

**STIHL**

**STIHL FSE 31, 41**

Instruction Manual





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Dear Customer,

Thank you for choosing a quality engineered STIHL product.

It has been built using modern production techniques and comprehensive quality assurance. Every effort has been made to ensure your satisfaction and trouble-free use of the product.

Please contact your dealer or our sales company if you have any queries concerning this product.

Your



Dr. Nikolas Stihl

# STIHL

## Guide to Using this Manual

### Pictograms

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All the pictograms attached to the machine are shown and explained in this manual.

### Symbols in text

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Warning where there is a risk of an accident or personal injury or serious damage to property.



Caution where there is a risk of damaging the machine or its individual components.

### Engineering improvements

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STIHL's philosophy is to continually improve all of its products. For this reason we may modify the design, engineering and appearance of our products periodically.

Therefore, some changes, modifications and improvements may not be covered in this manual.

## Safety Precautions and Working Techniques



Some special safety precautions must be observed when working with this power tool because of the very high speed of its cutting attachment and the fact that it is powered by electricity.



It is important that you read the instruction manual before first use and keep it in a safe place for future reference. Non-observance of the instruction manual may result in serious or even fatal injury.

Observe all applicable local safety regulations, standards and ordinances.

If you have not used this model before: Have your dealer or other experienced user show you how to operate your machine or attend a special course in its operation.

Minors should never be allowed to use this product.

Keep bystanders, especially children, and animals away from the work area.

When the machine is not in use, store it so that it does not endanger others. Secure it against unauthorized use, disconnect the plug from the power supply.

The user is responsible for avoiding injury to third parties or damage to their property.

Do not lend or rent your unit without the instruction manual. Be sure that anyone using it understands the information contained in this manual.

Persons who are not able to operate the power tool safely due to limited physical, sensory or mental ability may work with it only under supervision or after being instructed appropriately by a responsible person.

The use of noise emitting power tools may be restricted to certain times by national or local regulations.

Before each use, check that your power tool is in good condition. Pay special attention to the power cord, mains plug and safety devices.

Do not use the power cord to pull or carry the power tool.

**Disconnect plug from wall outlet** before performing any work on the machine, e.g. cleaning, maintenance, replacing parts.

The deflector on this power tool cannot protect the operator from all objects thrown by the cutting attachment (stones, glass, wire, etc.). Such objects may ricochet and then hit the operator.

Do not use a pressure washer to clean the unit. The solid jet of water may damage parts of the unit.

Do not spray the power tool with water.

### **Physical Condition**

To operate this power tool you must be rested, in good physical condition and mental health.

If you have any condition that might be aggravated by strenuous work, check with your doctor before operating a power tool.

Do not operate the power tool if you are under the influence of any substance (drugs, alcohol) which might impair vision, dexterity or judgment.

### **Accessories and Spare Parts**

Only use cutting attachments and accessories that are explicitly approved for this power tool by STIHL or are technically identical. If you have any questions in this respect, consult a servicing dealer. Use only high quality tools and accessories in order to avoid the risk of accidents and damage to the unit.

STIHL recommends the use of genuine STIHL tools and accessories. They are specifically designed to match the product and meet your performance requirements.

Never attempt to modify your machine in any way since this may increase the risk of personal injury. STIHL

excludes all liability for personal injury and damage to property caused while using unauthorized attachments.

### **Applications**

Depending on the cutting attachment fitted, use your trimmer only for cutting grass, wild growth and similar materials.

Do not use the machine for any other purpose because of the increased risk of accidents and damage to the machine. Never attempt to modify the product in any way since this may result in accidents or damage to the product.

### **Clothing and Equipment**

Wear proper protective clothing and equipment.



Clothing must be sturdy but allow complete freedom of movement. Wear snug-fitting clothing, an over-all and jacket combination, do not wear a work coat.

Avoid clothing that could get caught on branches or brush or moving parts of the machine. Do not wear a scarf, necktie or jewelry. Tie up and confine long hair (e.g. with a hair net, cap, hard hat, etc.).



Wear sturdy shoes with non-slip soles.

### **WARNING**



To reduce the risk of eye injuries, wear close-fitting safety glasses in accordance with European Standard EN 166. Make sure the safety glasses are a snug fit.

Wear a face shield and make sure it is a good fit. A face shield alone does not provide adequate eye protection.

Wear hearing protection, e.g. earplugs or ear muffs.



Wear robust work gloves made of durable material (e.g. leather).

STIHL offers a comprehensive range of personal protective clothing and equipment.

### Transporting the Power Tool

Always switch off the power tool and unplug it from the power supply.

Transporting by vehicle:  
Properly secure the power tool to prevent turnover and damage.

### Before Starting Work

#### **Inspect the power tool.**

Check that your power tool is properly assembled and in good condition – refer to appropriate chapters in the instruction manual.

- The trigger switch must move freely – the switch must return to the idle position when it is released.
- Use only an approved combination of cutting attachment, deflector and handle. All parts must be assembled properly and securely. To reduce the risk of injury, **never** use metal cutting attachments.
- Check that the cutting attachment is properly and securely mounted and in good condition.
- Check protective devices (e.g. deflector for cutting attachment) for damage or wear. Always replace damaged parts. Never operate the unit with a damaged deflector.

- Keep the handles dry and clean – free from oil and dirt – for safe control of the power tool.
- Adjust handle to suit your height and reach.

**To reduce the risk of accidents**, do not operate the unit if it is not properly assembled and in good condition.

Do not operate your power tool if any of its components are damaged or not properly mounted.

Never attempt to modify the controls or the safety devices in any way.

Before switching on your power tool, make sure the cutting attachment is not touching the ground or any other object.



**To reduce the risk of injury**, avoid contact with the cutting attachment.



Note that the cutting attachment continues to run for a short period after the power tool is switched off – **fly-wheel effect**.

### Electrical Connection

Reduce the risk of electric shock:

- Voltage and frequency of the power tool (see rating plate) and the voltage and frequency of your power supply must be the same.
- Check the connecting cord, plug and extension cord for damage. Never use damaged cords, couplings and plugs or connecting cords that do not comply with regulations.
- Always connect the power tool to a properly installed wall outlet.
- Check that the insulation of the power cord, extension cord, plug and coupling is in good condition.

- Never touch the mains plug, connecting cord, extension cord or electrical connections with wet hands.
- Make sure the extension cord used complies with the regulations for the intended application.

Position the connecting and extension cords correctly:

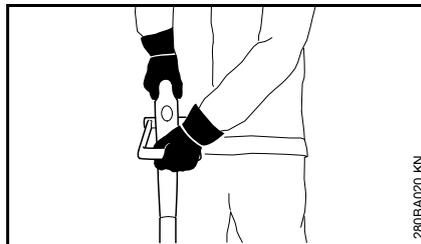
- Check minimum cross section of wires (wire gauge) – see "Connecting to Power Supply".
- **To reduce the risk of stumbling**, position and mark the connecting cord so that it cannot be damaged or endanger others.
- Using unsuitable extension cords can be dangerous. Use only extension cords approved for outdoor use which are labeled as such and have the appropriate wire gauge.
- The plug and coupling of the extension cord must be water-proof and must never be immersed in water.

- Do not chafe on edges, pointed or sharp objects
- Do not squeeze through gaps in doors or windows
- If cords are twisted – unplug the power tool and straighten them out
- Never touch the rotating cutting attachment
- Always unwind the extension cord completely from the cable drum to reduce the risk of fire from overheating.

### Holding and Controlling the Power Tool

Always hold the unit **firmly with both hands** on the handles. Make sure you always have good balance and secure footing.

Always hold the machine on the right-hand side of your body.



Left hand on the assist handle, right hand on the control handle, even if you are left-handed.

### During Operation



If the power supply cord is damaged, immediately disconnect the plug from the wall outlet **to avoid the risk of electric shock.**

Avoid damage to the power supply cord. Do not drive over it, pinch or tug it.

Never jerk the connecting cord to disconnect it from the wall outlet. To unplug, grasp the plug, not the cord.

Be sure your hands are dry before touching the plug or power cord.

Never spray water on the unit  
– **risk of short circuit!**

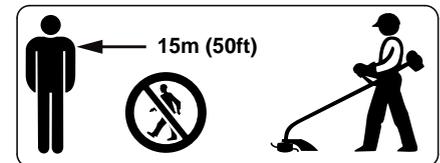


The drive motor is not waterproof. **To reduce the risk of a short circuit or electrocution,** never work with the power tool in the rain or in wet or very damp locations.

Do not leave the power tool outdoors in the rain.

In case of imminent danger or in an emergency, switch off the motor immediately – release the trigger switch and starting lockout.

Your power tool is designed to be operated by one person only. Do not allow other persons in the work area.



The cutting attachment may catch and fling objects a great distance and cause injury - therefore, do not allow any other persons within a radius

of 15 meters of your own position. **To reduce the risk of damage to property**, also maintain this distance from other objects (vehicles, windows). Even maintaining a distance of 15 meters or more cannot exclude the potential danger.



Inspect the work area: Stones, pieces of metal or other solid objects may be thrown more than 15 meters and **cause personal injury** or damage the cutting attachment and property (e.g. parked vehicles, windows).

**To reduce the risk of injury** from thrown objects, never operate the power tool without the proper deflector for the type of cutting attachment being used.

Do not cut wet grass.

Take care in slippery conditions on slopes and uneven ground.

Keep the connecting cord behind the power tool at all times – do not walk backwards – **risk of stumbling**.

Watch out for obstacles: Roots and tree stumps which **could cause you to trip or stumble**.

Always stand on the ground while working, never on a ladder, work platform or any other insecure support.

Be particularly alert and cautious when wearing hearing protection because your ability to hear warnings (shouts, alarms, etc.) is restricted.

**To reduce the risk of accidents**, take a break in good time to avoid tiredness or exhaustion.

Work calmly and carefully – in daylight conditions and only when visibility is good. Stay alert so as not to endanger others.

Special care must be taken when working in difficult, overgrown terrain.

Check the cutting attachment at regular short intervals during operation or immediately if there is a noticeable change in cutting behavior:

- Switch off the power tool, hold it firmly and press the cutting attachment into the ground to bring it to a standstill, and disconnect the plug from the power supply.
- Check condition and tightness, look for cracks.
- Replace damaged cutting attachments immediately, even if they have only superficial cracks.
- Clean grass and plant residue off the cutting attachment mounting at regular intervals – remove any build up of material from the cutting attachment and deflector.

Always switch off the power tool and unplug it from the power supply before replacing the cutting attachment. This avoids the **risk of injury** from the motor starting unintentionally.

Do not continue using or attempt to repair damaged or cracked cutting attachments by welding, straightening or modifying the shape (out of balance).

This may cause parts of the cutting attachment to come off and hit the operator or bystanders at high speed and **result in serious or fatal injuries.**

Use only the deflector with properly mounted line limiting blade to ensure the mowing lines are automatically trimmed to the approved length.

**To reduce the risk of injury,** avoid contact with the blade.

**To reduce the risk of injury,** always switch off the power tool and unplug it from the power supply before manually adjusting the nylon line.

Using the unit with over-long nylon cutting lines reduces the motor's operating speed. This results in overheating and damage to the motor.

**To reduce the risk of injury,** never use wire in place of the nylon cutting line.

If your power tool is subjected to unusually high loads for which it was not designed (e.g. heavy impact or a fall), always check that it is in good condition before continuing work – see also "Before Starting Work". Make sure the safety devices are working properly. Do not continue operating your power tool if it is damaged. In case of doubt, consult your servicing dealer.

Before leaving the power tool unattended: Switch it off and disconnect the plug from the power supply.

#### Vibrations

This power tool minimizes the vibrations transmitted to the operator's hands.

However, the operator should seek medical advice in the event of suspected circulatory problems in the hands (e.g. tingling sensation in the fingers).

#### Maintenance and Repairs

Always switch off the machine and disconnect the plug from the power supply before carrying out any maintenance work to **reduce the risk of injury** from the motor starting unintentionally.

Service the machine regularly. Do not attempt any maintenance or repair work not described in the instruction manual. Have all other work performed by a servicing dealer.

STIHL recommends that you have servicing and repair work carried out exclusively by an authorized STIHL servicing dealer. STIHL dealers are regularly given the opportunity to attend training courses and are supplied with the necessary technical information.

Only use high-quality replacement parts in order to avoid the risk of accidents and damage to the machine. If you have any questions in this respect, consult a servicing dealer.

STIHL recommends the use of genuine STIHL replacement parts. They are specifically designed to match your machine model and meet your performance requirements.

Never attempt to modify your power tool in any way since this will increase the risk of personal injury.

Regularly check that the insulation of the power cord and plug is in good condition and shows no sign of ageing (brittleness).

Electrical components, e.g. power cord, may only be repaired or replaced by a qualified electrician.

Clean plastic components with a cloth. Do not use aggressive detergents. They may damage the plastic.

Do not spray the machine with water.

Check tightness of mounting screws on safety devices and the cutting attachment and retighten if necessary.

Clean cooling air inlets in motor housing as necessary.

Store the machine in a safe and dry place.

## Using the Unit

### Mowing



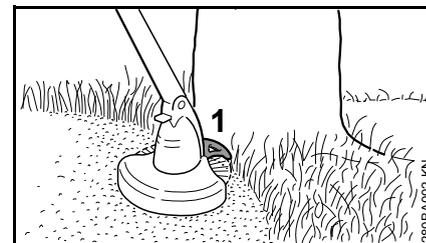
- Hold your trimmer with both hands – right hand on the control handle (1) – left hand on the assist handle (2).
- Stand upright – hold the trimmer in a relaxed position and always on right side of your body.
- Make sure the cutting attachment is not touching the ground or any other objects.
- Swing the machine to and fro, keeping the mowing head inclined forwards at an angle of about 20° – 30°.
- The cutting height is determined by the distance of the mowing line from the lawn surface.

- Mow with the left-hand side wherever possible; cuttings and stones are thrown away from the operator in this position.
- Avoid contact with fences, walls, rocks, etc. since it will result in a higher rate of wear.

### Mowing under Obstacles

The angle of the shaft and mowing head can be adjusted for easier mowing under hedges and bushes, see “Adjusting Angle of Shaft”.

### Working with the Bumper (FSE 41 only)



#### The bumper (1)

- Limits the cutting range of the mowing line.
- Reduces the risk of the rotating mowing line causing damage (e.g. tree bark).
- Maintains the correct ground clearance when edging.

## Edging (FSE 41 only)



The unit can be quickly converted into a power edger (see "Converting Unit to Power Edger").

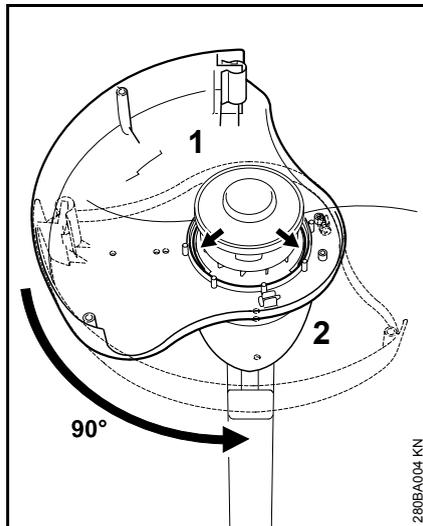
- Use the unit as shown.
- Guide the mowing line along the edge of the lawn – hold the unit at the right height or use the bumper.

## Disposal

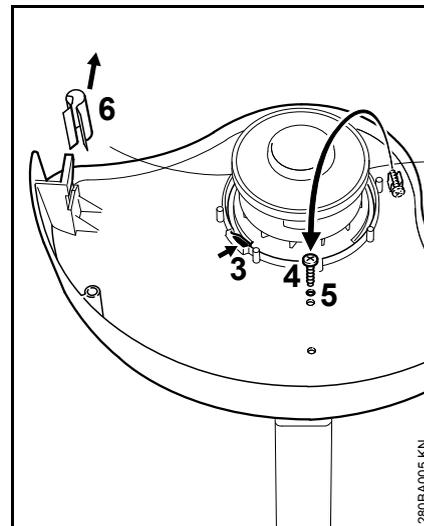


Do not throw cuttings into the garbage can – they can be composted!

## Mounting the Deflector

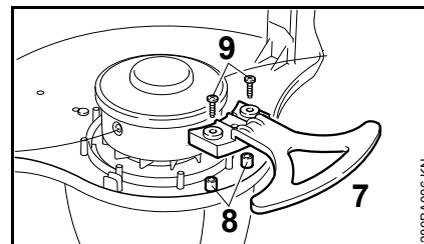


- Position the deflector (1) on the underside on the motor housing (2).
- Deflector body must be on the left.
- Rotate the deflector 90° in the guide slots.



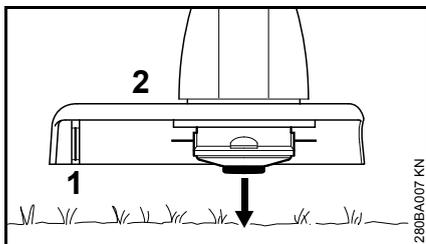
- Locking pawl (3) must engage.
- Take the screw (4) out of the retainer, insert it in the hole (5) and tighten it down firmly.
- Pull the cover (6) off the line limiter blade.

## Fitting the Bumper (FSE 41 only)



- Place the bumper (7) on the pegs (8) and locators in the deflector and secure in position with the two screws (9).

## Adjusting Nylon Line



- Hold the rotating mowing head above the ground – tap it on the ground once – about 3 cm fresh line is advanced.

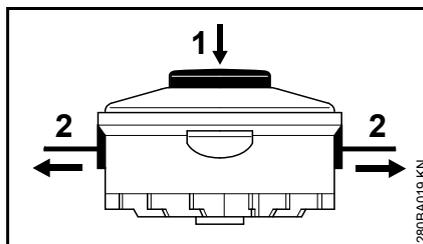
The blade (1) on the deflector (2) trims surplus line to the correct length – avoid tapping the mowing head more than once at a time.

Line feed operates only if both lines still have a minimum length of 2.5 cm.

If the nylon lines are shorter than 2.5cm, readjust them manually – see "Manual Adjustment of Nylon Line".

### Manual Adjustment of Nylon Line

- Switch off the trimmer.
- Disconnect the plug from the wall outlet.
- Turn the trimmer on its back.

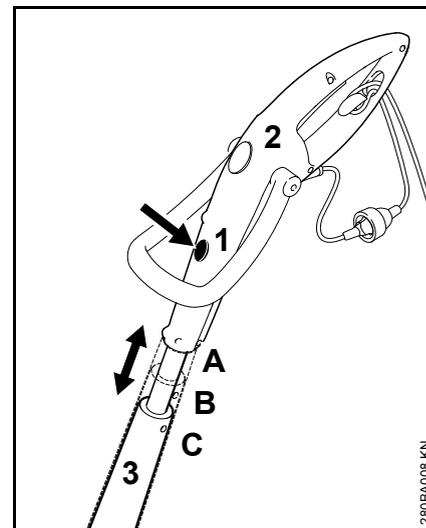


- Push home the button (1) on the spool as far as stop.
- Pull the ends of the nylon line (2) out of the spool.

If the spool is empty, see "Replacing Nylon Line".

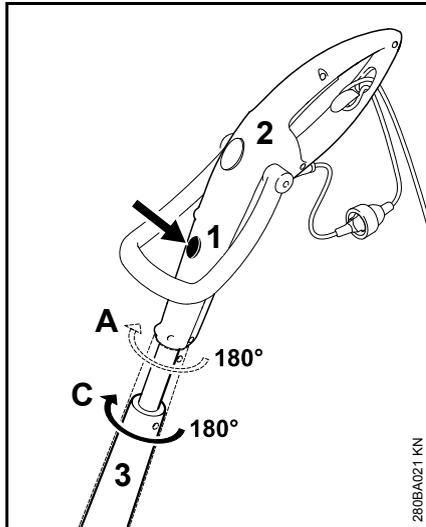
## Adjusting the Handles

### Adjusting Length of Shaft (FSE 41 only)



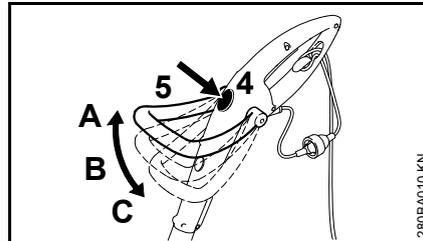
- Press in the lock button (1).
- Pull the control handle (2) upwards on the shaft (3) and engage it in one of the 3 positions: A, B or C

### Adjusting Control Handle (FSE 41 only)



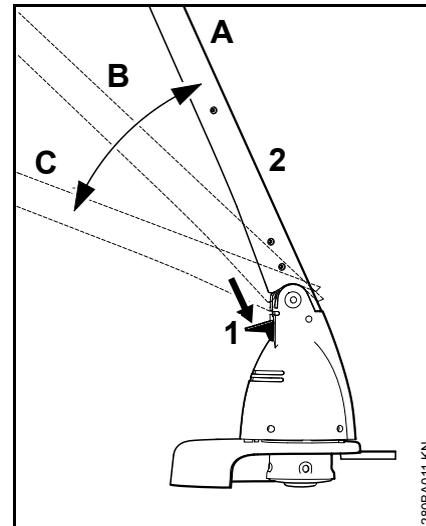
- Only possible in positions A and C.
- Press in the lock button (1).
- Rotate the control handle (2) 180° on the shaft (3) and engage it in one of the 2 positions: 0° or 180°

### Adjusting the Assist Handle



- Press in the lock button (4).
- Adjust angle of the assist handle (5) and engage it one of 3 positions: A, B or C

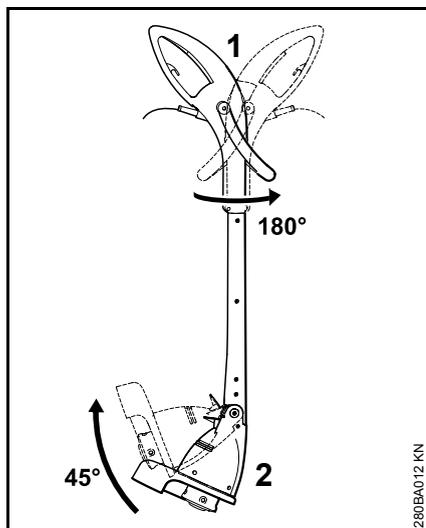
### Adjusting Angle of Shaft



- Press down the locking lever (1).
- Adjust angle of the shaft (2) and engage it one of 3 positions: A, B or C

## Converting Unit to Power Edger

FSE 41 only



- Rotate the control handle (1) 180° relative to shaft and engage it in position – see “Adjusting the Handles”.
- Swing the motor housing (2) 45° and engage it in position, see “Adjusting Shaft Angle”

## Connecting to Power Supply

The voltage and frequency of the machine (see rating plate) must match the voltage and frequency of the power connection.

The minimum fuse protection of the power connection must comply with the specifications – see “Specifications”.

The machine must be connected to the power supply via an earth-leakage circuit breaker to disconnect the power supply if the differential current to earth exceeds 30 mA.

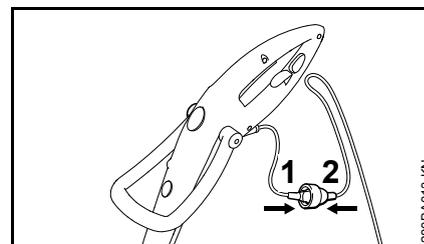
The power connection must correspond to IEC 60364 and relevant national regulations.

### Extension cord

The design of the extension cord must at least fulfill the same features as the connecting cord on the machine. Observe the design marking (type designation) on the connecting cord.

The cores in the cord must have the following minimum cross-section depending on the mains voltage and cord length.

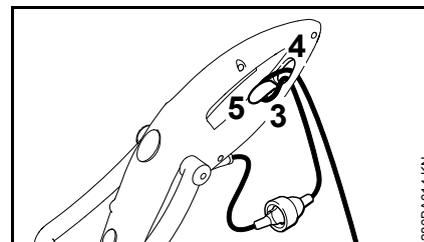
Cord length	Minimum cross-section
<b>220 V – 240 V:</b>	
Up to 20 m	1.5 mm <sup>2</sup>
20 m to 50 m	2.5 mm <sup>2</sup>
<b>100 V – 127 V:</b>	
Up to 10 m	AWG 14 / 2.0 mm <sup>2</sup>
10 m to 30 m	AWG 12 / 3.5 mm <sup>2</sup>



- Insert the plug (1) into the extension cord coupling (2).

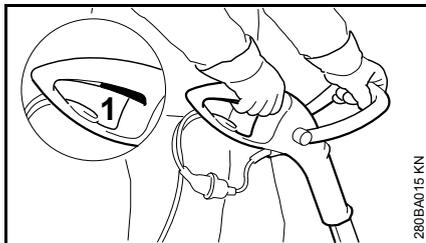
### Strain Relief

The strain relief (cord retainer) protects the connecting cord against damage.



- Make a loop in the extension cord.
- Pass the loop (3) through the opening (4).
- Slip the loop (3) over the hook (5) and pull it tight.
- Connect the extension cord plug to a properly installed wall outlet.

## Switching On



- Make sure you have a secure and balanced footing.
- Hold your trimmer with both hands – right hand on the control handle – left hand on the assist handle.
- Stand upright – hold the trimmer in a relaxed position and always on right side of your body.
- Make sure the cutting attachment is not touching the ground or any other objects.
- Squeeze the trigger switch (1).

## Switching Off

- Release the trigger switch.

### **WARNING**

Note that the cutting attachment continues to run for a short period after you let go of the switch – **flywheel effect**.

During longer work breaks – disconnect the plug from the wall outlet.

When the power tool is not in use, store it in such a way that it does not endanger others.

Secure it against unauthorized use.

## Storing the Machine

For periods of 3 months or longer

- Thoroughly clean the machine, especially the cooling air inlets.
- Take out the spool, clean it and check it for damage.

The resilience and service life of the nylon line can be increased by storing it in a container filled with water.

- Store the machine in a dry, high or locked location – out of the reach of children and other unauthorized persons.

## Replacing Nylon Line

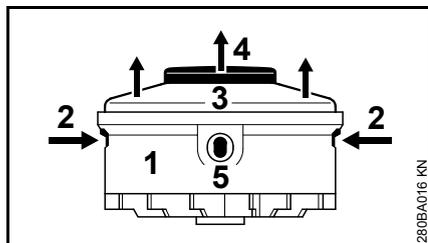
### Preparations

- Switch off the trimmer.
- Disconnect the plug from the wall outlet.
- Turn the trimmer on its back.

### Removing Remaining Nylon Line

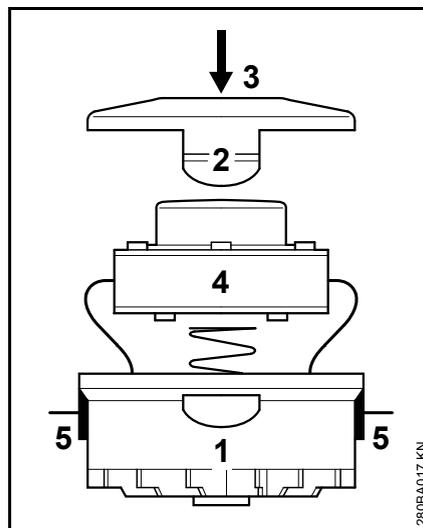
In normal operation, the supply of nylon line in the head is used up completely.

### Removing the Spool



- Hold the housing (1) steady.
- Press in the tabs (2) and remove the cover (3).
- Pull the spool (4) out of the housing.

### Installing a New Spool



- Use nylon line with a diameter of 1.4 mm.
- Thread the ends of the lines through the openings (5) in the housing (1).
- Place the spool (4) in the housing.
- Press home the cover (3) until both tabs (2) engage with an audible click

## Maintenance and Care

The following intervals apply to normal operating conditions only. If your daily working time is longer or operating conditions are difficult (very dusty work area, etc.), shorten the specified intervals accordingly.		before starting work	after finishing work or daily	weekly	monthly	if problem	if damaged	if required
Complete machine	Visual inspection (condition)	X						
	Clean		X					
Power cord	Inspect	X						
	Have replaced by dealer <sup>1)</sup>						X	
Trigger switch	Check operation	X						
	Have replaced by dealer <sup>1)</sup>					X	X	
Cooling inlets	Clean		X					
All accessible screws and nuts	Retighten							X
Cutting attachment (mowing head)	Visual Inspection	X						
	Have replaced by dealer <sup>1)</sup>						X	
	Check tightness	X						
Safety labels	Replace						X	

<sup>1)</sup> STIHL recommends a STIHL servicing dealer.

## Minimize Wear and Avoid Damage

Observing the instructions in this manual helps reduce the risk of unnecessary wear and damage to the power tool.

The power tool must be operated, maintained and stored with the due care and attention described in this instruction manual.

The user is responsible for all damage caused by non-observance of the safety precautions, operating and maintenance instructions in this manual. This includes in particular:

- Alterations or modifications to the product not approved by STIHL.
- Using tools or accessories which are neither approved or suitable for the product or are of a poor quality.
- Using the product for purposes for which it was not designed.
- Using the product for sports or competitive events.
- Consequential damage caused by continuing to use the product with defective components.

### Maintenance Work

All the operations described in the "Maintenance Chart" must be performed on a regular basis. If these maintenance operations cannot be performed by the owner, they should be performed by a servicing dealer.

STIHL recommends that you have servicing and repair work carried out exclusively by an authorized STIHL

servicing dealer. STIHL dealers are regularly given the opportunity to attend training courses and are supplied with the necessary technical information.

If these maintenance operations are not carried out as specified, the user assumes responsibility for any damage that may occur. Among other things, this includes:

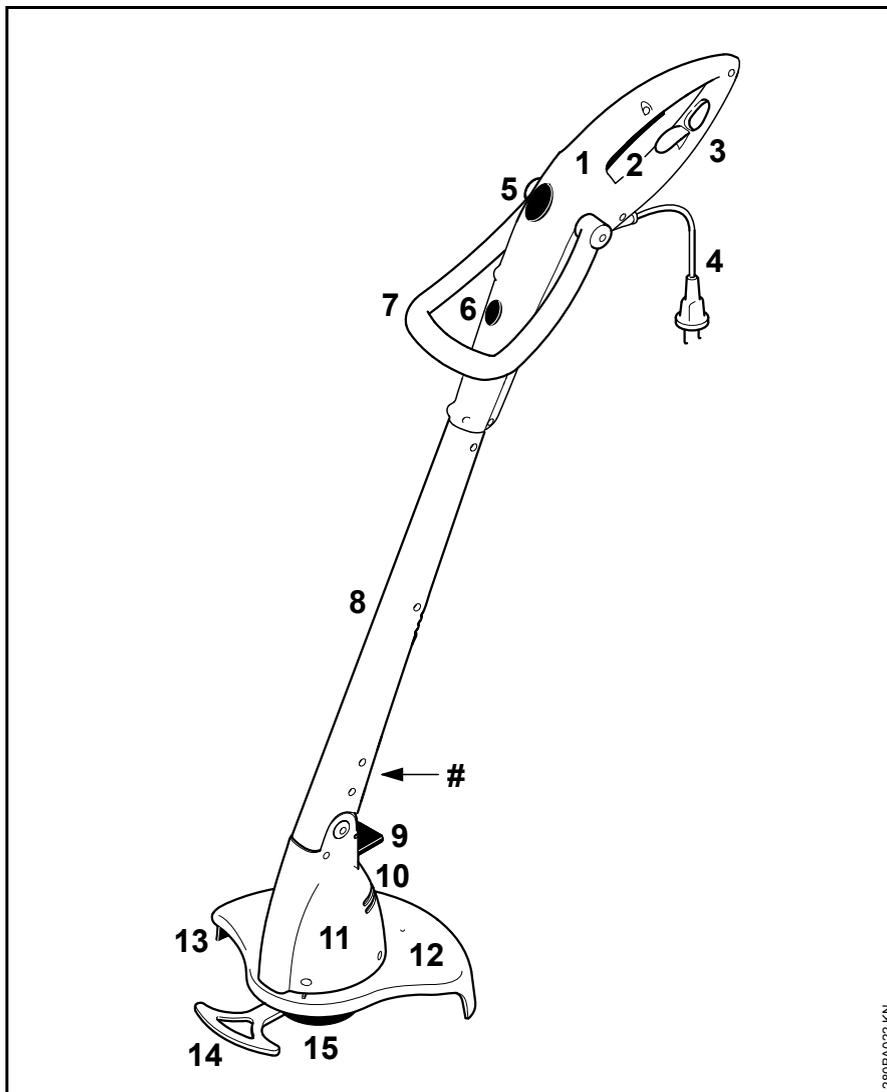
- Damage to the motor due to neglect or deficient maintenance (e.g. not cleaning cooling air inlets).
- Damage due to incorrect electrical connection (voltage, inadequately rated connecting cords).
- Corrosion and other consequential damage resulting from improper storage.
- Damage to the product resulting from the use of poor quality replacement parts.

### Parts Subject to Wear and Tear

Some parts of the power tool are subject to normal wear and tear even during regular operation in accordance with instructions and, depending on the type and duration of use, have to be replaced in good time. Among other parts, this includes:

- Cutting Attachment
- Deflector

## Main Parts



- 1 Control handle
- 2 Switch
- 3 Strain relief (cord retainer)
- 4 Power cord
- 5 Lock button for assist handle
- 6 Lock button for control handle (FSE 41 only)
- 7 Assist handle
- 8 Shaft
- 9 Locking lever for motor housing
- 10 Cooling inlets
- 11 Motor housing
- 12 Deflector
- 13 Line limiter blade
- 14 Bumper (FSE 41 only)
- 15 Mowing head
- # Serial number

280BA022 KN

## Specifications

### Motor

#### FSE 31, 230 V version

Voltage:	230 V
Frequency:	50 Hz
Rated current:	1.1 A
Power rating:	245 W
Rated speed under load:	10,100 rpm
Fuse:	min. 10 A
Insulation:	II, 

#### FSE 41, 230 V, 240 V version<sup>1)</sup>

Voltage:	230 V, 240 V <sup>1)</sup>
Frequency:	50 Hz
Rated current:	1.7 A
Power rating:	400 W
Rated speed under load:	9,900 rpm
Fuse:	min. 10 A
Insulation:	II, 

<sup>1)</sup> Version for Australia

#### FSE 41, 120 V version

Voltage:	120 V
Frequency:	60 Hz
Rated current:	3.8 A
Power rating:	400 W
Rated speed under load:	9,900 rpm
Fuse:	min. 10 A
Insulation:	II, 

### Length

FSE 31:	1100 mm
FSE 41:	1180 mm

### Weight

complete with cutting attachment and deflector

FSE 31:	2.2 kg
FSE 31 <sup>1)</sup> :	2.8 kg
FSE 41:	2.6 kg
FSE 41 <sup>1)</sup> :	3.2 kg

<sup>1)</sup> Version with 10 meter power supply cord for UK

### Mowing head

Nylon line diameter

FSE 31:	1.4 mm
FSE 41:	1.4 mm

Nylon line capacity

FSE 31:	2 x 4 m
FSE 41:	2 x 4 m

### Noise and Vibration Data

Noise and vibration data are determined on the basis of the rated maximum speed.

For further details on compliance with Vibration Directive 2002/44/EC visit [www.stihl.com/vib](http://www.stihl.com/vib).

### Sound pressure level $L_p$ to EN 50636-2-91

FSE 31:	82 dB(A)
FSE 41:	87 dB(A)

### Sound power level $L_w$ to EN 50636-2-91

FSE 31:	92 dB(A)
FSE 41:	96 dB(A)

### Vibration level $a_{hv}$ to EN 50636-2-91

	Handle, left	Handle, right
FSE 31:	1.2 m/s <sup>2</sup>	1.8 m/s <sup>2</sup>
FSE 41:	2.2 m/s <sup>2</sup>	1.3 m/s <sup>2</sup>

The K-factor in accordance with Directive 2006/42/EC is 2.0 dB(A) for the sound pressure level and sound power level; the K-factor in accordance with Directive 2006/42/EC is 2.0 m/s<sup>2</sup> for the vibration level.

### 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 (EC) No. 1907/2006 see [www.stihl.com/reach](http://www.stihl.com/reach).

## Maintenance and Repairs

Users of this machine may only carry out the maintenance and service work described in this user manual. All other repairs must be carried out by a servicing dealer.

STIHL recommends that you have servicing and repair work carried out exclusively by an authorized STIHL servicing dealer. STIHL dealers are regularly given the opportunity to attend training courses and are supplied with the necessary technical information.

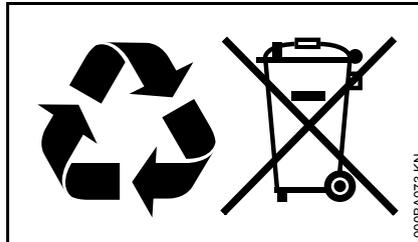
When repairing the machine, only use replacement parts which have been approved by STIHL for this power tool or are technically identical. Only use high-quality replacement parts in order to avoid the risk of accidents and damage to the machine.

STIHL recommends the use of original STIHL replacement parts.

Original STIHL parts can be identified by the STIHL part number, the **STIHL** logo and the STIHL parts symbol  (the symbol may appear alone on small parts).

## Disposal

Observe all country-specific waste disposal rules and regulations.



STIHL products must not be thrown in the garbage can. Take the product, accessories and packaging to an approved disposal site for environment-friendly recycling.

Contact your STIHL servicing dealer for the latest information on waste disposal.

## EC Declaration of Conformity

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

Germany

declare in exclusive responsibility that

Category:	Electric trimmer
Make:	STIHL
Model:	FSE 31 FSE 41

Serial identification: 4815

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 60335-1, EN 60335-2-91, EN 61000-3-2, EN 61000-3-3

The measured and guaranteed sound power levels were determined according to Directive 2000/14/EC, Annex VI, using the ISO 11094 standard.

Notified body involved:

DPLF  
Deutsche Prüf- und Zertifizierungsstelle  
für Land- und Forsttechnik (NB 0363)  
Spremberger Straße 1  
D-64823 Groß-Umstadt

### Measured sound power level

FSE 31: 92 dB(A)

**Guaranteed sound power level**

FSE 31: 94 dB(A)

Technical documents deposited at:

ANDREAS STIHL AG & Co. KG  
Produktzulassung (Product Licensing)

The year of manufacture, country of  
manufacture and serial number are  
applied to the product.

Done at Waiblingen, 21.06.2017

ANDREAS STIHL AG & Co. KG



Thomas Elsner

Director Product Management and  
Services



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englisch



[www.stihl.com](http://www.stihl.com)



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