

ASA 130.0, 140.0

STIHL



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27.6 Verwendung und Behandlung des Akkuwerkzeugs

- a) **Laden Sie die Akkus nur mit Ladegeräten auf, die vom Hersteller empfohlen werden.**
Durch ein Ladegerät, das für eine bestimmte Art von Akkus geeignet ist, besteht Brandgefahr, wenn es mit anderen Akkus verwendet wird.
- b) **Verwenden Sie nur die dafür vorgesehenen Akkus in den Elektrowerkzeugen.** Der Gebrauch von anderen Akkus kann zu Verletzungen und Brandgefahr führen.
- c) **Halten Sie den nicht benutzten Akku fern von Büroklammern, Münzen, Schlüsseln, Nägeln, Schrauben oder anderen kleinen Metallgegenständen, die eine Überbrückung der Kontakte verursachen könnten.** Ein Kurzschluss zwischen den Akkukontakten kann Verbrennungen oder Feuer zur Folge haben.
- d) **Bei falscher Anwendung kann Flüssigkeit aus dem Akku austreten.** Vermeiden Sie den Kontakt damit. Bei zufälligem Kontakt mit Wasser abspülen. Wenn die Flüssigkeit in die Augen kommt, nehmen Sie zusätzlich ärztliche Hilfe in Anspruch. Austretende Akkuflüssigkeit kann zu Hautreizungen oder Verbrennungen führen.
- e) **Benutzen Sie keinen beschädigten oder veränderten Akku.** Beschädigte oder veränderte Akkus können sich unvorhersehbar verhalten und zu Feuer, Explosion oder Verletzungsgefahr führen.
- f) **Setzen Sie einen Akku keinem Feuer oder zu hohen Temperaturen aus.** Feuer oder Temperaturen über 130 °C (265 °F) können eine Explosion hervorrufen.
- g) **Befolgen Sie alle Anweisungen zum Laden und laden Sie den Akku oder das Akkuwerkzeug niemals außerhalb des in der Betriebsanleitung angegebenen Temperaturbereichs.** Falsches Laden oder Laden außerhalb des zugelassenen Temperaturbereichs kann den Akku zerstören und die Brandgefahr erhöhen.

27.7 Service

- a) **Lassen Sie Ihr Elektrowerkzeug nur von qualifiziertem Fachpersonal und nur mit Original-Ersatzteilen reparieren.** Damit wird sichergestellt, dass die Sicherheit des Elektrowerkzeugs erhalten bleibt.
- b) **Warten Sie niemals beschädigte Akkus.** Sämtliche Wartung von Akkus sollte nur

durch den Hersteller oder bevollmächtigte Kundendienststellen erfolgen.

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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.

N. & S. Stihl

Dr. Nikolas Stihl

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

2 Guide to Using this Manual

2.1 Applicable documents

The local safety regulations apply.

- ▶ In addition to this User Manual, you should also read, understand and retain the following documents:
 - Safety instructions and precautions for STIHL AP battery
 - User Manual for STIHL AL 101, 301, 301-4, 501 chargers
 - Safety information for STIHL batteries and products with built-in battery:
www.stihl.com/safety-data-sheets

For further information on STIHL connected, compatible products and FAQs, please visit www.connect.stihl.com or available from a STIHL authorized dealer.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. These word marks and logos are used by STIHL under license.

Batteries with  are equipped with a Bluetooth® radio interface. Local operating restrictions (in aircraft or hospitals, for example) must be complied with.

2.2 Symbols used with warnings in the text



WARNING

- This symbol indicates dangers that can cause serious injuries or death.
 - ▶ The measures indicated can avoid serious injuries or death.

NOTICE

- This symbol indicates dangers that can cause damage to property.
 - ▶ The measures indicated can avoid damage to property.

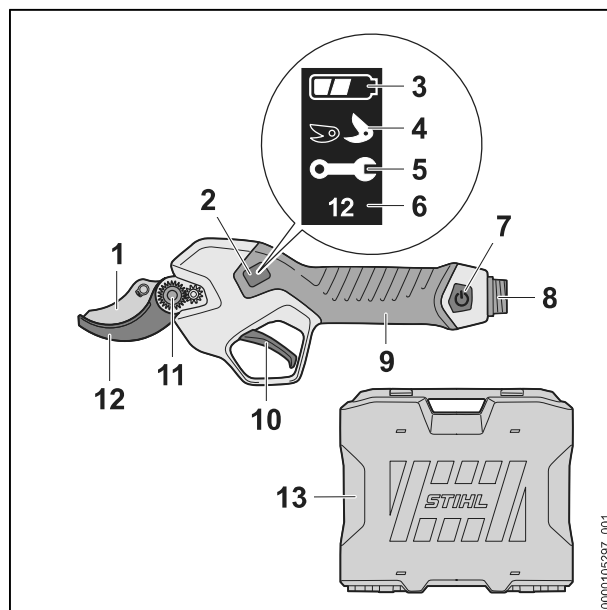
2.3 Symbols in Text



This symbol refers to a chapter in this instruction manual.

3 Overview

3.1 Pruning shears



1 Cutting blade

The cutting blade cuts the branch.

2 Display

The display shows information and errors.

3 Display

The display shows the state of charge of the battery.

4 Display

The display shows the configured opening width of the blade.

5 Display

The display indicates the maintenance to be performed.

6 Display of number of cuts

The display shows the total number of cuts and the current cuts.

7 Pushbutton

The pushbutton switches the pruning shears on and off.

8 Socket

The socket is used to plug in the connecting cable plug.

9 Control handle

The control handle is used to operate, hold and guide the pruning shears.

10 Trigger

The trigger opens and closes the cutting blade.

11 Adjusting nut

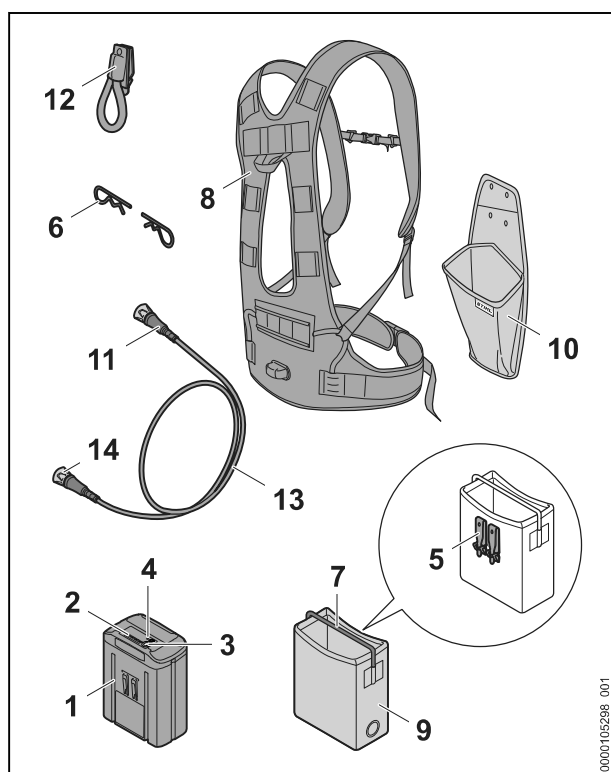
The adjusting nut is used to adjust the cutting blade.

12 Anvil blade

The anvil blade is used as a support for the branch.

13 Case

The case is used for transporting and storing the pruning shears, battery, battery pouch and accessories.

Rating plate with machine number**3.2 Carrying system and battery****1 Battery**

The battery supplies power to the pruning shears.

2 LEDs

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

3 Button

The pushbutton activates the LEDs on the battery. It activates and deactivates the Bluetooth® interface (if available).

4 "BLUETOOTH"® LED (only for batteries with)

The LED indicates whether the Bluetooth® radio interface is activated or deactivated.

5 Metal clip

The metal clips secure the battery pouch to the carrying system.

6 Hitch pin

Insert the hitch pins into the clips to prevent the battery pouch from becoming accidentally unhooked.

7 Tension belt

The tension belt secures the battery in the battery pouch.

8 Carrying system

The carrying system accommodates the battery pouch and the holster and secures the connecting cable.

9 Battery pouch

The battery pouch accommodates the battery.

10 ADVANCE X-Flex holster

The holster accommodates the pruning shears during transport and storage.

11 Connecting cable plug

The connecting cable plug connects the battery pouch to the connecting cable.

12 ADVANCE X-Flex cable guides

The cable guides secure the connecting cable to the carrying system.

13 Connecting cable

The connecting cable connects the pruning shears to the battery pouch.

14 Connecting cable plug

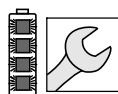
The connecting cable plug connects the pruning shears to the connecting cable.

Rating plate with serial number**3.3 Symbols**

Meanings of symbols that may be on the pruning shears, carrying system and battery:



1 LED lights up steady red. The battery is too warm or too cold.



4 LEDs flash red. There is an error in the battery.



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

 Recharge this battery with a STIHL charger. The permissible chargers are listed in these safety instructions.

 The battery is equipped with a Bluetooth® radio interface and can be paired with the STIHL connected app.

 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.

 Do not dispose of the product with domestic waste.

4 Safety Precautions

4.1 Warning symbols

Meanings of warning signs on the pruning shears:

 Follow the safety instructions and take the necessary precautions.

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

 Do not touch the moving cutting blade.

 Disconnect the connecting cable plug from the socket during work breaks, transport, storage, cleaning, maintenance or repair and remove the battery.

 Protect the battery against heat and fire.

 Do not immerse the battery in liquids.

4.2 Intended Use

STIHL ASA 130.0 or ASA 140.0 pruning shears are used in vineyards, orchards or for landscaping for cutting trees, shrubs, bushes, ornamental plants, grapevines and similar woody shrubs with a maximum stem diameter of up to:

- ASA 130.0: 35 mm
- ASA 140.0: 45 mm

The pruning shears can be used in the rain.

A STIHL AP battery supplies the pruning shears with power.

The battery with  in combination with the STIHL connected app enables customization and the transfer of information to the battery based on Bluetooth® technology.

WARNING

- Batteries not explicitly approved for the pruning shears by STIHL may cause a fire or explosion. Persons may be seriously or fatally injured, and property may be damaged.
 - ▶ Use the pruning shears with a STIHL AP battery.
- Using the pruning shears or the battery for purposes for which they were not designed may result in serious or fatal injuries and damage to property.
 - ▶ Use the pruning shears as described in this User Manual.
 - ▶ Use the battery as described in this User Manual, the STIHL connected app and at www.connect.stihl.com.

4.3 Requirements for the user

WARNING

- Users without adequate training or instruction cannot recognize or assess the risks involved in using the pruning shears and battery. 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 the pruning shears or battery are passed on to another person: Always give them the User Manual.
- ▶ Make sure that the user meets the following conditions:
 - The user is rested.
 - The user must have the physical, sensory and mental ability to operate and work with the pruning shears and battery. If the user is able to operate the machine but has physical, sensory or mental limitations, the user may only work with the machine 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 pruning shears and battery.
 - 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 expert before working with the pruning shears 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

- Objects can be thrown at high speed during operation. This may result in injury to the user.
 - ▶ Wear close-fitting safety glasses. Suitable protective glasses tested in accordance with European standard EN 166, EN ISO 16321 or in accordance with national standards and bearing the corresponding label are available from retailers.
 - ▶ Wear a long-sleeved, close-fitting top and long pants.
- Inappropriate clothing can snag on wood, brush or the pruning shears. Users not wearing suitable clothing may be seriously injured.
 - ▶ Wear close-fitting clothing.
 - ▶ Remove scarves and jewelry.
 - ▶ Tie up and secure long hair above your shoulders.
- The user can come into contact with the cutting blade during cleaning and maintenance work. This may result in injury to the user.
 - ▶ Wear work gloves made of robust material.
- Wearing unsuitable footwear may cause the user to slip. This may result in injury to the user.
 - ▶ Wear sturdy, closed-toed footwear with non-slip soles.

4.5 Work Area and Surroundings

4.5.1 Pruning shears

⚠ WARNING

- Bystanders, children and animals are not aware of the dangers of the pruning shears or flying debris. This may result in serious injury to bystanders, children and animals and damage to property.
 - ▶ Keep bystanders, children and animals away from the working area.
 - ▶ Do not leave the pruning shears unattended.
 - ▶ Make sure that children cannot play with the pruning shears.

- Electrical components of the pruning shears can produce sparks. Sparks may cause fires and explosions in highly flammable or explosive environments. Persons may be seriously or fatally injured, and property may be damaged.
 - ▶ Do not work in a highly flammable 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, 21.3.



- ▶ 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 from chemicals and salts.

4.6 Safe Condition

4.6.1 Pruning shears

The pruning shears are in a safe condition if the following conditions are met:

- The pruning shears are not damaged.
- The pruning shears are clean and dry.
- The controls are working properly and have not been modified.
- Original STIHL accessories designed for these pruning shears are installed.
- The accessories are correctly installed.

WARNING

- If not in safe condition, components may no longer operate correctly and safety devices may be rendered ineffective. Persons may be seriously injured or killed.
 - ▶ Work only with undamaged pruning shears.
 - ▶ If the pruning shears are dirty or wet: Clean the pruning shears and allow them to dry.
 - ▶ Do not modify the pruning shears.
 - ▶ If the controls do not function properly: Do not use your pruning shears.
 - ▶ Install original STIHL accessories designed for these pruning shears.
 - ▶ Install accessories as described in this User Manual or in the User Manual for the accessories.
 - ▶ Never insert objects into the openings of the pruning shears.
 - ▶ Replace worn or damaged warning signs.
 - ▶ If you are unsure: Contact a STIHL authorized dealer.

4.6.2 Cutting and anvil blades

The cutting and anvil blades are in a safe condition if the following conditions are met:

- The cutting and anvil blades are not damaged.
- The cutting and anvil blades are not warped.
- The cutting and anvil blades move freely.
- The play between the cutting and anvil blades is correctly adjusted.
- The cutting and anvil blades are lubricated.
- The cutting and anvil blades are correctly installed.
- The cutting blade is properly sharpened.
- The cutting blade is free from burrs.

WARNING

- Parts of the cutting blade or anvil blade may come off and be ejected at high speed if they are in an unsafe condition. People may suffer serious injuries as a result.
 - ▶ Always work with undamaged, warp-free and smoothly working cutting and anvil blades.
 - ▶ Correctly adjust the play between the cutting and anvil blades.
 - ▶ Correctly lubricate the cutting and anvil blades.
 - ▶ Install the cutting and anvil blades correctly.
 - ▶ Make sure the cutting blade is correctly sharpened and deburred. If the cutting blade cannot be sharpened and deburred: Replace the cutting blade.
 - ▶ If you are unsure: Contact a STIHL authorized dealer.

4.6.3 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,  21.4.
 - ▶ 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.

4.7 Working

WARNING

- Always work within calling distance of others so that you can summon help in an emergency.
 - ▶ Make sure that people are within earshot outside the working area.
- In certain situations, the user may no longer be able to concentrate on their work. This may

result in the user stumbling, falling and suffering serious injury.

- ▶ Work calmly and methodically.
- ▶ If light conditions and visibility are poor: Do not use the pruning shears.
- ▶ Operate the pruning shears alone.
- ▶ Do not work above shoulder height.
- ▶ Watch out for obstacles.
- ▶ Work standing on the ground and keep your balance. If you have to work at a height: Use a mobile elevating work platform or a secure scaffolding.
- ▶ If you start feeling fatigue: Take a break.
- The cutting blade can be damaged if it makes contact with a hard object.
 - ▶ Before starting work, check the work area for hard objects and remove them.
 - ▶ Do not cut into wire.
- The moving cutting blade can seriously injure the user.


 - ▶ Keep your free hand at least 40 cm away from the cutting blade.
 - ▶ Never touch the cutting blade.
 - ▶ Before changing a work location, close the cutting blade.
 - ▶ If the pruning shears are briefly put down: Switch off the pruning shears.
- If the behavior of the pruning shears changes during operation or feels unusual, they may no longer be in a safe condition. This may result in serious injury to people and damage to property.
 - ▶ Stop your work, remove the battery, detach the connecting cable plug from the socket and contact a STIHL authorized dealer.
- Vibrations may occur while using the pruning shears.
 - ▶ Wear gloves.
 - ▶ Take breaks.
 - ▶ If signs of a circulatory disorder occur: Consult a doctor.
- In an emergency, the user may start to panic and forget to take off the carrying system. This may result in serious injury to the user.
 - ▶ Practice taking off the carrying system.

⚠ DANGER

- Working near live electric cables can result in accidental contact with the cutting blade and damage the cables. This may result in serious or fatal injury to the user.
 - ▶ Do not carry out any work near live wires.

4.8 Transporting

4.8.1 Pruning shears

⚠ WARNING

- The pruning shears may tip over or shift during transport. People may be injured or property may be damaged.
 - ▶ Close the cutting blade and switch off the pruning shears.
- 
 - ▶ Remove the battery.
 - ▶ Pull the connecting cable plug out of the socket.
- ▶ Transport the pruning shears in the case supplied.
 - ▶ If the scope of delivery does not include a case: Insert the pruning shears into the holster until it fully covers the cutting blade. Secure the pruning shears with lashing straps, belts or a net to prevent it from tipping over and moving around.

4.8.2 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.

4.9 Storing

4.9.1 Pruning shears

⚠ WARNING

- Children are not aware of and cannot assess the dangers of the pruning shears. Children may be seriously injured.
 - ▶ Close the cutting blade and switch off the pruning shears.
- 
 - ▶ Remove the battery.
 - ▶ Pull the connecting cable plug out of the socket.
- ▶ Store the pruning shears out of the reach of children.

- ▶ Store the pruning shears in the case supplied.
- Dampness can corrode the electrical contacts on the pruning shears and metal components. This can damage the pruning shears.
 - ▶ Close the cutting blade and switch off the pruning shears.



- ▶ Remove the battery.
- ▶ Pull the connecting cable plug out of the socket.

- ▶ Store the pruning shears in a clean and dry condition.
- ▶ Store the pruning shears in the case supplied.

4.9.2 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 product.
 - ▶ 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% (2 lit green LEDs).
 - ▶ Do not store the battery outside of the specified temperature limits, 21.3.

4.10 Cleaning, maintenance and repair

⚠ WARNING

- The pruning shears may start unintentionally if the connecting cable plug or the battery remain inserted during cleaning, maintenance or repair operations. This may result in serious injury to people and damage to property.



- ▶ Remove the battery.
- ▶ Pull the connecting cable plug out of the socket.

- Harsh cleaning agents, cleaning with a water jet or pointed objects can damage the pruning shears, cutting blade, anvil blade, battery or

charger. If the pruning shears, cutting blade, anvil blade, 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 pruning shears, cutting blade, anvil blade and battery as described in this User Manual.
- If the pruning shears, cutting blade, anvil blade or battery are not serviced or repaired correctly, components may no longer function properly or safety devices may be rendered inoperative. Persons may be seriously injured or killed.
 - ▶ Service or repair the cutting blade and anvil blade as described in this User Manual.
 - ▶ Do not attempt to service or repair the pruning shears or the battery.
 - ▶ If the pruning shears or the battery require servicing or repairs: Contact a STIHL authorized dealer for assistance.
- The user can be cut by the sharp cutting edge while cleaning or servicing the cutting blade or anvil blade. This may result in injury to the user.
 - ▶ Wear work gloves made of robust material.

5 Preparing Pruning Shears for Operation

5.1 Preparing the pruning shears for operation

The following steps must be performed before commencing work:

- ▶ Ensure that the following components are in a safe condition:
 - Pruning shears, 4.6.1.
 - Cutting and anvil blades, 4.6.2.
 - Battery, 4.6.3.
- ▶ Check the battery, 12.2.
- ▶ Fully charge battery as described in the User Manual for the STIHL AL 101, 301, 301-4, 501 chargers.
- ▶ Clean the pruning shears, 17.1.
- ▶ Attach the holster and pouch, 8.
- ▶ Put on and adjust the carrying system, 9.1.1.
- ▶ Check the controls, 12.1.
- ▶ If you cannot carry out this work: Do not use the pruning shears and instead contact a STIHL authorized dealer for assistance.

The following steps have to be performed after 20000 cuts with new pruning shears, a new cutting or anvil blade:

- Adjust the play between the cutting and anvil blades.
- Sharpen the cutting blade.

5.2 Connecting a battery with Bluetooth® radio interface with the STIHL connected app

- Activate the Bluetooth® radio interface on the mobile device.
- Activating the Bluetooth® radio interface on the battery,  7.1.
- Download the STIHL connected app to the mobile device from the App Store and create an account.
- Open and sign in to the STIHL connected app.
- Add the battery in the STIHL connected app and follow the instructions on the screen.

For contacts and other information, please visit <https://support.stihl.com> or see the STIHL connected app.

The STIHL connected app is available internationally.

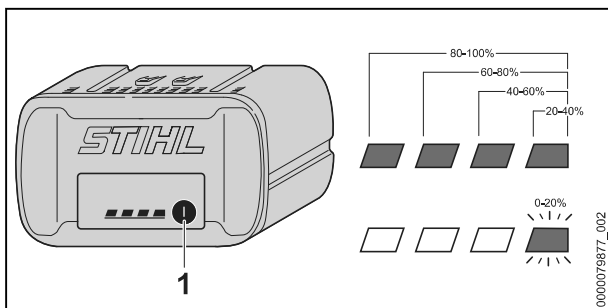
6 Charging the Battery, LEDs

6.1 Charging the battery

The charging time depends on various factors, e.g. the battery temperature or the ambient temperature. For optimal performance, note the recommended temperature ranges,  21.4. The actual charging time may vary from the charging time indicated. The charging time is indicated at www.stihl.com/charging-times.

- Recharge the battery as described in the User Manual for STIHL AL 101, 301, 301-4, 501 chargers.

6.2 Displaying the charge level



- Press the button (1).
The LEDs light up green for about 5 seconds and indicate the state of charge.

- If the LED on the right flashes green: Charge the battery.

6.3 LEDs on the battery

The LEDs can indicate the state of charge of the battery or any faults. 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 the LEDs light up red or flash red: Troubleshooting,  20.
There is an error in the pruning shears or battery.

7 Activating and Deactivating Bluetooth® Radio Interface

7.1 Activating the Bluetooth® Radio Interface

- If the battery has a Bluetooth® radio interface: Press and hold the pushbutton until the "BLUETOOTH®" LED next to the  symbol lights up blue for approximately 3 seconds. The Bluetooth® radio interface on the battery is activated.

7.2 Deactivating the Bluetooth® Radio Interface

- If the battery has a Bluetooth® radio interface: Press and hold the pushbutton until the "BLUETOOTH®" LED next to the  symbol lights up blue six times. The Bluetooth® radio interface on the battery is deactivated.

7.3 Reset battery to the factory setting via a Bluetooth® radio interface (AP 200.0 S, 300 S, 300.0 S, 500.0 S only)

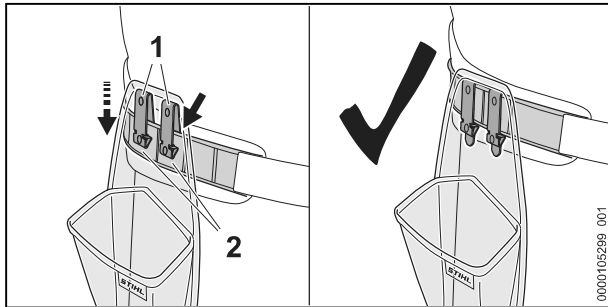
Resetting the battery to the factory setting means that all user-specific data will be deleted.

- Press the pushbutton four (4) times in quick succession and keep it pressed on the fourth time until the "BLUETOOTH®" LED next to the  symbol flashes blue.
- Then release the pushbutton immediately.
- Connect the battery to the STIHL connected app and check whether all user-specific data has been deleted.

8 Assembling the Pruning Shears

8.1 Attaching the holster

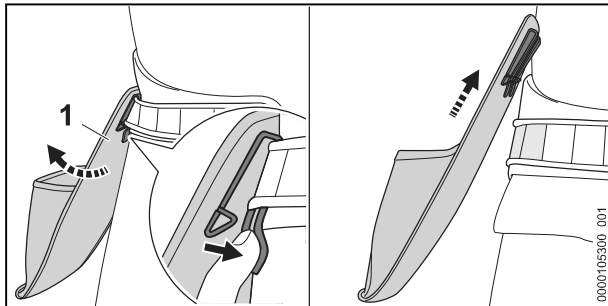
The holster can be attached either on the left or right side of the carrying system. The holster must be fitted on the side on which the user is holding the pruning shears.



- Insert the clips (1) as far as possible into the rings (2) on the carrying system until the clips (1) snap into place.

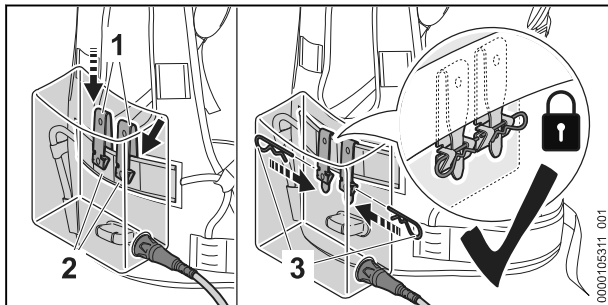
8.2 Removing the holster

- Switch off the pruning shears.
- Remove the battery.
- Pull the connecting cable plug out of the pruning shears.



- Swing the holster (1) outward.
- Pull off the holster upward.

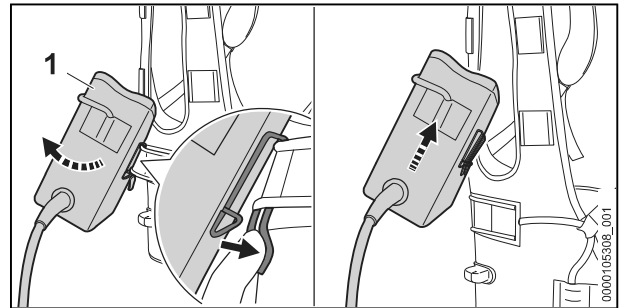
8.3 Attach the battery pouch



- Push the clips (1) as far as possible into the rings (2) on the back of the carrying system until the clips (1) snap into place.
- Insert the hitch pin (3) into the clips. The hitch pins (3) lock the clips.

8.4 Removing the battery pouch

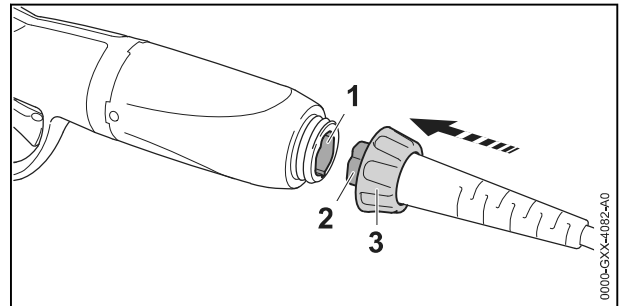
- Switch off the pruning shears.
- Remove the battery.
- Pull the connecting cable plug out of the pruning shears.
- Remove the hitch pins from the clips.



- Swing the battery pouch (1) outward.
- Pull the battery pouch (1) upward.

8.5 Inserting and Removing Connecting Cable Plug

8.5.1 Plugging in the connecting cable plug



- Insert the connecting cable plug (2) into the socket (1).
- Turn the union nut (3) onto the socket's thread (1) by hand and firmly tighten it.

8.5.2 Removing the connecting cable plug

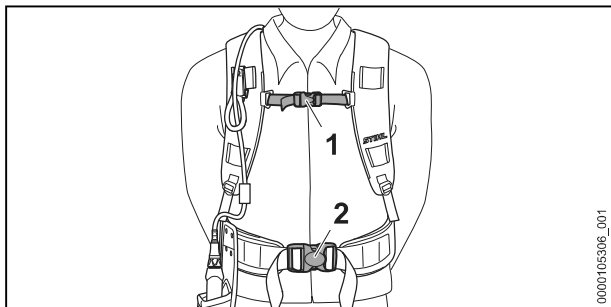
- Unscrew the union nut.
- Grip the connecting cable plug with your hand.
- Pull the connecting cable plug out of the socket.

9 Adjusting Pruning Shears for User

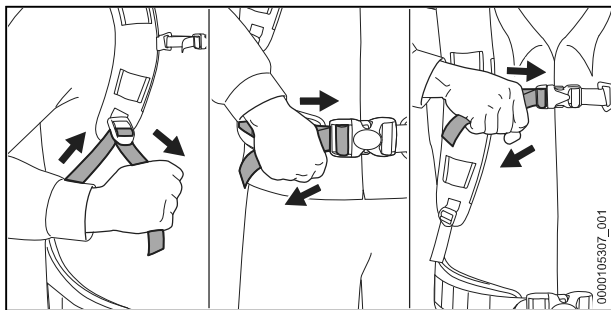
9.1 Fitting and Removing Harness

9.1.1 Putting on and adjusting the carrying system

- Put the carrying system on your back.



- ▶ Close the buckle (2) on the waist belt.
- ▶ Close the buckle (1) on the chest strap.



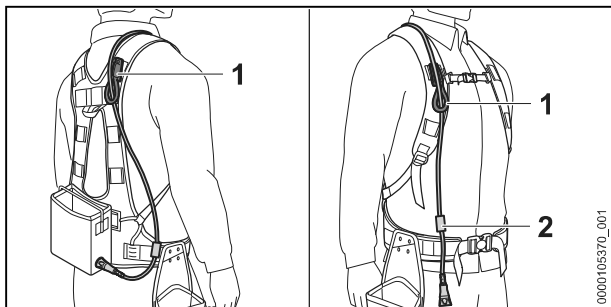
- ▶ Tighten the straps until the waist belt fits snugly on your hips and the back padding is against your back.
- ▶ Secure the end of the waist belt.

9.1.2 Taking off the carrying system

- ▶ Loosen the straps.
- ▶ Open the buckles on the chest strap and waist belt.
- ▶ Take the carrying system off your back.

9.2 Positioning the connecting cable

The connecting cable can be fitted along the left or right side. The connecting cable must be routed on the side on which the user is holding the pruning shears.

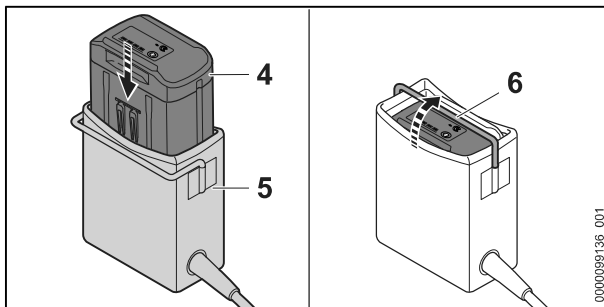


- ▶ Route the connecting cable (2) across the user's shoulder and through the cable guides (1).
- ▶ If the connecting cable is too long: Adjust the length of the connecting cable by making a loop and secure it with the cable guide (1).

- ▶ Install the connecting cable so that it has no kinks and is as short as possible without hindering your work.

10 Removing and Fitting the Battery

10.1 Inserting the battery



- ▶ Push the battery (4) into the battery pouch (5) as far as it will go.
- ▶ Secure the battery (4) with the tension belt (6).

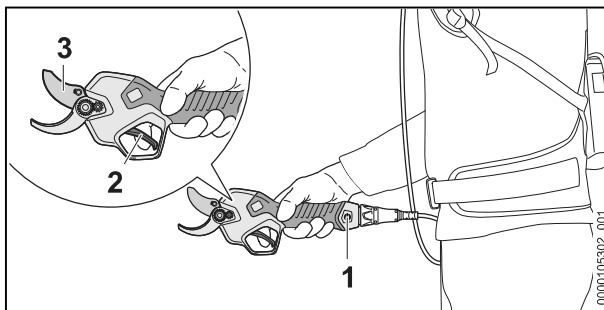
10.2 Removing the battery

- ▶ Unlock the battery with the tension belt. The battery (2) is now unlocked and can be removed.

11 Switching the pruning shears on/off

11.1 Switching on the pruning shears

- ▶ Hold the pruning shears firmly with one hand on the control handle. Wrap your thumb around the handle and operate the trigger with your index finger.

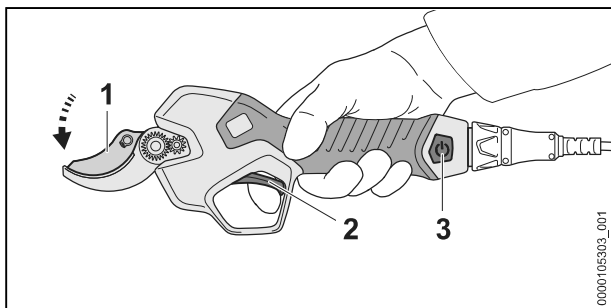


- ▶ Press and hold the pushbutton (1) until a long and short beep sound. The display switches on and shows the total number of cuts. After two seconds, the display switches and shows the actual number of cuts. The pruning shears are ready for operation.
- ▶ Press the trigger (2) twice in quick succession. The cutting blade (3) opens fully.

The pruning shears switch off automatically if they are not operated for more than 10 minutes.

- ▶ Switch the pruning shears on again.

11.2 Switching off the pruning shears



- ▶ Press and hold the trigger (2).
A long and a short beep will sound after 3 seconds. The cutting blade (1) closes and remains closed.
- ▶ If the cutting blade does not close: Remove the battery and contact a STIHL authorized dealer.
The pruning shears are defective.
- ▶ Press and hold pushbutton  (3).
The display switches off, and the pruning shears are switched off.

12 Testing the Pruning Shears and Battery

12.1 Checking the controls

Trigger

- ▶ Remove the battery.
- ▶ Press the trigger.
- ▶ If the trigger is stiff or does not spring back to its idle position: Do not use the pruning shears and contact a STIHL authorized dealer for assistance.
The trigger is defective.

Switching on the pruning shears

- ▶ Insert the battery.
- ▶ Press and hold the pushbutton  until a long and short beep sound.
The display switches on, and the pruning shears are ready for operation.
- ▶ Press the trigger twice in quick succession.
The cutting blade opens fully.
- ▶ Pull the trigger and let it go.
The cutting blade closes and opens.
- ▶ If the cutting blade does not close and open: Remove the battery and contact a STIHL authorized dealer.

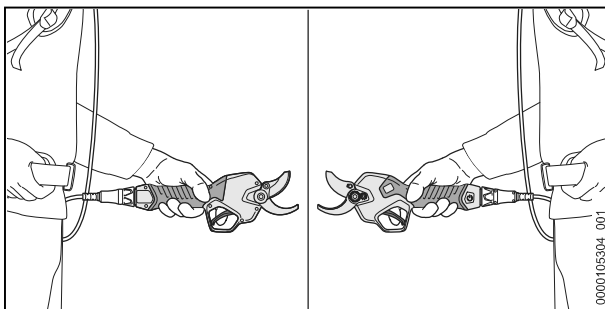
The pruning shears are defective.

12.2 Testing the Battery

- ▶ Press button on battery.
The LEDs glow or flash.
- ▶ If the LEDs do not glow or flash: Do not use the battery and contact your STIHL servicing dealer.
There is a malfunction in the battery.

13 Operating the Pruning Shears

13.1 Holding and controlling the pruning shears



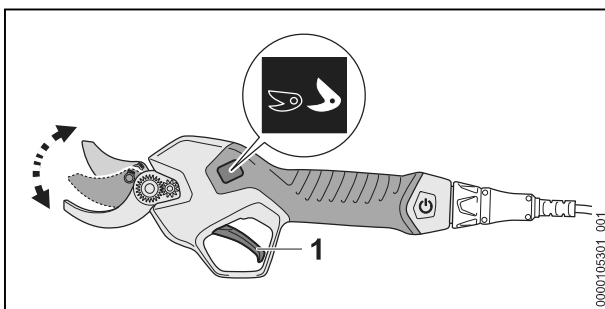
- ▶ Hold the pruning shears firmly with one hand on the control handle. Wrap your thumb around the handle and operate the trigger with your index finger.
- ▶ Keep your free hand well away from the cutting blade.

13.2 Adjusting the blade opening width

Depending on the branch thickness, two cutting blade opening widths can be selected:

- ASA 130.0: 22 mm / 35 mm
- ASA 140.0: 25 mm / 45 mm

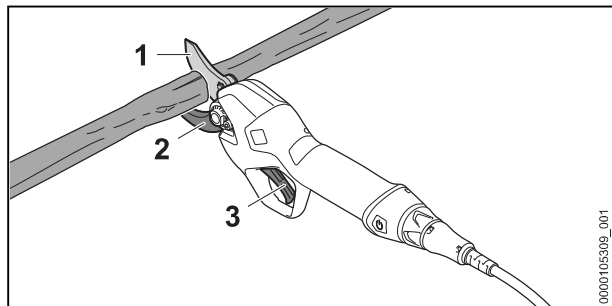
The configured cutting blade opening width is shown in the display with a white illuminated symbol.



- ▶ Press the trigger (1) twice in succession.
A short beep will sound. The cutting blade opening width increases or decreases, and the white light symbol in the display switches over.

13.3 Cutting

The pruning shears are subject to comprehensive quality tests by STIHL before delivery. Therefore a few cuts are already shown in the display upon delivery.



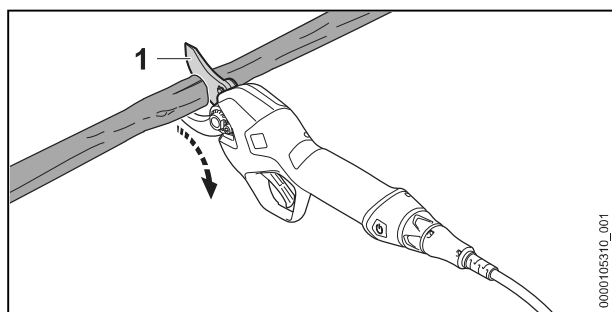
- Position the anvil blade (2) against the underside of the branch.



WARNING

- The moving cutting blade can seriously injure the user.
 - Keep your free hand at least 40 cm away from the cutting blade.
 - Never touch the cutting blade.
- Pull the trigger (3).
The cutting blade (1) closes to cut the branch off.
- Release the trigger (3).
The blade (1) opens.

The cutting blade can jam during cutting work. A jammed blade opens automatically.



If the cutting blade (1) is jammed:

- Swing the pruning shears downward and pull them out of the cut.
- Do not leverage the pruning shears sideways or downward.

NOTICE

- If the control handle becomes too hot during operation, the pruning shears may become damaged.
 - Switch off the pruning shears and let them cool down.
 - Reduce the number of cuts per minute or diameter of the branches to be cut.

For optimal performance, note the recommended temperature ranges, [21.4](#).

14 After Finishing Work

14.1 After finishing work

- Switch off the pruning shears.
- Remove the battery.
- Pull the connecting cable plug out of the pruning shears.
The cutting blade must be closed.
- If the pruning shears are wet: Allow the pruning shears to dry.
- If the battery is moist or wet: Allow the battery to dry, [21.4](#).
- Clean the pruning shears.
- Clean the cutting blade and anvil blade.
- Insert the pruning shears into the holster until it fully covers the cutting blade.
- Clean the battery.

15 Transporting

15.1 Transporting the pruning shears

- Switch off the pruning shears.
- Remove the battery.
- Pull the connecting cable plug out of the pruning shears.
The cutting blade must be closed.

Carrying the pruning shears

- Carry the pruning shears with one hand on the control handle.

Transporting the pruning shears in a vehicle

- Transport the pruning shears in the case supplied.
- Secure the case so that it cannot tip over or move.
- If no case is supplied with the pruning shears: Secure the pruning shears so they cannot tip over or move.

15.2 Transporting the battery

- Switch off the pruning shears.
- Remove the battery.

- ▶ Pull the connecting cable plug out of the pruning shears.
The cutting blade must be closed.
- ▶ 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.

16 Storing

16.1 Storing the pruning shears

- ▶ Switch off the pruning shears.
- ▶ Remove the battery.
- ▶ Pull the connecting cable plug out of the pruning shears.
The cutting blade must be closed.
- ▶ Store the pruning shears in the case supplied.
- ▶ The pruning shears should be stored so that the following conditions are met:
 - The pruning shears cannot tip over or move.
 - The pruning shears are out of the reach of children.
 - The pruning shears are clean and dry.

16.2 Storing the battery

STIHL recommends keeping the battery in a charging state between 40% and 60 % (2 lit green LEDs).

- ▶ The battery should be stored in such a way that the following conditions are fulfilled:
 - The battery is out of the reach of children.
 - The battery is clean and dry.
 - The battery is in an enclosed space.
 - The battery is stored separately from the product.
 - 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% (2 lit green LEDs).
 - Do not store the battery outside of the specified temperature limits,  21.3.

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% (2 lit green LEDs).
 - ▶ Store the battery separately from the product.

17 Cleaning

17.1 Cleaning the pruning shears

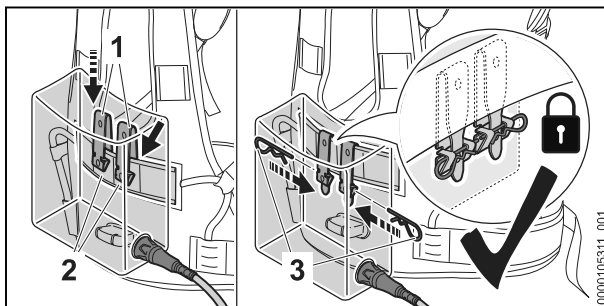
- ▶ Switch off the pruning shears.
- ▶ Remove the battery.
- ▶ Pull the connecting cable plug out of the pruning shears.
The cutting blade must be closed.
- ▶ Clean the pruning shears with a damp cloth or STIHL resin solvent.
- ▶ Remove foreign objects from the battery compartment and clean the battery compartment with a damp cloth.
- ▶ Use a paintbrush or soft brush to clean the electrical contacts in the battery compartment.

17.2 Cleaning the cutting and anvil blades

The cutting blade must be open for cleaning.

- ▶ Switch on the pruning shears.
- ▶ Press and hold the pushbutton .
The display switches off, and the pruning shears are switched off. The cutting blade remains open.
- ▶ Remove the battery.
- ▶ Pull the connecting cable plug out of the pruning shears.
- ▶ Clean the cutting and anvil blades with a damp cloth and warm soapy water.
- ▶ Spray both sides of the cutting and anvil blades with STIHL resin solvent.

17.3 Cleaning the carrying system



- ▶ Remove the holster (5) and battery pouch (1).
- ▶ Remove the plug of the connecting cable (4).
- ▶ Pull out the connecting cable (3) from the cable guide (2).
- ▶ Clean the carrying system with a damp cloth.
- ▶ If the carrying system is very dirty: Hand wash the carrying system with a color detergent or mild detergent.
- ▶ Route the connecting cable (3) through the cable guides (2).
- ▶ Plug in the connecting cable plug (4).
- ▶ Attach the holster (5) and battery pouch (1).

17.4 Cleaning the Battery

- ▶ Clean the battery with a damp cloth.

18 Maintenance

18.1 Maintenance intervals

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

Every 10000 cuts or as needed

- ▶ Clean the pruning shears.
- ▶ Lubricate the cutting and anvil blades.
- ▶ Lubricate the blade bolts.

Every 50000 cuts or as needed

- ▶ Sharpen the cutting blade.
- ▶ Replace the cutting blade.
- ▶ Check the adjusting nut, screw and blade bolts.

Every 200000 cuts or as needed

- ▶ Lubricate the gearbox.
- ▶ Lubricate the blade bolts.

ASA 140.0

Every 500000 cuts or as needed

- ▶ Replace the cutting blade and locking segment.
- ▶ Replace the anvil blade.
- ▶ Replace the bearing pin.

The display indicator  is on.

- ▶ Have the pruning shears serviced by a STIHL authorized dealer.

ASA 130.0

Every 800000 cuts or as needed

- ▶ Replace the cutting blade and locking segment.
- ▶ Replace the anvil blade.
- ▶ Replace the bearing pin.

The display indicator  is on.

- ▶ Have the pruning shears serviced by a STIHL authorized dealer.

18.2 Sharpening the cutting blade

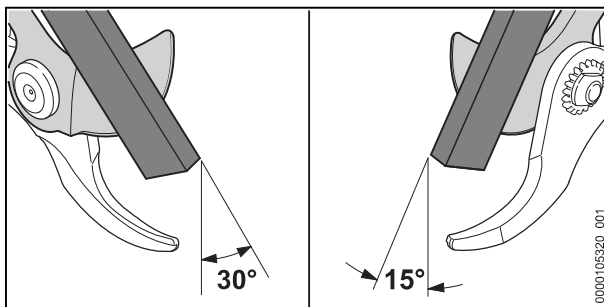


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WARNING

- The cutting edge of the blade is sharp. There is a risk of cutting oneself.
 - ▶ Wear work gloves made of robust material.
- ▶ Switch off the pruning shears.
- ▶ Remove the battery.
- ▶ Pull the connecting cable plug out of the pruning shears.



- ▶ Use the whetstone to sharpen the cutting blade so that the following conditions are met:
 - The whetstone is applied with gentle pressure, and the sharpening strokes are made from the inside outward.
 - The sharpening angle of 30° and 15° is maintained.
- ▶ Wipe away grinding dust with a cloth.
- ▶ Spray both sides of the cutting blade and anvil blade with STIHL Multispray.
- ▶ If you are unsure: Contact a STIHL authorized dealer.

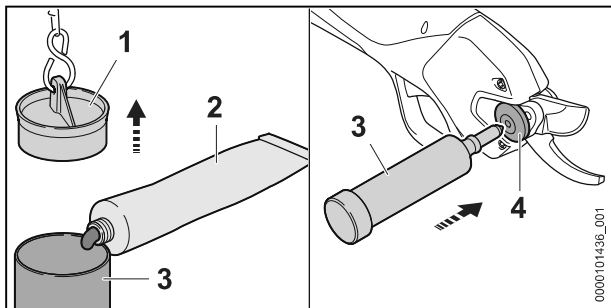
18.3 Lubricating the cutting and anvil blades with a grease gun

STIHL Multi-purpose grease or an equivalent multi-purpose grease lubricates and cools the cutting and anvil blades.

The cutting blade must be open for lubrication.

- ▶ Switch on the pruning shears.
- ▶ Press and hold the pushbutton  until a long beep sounds. The display switches off, and the pruning shears are switched off. The cutting blade remains open.
- ▶ Remove the battery.

- ▶ Pull the connecting cable plug out of the pruning shears.
- ▶ Clean the cutting and anvil blades.

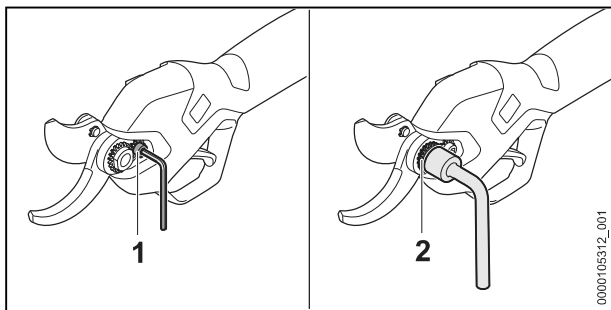


- ▶ Pull the chain to remove the plug (1) from the grease gun (3).
- ▶ Fill the grease gun (3) two-thirds full with STIHL multi-purpose grease (2).
- ▶ Press the plug (1) firmly onto the grease gun (3).
- ▶ Position grease gun (3) on grease nipple (4).
- ▶ Press the grease gun (3) and pump one or two strokes of STIHL multi-purpose grease through the grease nipple (4).
- ▶ Insert the plug of the connecting cable.
- ▶ Insert the battery.
- ▶ Switch on the pruning shears.
The multi-purpose grease is distributed over the cutting blade and anvil blade. The cutting blade and anvil blade are now lubricated.

18.4 Adjusting the play between the cutting and anvil blades

The play between the cutting and anvil blades must be readjusted if the cutting blade can move sideways or up and down against the anvil blade.

- ▶ Switch off the pruning shears.
- ▶ Remove the battery.
- ▶ Pull the connecting cable plug out of the pruning shears.



- ▶ Loosen the screw (1).
- ▶ Tighten the adjusting nut (2).
- ▶ Tighten the screw (1) to 10 Nm.

19 Repairing

19.1 Repairing the pruning shears and battery

The pruning shears, cutting blade and battery cannot be repaired by the user.

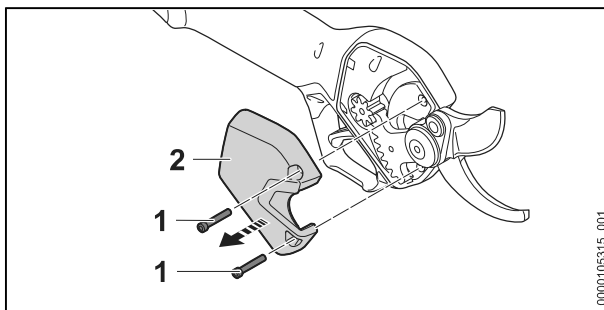
- ▶ If the pruning shears or cutting blade are damaged: Do not use the pruning shears or cutting blade and instead contact a STIHL authorized dealer for assistance.
- ▶ If the battery is defective or damaged: Replace the battery.

19.2 Replacing the cutting blade and anvil blade

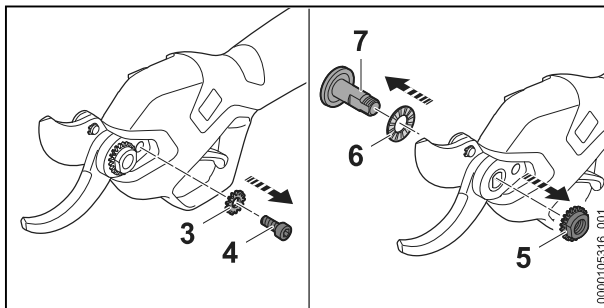


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- ▶ Switch on the pruning shears.
- ▶ Press and hold the pushbutton  until a long beep sounds.
The display switches off, and the pruning shears are switched off. The cutting blade remains open.
- ▶ Remove the battery.
- ▶ Pull the connecting cable plug out of the pruning shears.

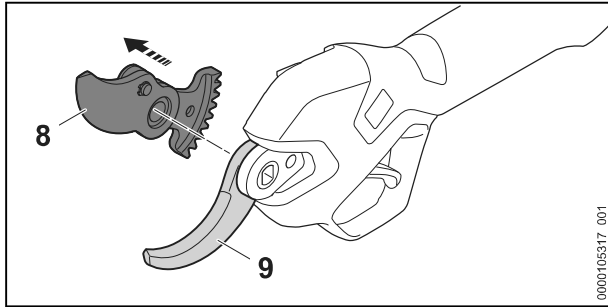


- ▶ Unscrew the screws (1).
- ▶ Remove the cover (2).

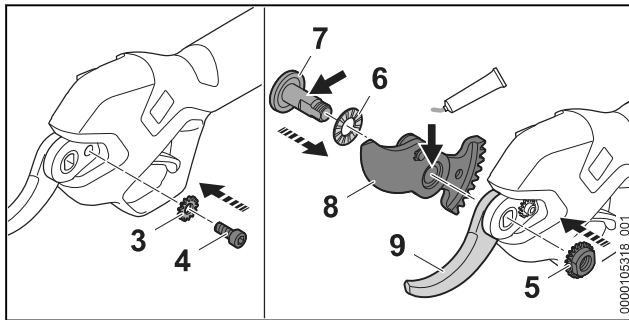


- ▶ Unscrew the screw (3) and tooth lock washer (4) and dispose of them.
- ▶ Unscrew the adjusting nut (5) and dispose of it.

- Unscrew the bearing pin (7) and needle bearing (6) and dispose of them.



- Remove the locking segment with cutting blade (8) and dispose of them.
- If the anvil blade (9) needs to be replaced:



- Remove the anvil blade and dispose of it.
- Insert a new anvil blade.

- Insert a new screw (3) with new tooth lock washer (4) and tighten the screw so that the tooth lock washer can still turn.
- When the anvil blade (9) is not to be replaced:
 - Insert a new screw (3) with new tooth lock washer (4) and tighten the screw so that the tooth lock washer can still turn.
- Insert a new locking segment with cutting blade (8).
- Lubricate the new locking segment.
- Place a new needle bearing (6) on the new bearing pin (7).
- Insert the new bearing pin (7) into the bearing position of the cutting blade.
- Lubricate the cutting and anvil blades.
- Screw in the new adjusting nut (5) and tighten it so that the cutting blade (8) can no longer be moved sideways in relation to the anvil blade (9) and the cutting blade can still easily slide past the anvil blade without any play.
- Tighten the tooth lock washer (4) and screw (3) to 10 Nm. The indentations on the tooth lock washer (4) and the adjusting nut (5) must interlock.
- Put on the cover (2).
- Screw in the screws (1) and tighten them.

20 Troubleshooting

20.1 Troubleshooting the pruning shears and battery (battery)

Error	LEDs on the battery	Cause	Remedy
Pruning shears do not work after they are switched on or suddenly stop working.	1 LED flashes green.	State of charge of the battery is too low.	► Charge battery as described in the User Manual for chargers STIHL AL 101, 301, 301-4, 501.
	1 LED lights up steady red.	The battery is too warm or too cold.	► Remove the battery. ► Allow the battery to cool down or warm up.
	3 LEDs flash red.	There is an error in the pruning shears.	► Remove the battery. ► Clean the electrical contacts in the battery compartment. ► Insert the battery. ► Switch on the pruning shears. ► If 3 LEDs continue to flash red: Do not use the pruning shears and instead contact a STIHL authorized dealer for assistance.
	3 LEDs light up red.	Pruning shears are too hot.	► Remove the battery. ► Allow the pruning shears to cool down.
	4 LEDs flash red.	There is an error in the battery.	► Remove the battery and reinsert it. ► Switch on the pruning shears. ► If 4 LEDs continue to flash red: Do not use the battery and instead contact a STIHL authorized dealer for assistance.

Error	LEDs on the battery	Cause	Remedy
		No electrical contact between the pruning shears and battery.	▶ Remove the battery. ▶ Clean the electrical contacts in the battery compartment. ▶ Insert the battery.
		The pruning shears or battery are damp.	▶ Allow the pruning shears or battery to dry,  21.4.
The pruning shears cut out during operation.	3 LEDs light up red.	Pruning shears are too hot.	▶ Remove the battery. ▶ Allow the pruning shears to cool down.
		There is an electrical error.	▶ Remove the battery and reinsert it. ▶ Switch on the pruning shears.
Pruning shears runtime is too short.		The battery is not fully charged.	▶ Recharge the battery fully as described in the User Manual for the STIHL AL 101, 301, 301-4, 501 chargers.
		The battery service life has been exceeded.	▶ Replace battery.
The STIHL connected app is unable to find the battery with  .		The Bluetooth® radio interface on the battery or mobile device is deactivated.	▶ Activate the Bluetooth® radio interface on the battery or mobile device.
		Excessive distance between the battery and the mobile device.	▶ Reduce the distance,  21.1. ▶ If the STIHL connected app is still unable to find the battery: Contact a STIHL authorized dealer.

20.2 Troubleshooting the pruning shears and battery (display and beeps)

Error	Display on the pruning shears and beeps	Cause	Remedy
Pruning shears do not operate after they are switched on or suddenly stop working.	1 light bar flashes white.	The state of charge of the battery is too low.	▶ Charge the battery.
	E 01 1 short beep	The state of charge of the battery is too low or the battery is deeply discharged.	▶ Try to charge the battery. ▶ If this step cannot be carried out: Do not use the battery anymore; contact a STIHL authorized dealer.
	E 02 2 short beeps	There is an error in the battery.	▶ Remove the battery and put it back in. ▶ Switch on the pruning shears. ▶ If the error continues to be shown: Do not use the battery and instead consult a STIHL authorized dealer for assistance.
	E 04 2 short beeps	Pruning shears are too hot.	▶ Allow the pruning shears to cool down. ▶ Reduce the number of cuts per minute or diameter of the branches to be cut. ▶ If the error continues to be shown: Do not use the pruning shears and instead consult a STIHL authorized dealer.
	E 05 - E 13 6 short beeps	There is an error in the pruning shears.	▶ Remove the battery and put it back in. ▶ Switch on the pruning shears. ▶ If the error continues to be shown: Do not use the pruning shears; consult a STIHL authorized dealer.

Error	Display on the pruning shears and beeps	Cause	Remedy
	E 14 3 short beeps	The cutting blade is jammed.	▶ Remove the battery. ▶ Remove the jam. ▶ Insert the battery. ▶ Switch on the pruning shears. ▶ If the error continues to be shown: Do not use the pruning shears; consult a STIHL authorized dealer.
	E 15 3 short beeps	The locking segment is not correctly inserted.	▶ Remove the battery. ▶ Align and insert the locking segment,  19.2. ▶ Switch on the pruning shears. ▶ If the error continues to be shown: Do not use the pruning shears; consult a STIHL authorized dealer.
	E 18 2 short beeps	Communication with the battery has been interrupted.	▶ Remove the battery. ▶ Clean the electrical contacts in the battery compartment. ▶ Insert the battery.
		The diameter of the branches to be cut is too great.	▶ Cut cuttings with a smaller branch diameter. ▶ If the cutting blade is jammed while cutting: Release cutting blade,  13.2
		The cutting speed is too high.	▶ Reduce the number of cuts per minute.
		The pruning shears require servicing.	▶ Servicing the pruning shears,  18.
The cutting performance of the pruning shears deteriorates or is insufficient.		The pruning shears or battery are damp.	▶ Allow the pruning shears or battery to dry,  21.4.
	1 light bar flashes white.	The state of charge of the battery is too low.	▶ Charge the battery.
		The cutting and anvil blades are not sufficiently lubricated.	▶ Lubricate the cutting and anvil blades.
		The cutting blade is dull.	▶ Replace the cutting blade.
		The anvil blade is worn down.	▶ Replace the anvil blade.
		Too much play between the cutting and anvil blades. The cutting blade may rattle.	▶ Adjust the play between the cutting and anvil blades.
		The cutting speed is too high.	▶ Reduce the number of cuts per minute.

20.3 Product Support and Assistance on Use

Product support and assistance on use are available from STIHL servicing dealers.

For contacts and other information, please visit <https://support.stihl.com> or www.stihl.com.

21 Specifications

21.1 STIHL ASA 130.0, ASA 140.0 pruning shears

ASA 130.0

- Approved battery: STIHL AP (except STIHL AP 100)
- Maximum cutting blade opening: 35 mm
- Maximum cutting thickness: 35 mm (depending on wood)
- Weight without battery: 940 g
- Degree of protection: IPX4 (protection against splash water from any direction)

ASA 140.0

- Approved battery: STIHL AP (except STIHL AP 100)
- Maximum cutting blade opening: 45 mm
- Maximum cutting thickness: 45 mm (depending on wood)
- Weight without battery: 1060 g
- Degree of protection: IPX4 (protection against splash water from any direction)

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

21.2 STIHL AP Battery

- Battery technology: Lithium-ion
- Voltage: 36 V
- Capacity in Ah: see rating label
- Energy content in Wh: see rating label
- Weight in kg: See rating label
- Bluetooth® radio interface (only for batteries with 

The power output of the battery may vary depending on the battery product used.

21.3 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 pruning shears or the battery below -20°C or above 50°C.
 - Do not store the pruning shears or the battery below -20°C or above 70°C.

21.4 Recommended temperature ranges

For optimum performance of the pruning shears and the battery, note 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 restricted.

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

21.5 Sound and vibration values

The K-value for the sound pressure 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 62841-1: <70 dB(A).
- Vibration level a_{hv} measured according to EN 62841-1:
 - Control handle: < 2.5 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 esti-

mate 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.

21.6 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.

22 Spare Parts and Accessories

22.1 Spare parts and accessories



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.

23 Disposal

23.1 Disposing of the pruning shears and battery

Contact local authorities or a STIHL authorized dealer for information about 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.

24 EC Declaration of Conformity

24.1 STIHL ASA 130.0, ASA 140.0 pruning shears

ANDREAS STIHL AG & Co. KG
Badstraße 115

D-71336 Waiblingen

Germany

declares under its sole responsibility that

- Category: Battery pruning shears
- Manufacturer's brand: STIHL
- Model: ASA 130.0, ASA 140.0
- Serial number: VA07, VA08

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, EN ISO 12100.

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 pruning shears.

Waiblingen, 2023-06-01

ANDREAS STIHL AG & Co. KG

pp

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

25 UKCA Declaration of Conformity

25.1 STIHL ASA 130.0, ASA 140.0 pruning shears



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

Germany

declares under its sole responsibility that

- Category: Battery pruning shears
- Manufacturer's brand: STIHL
- Model: ASA 130.0, ASA 140.0
- Serial number: VA07, VA08

conforms to the relevant provisions of UK regulations The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic

Equipment Regulations 2012, Supply of Machinery (Safety) Regulations 2008, Electromagnetic Compatibility Regulations 2016 and Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001 and has been 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, EN ISO 12100.

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

The year of manufacture, country of manufacture and serial number are indicated on the pruning shears.

Waiblingen, 2023-06-01

ANDREAS STIHL AG & Co. KG

pp 

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

26 Addresses

www.stihl.com

27 General Power Tool Safety Warnings

27.1 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.

27.2 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.

27.3 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.

27.4 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.
- 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.

27.5 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.

27.6 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.

27.7 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.

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1 Prólogo

Distinguidos clientes,

Nos alegramos de que se hayan decidido por STIHL. Desarrollamos y confeccionamos nuestros productos en primera calidad y con arreglo a las necesidades de nuestros clientes. De esta manera conseguimos elaborar productos altamente fiables incluso en condiciones de esfuerzo extremas.

STIHL también presta un Servicio Postventa de primera calidad. Nuestros comercios especializados garantizan un asesoramiento e instrucciones competentes así como un amplio asesoramiento técnico.

STIHL se declara expresamente a favor de tratar la naturaleza de forma sostenible y responsable. Estas instrucciones de servicio pretenden asistirla para hacer un uso ecológico y seguro de su producto STIHL durante toda su vida útil.

Le agradecemos su confianza y le deseamos que disfrute de su producto STIHL.



Dr. Nikolas Stihl

IMPORTANTE: LEER ANTES DE USAR Y GUARDAR.

2 Informaciones relativas a estas instrucciones para la reparación

2.1 Documentación vigente

Rigen las normas de seguridad locales.

- Además de este manual de instrucciones, se deben leer detenidamente y con máxima atención los siguientes documentos:
 - Indicaciones de seguridad del acumulador STIHL AP
 - Manual de instrucciones de los cargadores STIHL AL 101, 301, 301-4, 501
 - Información de seguridad sobre acumuladores STIHL y productos con acumulador incorporado: www.stihl.com/safety-data-sheets

Encontrará más información sobre STIHL connected, los productos compatibles y las pregun-