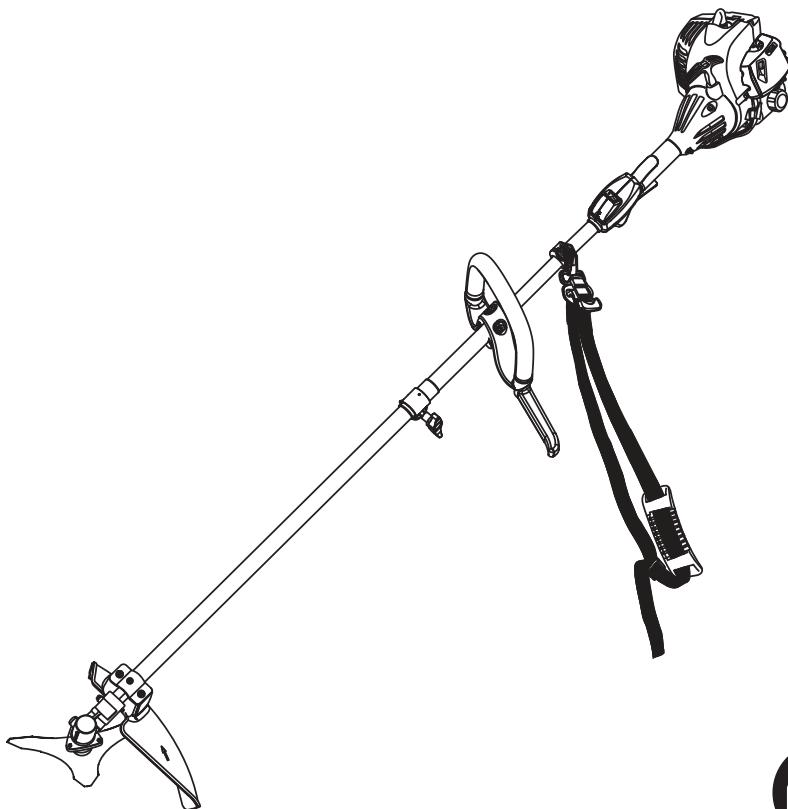


RYOBI®

RBC26SESB

STRING TRIMMER/BRUSHCUTTER ORIGINAL INSTRUCTIONS



Important!

It is essential that you read the instructions in this manual before assembling, maintaining and operating this machine.
Subject to technical modifications.

English (Original Instructions)

SYMBOLS

Important: Some of the following symbols may be used on your tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and more safely.

SYMBOLS	NAME	EXPLANATION
	Safety Alert	Indicates danger, warning or caution. It means attention!!! Your safety is involved.
	Read Your Operator's Manual	Your manual contains special messages to bring attention to potential safety concerns as well as operating and servicing information. Please read all the information carefully to ensure satisfaction and safe use.
	Wear eye, hearing and head protection	Wear eye, hearing and head protection when operating this equipment.
		Danger of Ricochet. Keep all bystanders, especially children and pets, at least 15 m from the operating area.
	Tri-Arc blade	Tri-Arc blade is appropriate for this unit and is suited for cutting pulpy weeds and vines.
	Do not use toothed blade	This unit is not intended for use with a toothed saw blade.
	RPM Decal	Rotational direction and maximum speed of the shaft for the cutting attachment..
	Boots	Wear non-slip safety footwear when using this equipment.
	Gloves	Wear non-slip, heavy-duty gloves.
	No Smoking	Do not smoke when mixing fuel or filling the fuel tank.
	Petrol	Use unleaded petrol intended for motor vehicle use with an octane rating of 91 ([R+M]/2) or higher.
	Oil	Use 2-stroke oil for air cooled engines.
	Mix Petrol and Oil	Mix the fuel mix thoroughly and also each time before refuelling.
	Blade thrust	Beware of blade thrust.

English (Original Instructions)

	Blade hazard	Keep hands away from blades
		Set the choke lever to "Run" choke position.
		Full choke position
		Half choke position
		Place the engine switch to the "I" position
		PRIME - press the primer bulb 10 times slowly.
		Squeeze throttle trigger to start/run.
		Pull the starter rope to start.
		Wait for 10 seconds.
		To stop the unit: Place the engine switch to the "O" position.
		Conforms to all regulatory standards in the country in the EU where the product is purchased.
		EurAsian Conformity Mark
		Guaranteed sound power level is 109 dB.
		Pull: Quick release tab
		Ukrainian mark of conformity

English (Original Instructions)

Safety, performance, and dependability have been given top priority in the design of your string trimmer/brushcutter.

INTENDED USE

This product is only intended for use outdoors in a well ventilated area.

The product is intended for cutting long grass, pulpy weed, brush and similar vegetation at or about ground level. The cutting plane should be approximately parallel to the ground surface. The product should not be used to cut or trim hedges, bushes or other vegetation where the cutting plane is not parallel to the ground surface.



WARNING

To reduce the risk of injury, the user must read and understand the operator's manual.



WARNING

Do not attempt to operate this trimmer/brushcutter until you have read thoroughly and understood completely all instructions, safety rules etc contained in this manual. Failure to comply may result in accidents involving fire, electric shock or serious personal injury. Save operator's manual and review frequently for continuing safe operation, and instructing others who may use this tool.

READ ALL INSTRUCTIONS.

GENERAL SAFETY WARNINGS

- For safe operation, read and understand all instructions before using the trimmer/brushcutter. Follow all safety instructions. Failure to follow all safety instructions listed below, can result in serious personal injury.
- Do not allow children or untrained individuals to use this unit.
- Never start or run the engine in a closed or poorly ventilated area; breathing exhaust fumes can kill.
- Clear the work area before each use. Remove all objects such as rocks, broken glass, nails, wire, or string which can be thrown or become entangled in the bump head or blade.
- Wear full eye and hearing protection while operating this unit.
- Wear heavy long trousers, boots, and gloves. Do not wear loose fitting clothing, short trousers, jewellery of any kind, or use with bare feet.
- Secure long hair so it is above shoulder level to prevent entanglement in any moving parts.

- Keep all bystanders, children and pets at least 15 m away.
- Do not operate this unit when you are tired, ill, or under the influence of alcohol, drugs, or medication.
- Do not operate in poor lighting.
- Keep firm footing and balance. Do not overreach. Overreaching can result in loss of balance or exposure to hot surfaces.
- Keep all parts of your body away from any moving part.
- Do not touch area around the exhaust, silencer or engine of the trimmer/brushcutter, these parts get hot during operation.
- Always stop the engine and remove the spark plug wire before making any adjustments or repairs except for carburetor adjustments.
- Inspect the unit before each use for loose fasteners, fuel leaks, etc. Replace any damaged parts before use.
- It has been reported that vibrations from hand-held tools may contribute to a condition called Raynaud's Syndrome in certain individuals. Symptoms may include tingling, numbness and blanching of the fingers, usually apparent upon exposure to cold. It is presently unknown what, if any, vibrations or extent of exposure may contribute to the condition. Hereditary factors, exposure to cold and dampness, diet, smoking and work practices are all thought to contribute to the development of these symptoms. There are measures that can be taken by the operator to possibly reduce the effects of vibration:
 - a) Keep your body warm in cold weather. When operating the unit, wear gloves to keep the hands and wrists warm.
 - b) After each period of operation, exercise to increase blood circulation.
 - c) Take frequent work breaks. Limit the amount of exposure per day.If you experience any of the symptoms of this condition, immediately discontinue use and see your physician about these symptoms.
- Keep the tool well maintained, fasteners tightened and worn parts replaced.
- Mix and store fuel in a container approved for fuel.
- Mix fuel outdoors where there are no sparks or flames. Wipe up any fuel spillage. Move 9 m away from the refueling site before starting the engine.
- Stop the engine and allow to cool before refueling, performing adjustments or maintenance or storage.
- Allow the engine to cool; empty the fuel tank and secure the unit from moving before transporting in a vehicle.

TRIMMER SAFETY WARNINGS

- Replace bump head if cracked, chipped, or damaged

English (Original Instructions)

in any way. Be sure the bump head or blade is properly installed and securely fastened. Failure to do so can cause serious injury.

- Make sure all guards, straps, deflectors and handles are properly and securely attached.
- Use only the manufacturer's replacement line in the cutting head. Do not use any other cutting attachment.
- Never operate unit without the grass deflector in place and in good condition.
- Maintain a firm grip on both handles while trimming. Keep bump head below waist level. Never cut with the bump head located more than 76 cm above the ground.

BRUSHCUTTER SAFETY WARNINGS

- After engine stops, keep rotating blade in heavy grass or pulpy weeds until it stops.
- Do not operate the brushcutter unless the blade guard is firmly secured in place and in good condition.
- Use heavy gloves while installing or removing blades.
- Always stop the engine and remove the spark plug wire before attempting to remove any obstruction caught or jammed in the blade or before removing and installing the blade.
- Do not attempt to touch or stop the blade when it is rotating.
- A coasting blade can cause injury while it continues to spin after the engine has been stopped or the throttle trigger has been released. Maintain proper control until the blade has completely stopped rotating.
- Replace any blade that has been damaged. Always make sure blade is installed correctly and securely fastened before each use. Failure to do so can cause serious injury.
- Use only the manufacturer's replacement TRI-ARC blade intended for use on this brushcutter. Do not use any other blade.
- The TRI-ARC blade is suited for cutting pulpy weeds and vines only. Do not use for any other purpose. Never use the TRI-ARC blade to cut woody brush.
- Exercise extreme caution when using the blade with this unit. Blade thrust is the reaction that may occur when the spinning blade contacts anything it cannot cut. This contact may cause the blade to stop for an instant, and suddenly "thrust" the unit away from the object that was hit. This reaction can be violent enough to cause the operator to lose control of the unit. Blade thrust can occur without warning if the blade snags, stalls, or binds. This is more likely to occur in areas where it is difficult to see the material being cut. For cutting ease and safety, approach the weeds being cut from the right to the left. In the event an

unexpected object or woody stock is encountered, this could minimize the blade thrust reaction.

- Never cut any material with diameter over 13 mm.
- Always wear the shoulder strap when using the brushcutter and adjust to a comfortable operating position. Maintain a firm grip on both handles while cutting with a blade. Keep the blade away from body and below waist. Never use the brushcutter with the blade located 76 cm or more above the ground level.
- Cover the blade with the blade protector before storing the unit, or during transportation. Always remove the blade protector before using the unit. If not removed, the blade protector could become a thrown object as the blade begins to turn.

RESIDUAL RISK

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

- Injury caused by vibration. Always use the right tool for the job, use designated handles and restrict working time and exposure.
- Exposure to noise can cause hearing injury. Wear ear protection and limit exposure
- Kickback can occur when using the brush cutter. Ensure proper control by using both hands on the designated handles. Read and follow the directions elsewhere in this manual to help reduce the risk of kickback.

English (Original Instructions)

SPECIFICATIONS

	RBC26SESB
Weight (kg)	
- Without fuel, cutting attachment and harness	5.38
- Without fuel, with bump head	5.85
- Without fuel, with blade	5.59
Fuel tank volume [cm ³ or (L)]	250 or (0.25)
Cutting swath (mm)	
- Bump head	457
- Blade	256
Recommended torque for blade (Nm)	11
Engine displacement (cm ³ / cc)	26
Line diameter (mm)	2.4
Maximum engine performance (in accordance with ISO 8893) (kW)	0.65
Maximum rotational frequency of the spindle (min ⁻¹)	10,000
Engine speed (rotational frequency) at recommended max. spindle rotational frequency (min ⁻¹)	12,000
Engine speed (rotational frequency) at idle (min ⁻¹)	2,800-3,800
Fuel consumption (in accordance with ISO 8893) at max. engine performance [kg/h or (L/h)]	0.33 or (0.45)
Specific fuel consumption (in accordance with ISO 8893) at max. engine performance [g/kW.h or (L/kW.h)]	508 or (0.7)
Vibration (in accordance with ISO 22867)	
Front handle (line trimmer/brushcutter)	
- Idling	6.2 / 4.2 m/s ²
- Racing	14.5 / 9.5 m/s ²
- equivalent vibration total value	11.1 / 7.3 m/s ²
Rear handle (line trimmer/brushcutter)	
- Idling	4.7 / 4.8 m/s ²
- Racing	12.8 / 13.3 m/s ²
- equivalent vibration total value	9.6 / 10.0 m/s ²
Uncertainty	1.5 m/s ²
Noise emission (in accordance with ISO 22868)	
A-weight emission sound pressure level at the operator's position (line trimmer/brushcutter)	
- Idling	78.1 / 76.1 dB(A)
- Racing	94.9 / 94.2 dB(A)

English (Original Instructions)

- equivalent	92.0 / 91.2 dB(A)
A-weight emission sound power level	
- Idling	87.1 dB(A)
- Racing	105.7 dB(A)
- equivalent	105.7 dB(A)
Uncertainty	2.5 dB

DESCRIPTION

Please refer to figure sheet

1. Primer Bulb
2. Choke Lever
3. Fuel Cap
4. Starter Grip
5. Throttle Lock
6. On / Off Switch
7. Throttle Trigger
8. Rear Handle
9. Front Handle
10. Shoulder Strap
11. Upper Shaft
12. Blade Guard
13. Tri-arc Blade
14. Grass Deflector
15. Cutting Line
16. Idle Speed Screw
17. Knob
18. Hanger Cap
19. Trimmer attachment
20. Hook
21. Combination Wrench
22. Bracket
23. Upper shaft slot
24. Screw
25. Clamp
26. Button
27. Coupler
28. Guide recess
29. Latch
30. Strap hanger
31. Quick release tab
32. Captive Nut
33. Upper bump head
34. Lower bump head
35. Spool
36. Bump knob
37. Spool retainer bolt
38. Drive connector
39. Spring
40. Rubber protect boot

41. Metal spark plug boot

42. Spark plug

ASSEMBLY

Please refer to Fig. 2

UNPACKING

This product requires assembly.

- Carefully remove the tool and any accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the tool carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.

Packing list:

Trimmer

Front handle assembly

Safety guard assembly

Cutting head assembly

Combination wrench

2-stroke lubricant

Operation manual



WARNING

If any parts are damaged or missing, do not operate this tool until the parts are replaced. Failure to heed this warning could result in serious personal injury.



WARNING

Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.



WARNING

To prevent accidental starting that could cause serious personal injury, always disconnect the engine spark plug wire from the spark plug when

English (Original Instructions)

assembling parts.



WARNING

Never attach or adjust any attachment while the power head is running. Failure to stop the engine may cause serious personal injury.



WARNING

To avoid serious injury, ensure that all guards and covers are correctly fitted and all fixings and fasteners are tight before use. Re-check tightness after a period of use.

ATTACHING FRONT HANDLE (Fig. 2a)

- Remove bracket from the front handle.
- Align the hook into upper shaft slot.
- Install the front handle onto the upper shaft.

NOTE: The front handle should tilt slightly towards the operator when correctly fitted.

- Place the securing bolts through the front handle and securely tighten them into the captive nuts on the bracket.

NOTE: Do not attempt to remove the hook on the bracket, this hook limits the upper position of the front handle.

ASSEMBLY THE BLADE GUARD (Fig. 2b)

- Attach the blade guard to the guard mounting clamp, install the two screws from the top of the mounting clamp through the blade guard.
- Use the combination wrench supplied, tighten screws securely.

ATTACHING THE GRASS DEFLECTOR TO THE GUARD (Fig. 2b)

NOTE: When using the line trimming head, the grass deflector must be attached to the blade guard.

- Attach the grass deflector to the blade guard and align the 3 screws on the grass deflector to the screw holes on the blade guard.
- Use the combination wrench, tighten all 3 screws securely.

INSTALLING THE ReelEasy™ LINE TRIMMER HEAD (Fig. 2c)

- Stop the engine and disconnect the spark plug wire.
- Remove currently installed line trimmer head.
- Open the ReelEasy™ Line Trimmer Head by depressing the latches on each side. The contents of the line trimmer head are spring loaded, so keep your other hand over the line trimmer head cover while

depressing the latches.

- Remove the line trimmer head cover, bump knob, and line spool and set aside.
 - Place the cutting head housing on the drive shaft. Make sure the housing is fully seated.
 - Install the hex bolt to secure the line trimmer head to the drive shaft. Tighten by using the hex-shaped opening on the inside of the bump knob.
- NOTE:** Only use the bump knob to tighten the bolt. The use of other tools may allow over tightening of the bolt, which could damage the line trimmer head.
- Reinstall the bump head spring into the line trimmer head and push down to seat.
 - Reinstall the line spool. For the straight shaft attachment with the ReelEasy™ cutting head the spool should be placed so "This side out for straight shaft" is visible on the line spool.

- Replace the bump knob by inserting it into the centre of the line spool.
- Replace the line trimmer head cover, aligning latches with openings in the line trimmer head. Press cover and line trimmer head together until both latches snap into openings securely.
- Install line as described in the next section of this manual.

INSTALLING LINE IN ReelEasy™ LINE TRIMMER HEAD (Fig. 2c)

- Use 2.4 mm diameter monofilament line.
- Stop the engine and disconnect the spark plug wire.
- Cut one piece of line approximately 6.0 meters in length.
- Rotate the bump knob on line trimmer head until line on the centre of the bump knob aligns with arrows on top of line trimmer head.
- Insert one end of line into eyelet located on the side of the line trimmer head and push until line comes out through the eyelet on the other side. Continue to push line through the line trimmer head until the middle section of the line is inside the line trimmer head and line outside the line trimmer head is evenly divided on each side.
- Rotate the knob on the line trimmer head to wind the line. If using a straight shaft attachment, rotate the knob clockwise.
- Wind the line until approximately 20 cm remains protruding from the line trimmer head.
- Replace the spark plug boot

ATTACHING THE SHOULDER STRAP (Fig. 2d)

- Connect the latch on the shoulder strap to the strap hanger.

English (Original Instructions)

- Adjust the shoulder strap hanger to a balanced position where the blade or cutter attachment will suspend between 100 mm to 300 mm above the ground surface.
- Adjust the strap hanger to a comfortable position.
NOTE: To quickly release the product from the shoulder strap, sharply pull the quick release tab.

ATTACHING THE POWER HEAD TO THE TRIMMER ATTACHMENT (Fig 2f)



WARNING

Never attach or adjust any attachment while power head is running. Failure to stop the engine may cause serious personal injury.

- The trimmer attachment connects to the power head by means of a coupler device.
- Loosen the knob on the coupler of the power head shaft and remove the end cap from the attachment.
- Push in the button located on the trimmer attachment shaft. Align the button with the guide recess on the power head coupler and slide the two shafts together.
- Rotate the trimmer attachment shaft until the button locks into the positioning hole.

NOTE: If the button does not release completely in the positioning hole, the shafts are not locked into place. Slightly rotate from side to side until the button is locked into place.

- Tighten the knob securely.

REMOVING THE ATTACHMENT FROM THE POWER HEAD

For removing or changing the attachment:

- Loosen the knob.
- Push in the button and twist the shafts to remove and separate ends.

CONVERTING STRING TRIMMER TO BRUSH CUTTER (Fig. 2e)



WARNING

To reduce the risk of serious personal injury, always stop the engine and remove the spark plug wire before making any adjustments such as changing cutting heads.

TO REMOVE THE BUMP HEAD

- Remove the lower bump head, spool and bump knob.
- Align the slot in the upper flange washer with the hole in the gear head. Place the combination wrench through the slot in the upper flange washer and the hole in the gear head. Turn the spool retainer bolt

clockwise to remove.

- Remove the upper bump head from the drive connector.
- Place the combination wrench through the upper flange washer and the gear head. Using the 16 mm wrench supplied, turn the drive connector clockwise to remove.
- Remove the upper flange washer from the gear shaft and retain for blade installation.
- Use the combination wrench supplied to loosen all 3 bolts, then remove the grass deflector from the blade guard.

NOTE: Store the bump head parts together for later use.

TO INSTALL THE BLADE

- Place the upper flange washer over the gear shaft with the hollow side towards the blade guard.
- Centre the blade on the upper flange, making sure the blade sits flat. Install the cupped washer with the raised centre away from the blade. Install the blade nut.
- Place the combination wrench through the slot in the upper flange washer and the hole in the gear head. Using the 13 mm wrench supplied, turn the blade nut counterclockwise.
- Tighten the nut securely.

CONVERTING BRUSHCUTTER TO STRING TRIMMER TO REMOVE THE BLADE

- Place the combination wrench through the slot in the upper flange washer and the gear head. Turn the blade nut clockwise to remove.
- Remove the cupped washer and the blade.
- Remove the upper flange washer from the gear shaft and retain for the bump head installation.
- Attach the grass deflector to the blade guard and align the 3 screws on the grass deflector to the screw holes on the blade guard.
- Using the combination wrench supplied, tighten all 3 bolts securely.

NOTE: Store the brush cutter parts together for later use.

TO INSTALL THE BUMP HEAD (Fig. 9)

- Install the upper flange washer onto the gear shaft with the hollow side towards the gear head.
- Place the combination wrench through the slot in the upper flange washer and the hole in the gear head. Using the 16 mm wrench supplied, turn the drive connector counterclockwise to install. Tighten securely.

English (Original Instructions)

- Install the upper bump head. Tighten spool retainer bolt.
- Install the spring, spool, bump knob and lower bump head.
- Install the cutting line. Refer to Fig. 2c .

OPERATION

FUEL AND REFUELING

HANDLING THE FUEL SAFELY

- Always handle fuel with care. It is highly flammable.
- Always refuel outdoors where there are no sparks and flames. Do not inhale fuel vapours.
- Do not let petrol or oil come in contact with your skin.
- Keep petrol and oil away from the eyes. If petrol or oil comes in contact with the eyes, wash them immediately with clean water. If irritation is still present, see a doctor immediately.
- Clean up spilled petrol immediately.

MIXING THE FUEL (Fig. 3)

- This product is powered by a 2-stroke engine and requires pre-mixing petrol and 2-stroke oil. Pre-mix unleaded petrol and 2-stroke engine oil in a clean container approved for petrol.
- This engine is certified to operate on unleaded petrol intended for automotive use with an octane rating of 91 ([R + M] / 2) or higher.
- Do not use any type of pre-mixed petrol / oil from fuel service stations, this includes the pre-mixed petrol / oil intended for use in mopeds, motorcycles, etc.
- Use synthetic 2-stroke oil only. Do not use automotive oil or 2-stroke outboard oil.
- Mix 2% synthetic 2-stroke oil into the petrol. This is a 50:1 ratio.
- Mix the fuel thoroughly and also each time before fueling.
- Mix in small quantities. Do not mix quantities larger than usable in a 30 day period. Synthetic 2-stroke oil containing a fuel stabilizer is recommended.

	+		=	
1 Litre	+	20 ml	=	} 50:1 (2%)
2 Litres	+	40 ml	=	
3 Litres	+	60 ml	=	
4 Litres	+	80 ml	=	
5 Litres	+	100 ml	=	

FILLING THE TANK

- Clean surface around the fuel cap to prevent

contamination.

- Loosen fuel cap slowly to release pressure and to keep fuel from escaping around the cap.
- Carefully pour fuel mixture into the tank. Avoid spillage.
- Prior to replacing the fuel cap, clean and inspect the gasket.
- Immediately replace and tighten the fuel cap. Wipe up any fuel spillage. Move 9 m away from the fueling site before starting the engine.

NOTE: It is normal for smoke to be emitted from a new engine during and after first use.



WARNING

Always shut off engine before fueling. Never add fuel to a machine with a running or hot engine. Move at least 9 m from the refueling site before starting the engine. Do not smoke.

STARTING AND STOPPING (Fig. 4)



WARNING

Never start or run the engine inside a closed or poorly ventilated area; breathing exhaust fumes can kill.

- Be sure to return the stop switch to the "I" (RUN) position before trying to start unit.

To start a cold engine:

1. Press the primer bulb 10 times.
NOTE: After the 7th press, the fuel should be visible in the primer bulb. If not, continue pressing until the fuel is visible.
2. Set the choke lever to  choke position.
3. Keeping the throttle trigger squeezed completely and pull the starter grip until the engine attempts to start. Do not pull the starter grip more than 4 times.
4. Set the choke lever to  choke position.
5. Squeeze the throttle trigger completely and pull the starter grip until the engine starts. Do not pull the starter grip more than 6 times.
NOTE: If the engine does not start, repeat the procedure from step 2.
6. Allow the engine to run for 10 seconds with throttle completely squeezed. Set the choke lever to  position.

To start a warm engine:

1. Press the primer bulb 10 times.
2. Set the choke lever to  position.
3. Squeeze the throttle trigger completely and pull the starter grip until the engine starts.

To stop the engine:

Toggle the switch to the "o" (off) position.

OPERATING THE TRIMMER (Fig. 5)

- Hold the trimmer with the right hand on the rear handle

English (Original Instructions)

and the left hand on the front handle. Keep a firm grip with both hands while in operation.

- Trimmer should be held at a comfortable position with the rear handle about hip height.
- Always operate trimmer at full throttle. Prolonged cutting at partial throttle will result in oil dripping from the silencer.
- Cut tall grass from the top down. This will prevent grass from wrapping around the shaft housing and bump head which may cause damage from overheating.
- If grass becomes wrapped around the bump head, stop the engine, disconnect the spark plug wire, and remove the grass.

CUTTING TIPS (Fig. 6)

- When cutting, make sure the cutter head is at a slight angle as shown while still approximately parallel to the ground surface.
- In tall grass cut from the top down to ensure the moving parts do not get tangled with the long grass / brush.
- Move the head in steady strokes from left to right as you work through the grass / brush.

ADVANCING THE LINE (Fig. 7)

If the line becomes short, tap the head on the ground as shown to extend the line. Take care not to 'crash' it against a hard surface.

OPERATING THE BRUSHCUTTER (Fig. 5)

- Hold the brushcutter with the right hand on the rear handle and the left hand on the front handle. Keep a firm grip with both hands while in operation.
- Brushcutter should be held at a comfortable position with the trigger handle about hip height.
- Maintain your grip and balance on both feet. Position yourself so that you will not be drawn off balance by the kick-back reaction of the cutting blade.
- Adjust the shoulder strap to position the brushcutter at a comfortable operating position and to assure that the shoulder strap will reduce the risk of operator contact with the blade.
- Exercise extreme caution when using the blade with this unit. Blade thrust is the reaction which may occur when the spinning blade contacts anything it cannot cut. This contact may cause the blade to stop for an instant and suddenly "thrust" the unit away from the object that was hit. This reaction can be violent enough to cause the operator to lose control of the unit. Blade thrust may occur without warning if the blade snags, stalls or binds. This is more likely to occur in areas where it is difficult to see the material

being cut. For cutting ease and safety, approach the weeds being cut from the right to the left. In the event that an unexpected object or woody stock is encountered, this could minimise the blade thrust reaction.

CUTTING TECHNIQUE - BLADE (Fig. 8)



WARNING

Extreme care must be taken when using blades to ensure safe operation. Read the safety information for safe operation using the blade, refer to "Specific Safety Rules for Brushcutter and Blade" earlier in this manual.

MAINTENANCE



WARNING

Use only original manufacturer's replacement parts, accessories and attachments. Failure to do so can cause possible injury, poor performance and may void your warranty.

- The cutting attachment must not rotate in idle mode. If this requirement is not satisfied, the clutch has to be adjusted or the machine needs an urgent maintenance by a qualified technician.
- You may make adjustments and repairs described here. For other repairs, have the trimmer serviced by an authorized service agent.
- Consequences of improper maintenance may include excess carbon deposits resulting in loss of performance and discharge of black oily residue dripping from the silencer.
- Make sure all guards, straps, deflectors and handles are properly and securely attached to avoid the risk of personal injury.

LINE REPLACEMENT (Fig. 9)

- Ensure the unit is in the off position. Remove the spark plug lead to prevent accidental starting.
- Use a 2.4 mm diameter monofilament string.
- Cut one piece of string approximately 6 m in length
- Rotate the knob on the bump head until the line on the knob aligns with the arrows on top of the bump head.
- Insert one end of the string into the eyelet located on the side of the bump head and push until the string comes out through the eyelet on the other side. Continue to push the string through the bump head until the middle section of the string is inside the bump head and the string outside the bump head is evenly divided on each side.

English (Original Instructions)

- Rotate the knob on the bump head clockwise to wind the string.
- Wind the string until approximately 20 cm remains protruding from the bump head.

BLADE PROTECTOR (Fig. 10)

- Always place the blade protector on the blade when the unit is not in use. The blade protector has clips round the edges to snap over the blade and keep it in place.
- Wear gloves and be cautious when handling the blade.

NOTE: Always remove the blade protector before using the unit. If not removed, the blade protector could become a thrown object as the blade begins to turn.

CLEANING THE EXHAUST PORT AND SILENCER

Depending on the type of fuel used, the type and amount of oil used, and/or your operating conditions, the exhaust port and silencer may become blocked with carbon deposits. If you notice a power loss with your petrol powered tool, a qualified service technician will need to remove these deposits to restore performance.

SPARK ARRESTOR

It is recommended to clean or replace the spark arrestor every 25 hours or yearly to ensure proper performance of your product. Spark arrestors may be in different locations depending on the model purchased. Please contact your nearest service dealer for the location of the spark arrestor for your model.

ATTACHING THE STORAGE HANGER

Please refer to Fig. 11.

CLEANING THE AIR FILTER (Fig. 12)

For proper performance and long life, keep air filter screen clean.

- Remove the air filter cover by pushing down on the latch with your thumb while gently pulling on the cover.
- Remove the air filter.
- Clean the foam filter.

NOTE: If damaged, replace immediately.

- Reinstall the foam filter.
- Reinstall the air filter.

NOTE: Make sure the filter is seated properly inside the cover. Incorrect installation of the filter allows dirt entering the engine and shorten the engine's life.

- Replace the air filter cover by inserting the tabs on the bottom of the cover into the slots on the air filter base; push the cover up until it latches securely in place.

NOTE: The air filter should be replaced annually for the best performance.

FUEL CAP



WARNING

A leaking fuel cap is a fire hazard and must be replaced immediately.

The fuel cap contains a non-serviceable filter and a check valve. A clogged fuel filter will cause poor engine performance. If performance improves when the fuel cap is loosened, check valve may be faulty or filter clogged. Replace fuel cap if required.

SPARK PLUG REPLACEMENT (Fig. 13)



WARNING

The material of the spark plug is metal. It becomes very hot after you stop the engine. Wait for the engine to cool down before you disassemble the metal spark plug boot to avoid personal injury.

NOTE: The engine uses a Champion RCJ-6Y spark plug or equivalent with 0.63 mm electrode gap. Use an exact replacement and replace the spark plug annually.

1. Stop the engine.
2. Hold the front portion of the rubber protect boot and pull it away from the housing.
3. Pull the rubber protect boot upward to release the hook.
4. Twist the metal spark plug boot in a clockwise or counterclockwise direction and pull it away from the spark plug.
5. Loosen the spark plug by turning it in a counterclockwise direction using a combination wrench. Remove the old spark plug and replace with a new one. Assemble back the metal spark plug boot and the rubber protect boot.

STORAGE (1 MONTH OR LONGER)

- Drain all fuel from the tank into a container approved for fuel. Run engine until it stops.
- Clean all foreign material from the equipment. Store it in a well-ventilated place that is inaccessible to children. Keep away from corrosive agents such as garden chemicals and de-icing salts.
- Abide by all ISO and local regulations for the safe storage and handling of fuel. Excess fuel should be used up in other 2-stroke engine powered equipment.



WARNING

Inspection after dropping or other impacts: Thoroughly inspect the product and identify any affections or damage with it. Any part that is damaged should be properly repaired or replaced by an authorized service centre.

English (Original Instructions)

TROUBLESHOOTING

If these solutions do not solve the problem, contact your authorised service dealer.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Engine will not start.	1. Power switch is off. 2. No spark. 3. No fuel. 4. Engine is flooded. 5. Starter rope now harder to pull than when it was new. 6. Old fuel.	1. Make sure Switch is in the ON or "I" position. 2. The spark plug may be damaged, remove it and check for dirt and cracks. Replace with a new spark plug. 3. Push primer bulb until bulb is full of fuel. If bulb does not fill, primary fuel delivery system is blocked. Contact a servicing dealer. If primer bulb fills, engine may be flooded, proceed to next item. 4. Remove spark plug, turn unit so spark plug hole is aimed at the ground. Set choke lever to  position and pull starter cord 10 to 15 times. This will clear excess fuel from engine. Remove any fuel which splashed on the product. Clean and reinstall spark plug. Clean up any spilled fuel and move at least 9 m away before restarting. Pull starter three times with choke lever at . If engine does not start, set choke lever to  position and repeat normal starting procedure. If engine still fails to start, repeat procedure with a new spark plug. 5. Contact a servicing dealer. 6. Only use fresh fuel mixed with recommended oil. Fuel over 30 days old may prevent the unit from starting.
Engine starts but will not idle long enough to engage throttle	Temperature can effect engine idle time and rpm.	Flip choke lever to  position and pull starter until engine starts.
Engine does not stop when switch is turned off	Electrical connection is loose/unplugged	Set the choke lever to  to stop the engine. Immediately stop using the product. Check electrical connection on the bottom of the trimmer and make sure it is properly connected. Contact servicing dealer if the problem persists.
Engine starts but will not accelerate.	Engine requires approximately three minutes to warm up.	Allow engine to completely warm up. If engine does not accelerate after three minutes, contact a servicing dealer.
Engine starts but will only run at high speed at half choke.	Carburetor requires adjustment.	Contact a servicing dealer.
Engine does not reach full speed and emits excessive smoke.	1. Check oil fuel mixture. 2. Air filter is dirty. 3. Spark arrestor screen is dirty.	1. Use fresh fuel and the correct 2-stroke oil mix. 2. Clean air filter. Refer to "Cleaning the Air Filter" earlier in this manual. 3. Contact a servicing dealer.

English (Original Instructions)

PROBLEM	POSSIBLE CAUSE	SOLUTION
Engine starts, runs, and accelerates but will not idle.	Idle speed screw on carburetor requires adjustment	Contact servicing dealer if the problem persists.
Line will not advance.	1. Line welded to itself. 2. Not enough line on spool. 3. Line worn too short. 4. Line tangled on spool. 5. Engine speed too slow.	1. Lubricate with silicone spray. 2. Install more line. Refer to "Line Replacement" earlier in this manual. 3. Pull lines while alternately pressing down on and releasing bump head. 4. Remove line from spool and rewind. Refer to "Line Replacement" earlier in this manual. 5. Advance line at full throttle.
Grass wraps round shaft housing and bump head.	1. Cutting tall grass at ground level. 2. Operating trimmer at partial throttle.	1. Cut tall grass from the top down. 2. Operate trimmer at full throttle.
Bump knob hard to turn.	Screws threads dirty or damaged.	Clean threads and lubricate with grease. If there is no improvement, replace the bump knob.
Oil drips from silencer.	1. Operating trimmer at partial throttle. 2. Check oil/fuel mixture. 3. Air filter dirty.	1. Operate trimmer at full throttle. 2. Use fresh fuel and the correct synthetic 2-stroke oil mix. 3. Clean per instruction in Maintenance Section.

GUARANTEE

In addition to any statutory rights resulting from the purchase, this product is covered by a guarantee as stated below.

1. The guarantee period is 24 months for consumers and commences on the date when the product was purchased. This date has to be documented by an invoice or other proof of purchase. The product is designed and dedicated to consumer and private use only. So there is no guarantee provided in case of professional or commercial use.
2. There is, in some cases (i.e. promotion, range of tools), a possibility to extend the warranty period over the period described above using the registration on the www.ryobitools.eu website. The eligibility of the tool is clearly displayed in stores and/or on packaging. The end user needs to register his/her newly-acquired tools online within 8 days from the date of purchase. The end user may register for the extended warranty in his country of residence if listed on the online registration form where this option is valid. Furthermore, end users must give their consent to the storage of the data which are required to enter online and they have to accept the terms and conditions. The registration confirmation receipt, which is sent out by e-mail, and the original invoice showing the date of purchase will serve as proof of the extended warranty. Your statutory rights remain unaffected.
3. The guarantee covers all defects of the product during the warranty period due to defaults in workmanship or material at the purchase date. The guarantee is limited to repair and/or replacement and does not include any other obligations including but not limited to incidental or consequential damages. The warranty is not valid if the product has been misused, used contrary to the instruction manual, or being incorrectly connected. This guarantee does not apply to:
 - any damage to the product that is the result of improper maintenance
 - any product that has been altered or modified
 - any product where original identification (trade mark, serial number) markings have been defaced, altered or removed
 - any damage caused by non-observance of the instruction manual
 - any non CE product
 - any product which has been attempted to be repaired by an non-qualified professional or without prior authorization by Techtronic Industries
 - any product connected to improper power supply (amps, voltage, frequency)
 - any product used with inappropriate fuel mixture (fuel, oil, percentage of oil)
 - any damage caused by external influences (chemical, physical, shocks) or foreign substances
 - normal wear and tear of spare parts
 - inappropriate use, overloading of the tool
 - use of non-approved accessories or parts
 - carburettor after 6 months, carburettor adjustments after 6 months
 - components (parts and accessories) subject to natural wear and tear, including but not limited to bump knobs, drive belts, clutch, blades of hedge trimmers or lawn mowers, harness, cable throttle, carbon brushes, power cord, tines, felt washers, hitch pins, blower fans, blower and vacuum tubes, vacuum bag and straps, guide bars, saw chains, hoses, connector fittings, spray nozzles, wheels, spray wands, inner reels, outer spools, cutting lines, spark plugs, air filters, gas filters, mulching blades, etc.
4. For servicing, the product must be sent or presented to a RYOBI authorized service station listed for each country in the following list of service station addresses. In some countries your local RYOBI dealer undertakes to send the product to the RYOBI service organisation. When sending a product to a RYOBI service station, the product should be safely packed without any dangerous contents such as petrol, marked with sender's address and accompanied by a short description of the fault.
5. A repair/replacement under this guarantee is free of charge. It does not constitute an extension or a new start of the guarantee period. Exchanged parts or tools become our property. In some countries delivery charges or postage will have to be paid by the sender.
6. This guarantee is valid in the European Community, Switzerland, Iceland, Norway, Liechtenstein, Turkey and Russia. Outside these areas, please contact your authorized RYOBI dealer to determine if another warranty applies.

AUTHORISED SERVICE CENTRES

ACD PLANT LTD

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Web: www.cbspowertools.com

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Web: www.ryckotechnical.com

ToolTech Industrial Equipment

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Phone: 028 70359493
Email: john@tooltech.org.uk

For an updated list of authorised service centres, visit <http://uk.ryobitools.eu/header/service-and-support/service-agents>.

DECLARATION OF CONFORMITY

Techtronic Industries GmbH
Max-Eyth-Straße 10, 71364 Winnenden, Germany

Herewith we declare that the product

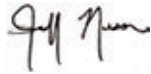
String Trimmer / Brushcutter
Brand: Ryobi
Model number: RBC26SESB
Serial number range: 44427501000001 - 44427501999999

is in conformity with the following European Directives and harmonised standards

2006/42/EC, 2014/30/EU, 2000/14/EC, 2005/88/EC, 97/68/EC, 2002/88/EC, 2004/26/EC, 2010/26/EU, EN ISO 11806-1:2011,
EN ISO 14982:2009, EN ISO 3744:2010

Measured sound power level: 107.5 dB(A)
Guaranteed sound power level: 109 dB(A)

Conformity assessment method to Annex V Directive 2000/14/EC amended by 2005/88/EC.



Floyd Jeffrey Nesom (BSME)
Senior Director of Engineering
Winnenden, April 30, 2016



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