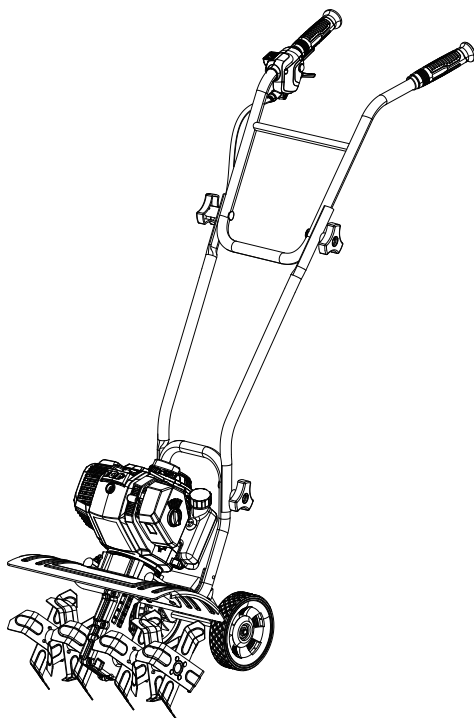




46cc 4-STROKE PETROL TILLER CULTIVATOR



CAUTION: Before using this tool, please read this manual completely, and follow all operating safety measures.

- SAFETY
- ASSEMBLY
- OPERATION
- MAINTENANCE

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For customer support, please call 1300 461 825 or email us at info@senixtool.com

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SAFETY & INTERNATIONAL SYMBOLS

The following table depicts and describes safety and international symbols and pictographs that may appear on this product. Read, understand, and follow all instructions on the machine and in the instruction manual for complete safety, assembly, operating, maintenance, and repair information before attempting to assemble and operate.



Caution / Warning.



To reduce the risk of injury, user must read instruction manual.



Wear eye protection.



Wear ear protection.



Wear a dust mask.



Wear protective gloves.



Wear safety footwear.



Do not expose to rain.



DANGER – Keep hands away from blade.



Hot surface. Do not touch a hot muffler or cylinder. You may get burned. These parts get extremely hot from operation. They remain hot for a short time after the unit is turned off.



Beware of foreign objects that could be thrown from the appliance. Keep bystanders a safe distance away from the work area.



WARNING! Rotating parts may cause serious injury. Make sure the blades come to a complete stop before transporting the machine or before inspecting, cleaning, or conducting any other maintenance.



The rotating part will continuously run for several seconds after you turn off the machine.



Inspect the work area prior to use and remove all objects that could be thrown by the appliance. If a hidden object is discovered while working, stop the engine and remove the object.



Work across slopes; never work up and down such surfaces.



RCM Mark

SAFETY INSTRUCTIONS

IMPORTANT SAFETY WARNINGS



WARNING!

Read all safety warnings, instructions, illustrations and specifications provided with this machine. *Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.*

Save all warnings and instructions for future reference.

1. Training

- a. Read the instructions carefully. Be familiar with the controls and the proper use of the equipment;
- b. Never allow children or people unfamiliar with these instructions to use the machine. Local regulations can restrict the age of the operator;
- c. Never work while people, especially children, or pets are nearby; Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- d. See manufacturer's instructions for proper operation and installation of accessories. Only use accessories approved by the manufacturer.

2. Preparation

- a. While working, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals;
- b. Thoroughly inspect the area where the equipment is to be used and remove all objects which can be thrown up by the machine;
- c. **WARNING – Petrol is highly flammable:**
 - Store fuel in containers specifically designed for this purpose;
 - Refuel outdoors only and do not smoke while refuelling;
 - Add fuel before starting the engine. Never remove the cap of the fuel tank or add petrol while the engine is running or when the engine is hot;
 - If petrol is spilled, do not attempt to start the engine but move the machine away from the area of spillage and avoid creating any source of ignition

- until petrol vapours have dissipated;
 - Replace all fuel tank and container caps securely;
- d. Replace faulty silencers;
 - e. Before using, always visually inspect to see that the tools are not worn out or damaged. Replace worn out or damaged elements and bolts in sets to preserve balance.
 - f. Do not wear loose clothing or jewelry. They can get caught in moving parts. Always keep hands, feet, hair and loose clothing away from any moving parts on engine and machine.
 - g. Always wear safety goggles or safety glasses with side shields when operating the machine to protect your eyes from foreign objects which can be thrown from the unit. Always wear a protective hearing device.
 - h. Always wear work gloves and sturdy footwear. Wear footwear that will improve footing on slippery surfaces. Leather work shoes or short boots work well for most people. These will protect the operator's ankles and shins from small sticks, splinters, and other debris.

3. Operation

- a. Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect;
- b. Work only in daylight or in good artificial light;
- c. Always be sure of your footing on slopes;
- d. Walk, never run with the machine;
- e. For wheeled rotary machines, work across the slopes, never up and down;
- f. Exercise extreme caution when changing direction on slopes;
- g. Do not work on excessively steep slopes;
- h. Use extreme caution when reversing or pulling the machine towards you;
- i. Do not change the engine governor settings or overspeed the engine;
- j. Start the engine carefully according to manufacturer instructions and with feet well away from the tool(s);
- k. Do not put your hands or feet near or under rotating parts;
- l. Never pick up or carry a machine while the engine is running;
- m. Stop the engine:
 - Whenever you leave the machine;
 - Before refuelling;
- n. Reduce the throttle setting during engine

- shut down and, if the engine is provided with a shut-off valve, turn the fuel off at the conclusion of working;
- o. Do not operate the machine without proper guards or other safety protective devices in place.
 - p. Watch for traffic when operating cultivator near, or when crossing roads.
 - q. Check immediately for cause. Vibration is generally a warning of trouble. If the noise or vibrations of the machine increase, stop immediately and perform an inspection.
 - r. Temperature of muffler and nearby areas may exceed 150° F (65° C). Allow muffler and engine areas to cool before touching. Never pick up or carry the machine while the engine is running.
 - s. Prolonged exposure to noise and vibration from petrol engine-powered equipment should be avoided. Take intermittent breaks and/or wear ear protection from engine noise as well as heavy work gloves to reduce vibration in the hands.
 - t. Do not cultivate above underground utilities, including water lines, gas lines, electric cables, or pipes. Do not operate the machine on terrain/soil with large rocks and foreign objects which can damage the equipment.

4. Maintenance and storage

- a. Keep all nuts, bolts and screws tight to ensure the equipment is in safe working condition;
- b. Never store the equipment with petrol in the tank inside a building where fumes can reach an open flame or spark;
- c. Allow the engine to cool before storing in any enclosure;
- d. To reduce the fire hazard, keep the engine, silencer, battery compartment and petrol storage area free of vegetative material and excessive grease;
- e. Replace worn or damaged parts for safety;
- f. If the fuel tank has to be drained, this shall be done outdoors.
- g. Regularly inspect the machine. Make sure parts are not bent, damaged or loose.
- h. When servicing or repairing the machine, do not tip the machine over or up unless specifically instructed to do so in this manual. Service and repair procedures can be done with the machine in an upright position. Some procedures will be easier if the machine is lifted on a raised platform or working surface.

- i. To reduce fire hazard, keep machine free of grass, leaves or other debris build-up. Clean up oil or fuel spillage. Allow machine to cool before storing.
- j. Use only original equipment parts for the manufacturer including all nuts and bolts.

VIBRATION + NOISE REDUCTION

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment. Take the following points into account to minimise the vibration and noise exposure risks.

- Only use the product as intended by its design and these instructions.
- Ensure that the product is in good condition and well maintained.
- Use correct attachments for the product and ensure they are in good condition.
- Keep tight grip on the handles/grip surface.
- Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
- Plan your work schedule to spread any high vibration tool use across a longer period of time.

EMERGENCY

Familiarize yourself with the use of this product by means of this instruction manual. Memorize the safety directions and follow them to the letter. This will help to prevent risks and hazards.

- Always be alert when using this product, so that you can recognize and handle risks early. Fast intervention can prevent serious injury and damage to property.
- Stop the engine and let the machine cool down if there are malfunctions. Have the product checked by a qualified professional and repaired, if necessary, before you operate it again.

RESIDUAL RISKS

Even if you are operating this product in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection

with the structure and design of this product:

- Health defects resulting from vibration emission if the product is being used over long periods of time or not adequately managed and properly maintained.
- Injuries and damage to property due to broken cutting attachments or the sudden impact of hidden objects during use.
- Danger of injury and property damage caused by flying objects.
- Prolonged use of this product expose the operator to vibrations and may produce 'whitefinger' disease. In order to reduce the risk, please wear gloves and keep your hands warm. If any of the 'whitefinger' symptoms appear, seek medical advice immediately. 'Whitefinger' symptoms include: numbness, loss of feeling, tingling, pricking, pain, loss of strength, changes in skin colour or condition. These symptoms normally appear in the fingers, hands or wrists. The risk increases at low temperatures.



WARNING!

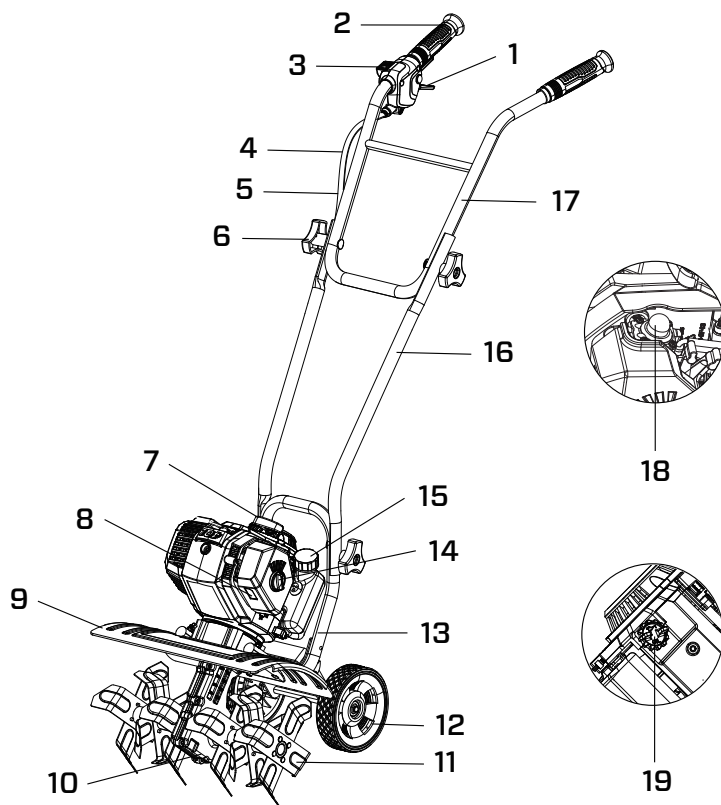
This product produces an electromagnetic field during operation! This field may, under some circumstances, interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants consult their doctor and the medical implant manufacturer before operating this product!

SAVE THESE INSTRUCTIONS

INTENDED USE

This cultivator is only intended to loosen and work up the soil in a garden as well as till coarse soil for mixing in fertilizer, peat and compost in domestic areas. Do not use it for other purposes.

KNOW YOUR UNIT



APPLICATIONS

Model: TL4QL-L1-EU

As a cultivator , used to loosen soil in a garden as well as till coarse soil in domestic areas.

1	Throttle Lever
2	Handle Grip (Left And Right)
3	On/Off Switch
4	Cable
5	Cable Clip
6	Knob
7	Starter Grip And Rope
8	Choke Button
9	Guard
10	Gear Box

11	Tines
12	Wheel
13	Lower Handle Bar
14	Air Filter Knob
15	Fuel Cap
16	Middle Handle Bar
17	Upper Handle Bar
18	Primer Bulb
19	Oil Fill Plug

SPECIFICATIONS

Model	TL4QL-L1-EU
Engine Type	Air-Cooled, 4-Cycle
Engine Displacement	46 cc
Rated Output Power	1400 W
No-load Speed	250 RPM
Tilling Width	400 mm
Tilling Depth	200 mm
Fuel Tank Capacity	800 ml
Oil Tank Capacity	100 ml
Recommended Operating Temperature	-15°C - 40°C
Recommended Storage Temperature	-20°C - 70°C
Machine Weight (Tool Only)	14.45 Kg

ASSEMBLY

- Unpack all parts and lay them on a flat, stable surface:
- Remove all packing materials and shipping devices, if applicable.
- The scope of delivery varies depending on the country and purchased variant.
 - Cultivator x1
 - Upper Handle X1
 - Middle Handle X1
 - Cable clip X2
 - Knobs X4
 - Gaskets X4
 - Bolts X4
 - Instruction Manual x1
- If you find that parts are missing or show damage do not use the product but contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.
- Ensure that you have all the accessories and tools needed for assembly and

operation. This also includes suitable personal protective equipment.

WARNING!



Wear protective gloves for this assembly work and always lay the product on a flat and stable surface while assembling.



Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the product!

Do not start the engine before the machine is completely assembled or adjusted!

CONNECTING THE HANDLES



NOTE:

Small parts can easily get lost during assembly or when making adjustments to the machine. To avoid this, secure all small parts that are removed from the machine and keep them accessible.

- Secure the middle handle to the lower handle using the first set of knobs, gaskets and bolts. Tighten the knobs on each side to ensure a secure fit.

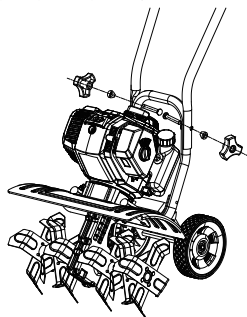


Fig. 1

- Connect the upper handle to the middle handle using the second set of knobs, gaskets and bolts. Tighten the knobs on each side to ensure a secure fit.

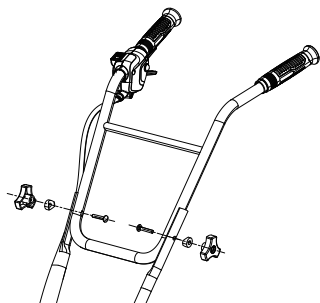


Fig. 2

3. Secure the cable with the cable clips.

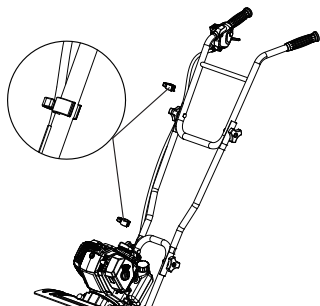


Fig. 3

ADDING OIL



NOTE:

Oil must be added before initial starting the unit. Attempting to start the engine before it has been properly filled with lubricant will result in equipment failure not covered by the warranty.



WARNING!

Overfilling may cause serious issues. Check the oil level before each use. Change the oil according to the Maintenance Schedule.

1. Set the unit on a flat, level surface horizontally as shown below.



Fig. 4

2. Unscrew the oil fill plug. Pour the 100 ml oil into the oil fill hole. Do not overfill.



WARNING!

Never add oil to the fuel tank. This unit has a four-cycle engine. Do not mix oil with petrol.



NOTE:

Use a high-quality SAE 10W-30 weight oil. Do not use dirty oil. Failure to use clean oil of the correct type can cause premature engine wear and failure.

3. Insert the dipstick into the fill spout but do not screw in. Remove dipstick and check the oil level.
4. When oil level is full, the oil will be between the upper limit and lower limit on the dipstick. If oil level is below the lower limit, add oil until the fluid level rises between the upper limit and lower limit on the dipstick.
5. Wipe up any oil that may have spilled. Reinstall the oil fill plug.

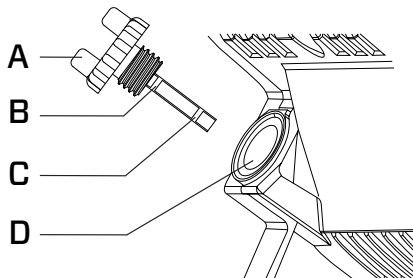


Fig. 5

A	Oil Fill Plug/Dipstick
B	Upper Limit
C	Lower Limit
D	Oil Fill Hole

FUELING THE UNIT



WARNING!

Petrol is highly flammable and explosive. Always refuel outdoors in a well-ventilated area, far from any ignition sources, sparks, open flames, or cigarettes. Never add fuel while the engine is running or hot.

WARNING!

Allow the engine to cool before refueling. Remove the fuel cap slowly to prevent spray. Immediately wipe up any spilled fuel and move at least 3 m (10 ft) away from the refueling point before starting the engine. Never operate the unit without the fuel cap securely in place.

WARNING!

Wear heavy-duty long pants, a long-sleeve shirt, gloves, and boots during operation. Do not wear loose clothing, jewelry, short pants, or sandals. Secure all hair above shoulder level to prevent entanglement.

WARNING!

This unit has a four-cycle engine. Do not mix oil with petrol. Always use fresh unleaded petrol.

1. Position the unit with the fuel cap facing up.
2. Slowly remove the fuel cap.
3. Place the fuel container spout into the fuel tank fill hole and fill the tank. Stop adding fuel when you see that the level reaches the base of the tank spout.

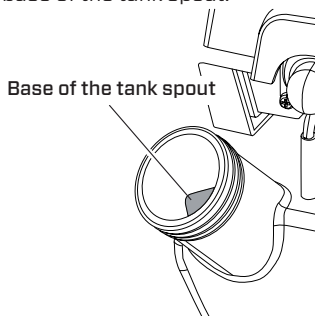


Fig. 6

4. Wipe up any fuel that may have spilled.
5. Reinstall the fuel cap.
6. Move the unit at least 3 m (10 ft) from the fuel container and the fueling site before starting the engine.

OPERATION

WARNING!

Inspect the tool for complete installation. Any missing, damaged or misplaced may cause serious injury.

WARNING!

To reduce the risk of injury to persons, do not operate without guards in place. Wear eye and ear protection, gloves, long trousers and boots at all times while operating the machine.

NOTE:

The use of old fuel is the most common cause of performance problems. Use only fresh, clean unleaded petrol less than 30 days old.

ADJUSTING THE TILLING DEPTH

WARNING!

Always switch the engine off and allow it to cool before making any adjustments.

WARNING!

Make sure that the wheels are in the work positions when doing the tilling work.

The wheels can be adjusted to 2 different positions to control the cultivating depth.

1. Pull the wheel and move it to the desired position.
2. Let go of the wheel and make sure it locks in position.

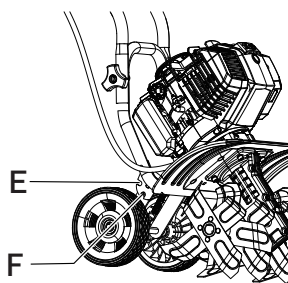


Fig. 7

E	Work Position
F	Transport Position

STARTING/STOPPING

WARNING!

Operate this unit only in a well-ventilated outdoor area. Move at least 3 m (10 ft) away from the refueling point before starting the engine.

WARNING!

Inspect the working area and remove all debris and objects that product may throw during tilling.

WARNING!

To avoid any damage to the cultivator or trees, take care not to catch the blades on large roots of trees. Avoid cultivating too deeply, as this could damage the shallow roots of some plants.

WARNING!

Inspect the blade regularly and do not operate the cultivator with a worn or damaged blade.

To start:

1. Slowly press and release the primer bulb 10 times.

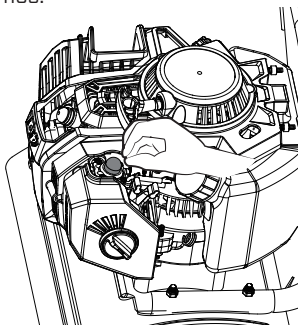


Fig. 8

2. Push the choke button in until it clicks.

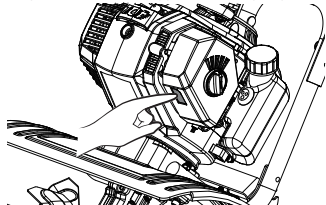


Fig. 9



NOTE:

The choke automatically disengages when the throttle lever is squeezed.

3. Pull the starter rope with a controlled and steady motion five times until engine starts or attempts to start.

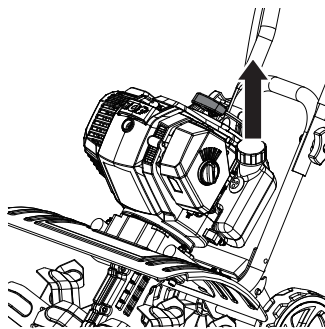


Fig. 10

4. Squeeze the throttle lever to release the choke button.

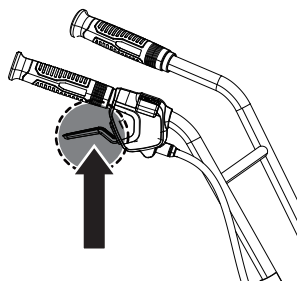


Fig. 11

- If the unit fails to start, squeeze the throttle control, and pull the starter rope until the engine starts.
- If the engine is hot, begin the starting procedure with step 3.

To stop:

1. Release the throttle lever and allow the engine to idle.
2. Press and hold the On/Off switch in the Off (O) position until the engine comes to a complete stop
3. Make sure the cutting attachment has stopped before the unit is set down.



NOTE:

This OFF switch will come back to the ON position automatically.

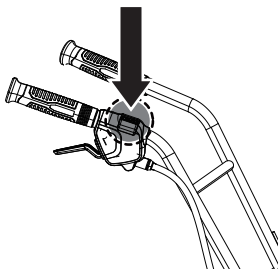


Fig. 12

OPERATION TIPS

1. Stand in the operating position. Stand up straight. Do not bend over. Keep feet apart and firmly planted.
2. Hold the cultivator with both hands.
3. You can work moving the cultivator forward or backward, from left to right, right to left, or in a circular motion. Choose the best method to suit your purpose, which will depend on the shape and size of the area and soil conditions.

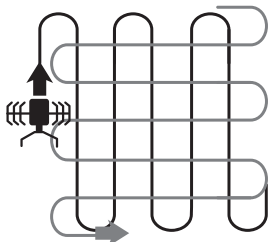


Fig. 13

4. Pay special attention when changing direction. Apply light pressure to the handle in order to lift the blades and facilitate the turn. Turn the product around using the wheels as a guide. Gradually release pressure on the handle and move the blades back to the ground.
5. Working in an alternating backward and forward motion is particularly suitable for loosening packed soil.
6. When trenching or furrowing, walk slowly backward and pull the cultivator to create the furrow. Repeat as necessary to obtain deeper furrows.
7. Position yourself so that you will not be drawn off balance by the kickback reaction of the cutting blade.

8. Avoid glass, rocks, stones, concrete, fencing, wire, wood, metal, walls and other objects which can cause blade thrust or break the blade.
9. Do not till very wet soil because wet soil tends to stick to the working tool, preventing proper blade rotation; it could also cause you to slip and fall.



WARNING!

Stop the engine and let it cool completely if the product strikes a foreign object. Inspect the product thoroughly for damage and have any damage repaired before restarting.

AFTER OPERATION

1. Clean the product after each use.
2. Check and replace the blade regularly to maintain full cutting width and performance.
3. To prevent blockage, keep the blade clean. Remove grass clippings, leaves, dirt and any other accumulated debris before and after each use.
4. To prolong the life span of the working tool and the product, lubricate the blades after each use.

MAINTENANCE



WARNING!

Always switch the product off, and let the product cool completely before performing cleaning, transporting, storing and other maintenance work!



WARNING!

Only perform cleaning and maintenance work according to these instructions! Any additional maintenance or repairs must be performed by a qualified specialist using genuine replacement parts. Unauthorized attachments may cause equipment damage or safety hazards.



WARNING!

Always wear protective gloves to reduce the risk of injury.

REPLACING THE BLADE

1. To replace the blades, take off the pin.
2. Take off the broken blades and replace the new blades according to the original position.
3. Re-insert the pin to secure the blades.

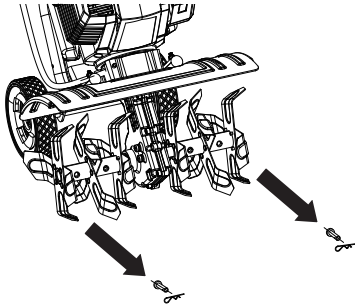


Fig. 14

ENGINE OIL MAINTENANCE

Maintenance Schedule:

- Check the oil level before each use
- Replace the oil after the first 5 hours
- Replace every 20 hours of use

Checking the Oil Level

1. Stop the engine and allow it to cool.
2. Set the unit on a flat, level surface horizontally.
3. Remove dipstick and check oil level. When oil level is full, the oil will be between the upper limit and lower limit on the dipstick. If the oil level is too low, add oil. Refer to "ADDING OIL".

Replace the Engine Oil



WARNING!

Old engine oil is considered special waste and has to be disposed according to your local environment protection regulation. Do not pour the oil into a garbage can, sewer, soil etc.



WARNING!

Change the oil while the engine is still warm. The oil will flow freely and carry away more impurities.

1. Clean the area around the oil fill plug to prevent debris from entering the oil fill hole.
2. Unscrew the oil fill plug.
3. Tip the unit vertically to pour the oil out of

the oil fill hole and into a container. Allow ample time for complete drainage.

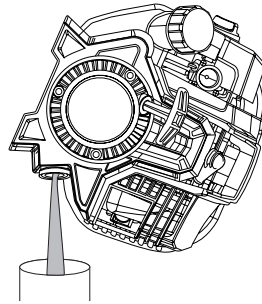


Fig. 15

4. Wipe up any oil that may have spilled.
5. Set the unit on a flat, level surface horizontally.
6. Pour 100 ml engine oil into the oil fill hole. When oil level is full, the oil will be between the upper limit and lower limit on dipstick. If the oil level is too low, add oil. Refer to "ADDING OIL".

AIR FILTER MAINTENANCE

The air filter must be regularly cleaned to remove dust and dirt in order to avoid:

- Carburetor malfunctions
- Stalling problems
- Loss of engine power
- Unnecessary wear to engine parts
- Excessive fuel consumption

Maintenance Schedule:

- Check every 25 hours of use
- Clean every 50 hours of use
- Clean every 25 hours in dusty conditions

How to clean:

1. Unscrew the air filter knob completely. Remove the air filter cover from the air filter housing.
2. Remove the air filter from the air filter housing.
3. Wash the air filter in detergent and water. Rinse the air filter thoroughly and allow it to dry.
4. Reinstall the air filter in the air filter housing.
5. Insert the tab on the air filter cover into the hole in the air filter housing. Push the air filter cover back onto the air filter housing. Tighten the air filter knob to secure the air filter cover.

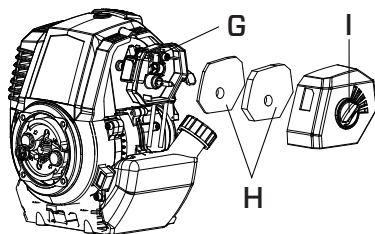


Fig. 16

G	Air Filter Housing
H	Air Filter
I	Air Filter Knob

ADJUSTING THE IDLE SPEED

WARNING!

The cutting blades will move when adjusting the idle speed. Wear protective gloves. Keep all parts of your body away from the cutting blades and muffler. Failure to follow these instructions could result in serious injury.

WARNING!

The cutting attachment should never turn at idle. Turn the idle speed screw counterclockwise to reduce the idle speed and stop the cutting attachment.

If the engine will not idle properly:

1. Start the engine. Refer to "STARTING/ STOPPING".
2. Release the throttle control and let the engine idle.
 - If the engine stops, increase the idle speed. Use a small screwdriver to turn the idle speed screw clockwise, 1/8 of a turn at a time, until the engine idles smoothly.
 - If the cutting blades spin when the engine idles, reduce the idle speed. Turn the idle speed screw counterclockwise, 1/8 of a turn at a time, until the cutting blades stop moving.

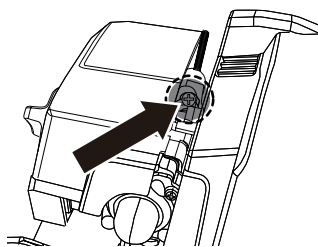


Fig. 17

SPARK PLUG MAINTENANCE

WARNING!

Do not remove the spark plug when the engine is hot.

WARNING!

Do not sand blast, scrape or clean spark plug electrodes. Grit in the engine could damage the cylinder.

Maintenance Schedule:

- Check Gap/Adjust every 100 hours of use
 - Replace every 200 hours
1. Stop the engine and allow it to cool. Grasp the spark plug boot firmly and pull it from the spark plug.
 2. Clean around the spark plug. Remove the spark plug from the cylinder head with a 16mm (5/8 ") socket wrench, turning counterclockwise.
 3. Inspect the spark plug. If the spark plug is cracked, fouled or dirty, replace it.
 4. Use a feeler gauge to set the air gap at 0.6 mm - 0.8 mm (0.025 " - 0.031 ").
 5. Install the spark plug in the cylinder head. Tighten the spark plug clockwise until snug it.
 6. Reattach the spark plug boot.

NOTE:

If using a torque wrench, torque to 12 Nm. Do not over tighten.

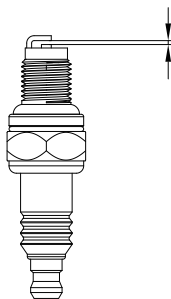


Fig. 18

CLEANING

- Wear gloves. Clean the pieces of roots, clogged soils or plants on the blade, guard or the gear box.
- Wipe the machine surface with a cloth. It is highly suggested that you clean the device after each use.
- Keep the blade and guard free of debris, clogged soils and grass after each use.
- Dry the cutting blade to prevent rust. Keep the blade sharp to retain a good cutting performance.
- Do not use strong detergents. Household cleaners that contain aromatic oils such as pine and lemon, and solvents such as kerosene, can damage plastics.

TRANSPORTATION

- Clean the unit as described above before transportation.
- Always carry the product by its transport handle.
- Cover the blade to avoid personal injury during transporting.
- Secure the product to prevent it from slipping or falling over.
- Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.

STORAGE

- Clean the unit as described above before storing.
- Store the product and its accessories in a dark, dry, frostfree, well-ventilated place. The ideal storage temperature is between 50°F (10°C) and 86°F (30°C).
- Do not store the product under sunlight and accessible to children.
- Make sure the product is always protected

from cold and humidity.

- Protect your unit from dust by a suitable cover.
- Never store a fueled unit where fumes may reach an open flame or spark.
- Allow the engine to cool before storing.

Short-term Storage (1-2 weeks)

- Store the unit in a horizontal position.

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 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.
- Store the unit in a horizontal position.

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.
- Replace the oil. Refer to "ENGINE OIL MAINTENANCE".
- 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.

DISPOSAL



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

TROUBLESHOOTING

Suspected malfunctions are often due to causes that the users can fix themselves. Therefore, check the product using this section. In most cases the problem can be solved quickly.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Product does not start.	The fuel tank is empty.	Fill the fuel tank with fresh fuel.
	The primer bulb was not pressed enough.	Press the primer bulb 10 times.
	The fuel is old (over 30 days).	Drain the fuel tank and add fresh fuel.
	The spark plug is fouled.	Replace the spark plug.
The engine will not idle.	The air filter is dirty.	Clean or replace the air filter.
	The fuel is old (over 30 days).	Drain the fuel tank and add fresh fuel.
	Idle speed screw needs adjustment.	Turn idle speed screw clockwise to increase idle speed.
The engine emits too much smoke.	Too much oil in crankcase.	Drain engine oil and refill with correct amount of engine lubricant.
The engine will not accelerate.	The fuel is old (over 30 days).	Drain the fuel tank and add fresh fuel.
	The cutting blades is bound with any objects.	Stop the engine and clean the cutting blades.
	The air filter is dirty.	Clean or replace the air filter.
The engine lacks power or stalls.	The fuel is old (over 30 days).	Drain the fuel tank and add fresh fuel.
	The air filter is dirty.	Clean or replace the air filter.
	The spark plug is fouled.	Replace the spark plug.
Unsatisfactory cutting performance.	Cutting blade is dull/damaged.	Replace or contact a qualified service dealer.
	Cutting material exceeds capacity.	Only cut material according to the capacity of the unit.
Excessive vibration/noise or exhaust.	Bolts/nuts are loose.	Tighten.
	Gas/oil is incorrect.	Empty unused fuel and oil. Refill with fresh fuel and oil.