

PowerG

29.9CC 4 IN 1 MULTIPURPOSE GARDEN TOOL TJB30



⚠ CAUTION

These instructions contain important information that will help you get the best from your tool, ensuring it is assembled correctly and safely. If you need help or have damaged or missing parts, call the Customer Helpline on 0844 856 0793

Do you need help with this product?
Instead of returning your product please call our
technical helpline on 0844 856 0793



Warning: Read this instruction manual carefully before using the product.

29.9cc (lower case) 4 in 1 Multipurpose Garden Tool TJB30

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This multiple garden tool can be used with reciprocating cutting attachment as long reach hedge trimmer, chain saw cutting attachment as pruner, brush cutter, grass trimmer. Be sure to select suitable cutting attachments for different working purpose. The maximum diameter of branches that maybe cut with the chainsaw attachment is 24mm.

For the intended use also need to read and understand the instructions and keep this instruction in hand, before the working with this product make sure of the related parts are in good conditions, e.g. protection guards, metal blades, switches and so on. If repair work needed, please contact local agent/dealer or the manufacturer.

Only authorized spare parts can be used for this product. Injuries caused by non-authorized parts usage will not be responsible for the manufacture.

Any other use other than specified as above shall be regarded as non-intended use or contact with your local agent or the manufacture for the uncertainty working conditions.

Residual risks:

Even with the intended use of the appliance there still have residual risks, which can not be prevented by the design. According to the type and construction of the appliance the following potential hazards might apply:

- Contact with exposed saw teeth, blade teeth. (cutting hazards)
- Access to the rotating saw chain, reciprocating cutting blade (cutting hazards)
- Unforeseen, abrupt movement of the guide bar, reciprocating cutting blade (cutting hazards)
- Fly out of cutting materials
- Inhalation for work piece particle, emissions from the unleaded petrol engine.
- Skin contact with the fuel (unleaded petrol / oil)
- Loss of hearing, if no PPE used during work.



THIS MACHINE CAN CAUSE SERIOUS INJURIES. Read the instructions carefully for the correct handling, preparation, maintenance, starting and stopping of the machine. Be familiar with all controls and the proper use of the machine.

Observe the instructions shown below carefully to guarantee the high degree of safety.

Caution!

To be safe at working with this garden tools, it is required that instructions and information on safety, installation and operation contained in this manual are precisely observed. Any person engaged in the operation or maintenance of the machine should be familiar with this operation manual and aware of any potential risk.

Prevent children, the sick and infirm from access. While you are in the working area, look after the children very carefully. Observe any regional and local safety precautions applicable in your place. The same applies to any provisions on the safety at work and health protection in the work site.

Warning! It is necessary to observe the essential safety precautions when using the machine tools. Kindly follow the tips and instructions in the additional safety precautions.

1. Pay attention to the conditions of the area, which you're working in. After the engine is started, the machine will produce poisonous flue gas. The gas may be invisible and odorless. Hence never work with the machine closed or poorly ventilated areas. Provide for good lighting when cutting. Make sure you are stand steadily when working in wet, snow or icy weather conditions on slopes or rough ground.
2. Do not let any unauthorized persons approach/use the machine. The visitors and viewers, primarily the children, the ill and infirm persons should not have any access to the working area and use the tools.
3. Make provision for the tools storage. The machines not in current use (or cleaned after servicing) should be kept in a dry place, elevated or locked where practicable and make sure any unauthorized access is prevented.
4. Always use a correct/suitable tool for the work to be done. Use the tools only for the purposes they were designed for.
5. Dress properly. Do not wear loose clothing or jewellery which can be caught in moving parts.
6. Use personal protection equipment (PPE). Wear safety shoes with steel toes/ steel or rough sole
7. Wear goggles. Protect your eyes from thrown objects.
8. Wear ear protectors. Wear personal protective equipment to protect your ears, such as ear protectors
9. Hand protection. Wear hard gloves – gloves of leather give a good protection
10. Cutting attachment protection. Never work with the tool without relative protection guard.
11. Be attentive always. Do not use the tool when tired. Never work with the tool when influenced by alcohol, drugs or medicaments affecting the concentration capability

12. Time of Use and Breaks for Rest. After using the power machine for a longer time, you may have troubles with the capillary return in hands. However, you may prolong the time of use when wearing suitable gloves and taking regular breaks. Remember that the time of using the power machine may get shorter in result of personal inclination to poor capillary return, low outside temperature or strong contact force of the machine while working, do not use the tool more than 1 hour continuously (not recommended using the tool in early morning or late night when people might be disturbed)

13. Watch out for any damaged parts. Inspect the machine before use. Are any parts damaged? Ask yourself seriously when detecting slight damage whether the machine will work perfectly and safely despite that. Watch out for proper aligning and adjustment of any moving parts. Do the parts fit one in another properly? Are the part damaged? Is everything installed as appropriate? Are any other prerequisites of proper working in place? Damaged protective devices etc. must be repaired or replaced by authorized entities unless the operation manual expressly say otherwise. Any defective switches must be replaced at an authorized servicing centre. Do not use the machine if it cannot be put on and off with the switch. When repairs are necessary, kindly turn to your local servicing centre.

14. Safe and secure operating position: While operating the machine be always sure of a safe and secure operating position especially when using steps or a ladder

15. Do not try to repair or modify the tools: Do not attempt to repair/modify the tools unless you are qualified to do so, for more information contact the manufacturer or local agent.

16. Make sure the tool in good working state before operation: Do not operate the machine with a damaged or excessively worn cutting device

17. Watch out fire hazards: To reduce fire hazard keep engine and silence free of debris, leaves, or excessive lubricant.

18. Complete machine: Always ensure all handles and guards are fitted when using the machine. Never attempt to use an incomplete machine or one fitted with an unauthorized modification;

19. Two hands operating: Always use two hands to operate the tools

20. Cutting attachment guard: When transporting or storing the machine always fit the cutting device guard.

21. Be alert to surroundings: Always be aware of your surroundings and stay alert for possible hazards that you may not hear due to the noise of the machine.

Stop the engine before: 1) cleaning or when cleaning a blockage 2) checking, maintenance or working on the machine 3) when adjusting the working position of the cutting device

22. Keep a solid stance: Maintain footing and balance at all times. Don't stand on slippery, uneven or unstable surfaces. Do not work in odd position or on ladders. Do not over reach.

HANDLING FUEL

1. The engine is designed to run on a pure unleaded petrol, Never store cans of unleaded petrol or refill the tank of the unit in any place where there is a boiler, stove, wood fire, electrical sparks, welding sparks, or any other source of heat or fire which might ignite the unleaded petrol.
2. Never smoking while operating the unit or refilling its fuel tank.
3. When refilling the tank, always turn off the engine and allow it to cool down. Look around to make sure that there are no sparks or open flames anywhere nearby before refuelling.
4. Wipe spilled fuel completely using a dry rag if any fuel spillage occurs during refuelling.
5. After refueling, screw the fuel cap back tightly on to the fuel tank and then carry the unit to a spot 3 m or more away from where it was refuelled before turning on the engine



WARNING! Use of other attachment heads, accessories and superstructure parts that are expressly forbidden, which may result in a threat to persons and property. .

The machine should not be used for other than intended purposes. Any deviation from the purpose shall be considered an unauthorized use. Only the user, and never the manufacturer, shall be held liable for any material and personal damage resulting from such an unauthorized use.

The manufacturer shall not perform any warranties if the machines manufactured by it are altered or used in an unauthorized manner and if damage is inflicted in result.

SYMBOLS ON THE MACHINE

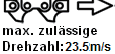
For safe operation and maintenance, symbols are carved in relief on the machine. According to these indications, please be careful not to make a mistake.

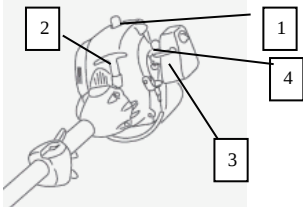
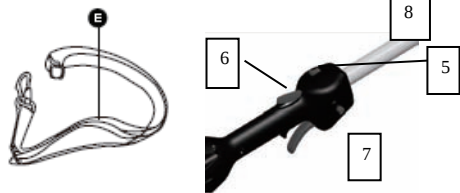
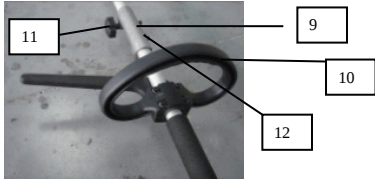
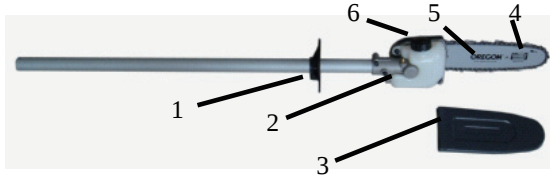
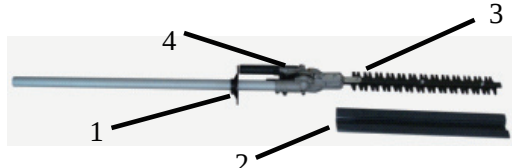


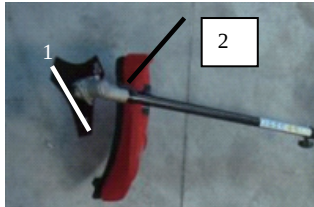
The port to refuel the "Only mixed fuel be used"
Position: FUEL TANK CAP

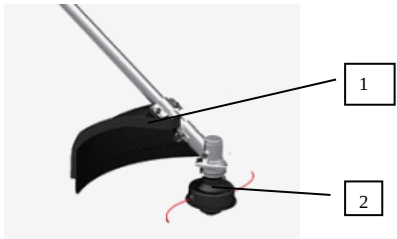


If you turn the rod by screwdriver follow the arrow to the "MAX" position, the chain oil flow more, and if you turn to the "MIN" position, less.

	Warning/caution
	When starting and working, keep the filament head away from foreign materials.
	When working, maintain a safety distance of 15 m from other people and from animals.
	Wear protection clothing
	The machine shall not be used in any position that causes any part to come within 10 m of overhead electrical lines.
	Read operating manual before use
	Wear safety goggles, helmet and ear protector
	Wear sturdy, non-slip footwear
	Use protection gloves
	Beware of blade trust
	Max chain speed
	Acoustic power level

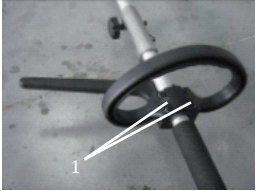
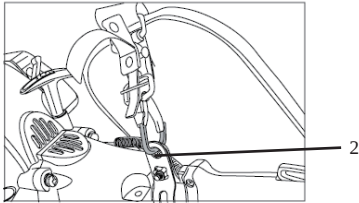
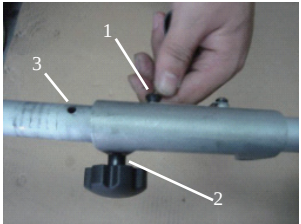
4.1. Engine unit	Descriptions:
	1. Spark plug cover 2. Start handle grip 3. Choke lever 4. Primer bulb
	5. Stop switch 6. Throttle trigger lockout 7. throttle trigger 8. single shoulder harness
	9. Connection joint 10. Front handle 11. tight knob 12. lock button
4.2. pruner cutting attachment	Descriptions:
	1. collar 2. oil tank 3. bar cover 4. guide bar 5. saw chain 6. oil tank cap
4.3. Hedge trimmer cutting attachment	Descriptions:
	1. collar 2. cutting attachment safety guard 3. cutting blade 4. cutting attachment adjusting lever

4.4. brush cutter attachment	Descriptions:
	1. metal blade; 2. blade guard.

4.3. Hedge trimmer cutting attachment	Descriptions:
	1. guard; 2. string head.

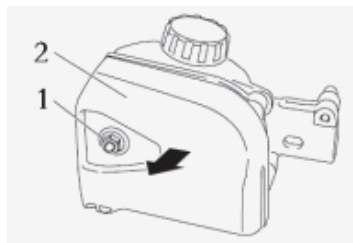
pruner:	
Mass with chain saw and empty fuel tank.....kg:	5.84
Volumes of oil tankcm ³ :	120
Cutting length---.mm:	200
Type of the chain :	Oregon91P033
Type of the chain guide bar.....:	080SDEA318,
Max. engine speed with pruner attachment.....min ⁻¹ :	10000
brush cutter and grass trimmer:	
Unit without cutting attachment, empty tank.....kg:	5.74
cutting diameter.....mm:	200(brush cutter)/450(grass trimmer)
Max. engine speed with cutting attachment... min ⁻¹	10000(brush cutter)/8500(grass trimmer)
cutting attachment rotational speed at maximum allowed engine speedmin ⁻¹ :	7400(brush cutter)/6300(grass trimmer)
Hedge trimmer	
Mass with hedge trimmer and empty fuel tank.....kg:	6.5
Cutting length.....mm:	400
Max. engine speed with hedge trimmer attachment..... min ⁻¹ :	10000
Engine:	
Type of the engine:	1E36F/SUMEC
Mass of engine unitkg:	4.2
Volumes of fuel tankcm ³ :	410
Engine speed.....min ⁻¹ :	10000
Engine idling speed.....min ⁻¹ :	<3400
Engine speed with cutter running.....min ⁻¹ :	>4300
Engine displacementcm ³ :	29.9
Maximum shaft brake power of the enginekW:	0.75
Fuel ratio.....:	40:1

Sound pressure level LPA (dB)	100 dB(A) K=3dB(A)
Sound power level LWA (dB)	114dB(A)
Vibration	15 m/s ² K=1.5m/s ²

Front handle/harness installation	Descriptions:
 1..fixing screws for front handle; 2.. suspension point 	1. Place the upper and lower handle parts on the shaft tube and adjust the suitable positions. 2. Tighten the screws (1) to make sure the handle positively locked on the tube. 3. Attached the shoulder harness by hocking on the suspension point (2). Note: The bulge on the lower clamp must be inserted into the holes under the tube.
Shaft connection	Descriptions:
	For connection A: - Insert the two shaft pipe until the lock button(1) into the lock hole(3). - Tighten the two tubes by the tight knob(2).

Mount the guide bar and sawing chain:

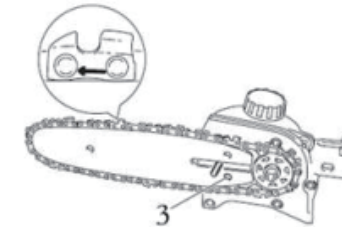
Unscrew the fastening screw (1) and remove the sprocket guard(2).



Place the sawing chain around the sawing rail



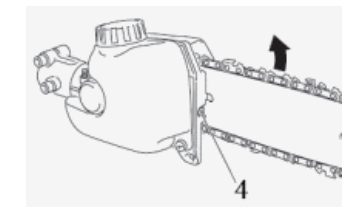
Place the sawing rail in such a manner that the chain locking pin (3) engages the sprocket.
Ensure correct direction of movement of the sawing chain.
Put on the chain guard and tighten the fastening screw (1).



Place the sawing rail in such a manner that the chain locking pin (3) engages the sprocket.
Ensure correct direction of movement of the sawing chain.
Put on the chain guard and tighten the fastening screw (1).

Chain tension adjusting:

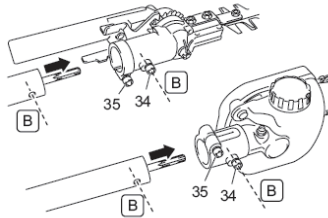
The chain must not hang, but it should be possible to lift it a few millimetres up from the sawing rail.



- Loosen the fastening screw(1)
- Slightly lift the sawing rail tip
- By rotating by hand, check the sawing chain for smooth running
- Tighten the chain stretching screw(4)
- Tighten the fastening screw (1)

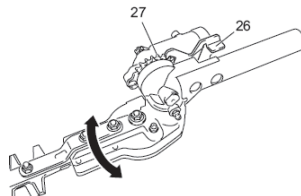
Install the pruner or hedge trimmer attachment:

- Loosen the clamping screw(34).
- Loosen the fixing screw(35).
- Push the coupling piece onto the extension rod.
- The hole(B) and the fixing screw(34) must lie on one axis.
- Tighten the clamping screw and the fixing screw.



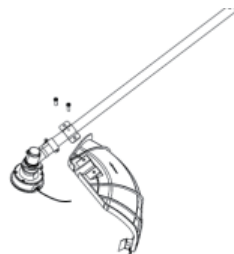
Adjust the hedge trimmer

- Press the fixer (26) and (27) together.
- Set the hedge trimmer to the desired angle of inclination.
- Release the fixer and let it engage in the toothed ring.



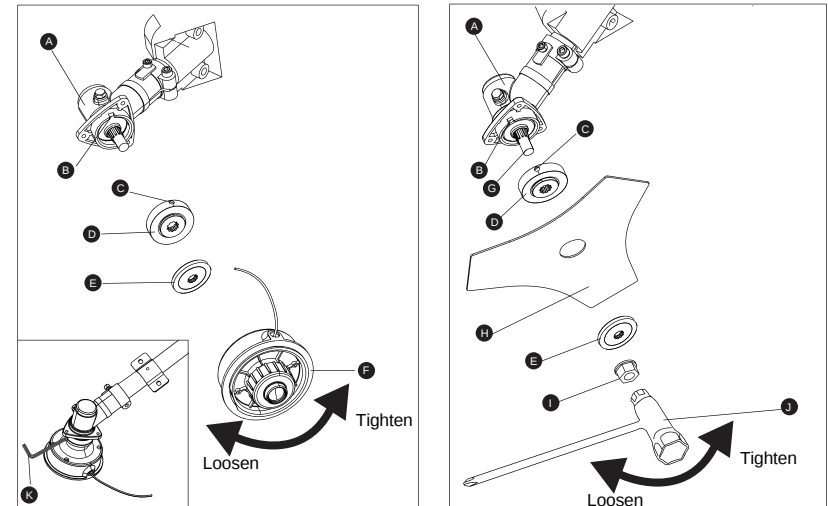
TO ATTACH THE OPTIONAL STRAIGHT SHAFT GUARD:

1. Remove the two screws from the guard.
2. Align the screw hole in the mounting bracket with the screw hole in the grass guard.
3. Insert the screws through the mounting bracket and into the grass guard.
4. Tighten the screw securely.



Installing the straight shaft blade or string head

For grass trimmer



1. Align the slot (C) in the flanged washer (D) with the slot (B) in the gear head (A).
2. Place the hex wrench (C) through the slots in the flanged washer (D) and gear head (A) to lock them together.
3. Unscrew the grass trimmer head assembly (E) by hand in clockwise direction.
4. Remove the cupped washer (E) and flanged washer (D), and then retain it for the blade installation.
5. Place the flanged washer (D) over the gear head shaft (G) with the hollow side toward the gear head (A).
6. Center the blade (H) on the flanged washer (D), making sure the blade fits flat and the raised hub of the flanged washer goes through the hole in the blade.
7. Install the cupped washer (E) with the raised center away from the blade.
8. Place the blade nut (I) onto the gear head shaft (G).
9. Place the hex wrench (K) through the slots in the flanged washer (D) and gear head (A) to lock the heads rotation while tightening the nut.
10. Install the blade nut (I) by turning it counterclockwise (left handed threads).
11. Tighten the blade nut (I) securely by wrench (K).



NOTE! If changing from brush cutter to grass trimmer follow the instructions in reverse order.

1. The area within a perimeter of 15 m of the person using the product should be considered a hazardous area into which no one should enter. If necessary, yellow warning rope, warning signs should be placed around the perimeter of the area. When work is to be performed simultaneously by two or more persons, care should also be taken to constantly look around or otherwise check for the presence and locations of other people working so as to maintain a distance between each person sufficient to ensure safety.
2. Remove any obstacle before beginning work.
3. Inspect the entire unit for loose fasteners and fuel leakage. Make sure that the cutting attachment is properly installed and securely fastened.
4. Be sure the cutting attachment guard is firmly attached in place.
5. Always use the harness. Adjust the strap for comfort before starting the engine. The strap should be adjusted so the left hand can comfortably hold the handlebar grip approximately waist high.

STARTING THE ENGINE

1. Keep bystanders and animals at least 15 m away from the operating point. If you are approached, immediately stop the engine.
2. The product is equipped with a centrifugal clutch mechanism, so the cutting attachment begins to rotate as soon as the engine is started and throttle trigger depressed. When starting the engine, place the product onto the ground in a flat clear area and hold it firmly in place so as to ensure that neither the cutting part nor the throttle come into contact with any obstacle when the engine starts.



WARNING! Never place the throttle into the high-speed position when starting the engine.

1. After starting the engine, check to make sure that the cutting attachment stops rotating when the throttle is moved fully back to its original position. If it continues to rotate even after the throttle has been moved fully back, turn off the engine and take the unit to the servicing dealer for repair



IMPORTANT

Cut only materials recommended by the manufacturer. And use only for tasks explained in the manual.

1. Grip the handles firmly with both hands using your whole hand. Place your feet slightly apart (slightly further apart than the width of your shoulders) so that your weight is distributed evenly across both legs, and always be sure to maintain a steady, even posture while working.
2. Keep cutting attachment below waist level.
3. Maintain the speed of the engine at the level required to perform cutting work, and never raise the speed of the engine above the level necessary.
4. If the unit starts to shake or vibrate, turn off the engine and check the whole unit. Do not use it until the trouble has been properly corrected.
5. Keep all parts of your body away from rotating cutting attachment and hot surfaces.
6. Never touch the muffler, spark plug, or other metallic parts of the engine while the engine is in operation or immediately after shutting down the engine. Doing so could result in serious burns or electrical shock.

How to use harness



WARNING

ALWAYS WEAR THE PROVIDED HARNESS WHEN USING THE MACHINE!

Always make sure the machine is hooked securely to the harness.

If you don't, you will be unable to control the machine safely. This can result in injury to yourself or others.

Never use a harness with a defective quick release or any other damage.

How to wear

1. Wear the provided harness without twisted bands, with the hanger on your right side.



Balance the unit

1. Hook your machine to the hanger.
2. Adjust the bands of the harness to have the blade parallel to the ground when standing in your normal working position to provide you most effectiveness and comfort on operating the machine.
3. In order to prevent the hanger position to change during operation, turn up the extra part of the band from the buckle.
4. When correctly adjusted, check the correct working of the harnesses'

Emergency release: Press the hanger of shoulder harness to get rid of the tool and free from operator.

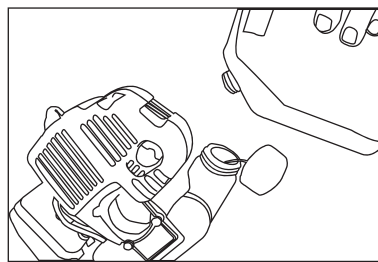
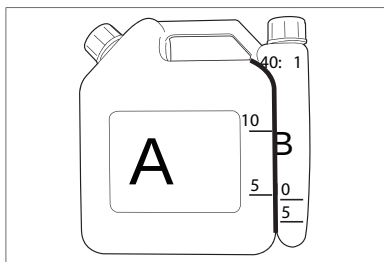
Fuel



WARNING! Unleaded petrol is very flammable. Avoid smoking or bringing any flame or sparks near fuel. Make sure to stop the engine and allow it cool before refuelling the unit. Select outdoor bare ground for fuelling and move at least 3 m (10 ft) away from the fuelling point before starting the engine.

This product is powered by a 2-stroke engine and requires pre-mixing unleaded petrol and 2-stroke oil. Mix a high quality 2-stroke engine oil according JASO FC classic. Do not use automotive oil or 2-stroke outboard oil. DO NOT mix quantities larger than usable in a 30 day period. FUEL MIXTURE:

1 Liter(1000 ml) unleaded petrol : 25 cc (25 ml) 2-STROKE ENGINE OIL



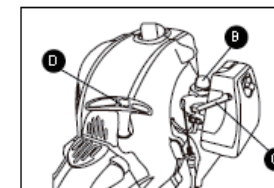
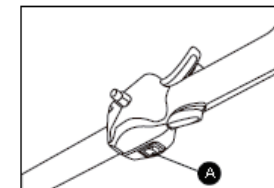
Filling tank

1. Clean surface around fuel cap to prevent contamination.
2. Loosen fuel cap slowly. Rest the cap on a clean surface.
3. Carefully pour fuel into the tank. Avoid spillage.
4. Prior to replacing the fuel cap, clean and inspect the gasket.
5. Immediately replace fuel cap and hand tighten. Wipe up any fuel spillage.

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

Starting and stopping

	Cold	Hot
Set START/STOP switch to START position		
Press primer bulb 7-10 times		
FULL CHOKE		
Pull cord so that motor turns over, (the engine may start)		
HALF CHOKE Choke will automatically return to 'Run' position when Throttle is pressed		
Pull cord until motor runs		
RUN position		
Pull cord until motor runs		



To start a cold engine:

Application should be on a flat, bare surface for starting.

1. Set the switch to "START";
2. Slowly press the primer bulb 7X;
3. Set the choke lever to "FULL CHOKE"
4. Pull the starter grip quickly until engine attempts to run;
6. Set the choke lever to "HALF CHOKE"
7. Pull the starter grip until engine run.
8. Allow engine to run 30 seconds,
9. Operate the application.

To start a warm engine:

1. Set the switch to "START";
2. Set the choke lever to "RUN"
3. Pull the starter grip until engine run.
4. Operate the application

Stop the engine:

To stop the engine, depress the switch to the "STOP" position.

Hedge trimmer operations:



1. During working with the hedge trimmer make sure keep in solid stance.
2. Do not use this product on ladder or in odd positions.
3. Keep firm grip and do not over reach during cutting operations
4. Only adjust cutting blade angle with unit flat on the ground, with the engine stop switch in the "stop" position. Never adjust cutting angle with unit standing upright.

Pruner operation:

1. follow the general safety warnings in this manual
 2. Lay the pole pruner on the ground and ensure that no objects or obstructions are in the immediate vicinity. Make sure nothing can come in contact with the bar and chain
- Note: To avoid kickback, binding of the saw bar, and possible injury, never cut limbs that the pole pruner does not reach when supported by the shoulder strap
3. Never stand directly under the limb you are cutting

The following steps should be followed to prevent damage to tree or shrub bark.(See Fig 7.)

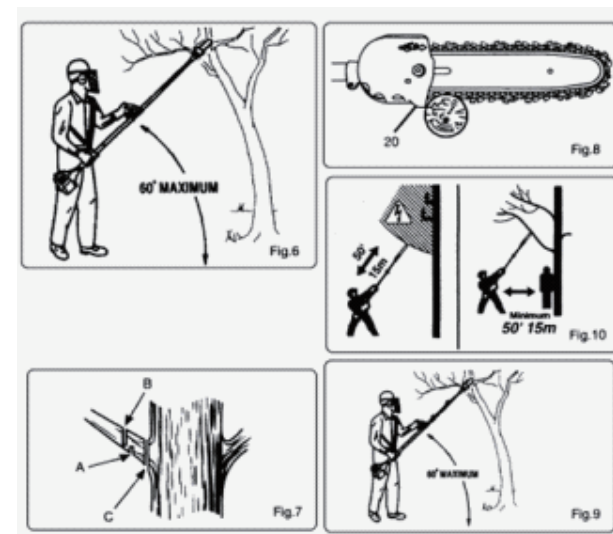
1. The first cut should be a shallow cut (1/4 of the limb diameter) on underside of limb close to main limb or trunk (A).
2. The second cut should be made from the top side of the limb outboard from first cut (B).
3. Make the final cut close to trunk (C)

Keep the engine at full throttle the entire time you are cutting.

For second and final cuts (from top of limb or branch), hold the front cutting guide (20) against the limb being cut. See Fig 8. This will help steady the limb and make it easier to cut.

Allow the chain to cut for you; exert only light downward pressure. If you force the cut, damage to the bar, chain, or engine can result.

Release the trigger as soon as the cut is completed, allowing the engine to idle. If you run the pole pruner at full throttle without a cutting load, unnecessary wear or damage can occur to the chain, bar, and engine



Straight shaft grass trimmer operation:

Hold the trimmer 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. Trimmer should be held at a comfortable position. Always operate trimmer at full throttle. Cut tall grass from the top down. This will prevent grass from wrapping around the shaft housing and string head which may cause damage from overheating. If grass becomes wrapped around the string head, STOP THE ENGINE, disconnect the spark plug wire, and remove the grass. Prolonged cutting at partial throttle will result in oil dripping from the muffler.



Extending the spool line

String advance is controlled by tapping the string head on grass while running engine at full throttle.

Run engine at full throttle.

Tap the spool retainer on ground to advance string. The string advances each time the spool retainer is tapped. Do not hold the spool retainer on the ground.

NOTE: The line trimming cut-off blade on the grass guard will cut the line to the correct length.

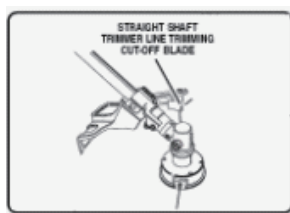
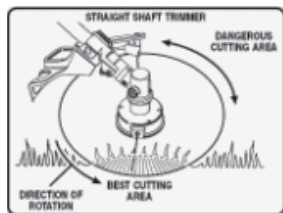
NOTE: If the string is worn too short you may not be able to advance the string by tapping it on the ground. If so, stop the engine, and manually advance the string.

To advance the cutting line manually:

Push the spool retainer down while pulling on string(s) to manually advance the string.

Cutting tips

- Keep the trimmer tilted toward the area being cut; this is the best cutting area.
- The curved shaft trimmer cuts when passing the unit from right to left. This will avoid throwing debris at the operator. Avoid cutting in the dangerous area shown in Figure 16.
- Use the tip of string to do the cutting; do not force string head into uncut grass.
- Wire and picket fences cause extra string wear, even breakage. Stone and brick walls, curbs, and wood may wear string rapidly.
- Avoid trees and shrubs. Tree bark, wood moldings, siding, and fence posts can easily be damaged by the string.



Grass shield string limit blade

The trimmer is equipped with string limit blade on the grass guard. For best cutting, advance string until it is trimmed to length by the string limit blade. Advance the string whenever you hear the engine running faster than normal, or when trimming efficiency diminishes. This will maintain best performance and keep the string long enough to advance properly.

Brush cutter operation:

Hold the brush cutter 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. Brush cutter 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 kickback reaction of the cutting blade. Adjust the shoulder harness to position the brush cutter at comfortable operating position and to assure that the shoulder harness will reduce the risk of operator contact with the blade.

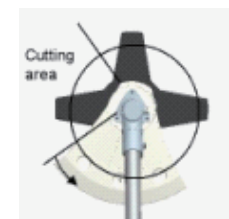
BLADE THRUST

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 with the brush cutter, from the right to the left. In the event an unexpected object or woody stock is encountered, this practice could minimize the blade thrust reaction.

BLADE

The blade is suited only for thicker weeds and pulpy stalks. When the blade becomes dull, it can be turned over to extend the life of the blade.

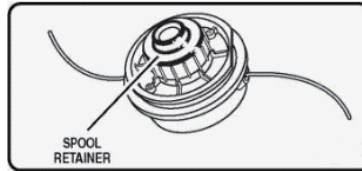
- Always hold brush cutter on your right side with both hands when operating. Use a firm grip on both handles.
- Maintain your grip and balance on both feet. Position yourself so that you will not be drawn off balance by the kickback reaction of the cutting blade.
- Inspect and clear the area of any hidden objects such as glass, rocks, concrete, fencing, wire, wood, metal, etc.



- Never use blades near sidewalks, fencing, posts, buildings or other immovable objects.
- Never use a blade after hitting a hard object without first inspecting it for damage. Do not use if any damage is detected.
- The unit is used as a scythe, cutting from the right to the left in a broad sweeping action from side to side.
- Use only the blade. To install any other brand blade or cutting head to this brushcutter can result in serious personal injury.

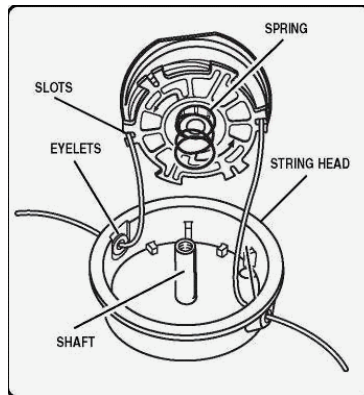


WARNING! Use only original manufacturer's replacement parts, accessories and attachments. Failure to do so can cause poor performance, possible injury and may void your warranty. You can often make adjustments and repairs described here. For other repairs, have the trimmer serviced by an authorized service dealer.



Spool replacement

A, New pre-wound spool



If replacing string only, refer to "String Replacement" later in this manual. Use only monofilament string. Use original manufacturer's replacement string for best performance.

String Diameter: - 2.0 mm

1. Stop the engine, disconnect the spark plug wire. Hold the string head and unscrew the spool retainer.

Turn the spool retainer counter clockwise.

2. Remove the empty spool from the string head. Keep the spring attached to the spool.

3. To install the new spool, make sure the two strings are captured in the slots opposite each other on the new spool. Make sure the ends of each string is extended approximately 6 in. (152 mm) beyond each slot.

4. Thread the strings into the eyelets in the string head. Carefully push the spool into the string head (gently pull the strings to the outside if necessary). When the spool is positioned in the string head, grasp the strings and pull sharply to release them from the slots in the spool.

5. Push down and turn the spool counter clockwise until it no longer turns. Hold the spool down and rotate clockwise a small amount. Release the spool. The spool should be locked down in the string head. If not, hold down and rotate until locked.

6. Make sure the string head and the spool retainer are installed on the drive shaft.

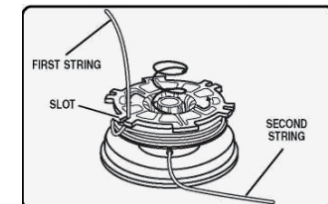
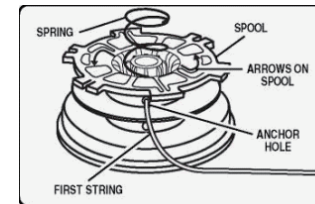
B To install the spool retainer:

Turn the spool retainer clockwise.

7. Pull the strings again to rotate the spool into cutting position. Push the spool retainer down while pulling on string(s) to manually advance the string and to check for proper assembly of the string head.

String replacement

Use only monofilament string. Use original manufacturer's replacement string for best performance.



String Diameter:

2.0 mm

1. Stop the engine, disconnect the spark plug wire. Hold the string head and unscrew the spool retainer.

To remove the spool retainer:

Turn the spool retainer counter clockwise.

2. Remove the spool from the string head.

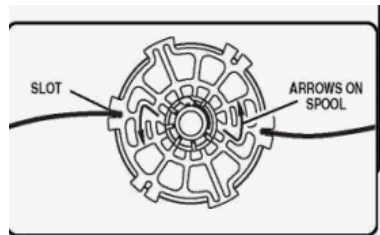
NOTE: Keep the spring attached to the spool.

Remove any old string remaining on the spool.

3. Cut 1 pieces of string, each being approximately 20 ft. (5 m) long.

Insert the string into the slot in the spool. Wind the string around the 2 slots of the spool counter clockwise, as shown by the arrows on the spool. Place string in the slot on upper/bottom spool flange, leaving about 6 in. (152 mm) extended beyond the slot. Do not overfill. After winding the string, there should be at least 1/4 in. (6 mm) between the wound string and the outside edge of the spool.

Replace the spool and the spool retainer. Refer to "Spool Replacement" earlier in this manual.



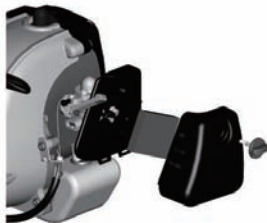
Cleaning the exhaust part and muffler

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

Replacing and cleaning air filter

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

1. Remove the air filter cover by unscrew the wing screw.
2. Remove the filter, clean it in warm soapy water. Rinse and let dry completely. For best performance, replace annually.
3. Reinstall the filter.
4. 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 and tighten the wing screw securely in place.



Storage (1 MONTH OR LONGER)

1. Drain all fuel from tank into a container approved for unleaded petrol. Run engine until it stops. Clean all foreign material from the trimmer. Store it in a well-ventilated place that is inaccessible to children.
2. 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 unleaded petrol. Excess fuel should be used up in other 2-stroke engine powered equipment.
3. Abide by all ISO and local regulations for the safe storage and handling of unleaded petrol. Excess fuel should be used up in other 2-stroke engine powered equipment.

Failure	Cause	Resolution
Engine not starting	1. Empty tank 2. Flooded engine 3. Fouled spark plug (remains of carbon on the electrodes) electrodes too far away 4. Fouled carburettor or its jets 5. Damaged spark plug connection or damaged spark plug 6. Incentive spar missing	1. Fill up 2. Close the throttle, start for several times, in case of need take out the spark plug and dry it 3. Clean the spark plug, check its temperature, replace if needed. Adjust at 0.6-0.7 mm 4. Clean the carburettor with air 5. Replace 6. Check short circuit button cable, ignition module, in case of need replace. Adjust the gap (0,3-0,4 mm).
Engine runs too fast when idle	1. Cold engine	1. Warm up slowly; alternatively close the choke a bit.
Engine does not reach its maximal capacity	1. Fouled spark plug (remains of carbon on the electrodes) electrodes too far away 2. Fouled carburettor or its jets 3. Fouled air filter 4. Exhaust, exhaust channel 5. Sealing ring in crankcase not sealing properly 6. Worn cylinders, pistons and piston rings m 7. Wrong fuel mix (too much oil) 8. Bad ignition	1. Clean the spark plug, check its temperature, replace if needed. Adjust at 0.6-.07 mm. 2. Clean the carburettor with air 3. Clean 4. Take out the exhaust and clean it, remove remains of carbon 5. Replace 6. Replace the cylinder, piston or piston rings, reface the cylinder and piston, assembly 7. Fill up according to the instructions 8. Adjust the ignition module louver (0.3-0.4 mm)
Engine would not stop	1. Spark plug is light grey with signs of heating (heating drops) 2. Remains of carbon in the combustion area	1. Install a spark plug with a higher thermal value 2. Clean cylinder head, piston bottom and cylinder channels

Thank you for purchasing a PowerG garden tool. In the unlikely event that your product develops a fault, please contact our team of technical experts at Core Service, the aftersales department, on 0844 856 0793 who will aim to resolve any faults over the phone for you.

This product is guaranteed for 1 year from the original date of purchase; the guarantee applies to material and manufacturing defects. These guarantee terms cover additional guarantee rights and do not affect your statutory rights. If the defect is covered by our guarantee your product will either be refunded in full, or replaced.

Guarantee claims should be submitted within the 12 month guarantee period after which no claims will be accepted.

Please note that our products are for DIY use only and are not designed for use in commercial, trade or industrial applications. Consequently, the guarantee is invalidated if the equipment is used in commercial, trade or industrial applications or for other equivalent activities. This product must be used in accordance with the instructions contained in this manual. The guarantee will be rendered invalid if the product has been damaged by unauthorised repairs or resold.

The following are also excluded from the guarantee:

- A) Faults due to accidents, customer misuse, or unauthorized repairs
- B) Consumable parts and accessories such as blades/spark plugs or filters
- C) Failure due to lack of routine maintenance
- D) Failure as a result of not using the equipment in accordance with the manual and safety instructions
- E) The adjustment of cables, drive belts or recoil starters

Please keep your proof of purchase in a safe place; this warranty is not valid without the original dated proof of purchase.

Core Service
Technical helpline: 0844 856 0793
Email: support@coreservice.co.uk
Website: www.coreservice.co.uk

SUMEC

Declaration of Conformity

We

SUMEC Hardware & Tools Co., Ltd.
198 Chang Jiang RD., Nanjing, CHINA

And our branch office

Sumec UK Co. Ltd

Unit A&B

Esrick Business Park

Esrick

York

YO19 6FD

Declare that the product

Petrol Multiple tools

basic function: pole-mounted pruner; optional functions:

hedge trimmer, grass trimmer, brush cutter

Model No: TJB30

Complies with the essential health and safety requirements of the following directives:

2004/108/EC ---- EMC Directive

2006/42/EC ---- Machinery Directive

2000/14/EC and 2005/88/EC ---- Outdoor Noise Directive

97/68 AS AMENDED BY 2004/26 /EC ---- Emission Directive

Standards and technical specification referred to :

EN ISO 11680-1:2011, EN ISO 11806-1:2011,

EN ISO 10517:2009 , EN ISO14982:2009

Measured sound power level Max. 109.6 dB(A)

Guaranteed sound power level 114 dB(A)

Conformity assessment method to Annex VI/ Directive 2000/14/EC and 2005/88/EC

EC type approval to 2006/42/EC 12SHW1868-02. Intertek Deutschland GmbH (NB 905)

Authorized Signatory

Date: 2013-02-04

Signature:

Name: Cai Ji Bo

General Manager

SUMEC Hardware and tools co. Ltd.

