list-style-type: none"> ▶ Remove the batteries. ▶ Clean the electrical contacts in the battery compartment. ▶ Insert the batteries.
	-	The garden pruner or batteries are damp.	▶ Allow the garden pruner or batteries to dry, 19.8 .
	-	The saw chain is jammed.	<ul style="list-style-type: none"> ▶ Remove the batteries. ▶ Clean the garden pruner, 15.1.
	-	The saw chain does not move.	<ul style="list-style-type: none"> ▶ Insert the batteries one after the other in the battery compartment 1 and display the state of charge. ▶ Charge the battery. ▶ Clean the garden pruner. ▶ Clean the guide bar and saw chain. ▶ Lubricate the saw chain.
	1 LED lights up steady red.	The garden pruner is too hot.	<ul style="list-style-type: none"> ▶ Remove the batteries. ▶ Allow the garden pruner to cool down.
	-	There is an electrical error.	<ul style="list-style-type: none"> ▶ Remove the batteries and insert them again. ▶ Switch on the garden pruner.
Cutting performance of garden pruner deteriorates.	1 LED flashes green.	The state of charge of at least one battery is too low.	<ul style="list-style-type: none"> ▶ Insert the batteries one after the other in the battery compartment 1 and display the state of charge. ▶ Charge the battery.
	-	The saw chain has not been correctly sharpened.	▶ Sharpen saw chain as specified.
	-	The saw chain is over-tensioned.	▶ Tension the saw chain as specified.
	-	Insufficient chain lubrication.	▶ Lubricate the saw chain.
The garden pruner runtime is too short.	-	At least one battery is not fully charged.	<ul style="list-style-type: none"> ▶ Insert the batteries one after the other in the battery compartment 1 and display the state of charge. ▶ Fully charge the battery.
	-	The service life of at least one battery has expired.	▶ Replace the battery.

18.2 Troubleshooting the Charger

Fault	LED on Charger	Cause	Remedy
Battery not being charged.	One LED glows red.	The battery is too warm or too cold.	▶ Leave battery inserted in charger. Charging starts automatically as soon as the permitted temperature range is reached.
	The LED flashes red.	No electrical contact between charger and battery.	<ul style="list-style-type: none"> ▶ Remove the battery. ▶ Clean contacts on charger. ▶ Insert battery.

Fault	LED on Charger	Cause	Remedy
		There is a malfunction in the charger.	▶ Do not use the charger and contact your STIHL dealer for assistance.
		There is a fault in the battery.	▶ Do not use the battery. Consult a STIHL dealer.
The charger does not run a self test.	The LED glows green for about 1 second and then red for about 1 second.	Electrical contact to charger was briefly interrupted.	<ul style="list-style-type: none"> ▶ Disconnect the mains plug from the power supply. ▶ Wait for 1 minute. ▶ Insert the mains plug in a wall outlet.

19 Specifications

19.1 STIHL GTA 30.0 Garden Pruner

- Approved battery: STIHL AS
- Weight without battery, with guide bar and saw chain: 1.5 kg

For runtime, see www.stihl.com/battery-life.

19.2 Chain Sprockets

The following chain sprockets may be used:

- 6-tooth for 1/4" P
- Maximum chain speed: 8.0 m/s

19.3 Minimum groove depth of guide bars

The minimum groove depth depends on the pitch of the guide bar.

- 1/4" P 4 mm

19.4 STIHL AS Battery

- Battery Technology: Lithium-ion
- Voltage: 10.8 V
- Capacity in Ah: see rating label
- Energy content in Wh: see rating label
- Weight in kg: see rating label

19.5 STIHL AL 5-2 Charger

- Rated voltage: see rating plate
- Frequency: see rating plate
- Rated power: see rating plate
- Charging current: See rating plate
- Maximum energy content of approved STIHL AS battery: 12.5 Ah

For charging times, see www.stihl.com/charging-times.

19.6 Extension Cords

If an extension cord is used, the cross sectional area of its conductors must meet the following

minimum requirements – depending on the line voltage and length of the extension cord:

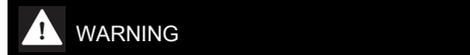
If rated voltage on the rating label is 220V to 240V:

- Cord length up to 20 m: AWG 15 / 1.5 mm²
- Cord length 20 m up to 50 m: AWG 13 / 2.5 mm²

If rated voltage on the rating label is 100V to 127V:

- Cord length up to 10 m: AWG 14 / 2.0 mm²
- Cord length 10 m up to 30 m: AWG 12 / 3.5 mm²

19.7 Temperature limits



WARNING

- The battery is not protected against all ambient conditions. If the battery is exposed to certain environmental conditions, it may catch fire or explode. This may result in serious injury to people and damage to property.
 - ▶ Do not charge the battery below -20°C or above 50°C.
 - ▶ Do not use the garden pruner, battery or charger below -20 °C or above +50 °C.
 - ▶ Do not store the garden pruner, battery or charger below -20°C or above +70°C.

19.8 Recommended temperature ranges

For optimum performance of the garden pruner, batteries and charger, observe the following temperature ranges:

- Charging: 5°C to 40°C
- Use: - 10 °C to + 40 °C
- Storage: - 20 °C to + 50 °C

If the battery is charged, used or stored outside the recommended temperature ranges, performance may be reduced.

If the battery is wet or damp, allow the battery to dry for at least 48 h between 15°C and 50°C and with less than 70% humidity. Higher humidity may extend the drying time.

19.9 Sound and vibration values

The K-value for the sound pressure level is 2 dB(A). The K value for the sound power level is 2 dB(A). The K value for the vibration level is 2 m/s².

STIHL recommends wearing hearing protection.

- Sound pressure level L_{pA} measured according to EN 62841-4-1: 80 dB(A)
- Sound power level L_{WA} measured as specified in EN 62841-4-1: 88 dB(A)
- Vibration level a_{hv} measured according to EN 62841-4-1:
 - Control handle: 2.1 m/s²
 - Grip: 2.9 m/s²

The sound and vibration values indicated were measured according to a standardized test

method and can be used as a basis for comparing electric power tools. The actual sound and vibration levels may vary from the values indicated, depending on the type of application and the accessories used. The sound and vibration levels indicated can be used for an initial estimate of the sound and vibration load. The actual sound and vibration stress has to be estimated. The times can be taken into account in the estimate when the electric power tool is switched off and also when it is switched on but running without any load.

For information on compliance with the Physical Agents (Vibration) Directive 2002/44/EC, see www.stihl.com/vib.

19.10 REACH

REACH is an EC regulation and stands for the Registration, Evaluation, Authorisation and Restriction of Chemical substances.

For information on compliance with the REACH regulation see www.stihl.com/reach.

20 Bar and Chain Combinations

20.1 STIHL GTA 30.0 Garden Pruner

Pitch	Drive link gauge/groove width	Length	Guide bar	Number of teeth, sprocket nose	Number of drive links	Saw chain
1/4" P	1.1 mm	15 cm	Light 01	8	38	71 PM3 (model 3670)

The cutting length of a guide bar depends on the garden pruner used and the saw chain. The actual cutting length of a guide bar may be less than the specified length.

21 Spare Parts and Accessories

21.1 Spare parts and accessories

STIHL  These symbols indicate original STIHL spare parts and original STIHL accessories.

STIHL recommends the use of original STIHL spare parts and accessories.

Despite ongoing market observation, STIHL is unable to judge the reliability, safety and suitability of other manufacturers' spare parts and accessories; accordingly, STIHL cannot warrant for the use of those parts.

Original STIHL spare parts and original STIHL accessories are available from STIHL dealers.

22 Disposal

22.1 Disposing of Garden Pruner, Battery and Charger

Contact the local authorities or your STIHL dealer for information on disposal.

Improper disposal can be harmful to health and pollute the environment.

- ▶ Take STIHL products including packaging to a suitable collection point for recycling in accordance with local regulations.
- ▶ Do not dispose with domestic waste.

23 EC Declaration of Conformity

23.1 STIHL GTA 30.0 Garden Pruner

ANDREAS STIHL AG & Co. KG
Badstraße 115
D-71336 Waiblingen
Germany

declare under our sole responsibility that

- Designation: battery pruner
- Manufacturer's brand: STIHL
- Model: GTA 30.0
- Serial identification number: GA05

conforms to the relevant provisions of Directives 2011/65/EU, 2006/42/EC, 2014/30/EU and 2000/14/EC and has been developed and manufactured in compliance with the following standards in the versions valid on the date of production: EN 55014-1, EN 55014-2, EN 62841-1, CNB/M/01.093.

The EC type examination test was carried out pursuant to Directive 2006/42/EC, Art. 12.4(a) at: VDE Prüf- u. Zertifizierungsinstitut (NB 0366), Merianstraße 28, 63069 Offenbach, Germany
– Certification number: 40059958

The measured and guaranteed equivalent sound power level has been determined in accordance with Directive 2000/14/EC, Annex V.

- Measured sound power level: 89 dB(A)
- Guaranteed sound power level: 91 dB(A)

The technical documents are stored at ANDREAS STIHL AG & Co. KG Produktzulassung.

The year of manufacture, country of manufacture and serial number are indicated on the garden pruner.

Waiblingen, 30.05.2025

ANDREAS STIHL AG & Co. KG

pp 

Robert Olma, Vice President, Regulatory Affairs & Global Governmental Relations

24 Addresses

www.stihl.com

25 General Power Tool Safety Warnings

25.1 Introduction

This chapter reproduces the pre-formulated, general safety precautions specified in the IEC 62841 standard for hand-held motor-operated electric tools.

STIHL is obliged to publish these texts.

The safety precautions and warnings on avoiding an electric shock given under "Electrical Safety" do not apply to STIHL cordless products.



WARNING

- **Read all safety warnings, instructions, illustrations and specifications provided with this power tool.** Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. **Save all warnings and instructions for future reference.**

The term "electric power tool" in the safety warnings refers to mains-operated (corded) power tools or battery-operated (cordless) power tools.

25.2 Work area safety

- a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

25.3 Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.
- h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

25.5 Power tool use and care

- a) **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
 - b) **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
 - c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
 - d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
 - e) **Maintain power tools and accessories.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
 - f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
 - g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
 - h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.
- ## 25.4 Personal safety
- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
 - b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
 - c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
 - d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
 - e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
 - f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
 - g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

25.6 Battery tool use and care

- a) **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.
 - b) **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
 - c) **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
 - d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
 - e) **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
 - f) **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
 - g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.
- b) **Always hold the garden pruner with one hand on the rear handle and the other hand on the auxiliary handle.**
 - c) **Hold the garden pruner by insulated gripping surfaces only, because the saw chain may contact hidden wiring or its own cord.** Saw chains contacting a "live" wire may make exposed metal parts of the garden pruner "live" and could give the operator an electric shock.
 - d) **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.
 - e) **Do not operate a garden pruner in a tree, on a ladder, from a rooftop, or any unstable support.** Operation of a garden pruner in this manner could result in serious personal injury.
 - f) **Always keep proper footing and operate the garden pruner only when standing on a fixed, secure and level surface.** Slippery or unstable surfaces may cause a loss of balance or control of the garden pruner.
 - g) **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 garden pruner out of control.
 - h) **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.
 - i) **Carry the garden pruner with the garden pruner switched off and away from your body. When transporting or storing the garden pruner, always fit the guide bar cover.** Proper handling of the garden pruner will reduce the likelihood of accidental contact with the moving saw chain.
 - j) **Follow the instructions for lubricating, chain tensioning and changing the bar and chain.** Improperly tensioned or lubricated garden pruner may either break or increase the chance for injury.

25.7 Service

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

25.8 Garden Pruner Safety Warnings

General Garden Pruner Safety Warnings

- a) **Keep all parts of your body away from the saw chain when the garden pruner is operating. Before you start the garden pruner,**

- k) **Cut wood only. Do not use garden pruner for purposes not intended. For example: do not use garden pruner for cutting metal, plastic, masonry or non-wood building materials.** Use of the garden pruner for operations different than intended could result in a hazardous situation.
- l) **This garden pruner is not intended for tree felling.** Use of the garden pruner for operations different than intended could result in serious injury to the operator or bystanders.
- m) **Follow all instructions when clearing jammed material, storing or servicing the garden pruner. Make sure the switch is off and the battery pack is removed.** Unexpected actuation of the garden pruner while clearing jammed material or servicing may result in serious personal injury.

25.9 Causes and operator prevention of kickback

- a) **Maintain a firm grip, with thumbs and fingers encircling the garden pruner handles, with both hands on the garden pruner 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 let go of the garden pruner.
- b) **Do not overreach and do not cut above shoulder height.** This helps prevent unintended tip contact and enables better control of the garden pruner in unexpected situations.
- c) **Only use replacement guide bars and chains specified by the manufacturer.** Incorrect replacement guide bars and saw chains may cause chain breakage and/or kickback.
- d) **Follow the manufacturer's sharpening and maintenance instructions for the saw chain.** Decreasing the depth gauges height can lead to increased kickback.

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