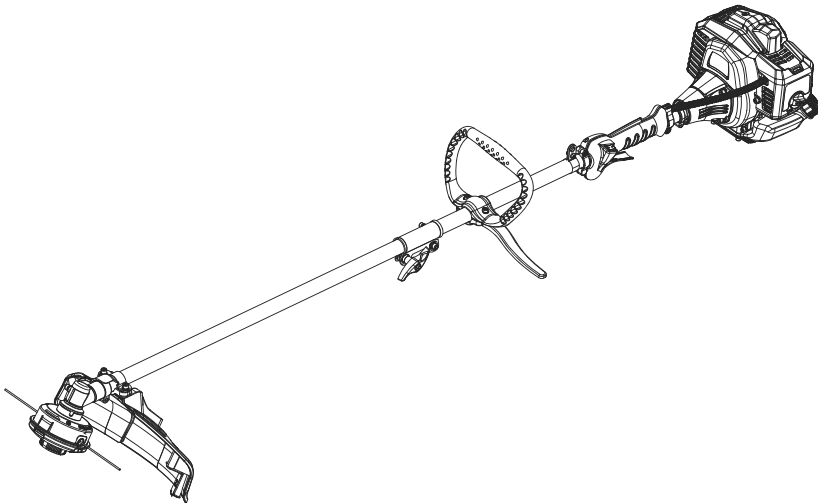

Operation Manual



**2-Cycle Gas String Trimmer
and Brush Cutter**

MODEL # G6200ST



SAVE THESE INSTRUCTIONS

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 1-833-871-4330 (in the United States) or contact Support@PioneerPowerEquipment.com.

Warranty service is available through an authorized Pioneer Power Equipment dealer. To locate a dealer in your area, please call the number listed above or visit PioneerPowerEquipment.com/dealerlocator.

Service on this unit, both within and after the warranty period, should only be performed by an authorized dealer. When servicing, use only identical replacement parts.

All information, illustrations, and specifications in the 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.

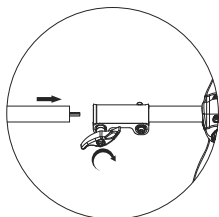
IMPORTANT: Read this manual thoroughly before using this product. Follow all instructions.

NOTE: Please refer to seller if there is any query. DO NOT SELL TO CALIFORNIA.

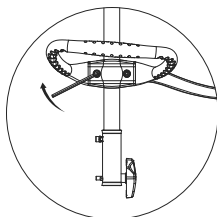
QUICK START GUIDE

BASIC ASSEMBLY

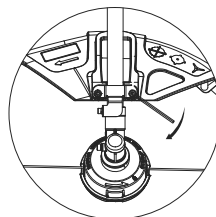
For detailed assembly instruction consult the assembly section of this operators manual.



1. CONNECT SHAFTS
By removing plug & cap, attaching the two shafts and tightening the knob.



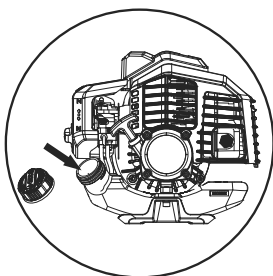
2. ATTACH HANDLE
Using the bolts and hex wrench provided.



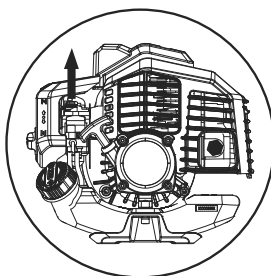
3. ATTACH GUARD
Using the bolts and hex wrench provided.

STARTING INSTRUCTIONS

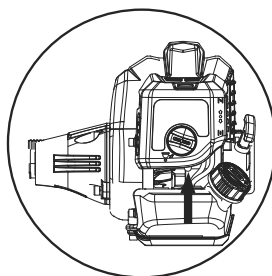
Do not start the unit until it has been completely assembled.
Always follow these procedures when cold starting the trimmer.



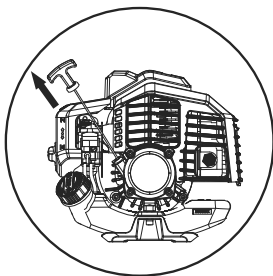
1. FILL WITH 50:1 MIX



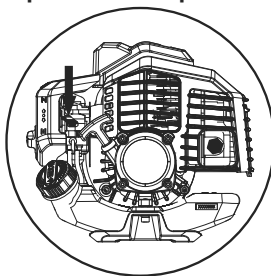
2. MOVE CHOKE TO START
By moving the priming lever up to the START position.



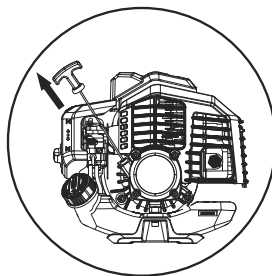
3. PRIME ENGINE 7X
By pressing the priming bulb beside the gas cap.



4. PULL 3-5X
Until the engine begins to try to start.



5. MOVE CHOKE TO RUN
By moving the priming lever down to the RUN position.



6. PULL UNTIL THE ENGINE STARTS

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.

SPARK ARRESTOR NOTE

NOTE: For users on U.S. Forest Land and in the states of California, Maine, Oregon and Washington. All U.S. Forest Land and the state of California (Public Resources Codes 4442 and 4443), Oregon and Washington require, by law that certain internal combustion engines operated on forest brush and/or grass-covered areas be equipped with a spark arrestor, maintained in effective working order, or the engine be constructed, equipped and maintained for the prevention of fire. Check with your state or local authorities for regulations pertaining to these requirements. Failure to follow these requirements could subject you to liability or a fine. This unit is factory equipped with a spark arrestor. If it requires replacement, contact your local service dealer to install the appropriate muffler assembly.



CALIFORNIA PROPOSITION 65

WARNING: This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm.

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.
- Only use the supplied brush cutting blade or an appropriate replacement.
- 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 over-speed 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.
- 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.

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.



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.



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.

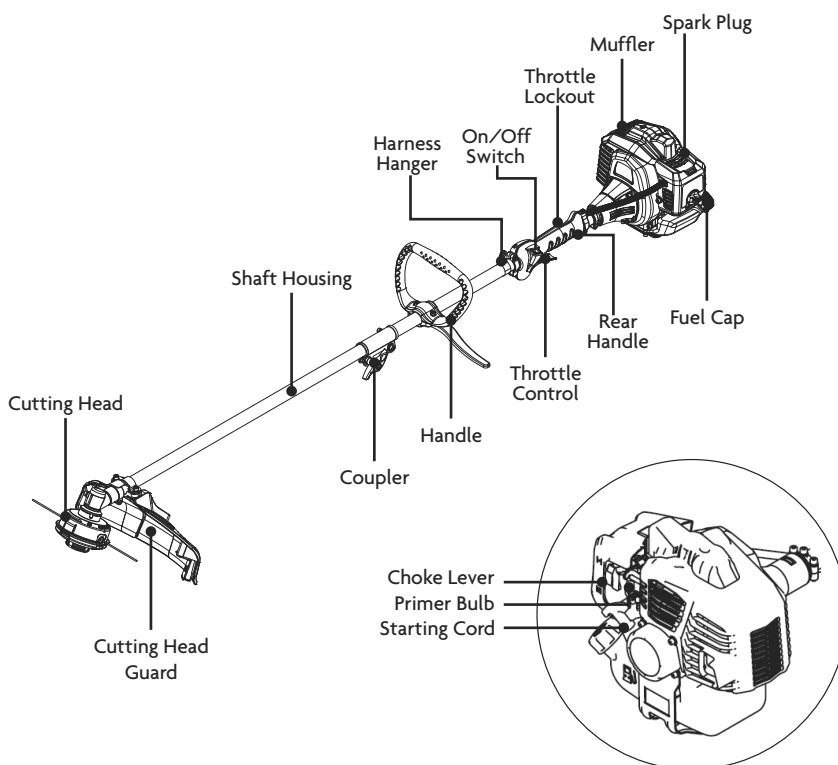
KNOW YOUR UNIT

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

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.

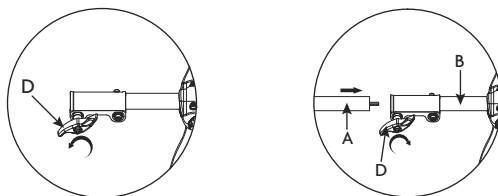
Model name	WB26BCI	Volumes of fuel tank	20 oz. (600ml)
Engine type.	Air-Cooled, 2-Cycle	Trimmer mechanism	Bump Head
Engine displacement	25.4cc (1.52 cu. in.)	Cutting path diameter	.16.9in (430mm)
Rated motor power.	0.7kw	Trimming line.	0.095 in. (2.4mm)
Lubrication	Fuel/Oil Mixture	Max. engine speed (with cutting attachment, no-load).	10500/min
Fuel/Oil ratio	50:1		

ASSEMBLY

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

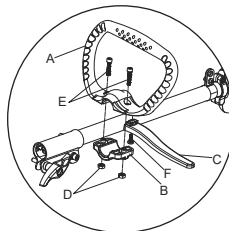
1. Connecting the upper and lower shafts:

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



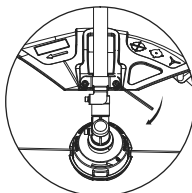
2. Attaching the handle:

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



3. Attaching the blade guard:

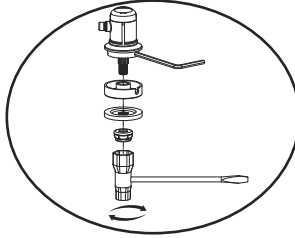
Attach the guard using the hex key included. The guard is attached to the lower shaft with two hex screws facing the operator.



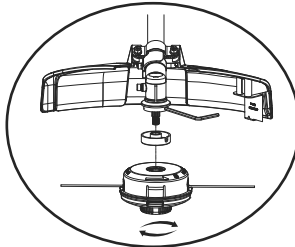
Warning! Use only original manufacturer's replacement parts, accessories and attachments. Failure to do so can cause poor performance, possible injury and may void your warranty. **Never use the trimmer without the guard securely attached!**

4. Attach/detach cutting heads:

a) Remove the brush cutting blade nut and flange. Line up the holes of flange and shield, use the hex key included to prevent the shaft from turning. Turn the included socket wrench clockwise.

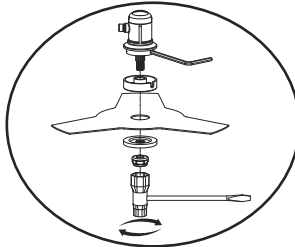


b) Attach/detach the string trimmer head. Line up the holes of flange and shield, use the hex key included to prevent the shaft from turning. To attach the string trimmer head turn counter-clockwise until snug. To detach the string trimmer head turn clockwise until it is released from the shaft.



c) Attach/detach the brush cutting blade. Remove the nut and outer flange. Place the blade, outer flange, shield and nut on the trimmer head in the order as shown. Note the blade rotation direction must match arrows marked on the blade. Line up the holes of the flange and shield, use the hex key included to prevent the shaft from turning. Turn counter-clockwise, ensuring the nut is tight. To detach the brush cutting blade turn the nut clockwise until it is released from the shaft and remove the blade.

WARNING: Verify the cutting head is tight and has been assembled correctly before every use!



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.



BEFORE OPERATION

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

1. Filling with fuel



DANGER OF INJURY!

FUEL IS EXPLOSIVE! Indicates danger, warning or caution. May be used in conjunction with other symbols or pictographs.



RISK OF DEVICE DAMAGE!

The device is supplied without motor or gearbox oil. Before operating you must fill it with fuel.

Never use oil for 4-cycle engine use or water-cooled 2-cycle engines. 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 unused 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 for air-cooled 2 cycle engines.

RECOMMENDED MIXING RATIO GASOLINE 50: OIL 1

WARNING! Always shut off engine before fueling. Never add fuel to a machine with a running or hot engine.

WARNING! Never smoke while refueling and avoid inhaling petrol fumes.

WARNING! Be careful when opening the fuel tank as pressure may have formed inside.

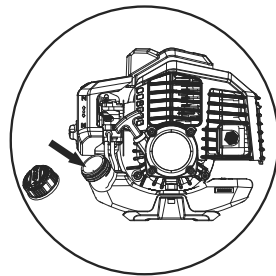
Before refueling:

- Shake the fuel mixture container well.
- Place the unit 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 any pressure inside to decrease gradually.
- Unscrew the mixture container cap.
- Use a funnel to refill and avoid over-filling the tank.
- Pour the fuel carefully to 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.
- Press the priming bulb and let its fuel runs out.
- Screw the tank cap on firmly by hand.

WARNING! Always close the fuel tank cap firmly.



1. FILL WITH 50:1 MIX

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.



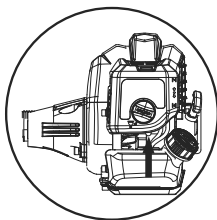
DANGER OF INJURY!

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

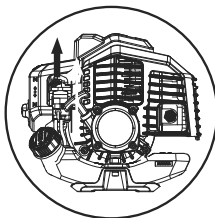
Once the machine has been set up properly and inspected, **cold start** the engine as follows:

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'

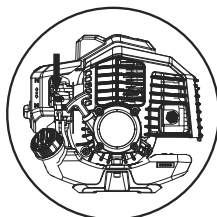
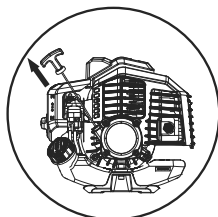
1. Press the priming bulb 7 times.



2. Move the choke lever to the START position.



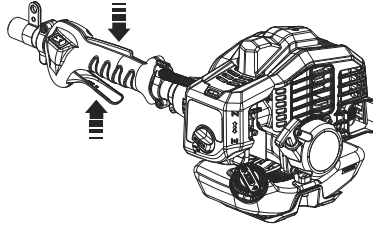
3. Hold the machine firmly on the ground with one hand. Pull the starting cord 3-5 times until you hear the engine start to turn over. Move choke lever to the RUN position.



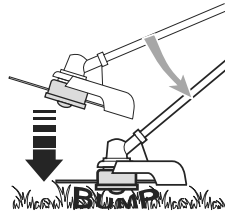
4. Pull the starting cord again until the engine starts.

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

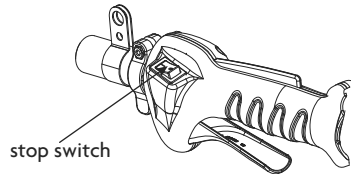
5. To begin trimming, press the lock lever down with your thumb and pull the throttle lever with your fingers to increase power.



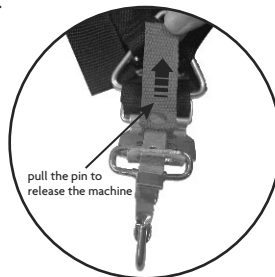
6. To adjust the line length while working: This trimmer is fitted with a "Bump-N-Feed" head. To release more line, tap the cutting line head against the ground with engine at top speed. Line will be released automatically and the knife on the blade guard will cut off the excess.



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



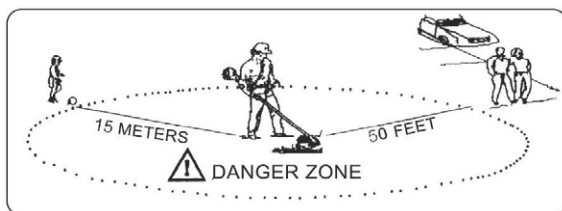
8. If any problems occur during operation, release the shoulder harness by pulling the pin to release the brush cutter immediately.



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! Always make sure your work area is clear. Loose objects and small stones may be thrown by the unit during regular use. Always maintain a minimum working area of 50 feet (15 meters) or more.



WARNING! Do not use the machine for sweeping or edging by tilting the cutting head. This could throw loose objects and small stones 15 meters or more, causing damage or injury to people.

WARNING! Do not start the motor in tall grass

WARNING! When the engine has been switched off, the cutter continues spinning for several seconds. Never touch the cutting head until it has come to a full stop.

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.

- Do not spray the unit with water. Ingress of water may damage the engine and electrical connections.
- Clean the unit with a cloth or soft hand brush only.

WARNING! During maintenance operations:

- Remove the spark plug cap.
- Wait until the engine is sufficiently cold.

Note: Never dispose of oils, fuel or other polluting materials in unauthorized places.

Maintenance schedule			
Hours of Use	12 Hrs	24 Hrs	> 50 Hrs
Air filter	Clean	Clean	Replace
Spark plug	Clean	Clean	Replace

Expert inspection is required:

- If the grass trimmer strikes an object.
- If the motor stops suddenly
- If the nylon cutting head is damaged
- If the internal gears are damaged.

Always clean and rewind the nylon spool at the end of the trimming season:

Always clean the nylon spool or, if required, replace the spool. Always have the nylon spool cleaned or replaced by a qualified customer service center.

CLEANING THE ENGINE

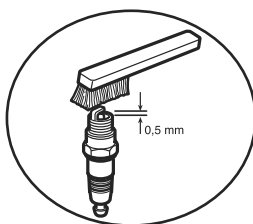
To reduce the risk of fire or overheating, periodically clean the cylinder fins and air vents with compressed air and clear the silencer area to get rid of dust, branches, leaves or other debris.

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.

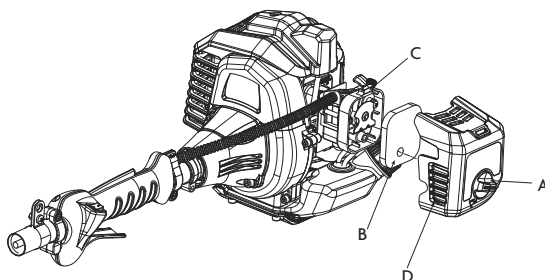


CLEAN THE AIR FILTER

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

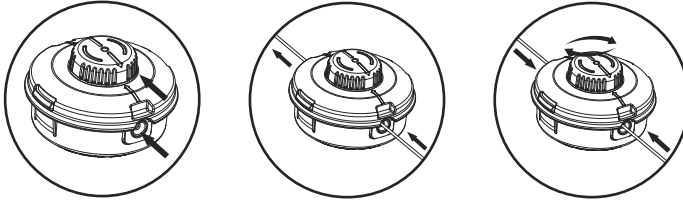


WARNING! Never run the engine without the air filter installed.

REPLACING THE TRIMMER LINE

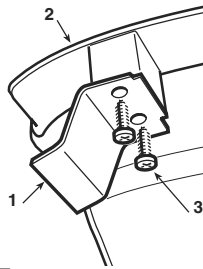
1. Align arrow & eyelet on the bottom of the trimming head by turning the top dial.
2. Insert the line by threading it through one eyelet and out the other eyelet on the other side of the trimming head.
3. Turn the dial clockwise to load trimmer string.

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.



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.

At the end of each working session, 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. Carefully make sure that there are no damaged parts, replacing any faulty parts.

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)

- 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

- Remove the fuel cap, tip the unit and drain the fuel into an approved container. Reinstall the fuel cap.
- Start the engine and allow it to run until it stalls. This ensures that all fuel has been drained from the carburetor.
- 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.
- 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

- 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

PROBLEM	SOLUTION
THE ENGINE WILL NOT START	
The fuel tank is empty	Fill the fuel tank with properly-mixed fuel
The priming bulb was not pressed enough	Press the primer bulb 7 times or until fuel is visible
The engine is flooded	Squeeze the throttle control and pull the starter rope until the engine starts
The fuel is old (over 30 days) and/or improperly mixed	Drain the fuel tank and add fresh, properly-mixed fuel
The spark plug is fouled	Clean or replace the spark plug
The choke lever was not flipped	Refer to Starting Instructions in this guide
THE ENGINE WILL NOT IDLE	
The air filter is dirty	Clean or replace the air filter
The fuel is old (over 30 days) and/or improperly mixed	Drain the fuel tank and add fresh, properly-mixed fuel
The idle speed is incorrect	Adjust the idle speed
THE ENGINE WILL NOT ACCELERATE	
The fuel is old (over 30 days) and/or improperly mixed	Drain the fuel tank and add fresh, properly-mixed fuel
The cutting head is bound with grass	Stop the engine and clean the cutting head
The air filter is dirty	Clean or replace the air filter
THE ENGINE LACKS POWER OR STALLS	
The fuel is old (over 30 days) and/or improperly mixed	Drain the fuel tank and add fresh, properly-mixed fuel
The air filter is dirty	Clean or replace the air filter
The spark plug is fouled	Clean or replace the spark plug
THE CUTTING HEAD WILL NOT ADVANCE LINE	
The cutting head is bound with grass	Stop the engine and clean the cutting head
The cutting head is out of line	Refill the cutting head with new line
The inner reel is bound up	Rewind the line
The cutting head is dirty	Clean the inner reel and outer spool
The line is welded	Open the cutting head and remove the welded section
The line is twisted	Rewind the line
Not enough line is extended	Stop the unit, push the bump knob and pull the line until 16.9 inches (430 mm) is outside of the cutting head
THE CUTTING LINE ADVANCES UNCONTROLLABLY	
There is oil, cleaner or lubricant in the cutting head	Clean and thoroughly dry the cutting head

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