

Operator's Manual

MFT526I

2-Cycle Multi-function Tool

SAVE THESE INSTRUCTIONS

SERVICE

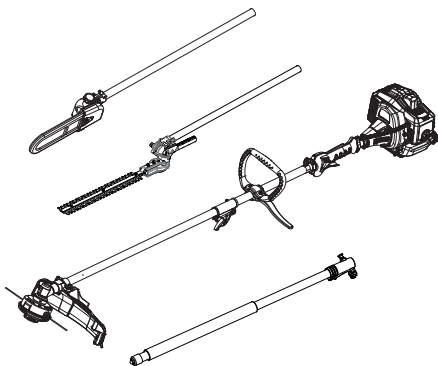
DO NOT RETURN THIS UNIT TO THE RETAILER. PROOF OF PURCHASE WILL BE REQUIRED FOR WARRANTY SERVICE.

For assistance regarding the assembly, operation or maintenance of the unit, please call **1-844-786-7335** (in the United States) or contact email box CUSTOMERSUPPORT@WILDBADGERPOWER.COM

Warranty service is available through an authorized service center. To locate a service center in your area, please write us email or call the number listed above. Service on this unit, both within and after the warranty period, should only be performed by an authorized and approved service center. When servicing, use only identical replacement parts.

All information, illustrations, and specifications in this manual are based on the latest product information available at the time of printing. We reserve the right to make changes at any time without notice.

The product may vary slightly from the illustrations contained in this manual.



IMPORTANT: Read this manual thoroughly before using this product. Follow all instructions.

SAFETY

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols, and their explanations, deserve your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instructions or warnings they give are not substitutes for proper accident prevention measures.

SYMBOL MEANING



DANGER: Signals an **EXTREME** hazard. Failure to obey a safety **DANGER** symbol **WILL** result in serious injury or death to yourself or to others.



WARNING: Signals a **SERIOUS** hazard. Failure to obey a safety **WARNING** symbol **CAN** result in serious injury to yourself or to others.



CAUTION: Signals a **MODERATE** hazard. Failure to obey a safety **CAUTION** symbol **MAY** result in property damage or injury to yourself or to others.

NOTE: Advises you of information or instructions vital to the operation or maintenance of the equipment.

Read the operator's manual and follow all warnings and safety instructions. Failure to do so can result in serious injury to the operator and/or bystanders.

• IMPORTANT SAFETY INSTRUCTIONS •

READ ALL INSTRUCTIONS BEFORE OPERATING



WARNING: When using the unit, all safety instructions must be followed. Please read these instructions before operating the unit in order to ensure the safety of the operator and any bystanders. Please keep these instructions for later use.

- Read the instructions carefully. Be familiar with the controls and proper use of the unit.
- Do not operate this unit when tired, ill or under the influence of alcohol, drugs or medication.
- Never allow children to operate the unit. Teens must be trained, accompanied and supervised by an adult. Never allow adults to operate the unit without proper instruction.
- All guards and safety attachments must be installed properly before operating the unit.
- Inspect the unit before use. Replace damaged parts. Check for fuel leaks. Make sure all fasteners are in place and secure. Replace parts that are cracked, chipped, or damaged in any way. Do not operate the unit with loose or damaged parts.
- Only use the trimming line described in the *Specifications* section of this manual. Never use metal-reinforced line, wire, chain or rope. These can break off and become dangerous projectiles.
- Be aware of risk of injury to the head, hands and feet.
- Carefully inspect the area before starting the unit. Remove rocks, broken glass, nails, wire, string and other objects that may be thrown or become entangled with the unit.
- Clear the area of children, bystanders and pets; keep them outside a 50-foot (15 m) radius, at a minimum. Even then, they are still at risk from thrown objects. Encourage bystanders to wear eye protection. If you are approached, stop the unit immediately.
- Squeeze the throttle control and check that it returns automatically to the idle position. Make all adjustments or repairs before using the unit.
- Do not change the engine governor settings or overspeed the engine.
- This unit is intended for occasional, household use only.

SAFETY WARNINGS FOR GAS UNITS



WARNING: Gasoline is highly flammable and its vapors can explode if ignited. Take the following precautions:

- Store fuel only in containers specifically designed and approved for the storage of such materials.
- Always stop the engine and allow it to cool before filling the tank. Never remove the fuel tank cap or add fuel when the engine is hot. Always loosen the fuel tank cap slowly to relieve any pressure in the tank before fueling.
- Always mix and add fuel in a clean, well-ventilated outdoor area where there are no sparks or flames. DO NOT smoke.
- Never operate the unit without the fuel cap securely in place.
- Avoid creating a source of ignition for spilled fuel. Wipe up any spilled fuel from the unit immediately, before starting the unit. Move the unit at least 30 ft. (9.1 m) from the fueling source and site before starting the engine. DO NOT smoke.
- Never start or run the unit inside a closed room or building. Breathing exhaust fumes can kill. Operate this unit only in a well ventilated outdoor area.

WHILE OPERATING

- Wear safety glasses or goggles that meet current ANSI / ISEA Z87.1 standards and are marked as such. Wear ear/hearing protection when operating this unit. Wear a face mask or dust mask if the operation is dusty.
- Wear heavy long pants, boots, gloves and a long sleeve shirt. Do not wear loose clothing, jewelry, short pants, sandals or go barefoot. Secure hair above shoulder level.
- The cutting head shield must always be in place while operating the unit. Do not operate the unit without both trimming lines extended and the proper line installed. Do not extend the trimming line beyond the length of the shield.
- The cutting head should remain stationary when the engine idles. If it does not, refer to *Adjusting the Idle Speed*.
- Adjust the handle to provide the best grip, if applicable.
- Make sure the cutting head is not in contact with anything before starting the unit.
- Use the unit only in daylight or good artificial light.
- Avoid accidental starting. Be in the starting position whenever pulling the starter rope. The operator and unit must be in a stable position while starting. Refer to *Starting and Stopping*.
- Use the right tool. Only use this tool for its intended purpose.
- Always hold the unit with both hands when operating. Keep a firm grip on both handles or grips.
- Do not overreach. Always keep proper footing and balance. Take extra care when working on stairs, steep slopes or inclines. To avoid serious injury, do not operate the unit while on a ladder or a roof.
- Keep hands, face, and feet away from all moving parts. Do not touch or try to stop moving parts.
- Do not touch the engine, gear housing or muffler. These parts get extremely hot from operation, even after the unit is turned off.
- Do not operate the unit faster than the speed needed to do the job. Do not run the unit at high speed when not in use.
- Do not force the unit. It will do a better, safer job when used at the intended rate.
- Always stop the unit when operation is delayed or when walking from one location to another.

- Before setting the unit down, always make sure the engine is off and all moving parts have stopped.
- If you strike or become entangled with a foreign object, stop the unit immediately and check for damage. Do not operate the unit before repairing damage. Do not operate the unit with loose or damaged parts.
- Turn the engine off and disconnect the spark plug for maintenance or repair.
- Use only original equipment manufacturer (OEM) replacement parts and accessories for this unit. These are available from your authorized service dealer. Use of any other parts or accessories could lead to serious injury to the user, or damage to the unit, and void the warranty.
- Keep the unit clean. Carefully remove vegetation and other debris that could block moving parts.
- To reduce fire hazard, replace a faulty muffler and spark arrestor. Keep the engine and muffler free from grass, leaves, excessive grease or carbon build up.
- If the unit starts to vibrate abnormally, stop the unit immediately. Inspect the unit for the cause of the vibration. Vibration is generally an indicator of trouble.

OTHER SAFETY WARNINGS

- Maintain the unit with care.
- All service, other than the maintenance procedures described in this manual, should be performed by an authorized service dealer.
- Never remove, modify or make inoperative any safety device furnished with the unit.
- Before inspecting, servicing, cleaning, storing, transporting or replacing any parts on the unit:
 1. Stop the unit.
 2. Make sure all moving parts have stopped.
 3. Allow the unit to cool.
 4. Disconnect the spark plug wire.
- Secure the unit while transporting.
- Never store the unit with fuel in the tank, inside a building where fumes may reach an open flame (pilot lights, etc.) or sparks (switches, electrical motors, etc.).
- Store the unit in a dry place, secured or at a height to prevent unauthorized use or damage. Keep the unit out of the reach of children.
- Never douse or squirt the unit with water or any other liquid. Keep handles dry and clean (free from debris, oil and grease).
- Clean the unit after each use. Refer to *Cleaning and Storage*. Do not use solvents or strong detergents.
- Keep these instructions. Refer to them often and use them to instruct other users. If you loan this unit to others, also loan them these instructions.

SAVE THESE INSTRUCTIONS

• SAFETY & INTERNATIONAL SYMBOLS •

This operator's manual describes safety and international symbols and pictographs that may appear on this product. Read the operator's manual for complete safety, assembly, operating and maintenance and repair information.

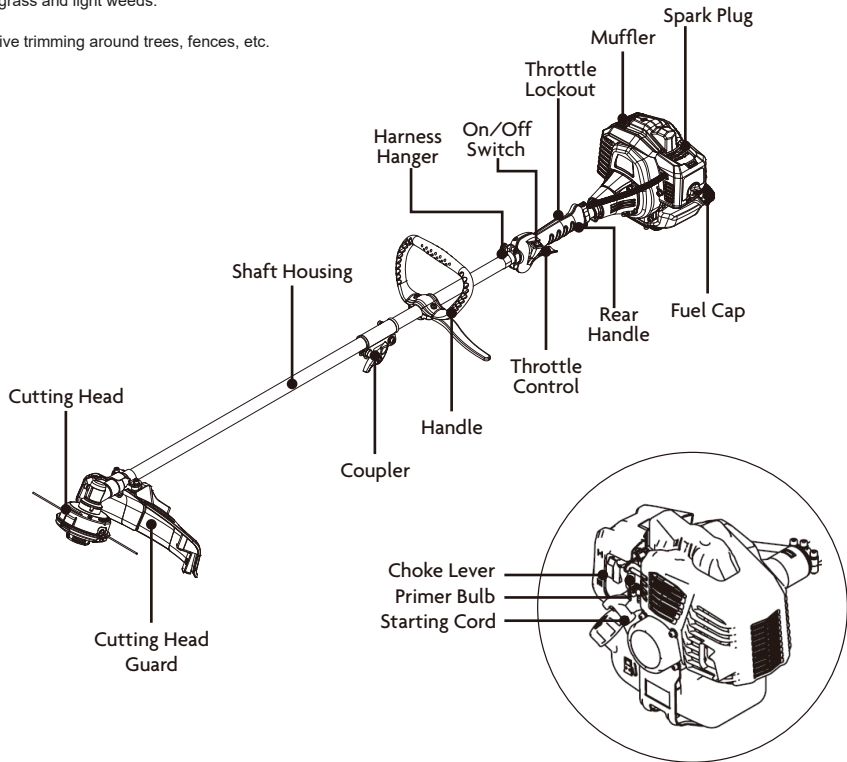
SYMBOL	MEANING
	SAFETY ALERT SYMBOL Indicates danger, warning or caution. May be used in conjunction with other symbols or pictographs.
	READ OPERATOR'S MANUAL WARNING: Read the operator's manual(s) and follow all warnings and safety instructions. Failure to do so can result in serious injury to the operator and/or bystanders.
	WEAR EYE AND HEARING PROTECTION WARNING: Thrown objects and loud noise can cause severe eye injury and hearing loss. Wear eye protection meeting current ANSI / ISEA Z87.1 standards and ear protection when operating this unit. Use a full face shield when needed.
	WEAR FOOT PROTECTION Always wear heavy-duty, non-slip footwear when operating this unit.
	WEAR HAND PROTECTION Always wear heavy-duty, non-slip gloves when handling this unit.
	HANDLE POSITION Make sure the handle is positioned beyond the end of the safety label.
	UNLEADED FUEL Always use clean, fresh unleaded fuel.
	OIL Refer to operator's manual for the proper type of oil.
	DO NOT USE E85 FUEL IN THIS UNIT WARNING: It has been proven that fuel containing greater than 10% ethanol will likely damage this engine and void the warranty.

SYMBOL	MEANING
	ON/OFF STOP CONTROL ON / START / RUN
	ON/OFF STOP CONTROL OFF or STOP
	PRIMER BULB Push primer bulb, fully and slowly, 7 times.
	THROWN OBJECTS CAN CAUSE SEVERE INJURY WARNING: Small objects can be propelled at high speed, causing injury.
	KEEP BYSTANDERS AWAY WARNING: Keep all bystanders, especially children and pets, at least 50 feet (15 m) from the operating area.
	HOT SURFACE WARNING: Do not touch a hot muffler or cylinder. You may get burned. These parts get extremely hot from operation. When turned off, they remain hot for a short time.
	SHARP BLADE WARNING: There is a sharp blade on the cutting head shield. To prevent serious injury, do not touch the line cutting blade.

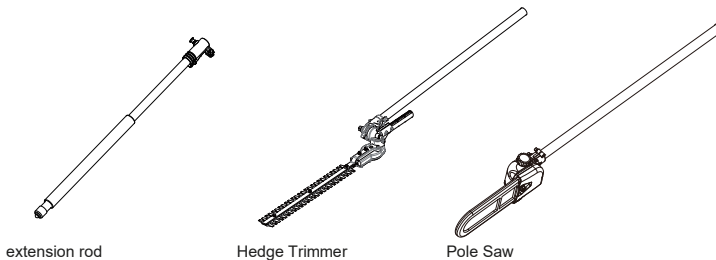
APPLICATIONS

As a trimmer /brush cutter:

- Cutting grass and light weeds.
- Edging
- Decorative trimming around trees, fences, etc.



Other optional attachments may be used with this unit.



SPECIFICATIONS*

Model name	MFT1526
Engine type	Air-Cooled, 2-Cycle
Engine displacement	25.4cc
Rated motor power	0.7kw
Volumes of fuel tank	500ml
Fuel/Oil ratio	40:1
Cutting diameter for nylon head for straight shfat	430mm
Trimming line	2.4mm
Max. engine speed-trimmer (with nylon head, no-load)	9000/min for straight shaft

Cutting data hedge trimmer	
Cutting circle diameter	24mm
Blade length	430mm
Cutting length	400mm
Max. cutting speed	1550/min max.
Cutting data pole saw	
Cutting length	254mm
Chain link thickness	1.1mm
Oil tank capacity	125 ml

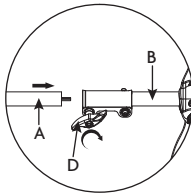
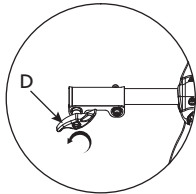
* All specifications are based on the latest product information available at the time of printing. We reserve the right to make changes at any time without notice.

ASSEMBLY

When assembling this machine, please follow the instructions for assembly steps.

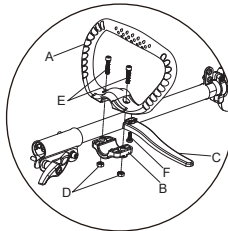
1. Connecting the upper and lower shafts:

Release the knob (D) , and put in the trimmer shaft (A) , after the trimmer shaft get in, tight the knob (D)



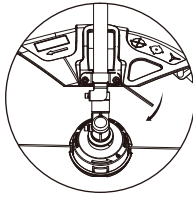
2. Attaching the handle:

- Put (A) and (B) on the tube
- Then tight the screw (E) to nut (D)
- Then use scrow (F) to tight (C) to (A).
- Fully tighten the screw (E) and (F).



3. Attaching the blade guard:

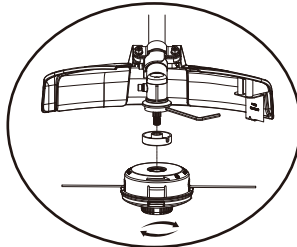
Attach the guard using the hex key included. The guard is attached to the lower shaft with two hexscrews facing the operator.



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. Never use the machine without the guard assembled!

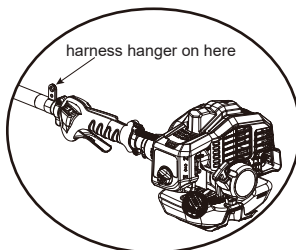
4. Attach/detach cutting heads:

Attach/detach the string trimmer head. Line up the holes of flange and shield, use the hex key included to prevent the shaft from turning. To attach the string trimmer head turn counter-clockwise until snug. To detach the string trimmer head turn clockwise until it is released from the shaft.



5. Fit/attach the shoulder harness:

Place strap over the operators head and one shoulder. Adjust the harness length to the operators arm reach. Clip harness to the harness hanger on the trimmer.

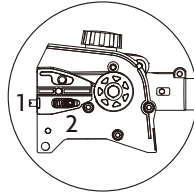
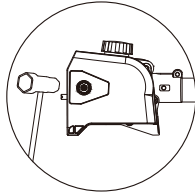


Warning!

Please make sure the cutting head has been assembled correctly before use!

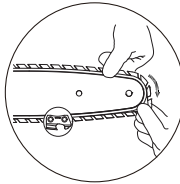
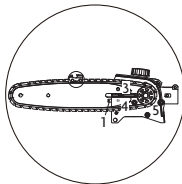
Attaching the bar and chain:

- Unscrew nut and take off the sprocket cover.
- Turn tensioning screw (1) anticlockwise until the tensioning nut (2) butts against the left.



6. The chain is very sharp – wear work gloves to protect hands from cuts

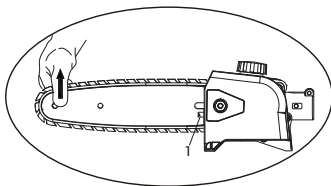
- Fit the chain – start at the bar nose.
- Fit guide bar over the stud (3). Engage peg of tensioner slide in locating hole (4) – place the chain over sprocket (5) at the same time.



- Now turn tensioning screw (1) clockwise until there is very little chain sag on the underside of the bar and the drive link tangs are located in the bar groove.
- Refit the sprocket cover and screw on the nut tightly enough.

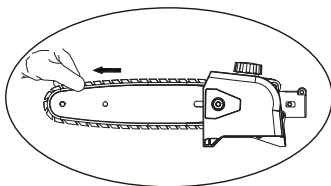
Tensioning the Saw Chain

- Retensioning during cutting work:
Shut off the engine and then slacken the nut.
Hold the bar nose up.
Use screwdriver to turn the tensioning screw (1) clock-wise until chain fits snugly against the underside of the bar
- A new chain has to be re-tensioned more often than one that has been in use for some time check chain tension frequently. see chapter "Operating Instructions/ During Operation".



Checking Chain Tension

- Wear work gloves to protect hands.
- Chain must fit snugly against the underside of the bar by hand.
- If necessary, retension the chain.



Chain Lubricant

- For automatic and reliable lubrication of the chain and guide bar – **use only an environmentally compatible quality chain and bar lubricant with non-fling additive is recommended.**

The service life of the chain and guide bar depends on the quality of the lubricant. It is therefore essential to use only a specially formulated chain lubricant. If special chain lubricant is not available, you may – in an emergency – use an HD single grade or multi-grade engine oil with a viscosity that suits the prevailing outside temperature.



Do not use waste oil!

Medical studies have shown that renewed contact with waste oil can cause skin cancer. Moreover, waste is environmentally harmful!

Waste oil does not have the necessary lubricating properties and is unsuitable for chain lubrication.

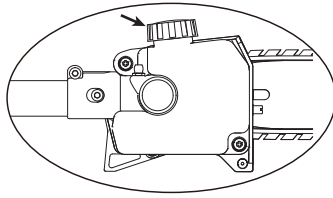
Filling Chain Oil Tank

A full chain oil tank is sufficient for only half a tankful of fuel. Check the oil level regularly during cutting work. Never allow the oil tank to run dry!

Thoroughly clean the filler cap and area around it so that no dirt can fall into the tank.

Position the unit so that the filler cap faces up.

If the oil level in the tank does not go down, the reason may be a problem in the oil supply system: Check chain lubrication, clean the oil ways, contact your servicing dealer for assistance if necessary.



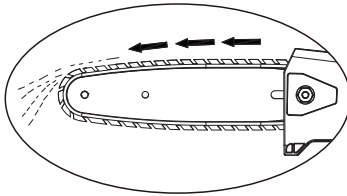
Checking Chain Lubrication

The saw chain must always throw off a small amount of oil.

Always check chain lubrication and the oil level in the tank before starting work.

Never operate your pruner without chain lubrication. If the chain is run dry, the whole cutting attachment will be irretrievably damaged within a very short time.

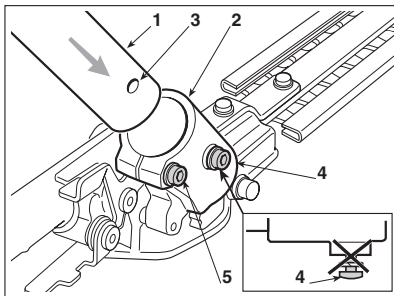
Every new chain has to be broken in for about 2 to 3 minutes. After breaking in the chain, check chain tension and adjust if necessary – see chapter „Checking Chain Tension“.



Installation and adjustment pole hedge trimmer

Installing the rod (if supplied separately)

- Insert the rod (1) into the socket (2) so the hole (3) lines up with the bolt (4).
- Tighten the two bolts (4) and (5). Once they are tight-



OPERATION

When operating this machine, please follow the instructions for operations steps.

1. Filling with fuel

**Danger of injury!**

Fuel is explosive!

- Turn off and cool the motor down before filling the tank with fuel.
- You must observe all safety instructions relating to handling fuel.

**Risk of device damage!**

The device is supplied without motor or gearbox oil.

Before operating, you must fill it with fuel.



DO NOT SELL TO CALIFORNIA

Never use oil for 4-cycle engine use or water-cooled 2-cycle engine. It can cause spark plug fouling, exhaust port blocking or piston ring sticking. Mixed fuels, which have been left unused for a period of one month or more, may clog the carburetor or result in the engine failing to operate properly. Put remaining fuel into an airtight container and keep it in the dark and cool room.

Mix a regular grade gasoline (leaded or unleaded, alcohol-free) and a quality-proven motor oil (above 90 degree) for air-cooled 2 cycle engines.

RECOMMENDED MIXING RATIO

GASOLINE 40: OIL 1

WARNING! Take care of the emission of exhaust gases. Always shut off engine before fueling. Never add fuel to a machine with a running or hot engine. Take care of fire!

WARNING! Never smoke whilst refueling and avoid inhaling the petrol fumes.

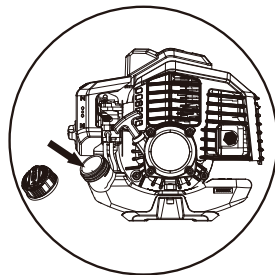
WARNING! Carefully open the tank top as pressure could have formed inside.

Before refuelling:

- Shake the fuel mixture container well.
- Place the machine on a flat stable surface, with the fuel tank cap facing upwards.
- Clean the fuel tank cap and the surrounding area to avoid any dirt from entering the tank during refilling.
- Carefully open the fuel tank cap to allow the pressure inside to decrease gradually. Use a funnel to refill and avoid filling the tank to the brim.
- Unscrew the tank cap and remove it.
- Pour in the fuel carefully, avoid spilling.
- Screw the tank cap on firmly by hand.

Draining fuel

- Hold a collection container beneath the fuel drain bolt.
- Unscrew the tank cap and remove it.
- Allow the fuel to run out completely.
- Screw the tank cap on firmly by hand.



1. FILL WITH 40:1 MIX

WARNING! Always close the fuel tank cap firmly.

WARNING! Immediately clean all traces of fuel which may have dripped on the machine or the ground and do not start the engine until the petrol fumes have dissipated.

STARTING PROCEDURES

Do not start the unit until it has been completely assembled.

Before starting the unit, always check the oil.

1. Inspect the device before use



DANGER OF INJURY!

Do not operate the device if you find any faults. If a part has become damaged or defective, make sure to replace it before you use the device again.

Check the safe condition of the device:

- Check the device for leaks.
- Check the device for visual defects.
- Check that all parts of the device have been securely fitted.
- Check that all safety components are in proper working condition.



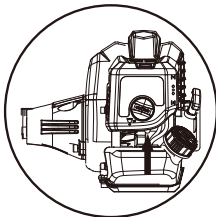
DANGER OF INJURY!

Before starting work, always check the ground and remove all objects which could be thrown by the device.

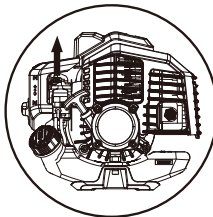
Once the machine has been set up properly and inspected, **cold start** the engine as follows:

Attention: The switch will always remain in the 'ON' position. To stop the unit press it to 'OFF' and hold until it is no longer running, release and it will return to the 'On'

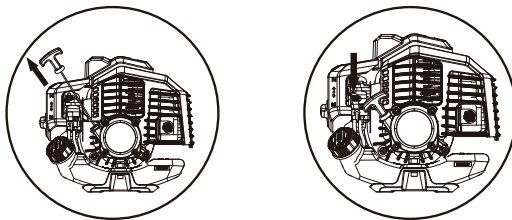
1. Press the priming bulb 7 times.



2. Move the choke lever to the START position.



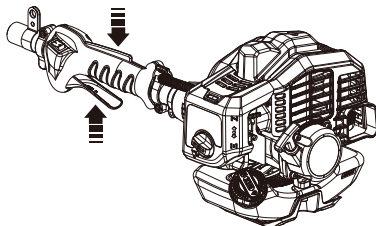
3. Hold the machine firmly on the ground with one hand. Pull the starting cord 3-5 times until you hear the engine start to turn over. Move choke lever to the RUN position.



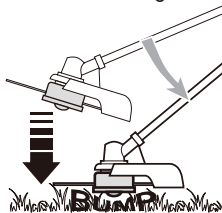
4. Pull the starting cord again until the engine starts.

Before starting work, allow the engine running one minutes at idling to warm up.

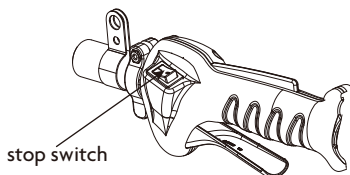
5. To begin trimming, press the lock lever down with your thumb and pull the throttle lever with your fingers to increase power.



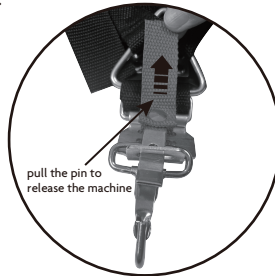
6. To adjust the line length while working: This trimmer is fitted with a “Bump-N-Feed” head. To release more line, tap the cutting line head against the ground with engine at top speed. Line will be released automatically and the knife on the blade guard will cut off the excess.



7. If any problems occur during operation, release the throttle lever and press the stop switch. The machine will stop running.



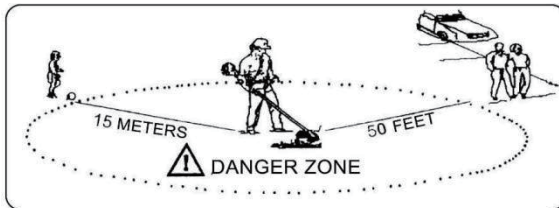
8. If any problems occur during operation, release the shoulder harness by pulling the pin to release the brush cutter immediately.



If the machine is still warm from running, **warm start** the engine as follows:

1. Move the throttle lever to the RUN position
2. Pull the starting cord to start the engine.

WARNING! Do not use the machine for sweeping, tilting the cutting line head. The power of the engine could throw objects and small stones 15 metres or more, causing damage or injuries to people.



Note:

1. Do not start the motor in tall grass
2. While mowing, lay the connection cable safely on footpaths and on areas which have already been mown.
3. When the engine has been switched off, the cutter continues running for several seconds therefore do not get close to the cutting head of the brush cutter until the cutter has come to a standstill!

- The design of the petrol brush cutter allows for operation only at the right side of the user's body.
- Keep the petrol brush cutter firmly with both hands on the handles.
- Always take care that the cutting tool continues to rotate briefly after the throttle has been released.
- When strike on a stone or a tree, turn off the engine and remove the spark plug then examine the petrol brush cutter for damage.
- Caution: Always be extra careful when working in difficult terrain and slopes. Cut tall grass gradually so as not to overload the unit.
- Always wear safety glasses and hearing protection and a safety helmet.

Mowing with grass trimmer

Clear the work area before cutting interfering branches and undergrowth. Then you create a retreat area, far from the spot where the cut branches fall on, and remove any obstacles there. Keep the work area clean, remove the cut branches immediately. Pay attention to your point, wind direction and the possible direction of fall of the branches. Be prepared that fallen branches can strike back. Place all other tools and equipment at a safe distance from the branches to be cut, but not in the retreat area.

- Use the plastic line cassette for a clean cut also at uneven edges, fencing posts, and grass.
- Carefully advance the trimming line to an obstacle, and use the tip of the line to cut around the obstacle.
- When the trimming line comes into contact with stones, trees, and walls, the line wears out or breaks off ahead of time.
- Swing the petrol cutting line like a normal scythe horizontally from right to left and back again. You define the cutting height depending on how high you are holding the tool.
- Never replace the nylon line with a metal wire.

RISK OF INJURIES

Automatic thread trimming

The product is delivered with a filled nylon head with line. This line will wear out during work. To feed new line, forcefully press the head of the line cassette onto the ground while the engine is running at working speed. The line is automatically fed due to centrifugal force. The knife at the line guard will shorten the trimming line to the correct length. Run the trim line approach cautiously to an obstacle and cut with the tip of the line around the obstacle.

CAUTION: Be especially careful, when using this working technique, because the further away the cutting tool is from the ground, the higher is the risk that objects to be cut and particles will be hurled sideways.

CAUTION: Incorrect use and misuse can damage the bush cutter and cause severe injuries because of pieces hurled away.

To minimize the risk of accidents by use of the cutting blade, take note of following points:

- Never cut shrubbery or wood whose diameter is larger than 2 cm.
- Avoid contact with metal bodies, stones, etc.
- Periodically check the cutting blade for damages. Never continue to use a damaged cutting blade.
- When the cutting blade becomes apparently blunt, it must be sharpened according to instructions. When the cutting blade is apparently out of balance, it must be replaced.

NOTE: Never start the motor with the carry strap attached to the machine!

Starting / Stopping the Engine

To reduce the risk of fire and burn injuries, start the engine at least 10 feet (3 meters) from the fueling spot, out-doors only.

Proper starting methods reduce the risk of injury.

Place the saw trimmer on firm ground or other solid surface in an open area or, in the alternative, as shown in the above picture. Maintain good balance and secure footing.

Operating Instructions

During operation

Check chain tension frequently!

A new chain has to be tensioned more often than one that has been in use for some time.

Cold chain:

Tension is correct when the chain fits snugly against the underside of the bar and can still be pulled along the bar by hand. Retension if necessary – see chapter “Tensioning the Saw Chain”. Chain at operating temperature: The chain stretches and begins to sag. The drive links on the underside of the bar must not come out of the bar groove – the chain may otherwise jump off the bar.

Retension the chain – see chapter “Tensioning the Saw Chain”.



Always slacken off the chain again after finishing work. The chain contracts as it cools down. If it is not slackened off, it may damage the gear shaft and bearings.

After finishing work

Slacken off the chain if you have retensioned it at operating temperature during cutting work.



The chain contracts as it cools down. If it is not slackened off, it may damage the gear shaft and bearings.

USING THE POLE PRUNER

Preparations:

Wear suitable protective clothing and equipment .

Start the engine.

Put on the shoulder strap.

Never throw cuttings into the household garbage can – they can be composted!

Never stand directly under the branch you are cutting – be ware of falling branches. Note that a branch may spring back at you after it hits the ground!

Cutting sequencePreparations:

To allow branches a free fall, always cut the lower branches first. Prune heavy branches (large diameter) in several controllable pieces.

Working position

Hold the control handle with your right hand, and the drive tube with your left hand. Your left arm should be extended to the most comfortable position.

The shaft should always be held at an angle of 60° or less!

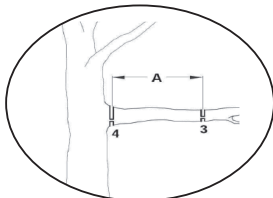
The most convenient working position is a tool angle of 60°, but any lesser angle may be used to suit the situation concerned.



Flush-cutting thick branches

If branch diameter is more than 4" (10 cm), first per-form undercut (3) and then cross-cut at a distance (A) of about 8" (20cm) from the final cut.

Then carry out the flush-cut (4), starting with a reliev-ing cut and finishing with a cross-cut.

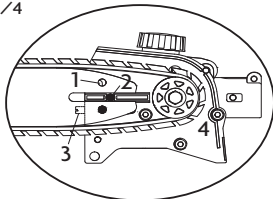


Taking Care of Guide Bar

Turn the bar over – every time you sharpen the chain – and every time you replace the chain.

This avoids one-sided wear, especially at nose and underside of the bar.

Regularly clean position 1/2/3/4



After finishing work

Slacken off the chain if you have retensioned it at operating temperature during cutting work.

The chain contracts as it cools down. If it is not slackened off, it may damage the gear shaft and bearings.

POLE HEDGE TRIMMER

Operation

Important: You should also carefully read through the operating instructions for the brush cutter on which the hedge cutter attachment is to be used.

Before commencing work, check that:

- all screws and bolts on the machine and on the blades have been tightened
- the blades are sharp and undamaged
- the protective devices are fitted tightly and provide adequate protection**
- the hand grips are properly secured**

Possible applications

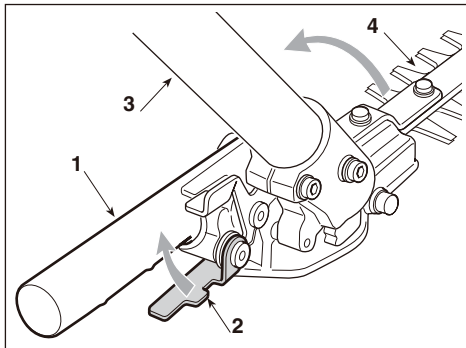
The branches being cut must not be more than 5mm thick; using the hedge cutter attachment to chop through thicker branches may cause irreparable damage to the attachment.

The cutting angle may **ONLY** be adjusted when the motor is switched off. The motor must also be **SWITCHED OFF** before removing branches or foliage stuck in the attachment.

Always hold the cutting unit away from the body during operation.

When the unit is stopped, always fit the guard.

Adjusting the angle of the blade

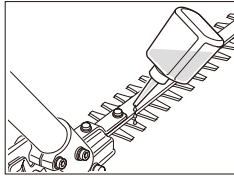


Switch off the motor and wait until the blade comes to a stop.

Firmly hold the grip (1) and then, holding the rod (3) with the other hand, push the unlocking lever (2) and move the grip (1) to change the angle of the blade (4).

When the lever (2) is released again, the blade stays locked in the desired position.

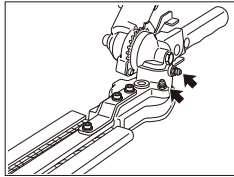
Lubricating the blade during use



If the cutting unit gets too hot during operation, the internal faces of the blade must be lubricated using a specific oil.

⚠ Please note: This procedure may only be carried out when the motor is switched off and the blade has come to a stop.

Blade drive housing



Lubricate at intervals of 20 hours via the lubricating nipple.

Use lithium-based lubricating grease for high temperatures and pressure values to lubricate your machine.

Maintaining and sharpening the blade

⚠ Please note: Check regularly to ensure that the blades are not warped or damaged and that the blade bed is in good condition.

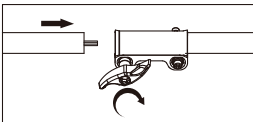
The blade spacing does not have to be set, this tolerance is preset in the factory.

If the blades are used in accordance with the instructions, no maintenance or sharpening is required.

Re-sharpening is only necessary if the cutting performance deteriorates and branches often become entangled.

Important: Should it be required, any work on the blade must be carried out by a specialized center, which has specialized equipment at its disposal and is in a position to perform the necessary work without negatively affecting the safety of the machine.

1. Mounting the rod:



Adjusting the carry strap



The design and type of carry strap may vary.

⚠ PLEASE NOTE: This carry strap has a safety device allowing you to immediately disconnect the strap from the machine in an emergency. To do so, pull forcefully on the red pull tab (as above pic. shows) on the strap. This disconnects the strap from the holding fixture immediately.

NOTE: Never start the motor with the carry strap attached to the machine!

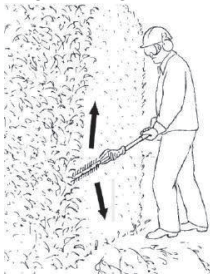
Do not use your power scythe attachment during other people's rest periods.

Preparations

Always wear a harness.

Vertical cut (with straight cutter bar)

Large working radius even without additional aids



Vertical cut (with angled cutter bar)

Cutting without standing directly next to hedge



Horizontal cut (with straight cutter bar)

Cutting without standing directly in front of the hedge - large working radius



Horizontal cut (with angled cutter bar)

Cutting close to the ground from a standing position, e.g. low shrubs



Overhead cut (with angled cutter bar)

Hold the hedge cutter above your head and swing it in an arc to make maximum use of its reach.



Do not throw cuttings in the rubbish bin (garbage can) -they can be composted

Any working position above head height is tiring. To minimize the risk of accidents, work in such positions for short periods only. Set angle of adjustable cutter bar to maximum so that the unit can be held in a lower, less tir-tir-ing position (with harness) while still providing adequate vertical reach.

ROUTINE MAINTENANCE

Correct maintenance is essential to maintain the original efficiency and safety of the machine over time.

Before performing any maintenance or cleaning work, always turn off the engine.

1. Do not spray the unit with water. Ingress of water may damage the engine and electrical connection.
2. Clean the unit with a cloth, hand brush, etc.

WARNING! During maintenance operations:

- Remove the spark plug cap.
- Wait until the engine is sufficiently cold.
- Never dispose of oils, fuel or other polluting materials in unauthorized places.

Maintenance schedule			
	12 hours of use	24 hours of	>50 hours of
Air filter	clean	clean	replace
Spark plug	check	clean	replace

Expert inspection is required:

- a) If the grass trimmer strikes an object.
- b) If the motor stops suddenly
- c) If the nylon cutter is damaged
- d) If the gears are damaged.

Replacing and recleaning the nylon spool at the end of the trimming season. Always re-cleaned the nylon spool or, if required, replace the nylon spool with a new one. Always have the nylon spool re-cleaned or replaced by a customer service centre.

STORAGE

At the end of each working session, carefully clean the machine of dust and debris, and make sure that there are no damaged parts, replacing any faulty parts. The machine must be stored in a dry place away from the elements and with the cover correctly fitted.

CLEANING THE ENGINE AND THE SILENCER

To reduce fire risks, periodically clean the cylinder fins with compressed air and clear the silencer area to get rid of sawdust, branches, leaves or other debris.

STARTING UNIT

To avoid overheating and damage to the engine, always keep the cooling air vents clean and free of sawdust and debris. If you notice signs of wear on the starter cable, contact your Dealer for a replacement.

NUTS AND SCREWS

Periodically check that all the nuts and screws are securely tightened and the handgrips are tightly fastened.

CLEANING THE ENGINE

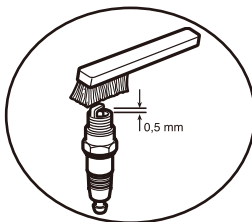
To reduce the risk of fire or overheating, periodically clean the cylinder fins and air vents with compressed air and clear the silencer area to get rid of dust, branches, leaves or other debris.

GENERAL INSPECTION

Periodically check that all the nuts and screws are securely tightened and the hand grips are securely fastened. If you notice signs of wear on the starting cable, contact your dealer for a replacement. Frequently check for and replace any damaged parts.

CLEANING & CHANGING THE SPARK PLUG

- Periodically remove and clean the spark plug using a metal brush to get rid of any deposits.
- Check and reset the correct distance between the electrodes.
- Replace the spark plug and fasten it firmly using the supplied wrench.
- The spark plug must be replaced by one with the same characteristics whenever the electrodes have burned or the insulation has worn, or every 100 working hours.

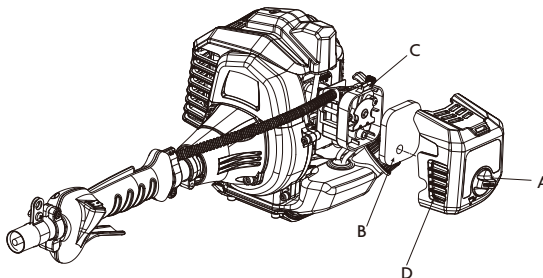


CLEAN THE AIR FILTER

IMPORTANT Cleaning the air filter is essential to guarantee the efficiency and duration of the machine. Do not work with a damaged filter or without a filter, as this could permanently damage the engine. The air filter must be cleaned after every 12 working hours.

Clean the Filter as follows:

- Loosen the knob (A) , remove the cover (D) and the filter element (B)
- Wash the filter (B) with petrol .
- Leave the filter (B) to dry in the open air.
- Fit the filter (B) and the cover (D) back on, tightening the knob (A) again

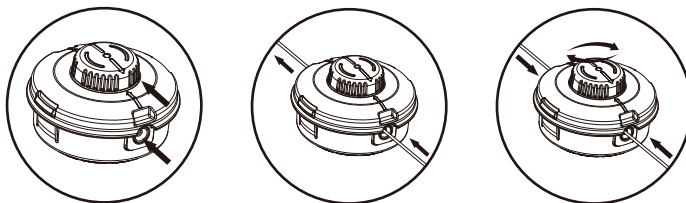


WARNING! Never run the engine without the air filter installed.

REPLACING THE TRIMMER LINE

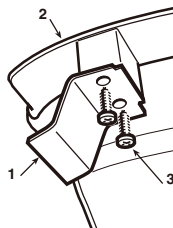
1. Align arrow & eyelet on the bottom of the trimming head by turning the top dial.
2. Insert the line by threading it through one eyelet and out the other eyelet on the other side of the trimming head.
3. Turn the dial clockwise to load trimmer string.

Do not overfill the trimmer head.



SHARPENING THE LINE CUTTING KNIFE

- Remove the line cutting knife (1) from the guard (2) by unscrewing the screws (3).
- Fix the line cutting knife in a vice and sharpen it using a flat file, being careful to retain the original cutting angle.
- Refit the knife on the guard.



Lubricate angle transmission

Lubricate with lithium-based grease. Remove the screw and put in the grease, turning the shaft manually until grease emerges, then replace the screw.

CLEANING AND STORAGE

CLEANING



WARNING: To avoid serious personal injury, always stop the engine and allow it to cool before cleaning or maintaining the unit.

Use a small brush to clean the outside of the unit. Do not use strong detergents. Household cleaners that contain aromatic oils such as pine and lemon, and solvents such as kerosene, can damage plastic. Wipe off any moisture with a soft cloth.

STORAGE

- Never store a fueled unit where fumes may reach an open flame or spark.
- Allow the engine to cool before storing.
- Lock up the unit to prevent unauthorized use or damage.
- Store the unit in a dry, well-ventilated area.
- Store the unit out of the reach of children.
- To suspend the attachment from a hook, install the hanger cap onto the attachment. Make sure the release button is securely locked into one of the holes on the hanger cap.

Short-term Storage (1-2 weeks)

1. Store the unit in a horizontal position. If this is not possible, store the unit vertically with the engine at the top.

Long-term Storage

1. Remove the fuel cap, tip the unit and drain the fuel into an approved container. Reinstall the fuel cap.
2. Start the engine and allow it to run until it stalls. This ensures that all fuel has been drained from the carburetor.
3. Allow the engine to cool. Remove the spark plug and put 5 drops of any high-quality motor oil or 2-cycle oil into the cylinder. Pull the starter rope slowly to distribute the oil. Reinstall the spark plug.
4. Thoroughly clean the unit and inspect it for any loose or damaged parts. Repair or replace damaged parts and tighten loose screws, nuts or bolts.

Preparing the Unit for Use after Long-term Storage

1. Remove the spark plug. Tip the unit and drain all of the oil from the cylinder into an approved container. Reinstall the spark plug.

NOTE: Do not use fuel that has been stored for more than 30 days. Dispose of old fuel and oil according to federal, state and local regulations.

TROUBLESHOOTING

The table below contains a list of fault symptoms and explains what you can do to remedy the problem if your equipment fails to work properly. If the problem still persists after working through the list, please contact your nearest service work shop.

Important hint in case of sending the equipment to a service station:

Due to security reasons please see to it that the equipment is sent back free of oil and gas!

Fault	Possible cause	Remedy
Machine does not start.	• Air filter is contaminated. • Fuel filter is blocked. • Lack of fuel supply. • Fault in the fuel line. • Starting device is faulty. • Engine stalled. • Spark plug cap not attached. • No spark. • Engine faulty. • Carburetor faulty	• Clean/replace the air filter. • Clean or renew the fuel filter. • Re-fuel. • Check the fuel line for kinks or damage. • Contact the service centre. • Remove the spark plug, clean and dry it; then pull the starter rope several times; re-fix the spark plug. • Check the correct position of the spark plug cap. • Clean the spark plug or replace it, if applicable. • Check the ignition cable for damage. • Contact the service centre. • Contact the service centre.
Machine starts but stops again.	• Wrong carburetor setting (idle speed).	• Contact the service centre.
Engine starts but the cutting tool stops.	• Cutting tool blocked. • Internal fault (drive shaft, gearbox). • Clutch faulty.	• Turn off engine and remove object. • Contact the service centre. • Contact the service centre.
Machine works with interruptions (sputtering).	• Carburetor set up incorrectly. • Spark plug is sooty. • On/off switch faulty.	• Contact the service centre. • Clean the spark plug or replace it. • Contact the service centre.
Smoke is generated.	• Wrong fuel mix. • Carburetor set up incorrectly.	• Use two-stroke mixture at a ratio of 40:1. • Contact the service centre.
Machine does not work at full power.	• Machine is overloaded. • Air filter is contaminated. • Carburetor set up incorrectly. • Silencer is blocked.	• Do not use force during mowing/trimming. • Clean the air filter or replace it. • Contact the service centre. • Check the exhaust.
Grass trimmer does not work at full power.	• Cutting line too short or damaged. • Machine is overloaded because the grass is too high.	• Feed more cutting line through or replace it. • Cut the grass in phases.
Cutting line cannot be fed through.	• Spool empty.	• Replace spool.
Pole saw does not saw, it plucks or vibrates.	• Chain tension too high. • Chain blunt. • Chain attached incorrectly. • Chain worn.	• Check and reset chain tension. • Have the chain sharpened or replace it. • Re-attach the chain. • Replace the chain.
Saw chain becomes hot or saw chain lubrication does not work.	• No oil in the tank. • Oil line blocked. • Chain tension too high. • Chain blunt.	• Refill oil. • Clean the oil line. • Set the chain tension. • Have the chain sharpened or replace it.

If further assistance is required, contact an authorized service dealer.

NOTES

This image shows a full page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for handwriting practice or general writing. There are no margins, text, or other markings on the page.

NOTES

This image shows a full page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for handwriting practice or general writing. There are no margins, text, or other markings on the page.

