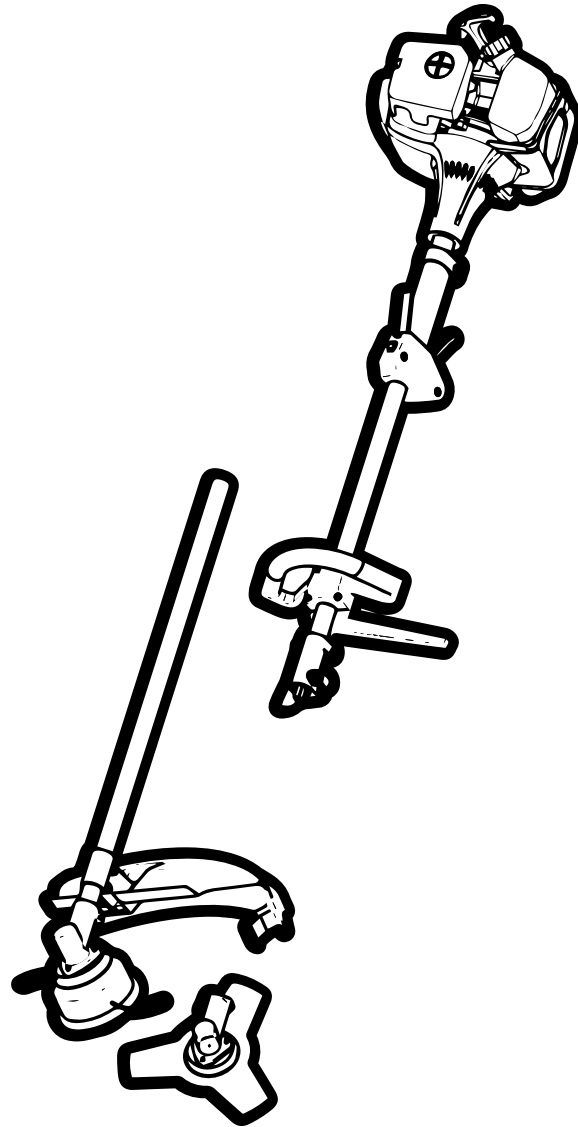




OWNER'S MANUAL

LINE TRIMMER

MT26SS



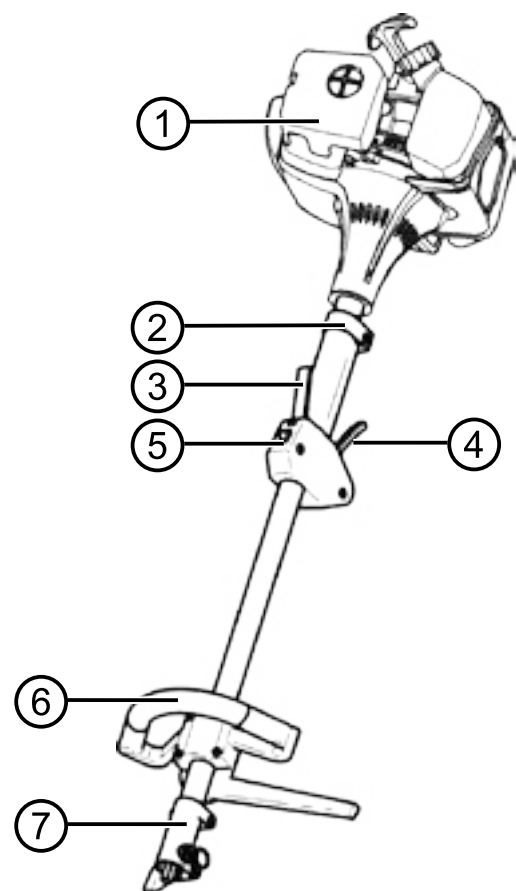
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IMPORTANT

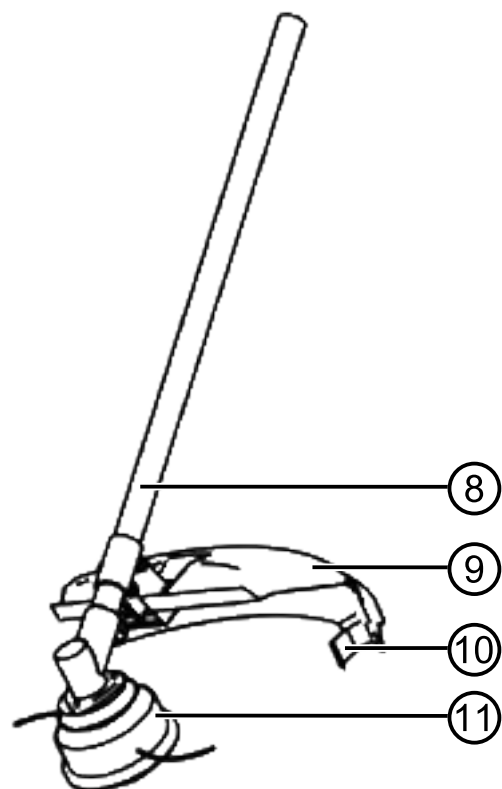
To reduce risk of fire, burn hazard or other injury, please read these instructions carefully before assembling, operating and maintaining this machine. Keep this instruction manual in a safe place for future use.

This manual covers the Masport MT26SS machine.

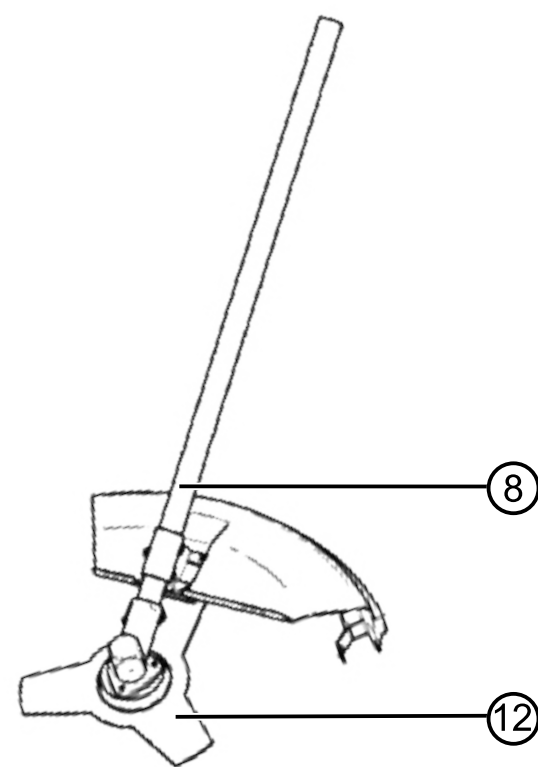
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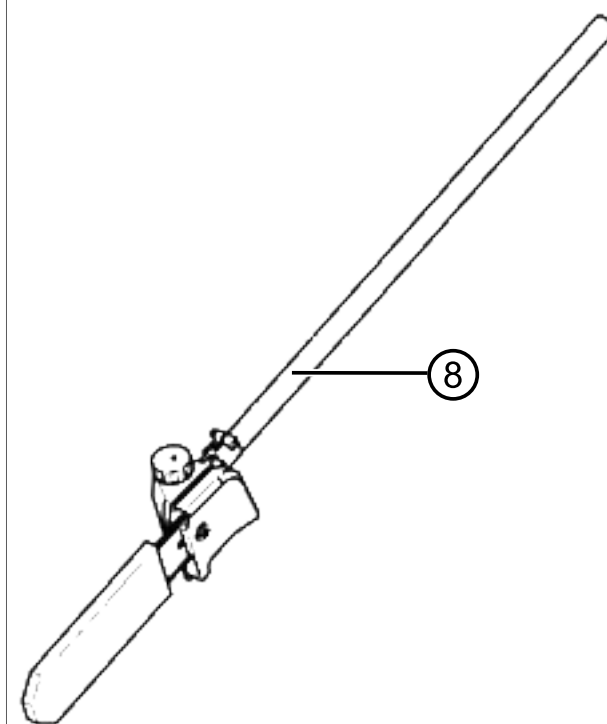
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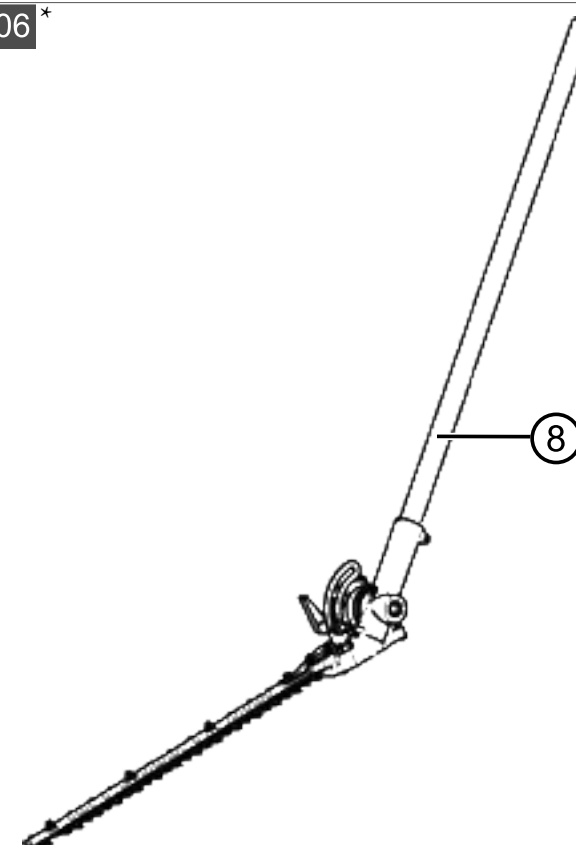
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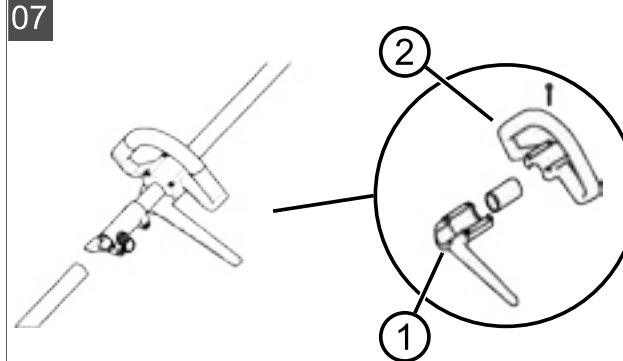
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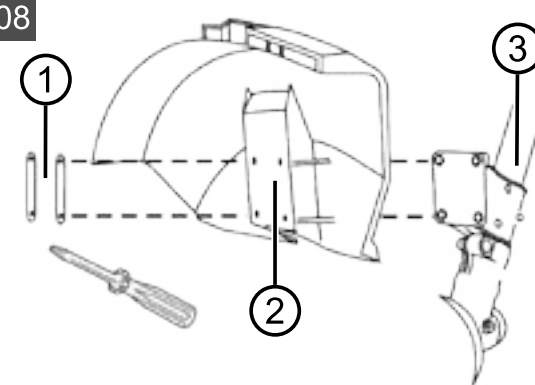
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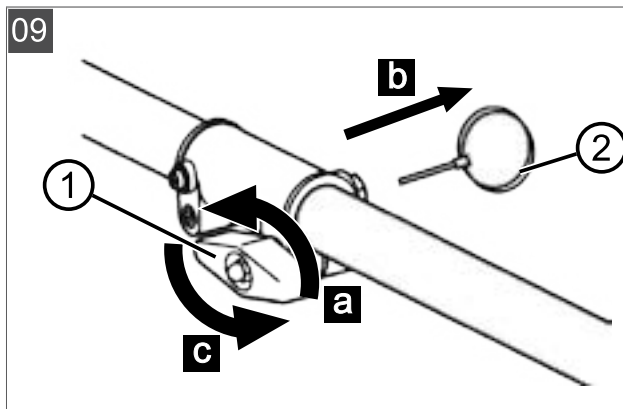
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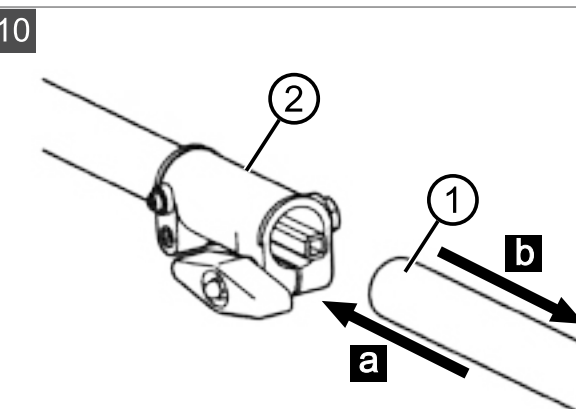
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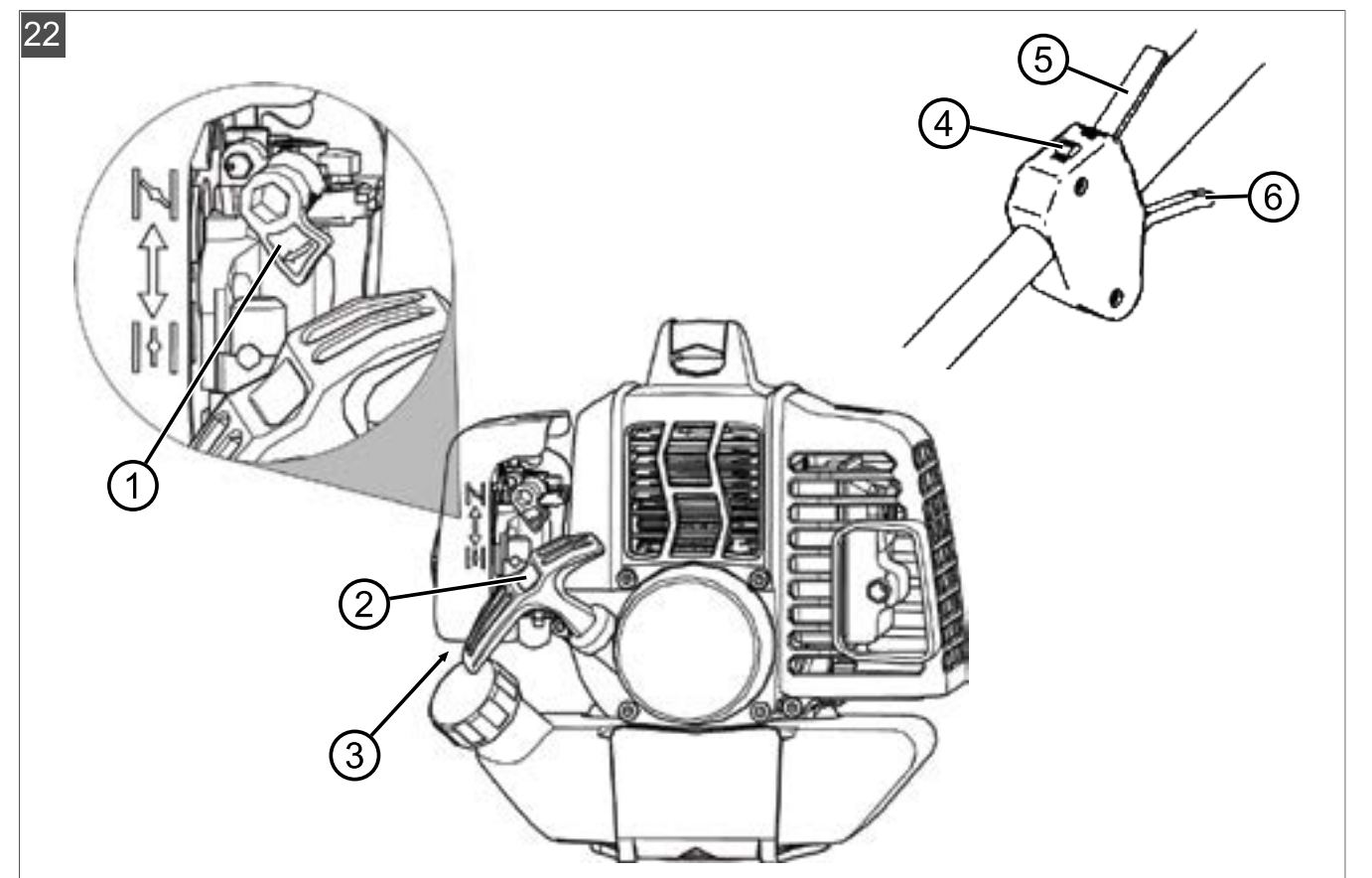
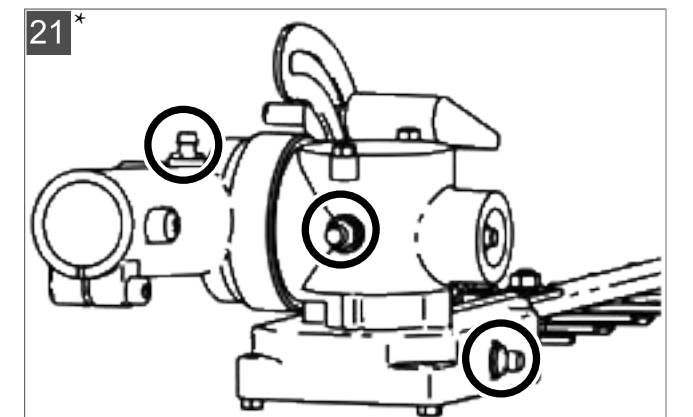
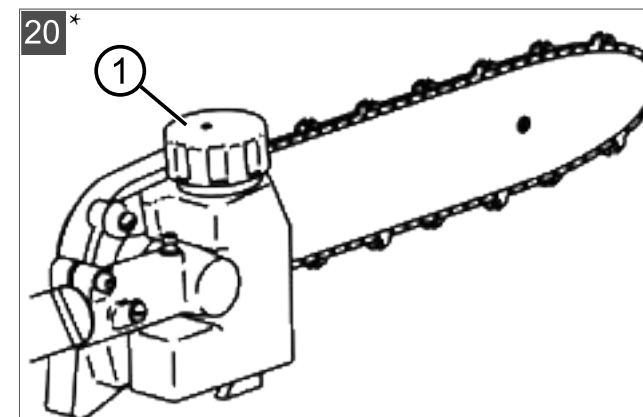
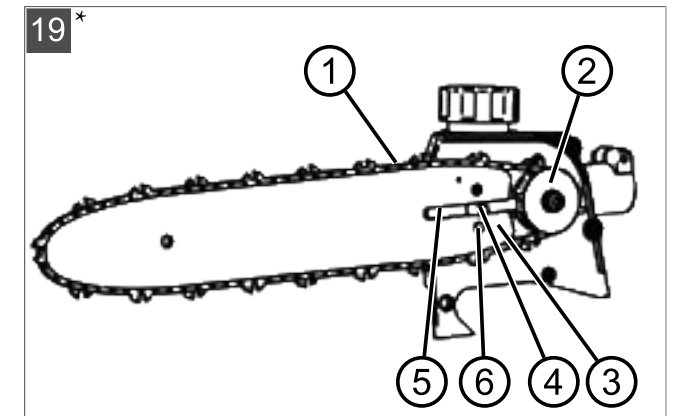
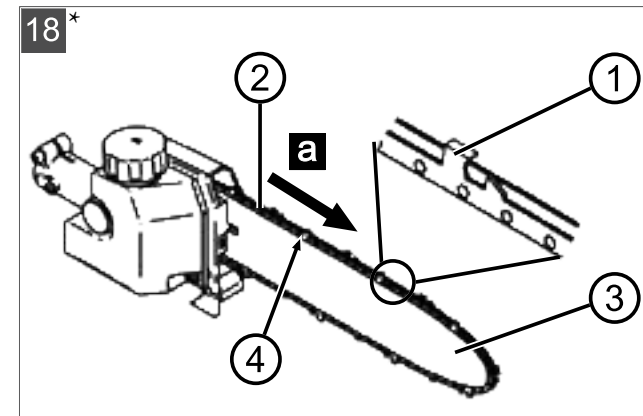
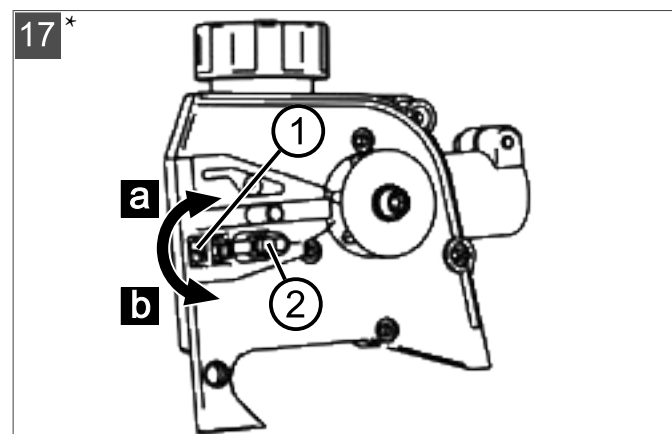
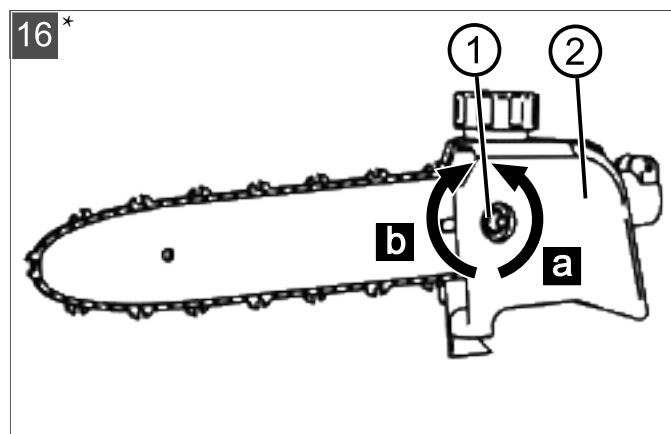
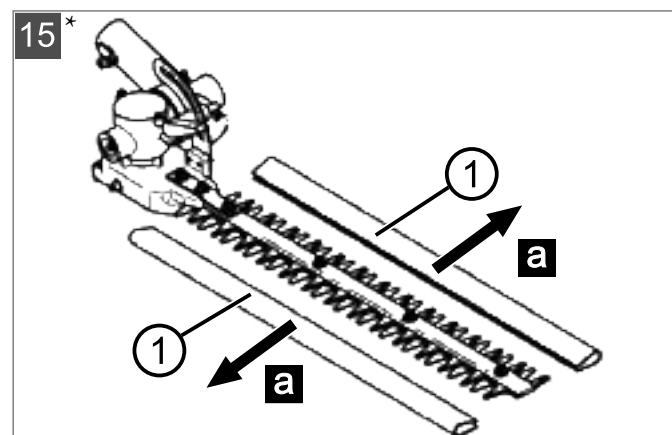
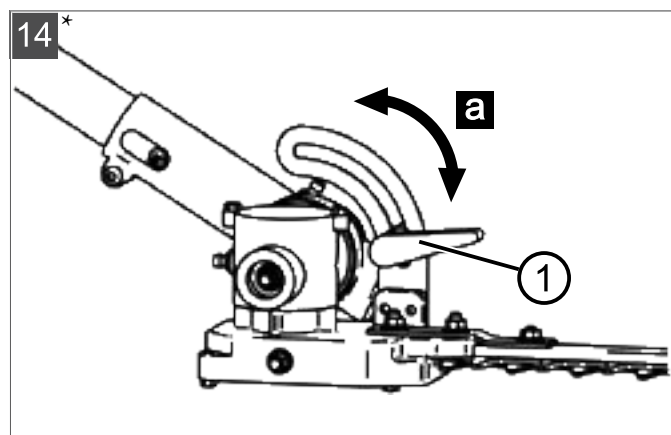
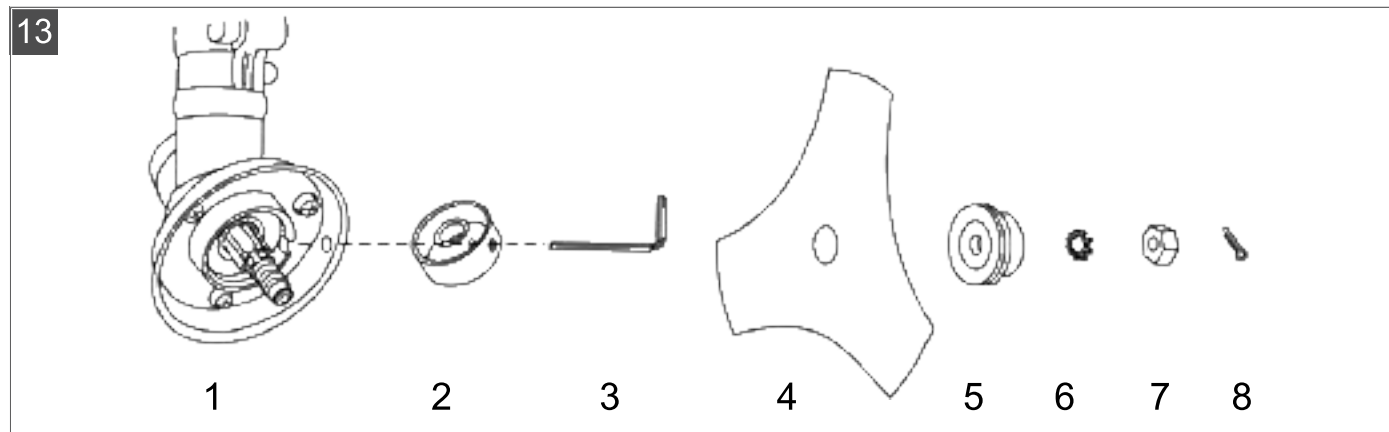
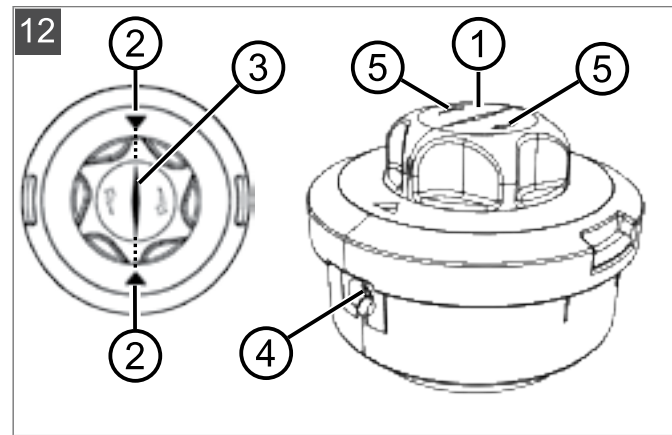
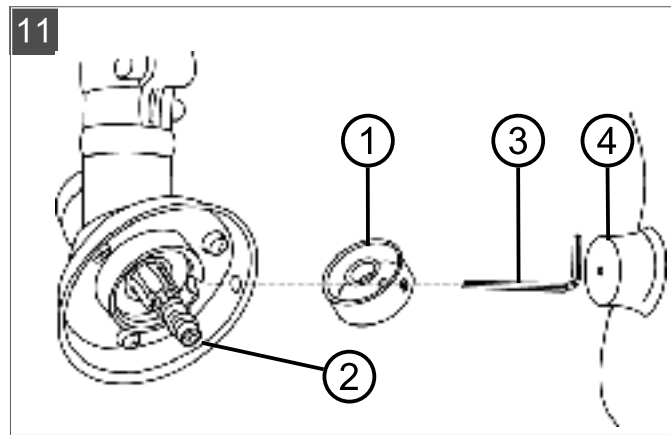
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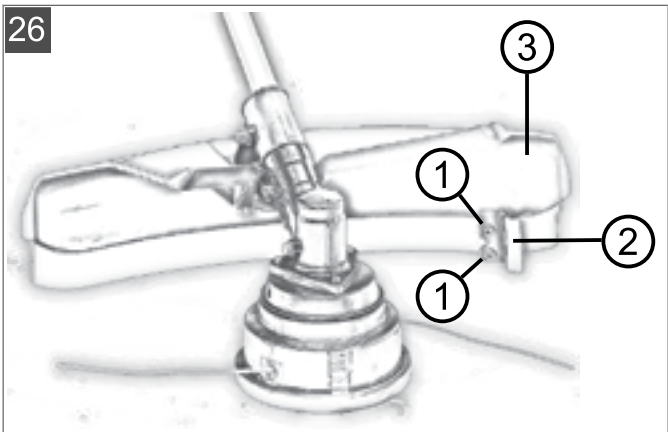
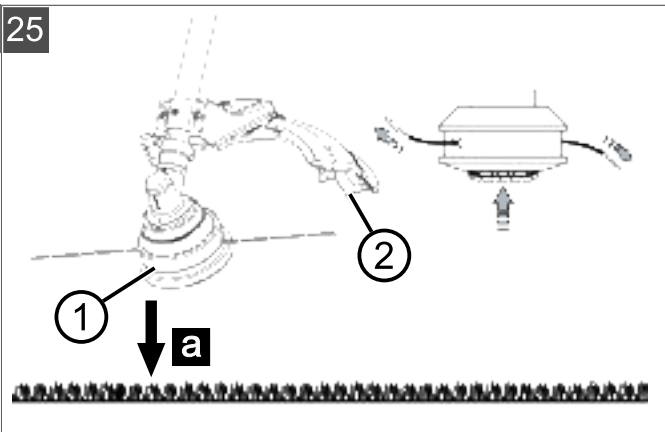
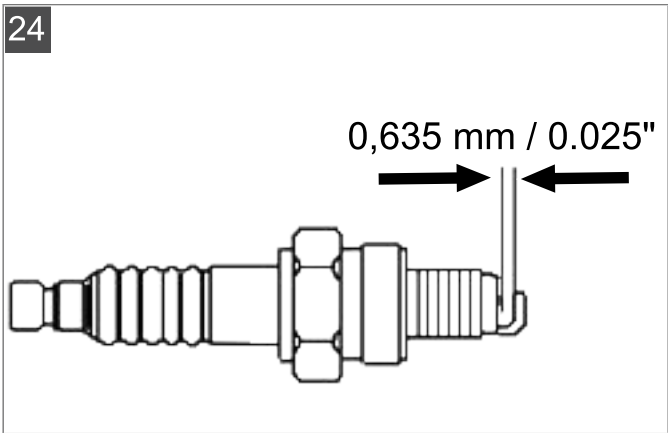
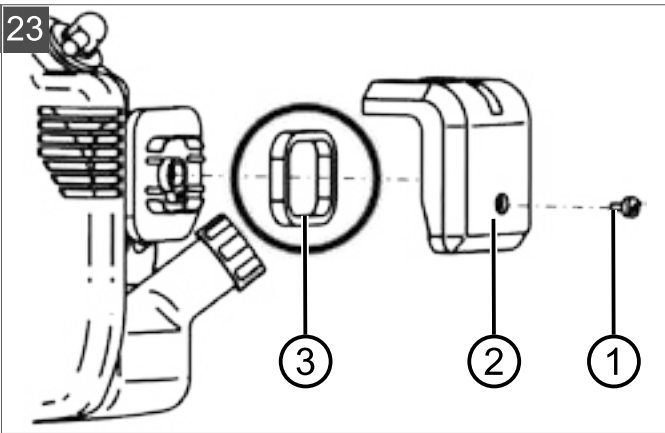


* Optional accessory, Not included with MT26SS.



* Optional accessory, Not included with MT26SS.

* Optional accessory, Not included with MT26SS.



	MT26SS	
	553372	
	26 cm ³	
	0,8 kW / 1,02 PS	
	2,8 kg	
	+5 °C – +40 °C	
	0,635 mm [0.025"]	

	6000 – 7000 min ⁻¹	
	1,87 kg	
	41 cm	25 cm
	[L _{pA} = 98,4 dB(A), K = 3 dB(A), EN ISO 22868]	[L _{pA} = 96,0 dB(A), K = 3 dB(A), EN ISO 22868]
	[L _{WA} = 113 dB(A), K = 3 dB(A), EN ISO 22868]	[L _{WA} = 112,5 dB(A), K = 3 dB(A), EN ISO 22868]

NOTE: Specifications are subject to change without notice.

		
	Front: 7,92 m/s ² [K = 1,5 m/s ² , EN 50636-2-91] Rear: 9,89 m/s ² [K = 1,5 m/s ² , EN 50636-2-91]	Front: 13,19 m/s ² [K = 1,5 m/s ² , EN ISO 11806-1] Rear: 11,31 m/s ² [K = 1,5 m/s ² , EN ISO 11806-1]

TRANSLATION OF THE ORIGINAL INSTRUCTIONS FOR USE

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1 ABOUT THESE OPERATING INSTRUCTIONS

- Always safeguard these operating instructions so that they can be consulted if you need any information about the appliance.
- Only pass on the appliance to other persons together with these operating instructions.
- Comply with the safety and warning information in these operating instructions.

1.1 Symbols on the title page

Symbol	Meaning
	It is essential to read through these operating instructions carefully before start-up. This is essential for safe working and trouble-free handling.
	Operating instructions
	Never operate the petrol powered device in the vicinity of open flames or heat sources.

1.2 Legends and signal words

 **DANGER!** Denotes an imminently dangerous situation which will result in fatal or serious injury if not avoided.

 **WARNING!** Denotes a potentially dangerous situation which can result in fatal or serious injury if not avoided.

 **CAUTION!** Denotes a potentially dangerous situation which can result in minor or moderate injury if not avoided.

IMPORTANT! Denotes a situation which can result in material damage if not avoided.

 **NOTE** Special instructions for ease of understanding and handling.

2 PRODUCT DESCRIPTION

2.1 Intended use

The following attachments can be operated with the MT26SS Line Trimmer.

- Trimmer attachment (03) for mowing thicker herbaceous plants and similar vegetation.
- Brush cutter attachment (04) for cutting soft grass and similar vegetation.
- Pole-mounted pruner attachment (05)* is intended for pruning established trees and other shrubs from the ground.
- Hedge trimmer attachment (06)* is intended for removing thin branches and new growth of hedges and bushes from the ground.

* Optional accessory, Not included with MT26SS.

The basic appliance and the attachments are intended solely for use in outdoor, non-commercial applications: Any other use, as well as unauthorised conversions or add-ons, are regarded as contrary to the intended use and will result in invalidation of the warranty as well as loss of conformity (CE mark); the manufacturer will thus decline any responsibility for damage and/or injury suffered by the user or third parties.

2.2 Possible foreseeable misuse

The tool is designed neither for commercial use in public parks and sports facilities, nor for use in farming and forestry.

Trimmer and brush cutter attachment

- Do not cut any shrubs, hedges, trees or flowers.
- Do not lift the attachment off the ground during operation.
- Do not use the attachment with anything other than the OEM cutting tools (blade and cutting line).

Pole-mounted pruner attachment*

- Do not saw off any branches that are directly or at an acute angle above the user or other persons.
- Do not operate the attachment standing on a ladder.
- Do not use the attachment for sawing building materials and plastics.
- Do not use any used oil or mineral oil.

Hedge trimmer attachment*

- Never press the hedge trimmer attachment quickly and with force through the branches to be cut off. Adjust your work movements to the speed of the attachment.
- Never remove branches jammed in the cutter bar when the attachment is running.
- Do not operate the attachment standing on a ladder.
- The attachment must not be used for cutting lawns, lawn edges or for shredding material in order to make compost.

2.3 Residual risks

Even during correct use of the appliance, there is always a certain residual risk that cannot be excluded. Depending on the use, the following potential risks can be derived from the type and construction of the appliance:

- Impairments to health arise from hand/arm vibration if the machine is used over a long period or is not correctly handled and maintained.
- Danger of burns due to touching hot components.
- Danger of fire.

Trimmer and brush cutter attachment

- Throwing out of cut material and inhaling cut material particles
- Cutting injuries from reaching into the rotating cutting line
- Danger of injury to the feet due to contact between the cutting tool and uncovered areas.

Pole-mounted pruner attachment*

- Contact with wood chips flying around and inhaling wood chip particles and oil mist
- Injuries caused by saw chain parts flying around
- Cutting injuries on the saw chain

Hedge trimmer attachment*

- Contact with falling branches and cut-off branches flying around
- Contact with branches under tension
- Cutting injuries on the cutter bar
- Injuries caused by parts of the cutter bar breaking off

2.4 Safety and protective devices

 **WARNING! Risk of injury.** Defective and disabled safety and protective devices can result in serious injury.

- Have any defective safety and protective devices repaired.
- Never disable safety and protective devices.

* Optional accessory, Not included with MT26SS.

2.5 Symbols on the brush cutter

Symbol	Meaning
	Pay special attention when handling this attachment!
	Read the operating instructions before starting operation!
	The distance between the attachment and persons not involved in the work must be at least 15 m in the entire area around the user.
	Wear a protective helmet, ear defenders and eye protection!
	Wear protective gloves!
	Wear sturdy shoes!
	Danger due to objects being thrown out!
	The distance between the attachment and persons not involved in the work must be at least 15 m in the entire area around the user.

Symbol	Meaning
	On no account may the brush cutter be operated with a saw blade!
	Danger during tool run-down.
	The distance between the attachment and persons not involved in the work must be at least 15 m in the entire area around the user.
	Maintain a distance of 15 m from live lines.
	Hot surface. Do not touch!
	Danger of fire! Pay special attention when handling petrol!

2.6 Product overview (01-06)

No.	Component
1	Petrol engine
2	Eye for carrying strap
3	Throttle lever detent
4	Throttle lever
5	START/STOP switch
6	Hand grip
7	Split shaft attachment
8	Split shaft
9	Guard plate
10	Line cutter
11	Spool head
12	Blade

3 SAFETY INSTRUCTIONS

3.1 General safety warnings

- Check the machine for possible damage:
 - Check that the moving parts are functioning correctly, do not stick and that there are no damaged parts. All parts must be installed correctly and meet all the conditions for ensuring correct operation.
 - Damaged or illegible safety stickers must be renewed.
- Do not leave tools connected! Before switching on, always check that all tools have been removed.
- Do not perform any repairs on the machine other than those described in the "Maintenance" chapter; instead, contact the manufacturer or the responsible customer service directly.
- Repairs to the machine must be carried out by the manufacturer or by one of its customer service centres.

3.1.1 Operator

- Young people under 16 years of age and people who do not know the operating instructions are not allowed to use the tool. Heed any country-specific safety regulations concerning the minimum age of the user.
- Do not operate the appliance if you are under the influence of alcohol, drugs or medication.

3.1.2 Personal protective equipment

- Wear clothing and protective equipment in accordance with the regulations in order to avoid injuries to the head and limbs, as well as to avoid hearing impairment.

- The personal protective equipment comprises:
 - Protective helmet, safety goggles and breathing protection
 - Long trousers and solid shoes
 - During maintenance and care: Protective gloves

3.1.3 Work area safety

- Only work during daylight or under very bright artificial light.
- Before working, remove any dangerous objects from the working area, e.g. branches, glass or metal pieces, stones.
- Make sure you are standing safely.

3.1.4 Safety of persons, animals and property

- Use the appliance only for the purposes for which it is intended. Any non-intended use can lead to injury and property damage.
- Switch on the appliance only when there are no persons or animals in the working area.
- Maintain a safe distance to persons or animals, or switch off the appliance if persons or animals approach.
- Never direct the exhaust gas jet of the engine towards persons and animals or towards inflammable products and objects.
- Do not reach into the vacuum and vent grilles when the engine is running. Injuries can occur due to rotating appliance parts.
- Always switch off the appliance when not in use, e.g. when changing the work area, during service and maintenance, and when filling with the petrol/oil mixture.
- Immediately switch off the appliance if there is an accident in order to avoid further injuries and/or property damage.
- Never operate the appliance with worn or defective parts. Worn or defective appliance parts can cause serious injuries.
- Keep the appliance out of the reach of children.

3.1.5 Appliance safety

- Only use the appliance under the following conditions:
 - The appliance is not soiled.
 - The appliance show no signs of damage.
 - All controls function properly.
- Keep all appliance handles dry and clean.

- Do not force the power tool. It is intended for light work in the private sector. Overload can lead to damage to the appliance.
- Never operate the appliance with worn or defective parts. Always replace defective parts with original spare parts from the manufacturer. If the appliance is operated with worn or defective parts, guarantee claims against the manufacturer are excluded.

3.1.6 Vibration load

- **Danger due to vibration**
The actual vibrations emitted during the use of the appliance may deviate from those stated by the manufacturer. Observe the following influencing factors before or during use:
 - Is the appliance being used as intended?
 - Is the material being cut or processed in the proper manner?
 - Is the appliance in a proper condition of use?
 - Is the cutting tool properly sharpened or is the correct cutting tool installed?
 - Are the handle grips and any optional vibration grips mounted, and are they firmly attached to the appliance?
- Only operate the tool at the combustion engine speed required for the respective work. Avoid using the maximum speed in order to reduce noise and vibrations.
- The noise and vibrations of the tool may increase due to improper use and maintenance. This leads to health damage. In this case, immediately switch off the tool and have it repaired by an authorised service workshop.
- The degree of stress due to vibration depends on the work to be performed or on the use of the tool. Estimate the stress and plan appropriate work breaks. This considerably reduces stress due to vibration over the entire working time.
- Extensive use of the tool exposes the operator to vibrations, which can lead to circulatory issues ("white fingers"). To avoid this risk, wear gloves and keep your hands warm. If any symptoms of "white fingers" occur, immediately consult a physician. These symptoms include: Numbness, loss of feeling, tingling, itching, pain, reduced muscular strength, changes in the colour or condition of the skin. Normally these conditions affect

the fingers, hands or pulse. The risk increases at low temperatures (below approx 10°C).

- Take long breaks during your working day so you can recover from the noise and the vibrations. Plan your work in such a way that the use of appliances that generate strong vibrations is spread over several days.
- If you notice an unpleasant sensation or discolouration of the skin on your hands when using the tool, stop work immediately. Take sufficient work breaks. Without sufficient breaks, a hand/arm vibration syndrome can occur.
- Minimise your risk of being exposed to vibrations. Maintain the tool according to the instructions in the operating instructions.
- If the tool is used frequently, contact your dealer to purchase anti-vibration accessories (e.g. handles).
- Define how the vibration load can be limited in a work plan.

3.1.7 Noise pollution

A certain level of noise exposure from this appliance is inevitable. Carry out noisy work at approved and specified time periods. Observe rest periods as necessary and restrict the duration of the work to a minimum. For your personal protection and protection of persons in the vicinity, appropriate hearing protection must be worn.

3.1.8 Handling of petrol and oil

- **Risk of explosion and fire:**
An escaping petrol/air mixture can cause an explosive atmosphere. Deflagration, explosion and fire can lead to serious and even fatal injuries if fuel is not handled properly. Observe the following:
 - Do not smoke when dealing with petrol.
 - Only handle petrol out of doors and never in enclosed spaces.
 - It is essential to heed the code of conduct stated below.
- Only transport and store petrol and oil in containers approved for that purpose. Ensure that children have no access to stored petrol and oil.
- In order to avoid ground contamination (environmental protection) when filling, ensure that no petrol or oil enters the soil. Use a funnel for filling.
- Never fill the appliance in enclosed spaces. Petrol vapours may gather at ground level,

and thereby result in a deflagration or even an explosion.

- Immediately wipe any spilled petrol off the appliance and the ground. Allow textiles used to wipe off petrol to dry in a well ventilated place before disposing of them. Otherwise, sudden self-ignition may occur.
- If petrol has been spilled, petrol vapours occur. For this reason, do not start the appliance at the same location but at least 3 m away.
- Avoid skin contact with mineral oil products. Do not inhale petrol vapours. When filling, always wear protective gloves. Change and clean protective clothing regularly.
- Ensure that your clothing does not come into contact with petrol. If petrol has got onto your clothing, change it immediately.
- Never fill the fuel tank while the engine is running or hot.

3.2 Safety instructions for trimmer and brush cutter

- Always operate the machine with two hands.
- Always keep hand and feet away from the cutting device, above all when switching on the motor.
- Wait for the cutting device to come to a standstill after the motor has been switched off.
- Only remove cuttings when the motor and cutting device are at a standstill.
- Because of danger of cutting injuries, do not touch the line cutter with unprotected hands.
- After pulling out a new line, always bring the appliance into its normal working position before switching it on.
- Do not use a metallic cutting line.
- Always keep the guard plate, spool head and motor clear of mowing residues.
- People who are not familiar with the appliance should practice handling it while the motor is turned off.
- When working on a slope:
 - Never work on a smooth and slippery slope.
 - Always mow across the slope, never down or up.
 - Always stand below the cutting device.
- After contact with a foreign object:
 - Switch off the engine.

- Check the machine for damage.

- Attach the blade so that it does not loosen and fall during operation.
- Never use the machine in the vicinity of highly inflammable fluids or gases. Risk of explosion and/or fire!

3.3 Safety instructions for the pole-mounted pruner*

- During pruning, lift the pole-mounted pruner to a maximum angle of 60°. At a steeper angle, you inevitably get into the area where cut-off branches can fall. Always stand outside this area.
- Plan an escape route in advance for getting out of the way of falling branches. This escape route must be free of obstacles such as sawn-off branches or slippery places that could hinder getting out of the way.
- Keep a safe distance from bystanders, animals, objects or buildings, which is at least approx. 2.5x the length of the branch to be sawn off. If that is not possible, saw the branch off piece by piece.
- Do not attempt to saw a branch that has a diameter greater than the length of the chain bar.
- Do not try to continue a cut that has already been started.
- Do not use the pole-mounted pruner for lifting or moving wood.
- Make sure that there are no foreign bodies in the wood (nails, etc.).
- Avoid moving branches or objects becoming caught in the saw chain. In this case, immediately switch off the pole-mounted pruner.
- Switch off the the basic appliance and push the protective cover over the saw chain for:
 - Inspection, adjusting and cleaning work
 - Work on the guide rail and saw chain
 - Leaving the attachment
 - Transport
 - Storage
 - Maintenance and repair work
 - Danger
- Maintain a minimum distance of 15 m to overhead electrical lines.

* Optional accessory, Not included with MT26SS.

3.4 Safety instructions for the hedge trimmer*

- Before cutting, check the hedges and bushes for concealed objects – e.g. wires, wire fences, electrical cables, garden equipment, bottles – and remove them.
- Move and transport the attachment so that persons and animals cannot touch the cutting blade. Before transport, push the protective cover over the cutting blade.
- During the work, do not hold the branches to be cut off.
- Before removing jammed branches, switch off the attachment and wait until the cutting blade has come to a standstill.
- Do not use the hedge trimmer for picking up or shovelling away pieces of wood or other objects.
- Switch off the basis appliance and push the protective cover over the cutting blade for:
 - Inspection, adjusting and cleaning work
 - Working on the cutting blade
 - Leaving the attachment
 - Transport
 - Storage
 - Maintenance and repair work
 - Danger
- Maintain a minimum distance of 15 m to overhead electrical lines.

4 ASSEMBLY

⚠ WARNING! Danger if assembly is not carried out completely! Operation of an incompletely assembled appliance can result in serious injury.

- Operate the device only when it is fully assembled!
- Before switching on, check that all safety and protective devices are in place and functioning correctly!

4.1 Engine unit

4.1.1 Installing the handle (07)

1. Place the lower part of handle (07/1) onto the rubber sleeve on the stem tube of the engine unit.
2. Place handle (07/1) onto the lower part of handle (07/2) and fasten the two parts together with the screws.

4.1.2 Installing the split shaft (09,10)

The attachments are attached using the split shaft.

1. Unscrew (09/a) locknut (09/1) and pull split pin (09/2) out slightly (09/b).
2. Push split shaft (10/1) completely into split shaft attachment (10/2).
3. Insert split pin (09/2) and fix (09/c) split shaft (10/1) with locknut (09/1).

4.1.3 Removing the split shaft (09,10)

1. Unscrew (09/a) locknut (09/1) and pull split pin (09/2) out slightly (09/b).
2. Pull (10/b) split shaft (10/1) out of split shaft attachment (10/2).

4.1.5 Attaching the carrying strap to the basic appliance

The carrying strap provided with your attachment transfers the load of the attachment, extension tube and basic appliance to your upper body.

1. Hang the carrying strap over your shoulder.
2. Hook the snap hook of the carrying strap into the eye on the basic appliance.
3. Adjust the length of the carrying strap by moving the buckle on the carrying strap so that the whole appliance is comfortable to carry.
4. Carry out a number of work movements with the appliance switched off to test the length of the carrying strap. Adjust the length of the carrying strap if necessary.

- Trimmer and brush cutter attachments must move parallel to the ground.

4.2 Brush cutter and trimmer attachment (03, 04)

4.2.1 Installing guard plate (08)

ⓘ NOTE The guard plate protects the user from objects being thrown out. The integrated knife (line cutter) automatically cuts the cutting line to the optimum length.

1. Place metal tab (08/1) under guard plate (08/2).
2. Secure to the split shaft using four screws (08/3).

4.2.2 Installing the spool (11)

⚠ WARNING! Risk of injury due to detaching appliance parts. Appliance parts detaching during operation can lead to serious injury.

- Attach the cutting tools so that they cannot come loose during operation.
1. If fitted: Remove the blade see *chapter 4.2.4 "Fitting the blade (13)"*.
 2. Place driver plate (11/1) onto guide pin (11/2) of the angle-drive gearbox.
 3. To lock, insert Allen key (11/3) into hole of driver plate (11/1).
 4. Screw spool head (11/4) onto the angle-drive gearbox and tighten. **Left-hand thread! Tighten the spool in anti-clockwise direction!**

4.2.3 Replacing the cutting line (12)

1. Turn rotary knob (12/1) until the arrows (12/2, 12/3) are aligned.
2. Push the cutting line into opening (12/4) until the line is the same length on both sides of the spool head.
3. Wind cutting line into spool head: Turn rotary knob (12/1) in the direction of arrows (12/5) until the cutting line protrudes by approx. 10 cm from the spool head on both sides.

4.2.4 Fitting the blade (13)

⚠ WARNING! Risk of injury due to detaching appliance parts. Appliance parts detaching during operation can lead to serious injury.

- Attach the cutting tools so that they cannot come loose during operation.
1. If fitted: Remove the spool head see *chapter 4.2.2 "Installing the spool (11)"*.
 2. Remove the smaller cutting guard from the cutting plate.
 3. Pull out split pin (13/8) and remove flange (13/5).

4. Place blade (13/4) onto driver plate (13/2) so that the hole in the blade lies precisely on the guide circle on the driver plate.
5. Place flange (13/5) onto the blade so that the flat side is pointing towards the blade.
6. Tighten fastening nut (13/7) on the guide pin of drive shaft (13/1) by inserting Allen key (13/3) into the hole provided and tightening by turning the key in anti-clockwise direction.
7. Secure fastening nut (13/7) with split pin (13/8).
8. Install the smaller cutting guard on the guard plate again.

4.3 Pole-mounted pruner attachment (05)*

4.3.1 Installing the guide rail and saw chain (16-20)

⚠ CAUTION! Risk of injury on the saw chain. The cutting edges of the saw chain are very sharp so that cutting injuries can occur when handling the saw chain. Before all work with the saw chain, heed the following:

- Switch off the engine.
 - Wear protective footwear.
1. Loosen (16/a) fastening nut (16/1) of chain sprocket cover (16/2). Remove the fastening nut and chain sprocket cover.
 2. Use the screwdriver on the combination spanner to loosen the chain tensioning screw (17/1). Turn the chain tensioning screw in anti-clockwise direction until chain tensioning pin (17/2) is at the rear end of the thread.
 3. Insert the saw chain:
 - Align (18/a) the cutting teeth (18/1) of the saw chain (18/2) that are to lie at the top of the guide rail to the tip of the guide rail (18/3).
Note: Make sure that the chain is correctly mounted!
 - Place the saw chain (18/2) in the groove (18/4) of the guide rail and guide completely around the guide rail.
 4. Lay the guide rail together with the saw chain laid on it in the open housing:
 - Lay the saw chain (19/1) around the drive sprocket (19/2).
 - Align the guide rail (19/3) in such a way that the guide pin (19/4) grips in the slot-hole (19/5) of the guide rail.
 - Align guide rail (19/3) so that chain tensioning pin (19/6) engages in one of the two chain tensioning holes.

* Optional accessory, Not included with MT26SS.

* Optional accessory, Not included with MT26SS.

- Align the saw chain (19/1) so that it is in contact in the groove of the guide rail (19/3) and on the drive sprocket (19/2).
- 5. Fit chain sprocket cover (16/2) and tighten (16/b) with fastening nut (16/1).
- 6. Fit cover (16/2) again and tighten fastening nut (16/1) finger-tight.
- 7. Tension the saw chain.

4.3.2 Tensioning and slackening the saw chain (17)

NOTE The saw chain has been tensioned correctly when:

- It is in contact with the underside of the guide rail and can be pulled through by hand.
 - It can be lifted by 3 – 4 mm in the middle of the guide rail.
1. Slightly loosen the fastening nut of the cover.
 2. Tension the saw chain; use the combination spanner:
 - Tensioning the saw chain: Turn the chain tensioning screw (17/1) clockwise (17/a).
 - Slackening the saw chain: Turn the chain tensioning screw (17/1) anti-clockwise (17/b).
 3. Check the chain tension (see *chapter 7.3.2 "Checking the chain tension"*). Repeat the previous step if necessary.

4.4 Hedge trimmer attachment (14, 15)*

The angle of the hedge trimmer attachment can be adjusted for optimum use.

1. Loosen adjusting lever (14/1).
2. Tilt the attachment to the desired position (14/a).
3. Tighten adjusting lever (14/1).
4. Remove (15/a) guard rails (15/1) before starting work.

5 FUEL AND SERVICE PRODUCTS

IMPORTANT! Danger of engine damage.

Pure petrol will result in damage and complete failure of the engine. Guarantee claims against the manufacturer are excluded in this case.

- Always operate the engine using the specified petrol/oil mixture ratio.

Observe the safety instructions see *chapter 3.1.8 "Handling of petrol and oil"*,

- Always close the tank lid tightly

- If petrol has leaked out:
 - Do not start the engine
 - Avoid start attempts
 - Clean the machine
 - Allow the remaining fuel to evaporate away

5.1 Mixing fuel

NOTE Only use fuel mixed with a 25:1 ratio. We recommend using fuels with a low bioethanol content < 5%.

1. Add petrol and a brand-name 2-stroke engine oil to a corresponding container, according to the table.
2. Thoroughly mix both parts.

5.2 Fuel mixing ratios

Mixing procedure	Petrol [litres]	Mixing oil [millilitres]
25 parts petrol	1 l	40 ml
1 part	3 l	120 ml
2-stroke mixing oil	5 l	200 ml

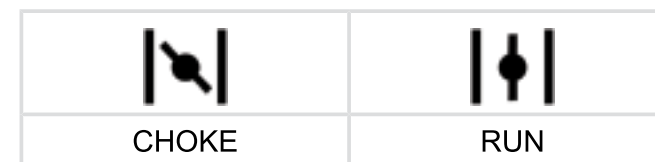
6 START-UP

NOTE Inspect the appliance for damage every day before starting work, if it is dropped or is subjected to other impacts. Have any damage repaired before putting the appliance into operation.

- Do not operate the machine if the cutting tool and/or the fastening parts are loose, damaged or worn!
- Pass the carrying strap over your left shoulder and hook the strap into the eye on engine unit (01/2)
- Stand securely.
- Always operate the blade with the guard plate in place
- Heed the country-specific regulations for the operating times of chain saws
- Always comply with the operating instructions supplied from the engine manufacturer
- Before using the cutting tool, check it for damage or cracks, and have damaged or worn parts replaced by genuine spare parts

6.1 Preparation

Positions of the choke lever



Cold start

If the engine is cold, i.e. if it has not been in use for more than 5 minutes, a "cold start" is carried out.

Warm start

If the engine is still warm from use, i.e. shortly after it was switched off, a "warm start" is carried out. The choke is not used here.

6.2 Starting/stopping the engine (22)

DANGER! Risk of poisoning. The engine exhaust gases contain carbon monoxide that can kill a person within a few minutes.

- Operate the engine only outdoors, never in a closed room.
- Do not inhale the engine exhaust gases.
- Switch off the engine if you feel nauseous, dizzy or weak when using this appliance. Immediately consult a doctor.

Starting the engine

NOTE Shorten the cutting line to 13 cm before starting in order not to overload the engine.

Cold start

1. Move START/STOP switch (22/4) to START.
2. Move choke lever (22/1) to the CHOKE position.
3. Press fuel pump (22/3) firmly several times (10x) until petrol/foam is visible in the suction pump.
4. Press the appliance firmly onto the ground with one hand.
5. Pull starter cord (22/2) out slowly until resistance is felt, then pull it further out quickly and strongly. Do not pull the starter cord all the way to the end of its travel, and guide the starter handle back slowly so that the starter cord will be wound in correctly.
6. Repeat this procedure until you hear the engine fire briefly.
7. Set the choke lever to the RUN position as soon as the engine has fired.

8. Pull out the starter cord until the engine starts.
9. Repeat steps 1-8 if the engine does not start.
10. The engine runs at idling speed when the throttle lever is released.

Warm start

1. Move START/STOP switch (22/4) to START.
2. Set choke lever (22/1) to RUN.
3. Lock throttle lever (22/6) as described for "Cold start".
4. Pull starter cord (22/2) quickly a maximum of 6 times – the engine starts. Keep throttle lever (22/6) fully depressed until the engine is running smoothly.
- If the engine does not start:
 - Set choke lever (22/1) to RUN
 - Pull starter cord (22/2) 5 times
- If the engine still does not start:
 - Wait for 5 minutes and then try again with the throttle lever depressed

Stopping the engine

1. Release the throttle lever (22/6) and let the engine run at idling speed.
2. Move START/STOP switch (22/4) to STOP.

7 OPERATION

Whilst trimming and cutting, always keep the engine running in its upper engine speed range.

7.1 Working with grass trimmer attachment

7.1.1 Trimming

- Angle the machine slightly forwards and move it from left to right at an appropriate and even speed.
- The best cutting results are achieved when cutting dry grass.
- Do not move the cutting line directly along walls and stone slabs, since this will cause the cutting line to wear too quickly.
- Cut long grass and relatively dense vegetation in several passes to prevent the spool from blocking.
- Adapt the engine speed and the depth of cut to the working conditions. If the engine is not running fast enough, it is possible for undergrowth to get snagged or caught in the cutting tool.
- If grass, branches or other objects get caught in the cutting tool or the machine vibrates un-

usually, switch the engine off immediately and check the machine.

- A blocked angle-drive gearbox can cause damage to the clutch.
- The cutting line continues to turn after the trimmer attachment has been switched off. Consequently, wait until the line has stopped before you switch the machine back on again.
- Change the cutting line when the spool is empty.

7.1.2 Extending the cutting line (25)

NOTE The line cutter on the guard plate shortens the line to the permitted length.

The cutting line shortens during operation and frays out.

- Tap (25/a) the spool head (25/1) on the ground from time to time. This unwinds a piece of new cutting line from the spool and cuts off the used end of the cutting line (25/2).

7.2 Working with brush cutter attachment

7.2.1 Avoiding kickback

- Make sure you can stand securely. Keep your feet apart at a comfortable distance, and always be prepared for the possibility of kickback.
- Before starting cutting, allow the cutting blade to reach its full working speed.

7.2.2 Mowing

- Angle the machine slightly forwards and move it from right to left at an appropriate and even speed. In this way, the cut material will fall onto the area that has already been mown.
- Cut long grass and relatively dense vegetation in several passes. To do this, first trim the upper part of the material being cut by sweeping the machine to the right. Then sweep the machine to the left in the opposite direction and mow the lower part.
- When working on a slope, proceed in strips. Mow one strip parallel to the slope, then walk back along the mown area and mow the next strip.
- Adapt the engine speed and the depth of cut to the working conditions. If the engine is not running fast enough, it is possible for undergrowth to get snagged or caught in the cutting tool.

- If grass, branches or other objects get caught in the cutting tool or the machine vibrates unusually, switch the engine off immediately and check the machine.
- A blocked angle-drive gearbox can cause damage to the clutch.
- Never remove trapped cut material when the cutting blade is still running. Consequently, wait until the cutting blade has stopped.
- If the cutting blade is blunt, broken or bent, replace it with a genuine spare part.

7.3 Working with pole-mounted pruner attachment*

7.3.1 Avoiding kickback

When working with the saw of the pole-mounted pruner, saw kickback can occur if the tool is not used correctly. To avoid this:

- Always hold the pole-mounted pruner firmly with both hands.
- Do not start the cut unless the saw chain is running.
- To allow better monitoring, saw with the bottom edge of the guide rail. Always position the pole-mounted pruner as flat as possible when doing this.
- Never saw with the tip of the guide rail.
- Sawing with the top edge can cause the saw to kick back if the saw chain jams or encounters a solid object in the wood.
- Do not work unless the saw chain is correctly sharpened and tensioned.

7.3.2 Checking the chain tension

CAUTION! Danger of injury due to the saw chain jumping off! An insufficiently tensioned saw chain can jump off during operation and lead to injury.

- Frequently check the chain tension. The chain tension is too low if the drive links come out of the groove on the underside of the chain bar.
- Re-tension the saw chain properly if the chain tension is too low.

Frequently check the chain tension, because new saw chains stretch.

1. Pull through the saw chain a little by hand and, while doing so, check:
 - When cold: The saw chain has been tensioned correctly when it can be lifted by approx. 3 – 4 mm in the middle of the

guide rail and can be pulled though easily by hand. At operating temperature, the saw chain stretches and hangs down.

- The drive links of the saw chain are not allowed to come out of the groove on the underside of the guide rail – otherwise the saw chain could jump off.
2. Re-tension the saw chain if necessary see chapter 4.3.2 "Tensioning and slackening the saw chain (17)",

7.4 Working with the hedge trimmer attachment*

- Hold the hedge trimmer at the required angle.
- The maximum cutting diameter depends on the type of wood, its age, moisture content and the hardness of the wood. As a result, cut very thick branches back to the appropriate length using pruning shears before you start to trim the hedge.
- The double-sided blade of the hedge trimmer can be guided forwards and backwards, or swept from one side to another with oscillating movements.
- First cut the sides of the hedges and only after that do the top.
- Cut the hedge from the bottom upwards.
- Cut the hedge in a trapezoidal shape. This prevents foliage loss in the lower area of the hedge due to lack of light.
- Stretch a guideline along the length of the hedge if you want to cut the top of the hedge level.

8 MAINTENANCE AND CARE

WARNING! Danger of cuts and lacerations. Danger of cuts and lacerations when reaching into sharp-edged, moving appliance parts and into cutting tools.

- Before maintenance, care and cleaning work, always switch off the appliance.
- Always wear protective gloves during maintenance, care and cleaning work.
- Do not expose the machine to rain or moisture.
- Clean plastic parts with a cloth and do not use any cleaning agents or solvents.
- Check the electrical contacts for corrosion, clean with a fine wire brush if necessary and then spray with a contact spray.

8.1 Engine unit (23, 24)

8.1.1 Cleaning the air filter (23)

IMPORTANT! Danger of engine damage.

Operation of the engine without air filter will result in serious engine damage!

- Never operate the appliance without air filter.
- Clean the air filter at regular intervals.
- Replace a damaged air filter.

1. Loosen star screw (23/1)
2. Remove cover (23/2).
3. Remove air filter (23/3).
4. Clean the air filter with soap and water. Do not use petrol!
5. Allow the air filter to dry.
6. Install the air filter in reverse order.

8.1.2 Installing the fuel filter

IMPORTANT! Danger of engine damage.

Operation of the engine without fuel filter will result in serious engine damage!

- Never operate the appliance without a fuel filter.
- Clean the fuel filter at regular intervals.
- Replace a damaged fuel filter.

1. Remove the tank lid fully.
2. Drain the fuel into a suitable container.
3. Use a wire hook to pull the filter out of the tank.
4. Pull off the filter with a turning movement.
5. Renew the filter.

8.1.3 Carburettor setting

The carburettor is optimally set at the factory.

8.1.4 Changing the spark plug (24)

Electrode gap, see "Technical data".

1. Tighten the spark plug to a torque of 12-15 Nm.
2. Put the spark plug connector onto the spark plug.

8.2 Trimmer and brush cutter attachment

8.2.1 Cleaning the guard plate

NOTE Clean the guard plate regularly in order to avoid the split shaft overheating.

1. Switch off the machine.
2. Use a screwdriver or a similar tool to remove mowing residues carefully.

* Optional accessory, Not included with MT26SS.

* Optional accessory, Not included with MT26SS.

8.2.2 Sharpening line cutter (26)

1. Loosen the mounting screws (26/1).
2. Clamp the line cutter (26/2) in a vice and sharpen it using a file. File in one direction only.
3. Attach the line cutter to the guard plate (26/3) again using the mounting screws. Tighten the mounting screws firmly.

8.2.3 Changing the line cutter (26)

1. Loosen the mounting screws (26/1).
2. Attach the new line cutter to guard plate (26/3) again using the mounting screws. Tighten the mounting screws firmly.

8.2.4 Replacing the blade

Replacing the blade: see *chapter 4.2.4 "Fitting the blade (13)"*.

8.3 Pole-mounted pruner attachment*

8.3.1 Filling saw chain oil (20)

There is no saw chain oil in the attachment on delivery.

IMPORTANT! Danger of damage to the appliance. Use of the appliance without saw chain oil leads to damage of the saw chain and the guide rail.

- Never operate the appliance without saw chain oil.
- Before starting work, fill the saw chain oil in the oil tank and check the oil level during the work.
- At least before starting work each time, check that the chain lubrication is working.

The service life and cutting performance of the saw chain depend on optimum lubrication. The saw chain has oil applied to it automatically during operation.

IMPORTANT! Danger of damage to the appliance. Due to the metallic abrasion it contains, the use of used oil for lubricating the chain would lead to premature wear of the guide rail and saw chain. Also, the warranty of the manufacturer will become void.

- Never use used oil, only biologically degradable saw chain oil.

IMPORTANT! Danger of environmental damage. The use of mineral oil for the chain lubrication leads to serious environmental damage.

- Never use mineral oil, but only biologically degradable saw chain oil.

Each time before starting work, check the oil level and replenish the saw chain oil if necessary:

1. Check the oil level in the oil tank. It must always be possible to see oil. The minimum and the maximum oil level must not be exceeded.
2. Place and hold the pole-mounted pruner horizontal on a firm surface.
3. Clean the appliance around the oil tank cap (20/1).
4. Unscrew the oil tank cap (20/1).
5. Fill the oil tank with biologically degradable saw chain oil. Do not allow it to overrun.
 - Use a funnel for easier filling.
 - Do not allow any dirt to get into the oil tank.
6. Screw down the oil tank cap (20/1) again.

8.3.2 Regulating and checking the chain lubrication

Regulating the chain lubrication

The chain lubrication is set at the factory. The oil quantity may vary depending on the wood types and working techniques, and must be corrected.

1. Regulate the chain lubrication using the set-screw that is located under the machine.



- Turning anticlockwise = Large amount of oil (MAX)
- Turning clockwise = Small amount of oil (MIN)

Checking the chain lubrication

IMPORTANT! Danger of damage to the appliance. Ground contact invariably leads to blunting of the saw chain.

- Do not make contact with the ground with the chain and maintain a safety distance of 20 cm.

1. Switch on the appliance.
2. Hold the tip of the guide rail in the direction of a cardboard box or paper on the ground.
 - If the check produces a growing trace of oil, this indicates the automatic oiling function is operating correctly.
 - If there is no trace of oil even though the oil tank is full: Clean the oil entry hole in the appliance and the groove of the guide rail.

If this is not successful, please contact our customer service.

* Optional accessory, Not included with MT26SS.

8.3.3 Replacing the saw chain and guide rail

Replacing the saw chain and guide rail

The saw chain and guide rail are exposed to significant wear. Change the saw chain and guide rail immediately if correct function is not assured.

Note: The replacement chain for the pole-mounted pruner can be purchased separately from Masport service dealer.

8.3.4 Turning the guide rail

In order to avoid one-sided wear on the guide rail, turn it every time the chain is changed.

8.3.5 Sharpening the saw chain

CAUTION! Risk of injury due to kickback. Damaged or incorrectly sharpened saw chains increase the danger of kickback! This can result in injuries.

- Clean the saw chain regularly.
- Check the saw chain regularly for damage and replace if necessary.
- If you are not familiar with sharpening the chain: Contact our relevant customer service.

The saw chain must be sharpened in the following cases:

- Only sawdust is thrown out, rather than wood chips.
- The pole-mounted pruner must be forced through the wood during pruning.

For the inexperienced user: Have the saw chain sharpened by a specialist/customer service. If you are sharpening the saw chain yourself, heed the following values. Accessories can be obtained from specialist retailers.

NOTE Only remove a little material when sharpening! We recommend using a chain sharpening tool for sharpening your saw chain.

8.3.6 Cleaning the guide rail

1. Clean the guide rail, the groove of the guide rail and the oil outlet openings regularly.
2. Use a flat file to remove the burrs that have built up on the guide rail due to the saw chain.
3. Turn the guide rail after each chain change/chain sharpening in order to avoid one-sided wear.

8.3.7 Checking and cleaning the drive sprocket

The load on the drive sprocket (19/2) is particularly intense. Therefore, perform the following tasks:

1. Check the teeth of the drive sprocket regularly for wear or damage.
2. Clean the drive sprocket and guide rail attachment with a brush.

NOTE A worn or damaged drive sprocket reduces the service life of the saw chain, and so the drive sprocket should be renewed without delay by the customer service.

8.4 Hedge trimmer attachment*

8.4.1 Lubricating the pivot head (21)

The pivot head must be lubricated every 20 operating hours at the three grease nipples using environmentally friendly grease.

9 STORAGE

WARNING! Danger of explosion and fire. Petrol and oil are highly flammable. Fire can lead to serious injuries.

- Do not store the appliance close to naked flames or sources of heat.
- Do not store the appliance in a room in which electric tools are operated.

Thoroughly clean the appliance after each use and – if present – attach all covers. Store the appliance in a dry, lockable place out of the reach of children.

If the appliance is not going to be used for more than 2 – 3 months, the following work is necessary to avoid any damage:

1. Drain the fuel tank.
2. Start the engine and let it run at idling speed until it stops.
3. Allow the engine to cool down.

* Optional accessory, Not included with MT26SS.

4. Unscrew the spark plug using a spark plug spanner.
5. Fill a teaspoon of 2-stroke oil into the combustion chamber.
6. Pull the starter cord slowly several times to distribute the oil inside the engine.
7. Screw the spark plug back in.
8. Cleaning the appliance:
 - Clean the complete appliance and the accessories using a soft brush or wipe with a cleaning rag. Do not use petrol or other solvents!
 - Do not clean the appliance with running water or high-pressure cleaners.
 - Remove dirt from all appliance openings. Keep the ventilation slots of the engine cooling system clear.
 - Keep the handles free from oil and grease. Water, solvents and polishes must not be used.
9. Store the appliance in a cool, dry place.

10 PUTTING BACK INTO OPERATION

Thoroughly clean the appliance after each use and – if present – attach all covers. Store the appliance in a dry, lockable place out of the reach of children.

1. Remove the spark plug.
2. Pull the starter cord smartly in order to remove residual oil from the combustion chamber.
3. Clean the spark plug, check the electrode gap and renew the spark plug if necessary.
4. Prepare the machine for use.
5. Fill the tank with the correct fuel/oil mixture.

11 DISPOSAL



- Petrol and motor oil do not belong in household waste or the public sewer system, but should be collected and disposed of separately.
- Before disposing of the device you must empty the fuel tank and the engine oil tank!
- Packaging, equipment and accessories are made from recyclable materials, and must be disposed of accordingly.



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