

MAINTENANCE GUIDE

For engine maintenance please refer to engine manufacturers manual.

Keep all nuts, bolts and screws tight to be sure the machine is in a safe working condition.

Examine the machine regularly and replace worn or damaged parts.

Never store the machine with petrol in the tank inside a building where fumes can reach an open flame or spark.

Ensure the engine is cool before storing in any enclosure.

To reduce the fire hazard, keep the engine, silencer and petrol storage area free of grass, thatch, moss, leaves or excessive grease.

After every hour of operation:

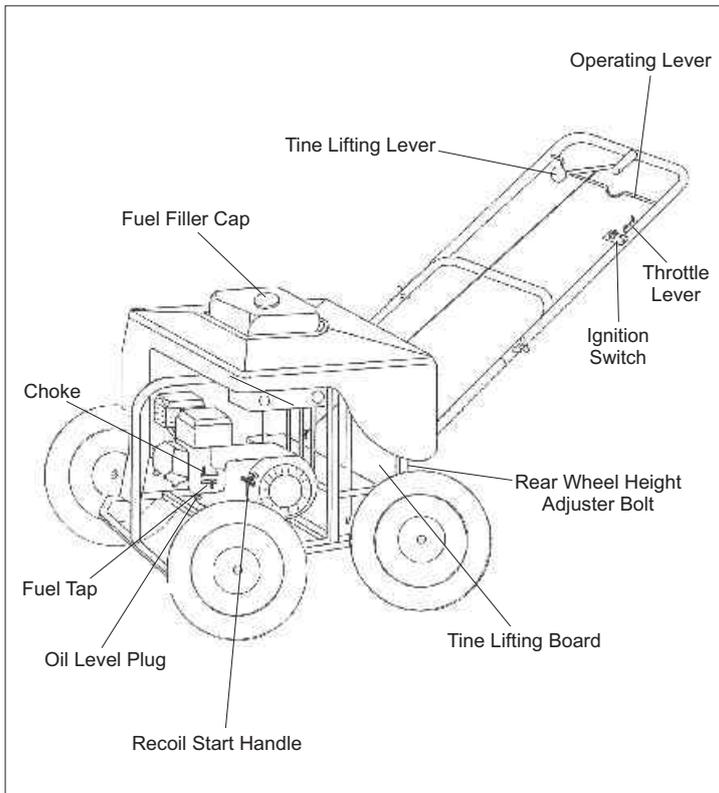
Stop engine. Remove the spark plug cap

Check engine oil level. (Recommended oil SAE 10w/40).

Visually check the blade assembly.

Do not turn the machine on its side for cleaning.

Refit the spark plug cap.

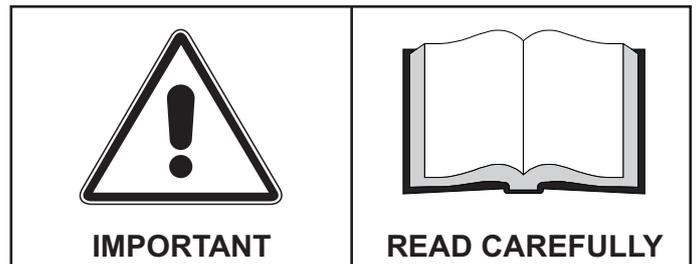


VIBRATION & SOUND LEVELS			
Machine	RPM	Vibration m/sec ² 3 Axis	Sound Level dB(A)
Lawn Aerator	3400	5.4	79.0

OPERATING INSTRUCTIONS & SAFETY NOTES

CAMON

LAWN AERATOR PLUGGER LA20



WEAR EAR
PROTECTION



WEAR EYE
PROTECTION



WEAR SAFETY
FOOTWEAR

No liability will be accepted for any damage caused to persons or property through failure to observe the operating and safety instructions.

SAFETY

- ALWAYS** start the engine in the open air
- DO NOT** smoke when refuelling
- DO NOT** mix OIL with the fuel
- ALWAYS** stop the engine before making any adjustments, refuelling, moving or cleaning, or when the unit is unattended
- USE ONLY** unleaded petrol from fuel containers designed for this purpose - refuel outdoors only and replace the tank cap securely
- IN CASE** of petrol spillage move the machine away from the area of spillage and allow the petrol vapours to dissipate before starting the engine
- DO NOT** remove any safety guards that are fitted
- DO NOT** touch any moving parts or attempt any maintenance whilst the machine is running - **KEEP HANDS AND FEET AWAY**
- BEFORE** starting work clear the work area of any objects that could damage the machine
- DO NOT** allow children or anyone uninstructed to operate the machine - **KEEP ANIMALS AWAY**
- DO NOT** use on slopes or banks of more than 20°
- ALWAYS** wear suitable clothing to give personal protection including footwear that offers a good grip
- AVOID** wearing loose garments that may catch in moving parts
- KNOW** how to stop the machine in an emergency
- NEVER** interfere with any control settings on the engine
- IF A FAULT** develops **DO NOT** attempt any repair - immediately contact the supplier from whom the machine was obtained
- VISUALLY INSPECT** the machine before use - ensure all tines, nuts and bolts are tight and not worn or damaged and replace tines if necessary
- KEEP IN MIND** the operator is responsible for accidents or hazards occurring to people or property
- WEAR** eye and ear protection

TO START ENGINE

- Ensure the tine lever is disengaged. Keep feet well away from the tines.
- Using the dipstick provided, check the engine oil level. Top up with 10w/40 oil if necessary (if the dipstick is clear of oil).
- Check fuel level. Only use unleaded petrol from a clean container. Never re-fuel when the engine is hot or running. Leave 1" air space in the fuel tank.
- Switch ignition to 'ON' position.
- If the engine is cold, move the choke lever to 'ON' position.
- Turn the fuel tap to 'ON' position.
- Set the throttle to ¼ position.
- Pull the recoil start handle gently until it is engaged then give the handle a strong pull to start the engine.
- When the engine has started, move the choke lever to 'OFF' position.
- Return the throttle lever to tick over.

TO COMMENCE WORK

- Start the engine.
- Increase the throttle to ¾ position.
- Align the machine on the lawn.
- Pull up the operating lever to drive the tines.
- Lower the tine lifting lever. The tines will now walk forward until the tine lifting board is fully down and the machine will start to propel itself forward.
- DO NOT PUSH** the machine - allow the tines to do the work. It is only necessary to steer the machine.
- At the end of each pass, release the operating lever to stop the tines. Give the machine a gentle push forward to lift the tines out of the ground and pull up the tine board lifting lever for the tines to completely clear the ground.
- Re-align the machine for the next pass.
- Commence work.

TO STOP ENGINE

- Release the operating lever.
- Return the throttle to tick over position.
- Switch the ignition to 'OFF' position.
- Turn the fuel tap to 'OFF' position.
- Gently push the machine forward a little and lift the tines up to transport position by pulling up and over the tine lifting lever.
- WARNING: THE EXHAUST COVER MAY BE HOT - DO NOT TOUCH**

OPERATING HINTS

- The Lawn Aerator is used to drive solid or hollow tines into the earth to allow ingress of air and water to encourage grass to root deeper into the ground. This also helps the turf to withstand hard wear and builds resistance to weeds, moss and disease.
- Solid tines should be used in the majority of conditions, especially on heavily compacted or hard turf.
- Hollow tines should only be used in moist conditions.
- Do not use the machine on slopes.
- IMPORTANT**
- Use a fork to test the depth of the turf. The fork must go into the ground at least 3" to avoid damage to the tines or corers. Hardcore or rubble under thin turf will cause damage to the machine.
- If the machine is to be operated in thin turf then the rear wheels should be lowered by moving the rear wheel plate retaining bolt from the centre hole to the front hole. This will reduce tine / corer penetration by 10mm and avoid possible damage.
- Operate the machine only in daylight or good artificial light.
- Always operate the machine by walking behind it with both hands on the handlebar.
- DANGER - do not touch operating tines.**
- Avoid operating the machine in wet grass or take additional precautions to prevent slipping.
- Walk - never run.

- Use extreme caution when pulling the machine towards you.
- Do not operate the tines when crossing surfaces other than grass and when transporting the machine to and from the work area.
- Never tilt the machine.
- Do not put feet or hands near or under rotating parts.
- Keep clear of the tines.
- Never pick up or carry the machine with the engine running.
- Stop the engine and disconnect the spark plug wire before checking, cleaning or working on the machine.
- After striking a foreign object, inspect the machine for damage and make repairs before restarting and operating the machine.
- If the machine starts to vibrate abnormally - check immediately.