After Sales Support
Now you have purchased a Gardenline® product you can rest assured in the knowledge that as well as your 1 year parts and labour guarantee you have the added peace of mind of dedicated helplines and web support.

99cc PETROL LAWN MOWER
User Guide

Lawn Mower
Brand Name: Gardenline®
Product Number: 40170
Model Number: PM98CC

After Sales Support
Telephone: 1800 909 909
email: help@globalpowerbrands.com

This Pack Includes
1 x 99cc Lawn Mower
2 x Handle Bar locking Knobs (including bolts x 2)
1 x Warranty Card & Details
1 x 35 L Soft Catcher
1 x Spark Plug Spanner
1 x Instruction Manual
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Introduction

Your new Gardenline® lawn mower will more than satisfy your expectations. It has been manufactured under stringent Gardenline® Quality Standards to meet superior performance criteria.

You will find your new lawn mower easy and safe to operate, and, with proper care, it will give you many years of dependable service.

**CAUTION.** Carefully read through this entire Instruction Manual before using your new Gardenline® lawn mower. Take special care to heed the Cautions and Warnings.

Your Gardenline® lawn mower has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this lawn mower, making it easy to maintain and operate.

**Environmental protection**

Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.

**What your 1 year warranty means**

Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly. In the event of product failure within its intended use over the course of the first year after the date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product please contact us via our after sales support services, details of which can be found in this manual and on the product itself.

After Sales Support       TEL: 1800 909 909
Description of symbols
The rating plate on your lawn mower may show symbols. These represent important information about the product or instructions on its use.

✅ Conforms to relevant standards for electromagnetic compatibility.

 protección. Wear a protective mask. Wear eye protection.

Wear safety footwear.

Wear safety gloves.

⚠️ Warning.

Read these instructions for use carefully.

Double insulated for additional protection.

Choke control
- Start position (choke closed).
- Run position (choke open).

⚠️ Use at a distance of at least 15m from other people.

⚠️ Thrown objects and rotating line can cause severe injury. Do not operate the unit without the safety guard in place. Keep away from rotating cutter.

⚠️ Sharp blade on the safety guard, do not touch the cut off knife.

⚠️ Explosive material.

⚠️ Extremely hot surface. Do not touch a hot muffler, gear box or cylinder, you may get burned. These parts get extremely hot from operation and remain hot for a short time after the unit is turned off.

Noise label rating 75dBA (taken at 7.5 metres) you must wear ear protection at all times.
## General Information & Safety Instructions

### Specifications

<table>
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<th>Details</th>
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<tr>
<td>Engine:</td>
<td>99cc Four Stroke</td>
</tr>
<tr>
<td>Engine Capacity:</td>
<td>99cc</td>
</tr>
<tr>
<td>Bore:</td>
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<td>Stroke:</td>
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<td>0.4L</td>
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<td>Width of cut:</td>
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<tr>
<td>Blades:</td>
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<td>Height adjustment:</td>
<td>7 Levels, 17 – 70mm</td>
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<tr>
<td>Wheel Size:</td>
<td>150mm (6”)</td>
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<td>Spark Plug Type:</td>
<td>Torch - F6RTC</td>
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<td>Equivalent Replacement Spark Plugs:</td>
<td>NGK - BPR6ES</td>
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<tr>
<td></td>
<td>Champion - RN11YC</td>
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<tr>
<td>Catcher Capacity:</td>
<td>35 Litres</td>
</tr>
<tr>
<td>Weight (GW):</td>
<td>26.5kg (58.3lbs)</td>
</tr>
<tr>
<td>Noise label rating</td>
<td>75dBA (taken at 7.5 metres).</td>
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</table>
Safety instructions

**WARNING** Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term “power tool” in all of the warnings below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

**Save these instructions**

**Work area**

- Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

**Personal safety**

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Use safety equipment. Always wear eye protection. Safety equipment such as a dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Remove any adjusting key or wrench before turning the tool on. A wrench or a key that is left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities ensure that these are connected and properly used. Use of these devices can reduce dust-related hazards.
Power tool use and care

• Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

• Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

• Turn tool off completely before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

• Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

• Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool’s operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

• Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

• Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from intended could result in a hazardous situation.

Service

• Have your power tool serviced by a qualified repair personnel using only identical replacement parts. This will ensure that the safety of the power tool is maintained.
Safety rules for petrol lawn mowers

Training

• Read the instructions carefully. Get familiar with the controls and proper use of the equipment.

• Only use the lawn mower for the purpose for which it was designed, i.e. for cutting and collecting grass. Any other use can be hazardous, causing damage to the machine.

• Never allow children or people unfamiliar with these instructions to use the lawn mower. Local regulations may restrict the age of the operator.

• Never use the lawn mower:
  – When people, especially children, or pets are nearby.
  – If the operator has taken medicine or substances that can affect his ability to react and concentrate.

• Remember that the operator or user is responsible for accidents or hazards occurring to other people or their property.

Preparation

• While mowing, always wear sturdy footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals.

• Thoroughly inspect the area where the equipment is to be used and remove all objects which may be thrown by the machine or damage the cutter assembly and the engine (stones, sticks, metal wire, bones, etc.)

WARNING: DANGER! Engine fuel is highly flammable:

– Store fuel in containers specifically designed for this purpose.

– Refuel using a funnel and outdoors only. Do not smoke while refuelling or whenever handling the fuel.

– Add fuel before starting the engine. Never remove the cap of the fuel tank or add fuel while the engine is running or when the engine is hot.

– If fuel 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 the fuel has evaporated and the vapour dispersed.
General Information & Safety Instructions

- Replace all fuel tanks and containers caps securely.
- Substitute faulty silencers.
- Before use, always inspect the machine, especially the condition of the blades, and check that the screws and cutting assembly are not worn or damaged. Replace worn or damaged blades and screws in sets to preserve balance.
- Discharge openings must be guarded at all times. Do not remove the discharge guard or hold it up while mowing.
- It is advisable to wear suitable eye protection when operating the mower.

**Operation**

- Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
- Mow only in daylight or good artificial light.
- If possible, avoid operating the equipment in wet grass.
- Always be sure of your footing on slopes.
- Walk, never run and do not allow yourself to be pulled along by the lawn mower.
- Mow across the face of slopes, never up and down.
- Exercise extreme caution when changing direction on slopes.
- Do not mow on slopes of more than 20°.
- Exercise extreme caution when pulling the lawn-mower towards you.
- Stop the blade if the lawn mower has to be tilted for transportation when crossing surfaces other than grass, and when transporting the lawn mower to and from the area to be mowed.
- Never operate the lawn mower with defective guards, or without safety devices, such as the stoneguard and/or grass-catcher, in place. Replace if damaged.
- Do not change the engine governor settings or over speed the engine.
- On power-driven models, disengage the drive clutch before starting the engine.
• Start the engine carefully, following the instructions and keeping feet well away from the blade.

• Do not tilt the lawn mower when starting the engine.

Start the engine on a flat surface that is free of obstacles and tall grass.

• Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.

• Never pick up or carry a lawn mower while the engine is running.

• Stop the engine and disconnect the spark plug wire:
  – Before carrying out any work underneath the cutting deck or before unclogging the chute;
  – Before checking, cleaning or working on lawn mower;
  – After striking a foreign object. Inspect the lawn mower for damage and make repairs before restarting and operating the lawn mower;
  – If the lawn mower starts to vibrate abnormally (find and remove the cause of the vibration immediately).

• Stop the engine:
  – Whenever you leave the lawn mower unattended.
  – Before refuelling.
  – Every time you remove or replace the grass-catcher.

• Reduce the throttle before turning off the engine and turn the fuel off when you have finished mowing, following the instructions in the engine handbook.

• When mowing, always keep to a safe distance from the rotating blade. This distance is the length of the handle.

• Never cut grass while walking backwards.

• Stop the engine before pushing mower across gravel drives, walks or roads.

• This machine is to be used exclusively for cutting natural grass. Never use the mower for other purposes. Any other utilization can involve danger for your safety and can involve damage to the mower.
General Information & Safety Instructions

• The user is responsible for the safety of other people, animals and objects in the working area. Keep children and domestic animals at a safe distance while the mower is in use.

Maintenance and storage

• Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition. Regular maintenance is essential for safety and performance.

• Never store the equipment with fuel in the tank inside a building where vapour may reach a flame or a spark or a source of extreme heat.

• Allow the engine to cool before storing in an enclosed space.

• To reduce the fire hazard, keep the engine, exhaust silencer, battery compartment and fuel storage area free of grass, leaves, or excessive grease. Do not leave containers with grass cuttings in rooms.

• Check the stone-guard and grass-catcher frequently for wear and deterioration and replace if damaged.

• If the fuel tank has to be drained, this should be done outdoors and when the engine is cool.

• Wear strong work gloves when removing and reassembling the blade.

• Check the blade’s balance after sharpening.

• For reasons of safety, do not use the equipment with worn or damaged parts. Parts are to be replaced and not repaired. Parts that are not of the same quality can damage the equipment and be dangerous for your safety.

• Whenever the machine is to be handled, transported or tilted you must:
  – wear strong working gloves;
  – grasp the machine at the points that offer a safe grip, taking account of the weight and its distribution.

• Damaged blades and worn bolts are major hazards.

• Fuel goes off in about 3 - 4 months. If you find your mower does not start, try changing the fuel in the tank with newly purchased fuel.
Operation safety instructions

**WARNING:** Stop the engine and unplug the spark plug before any repairs or maintenance operations.

- Check that all nuts, bolts and screws are well tightened before every use.
- Before mowing ensure that the blade and the blade fixing screw are securely fastened. When the blade edges require re-sharpening, this must be done evenly on both sides to prevent any imbalance. If the blade is damaged, it must be replaced.
- When mowing always wear long trousers and strong, covered footwear.
- Do not run the engine in an enclosed and/or poorly ventilated area. The gas of the engine contains carbon monoxide, which is dangerous to your health.
- Work only when there is sufficient light.
- Do not use the lawn mower when it is raining or when the grass is wet.
- Caution must be taken while mowing on slopes. Mow across the face of slopes, never down or up.
- Turn off the engine if you must leave the lawn mower unattended.
- Never lift the rear of the mower while starting the engine and never place your hands and feet underneath the deck while the engine is running.
- If working on high grass, adjust the mowing height to reduce the friction and prevent over loading. The optimal mowing height should be 1/3 the height of the grass. It would affect the work efficiency of lawn mower if too higher or lower.
- Never change the rated speed of the engine in any way.
- Never lift or carry the mower while the engine is running.
- Stop the engine and remove the spark plug cover in these cases:
  - Before any operation under the deck.
  - Before any maintenance, repairing or checking operations.
  - Before carrying, lifting or removing the mower.
  - If you leave the mower unattended or change the cutting height.
- After hitting a foreign object, stop the engine and check thoroughly the mower in order to see if it is damaged. Take the mower to an authorized service centre to carry out any repairs if necessary.

- If the mower vibrates in an abnormal way, take the mower to an authorized service centre.

- Check the bolts and nuts regularly. Bolts and nuts may vibrate loose over time.

**WARNING:** Fuel is highly flammable.

- Keep fuel in a jerry can specially made for this purpose.

- Fill the fuel tank with a funnel and outside. Do not smoke or use a mobile phone during this process.

- Fill with fuel and oil before starting the engine. Never open the cap of the fuel tank to add gasoline while the engine is running or still hot.

- Do not start the engine if there is spilt fuel on the mower or in the area surrounding. Take the mower away from the zone where fuel has been split and avoid any contact from a hot source as long as the split gasoline is completely evaporated.

- Tighten the fuel tank cap and jerry can cap tightly.
Parts List

1. Handle bar
2. Lower handle/nuts
3. Throttle lever
4. Wheel
5. Catcher
6. Height adjustment lever
7. Fuel tank cap
8. Oil filler cap
9. Recoil starter
10. Spark plug cap
11. Air filter
12. Handle bar locking knob
13. Discharge guard
14. Blades
15. Blade bolt
16. Spark plug spanner
17. Priming bulb
Getting Started

Unpacking
Due to modern mass production techniques, it is unlikely that your petrol lawn mower is faulty or that a part is missing. If you find anything wrong, do not operate the tool until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

Contents of carton
- Handle bar locking knobs, (including 2 bolts)
- 35L Soft catcher
- Spark plug spanner

Assembly
**WARNING:** Stop the engine and unplug the spark plug before any repairs or maintenance operations. It is necessary to fit the lower handle (2), handle bar (1), and catcher (5) to the mower.

Attaching the catcher
1. Lift the discharge guard (13) in order to position the catcher.
2. While lifting the discharge guard, align the holes in the lower half of the catcher with the hooks on the mower deck (located under the discharge chute). Push the catcher onto the hooks in a downwards direction.
3. Push the catcher down until it locks into place.
4. Release the discharge guard to secure the catcher in place between the 2 ribbed locking notches.

**Note.** Always empty the catcher before it has reached maximum capacity, otherwise it will decrease the performance of the mower.

**Tip.** Do not leave clippings in the catcher for extended periods.
Instructions

Attaching the handles
It is necessary to attach both the lower handle and handle bars.

1. To attach the lower handle (2), first use a spanner (not supplied) to remove the 4 bolts.

2. Place the lower handle in position and replace the 4 bolts. Use a spanner to retighten the nuts.

3. To attach the handle bar (1), first remove the two handle bar locking knobs (12).

4. Position the handle bar over the lower handle and insert the two locking knobs. Tighten to secure the handles together and in place.

Cutting height adjustment

**WARNING:** Stop the engine and unplug the spark plug before any repairs or maintenance operations.

The mower has one lever to easily adjust the cutting height.

There are 7 height settings.

1. To decrease the cutting height pull the height adjustment lever (6) out and move it up a notch, towards the handlebar.

2. To increase the cutting height pull the lever out and move it down a notch, towards the engine.

**Note:** If you are unsure of which cutting height to use, begin with a high setting and trial a small section of lawn, then check the appearance of the lawn. Then readjust if necessary.
Checking the oil
1. Move the lawn mower to a level surface and clean around the oil filler cap (8).

2. Remove the oil filler cap with dipstick and wipe it with a clean cloth. Replace it and retighten the cap.

3. Remove the dipstick again and check the oil level, the oil should be at the full (‘max’) mark.

4. If oil is required add it slowly (the oil capacity is about 0.4 litre), do not over fill.

5. Retighten the oil filler cap firmly before starting the engine.

Fuelling
**IMPORTANT**. Fuel goes off after about 3-4 months. If you find your mower does not start, first change the fuel in the tank with newly purchased fuel.

**Note.** Use fresh unleaded petrol.

1. Unscrew the fuel tank cap (7) and pour unleaded petrol into the tank with the aid of a funnel.

2. Fill the tank to approximately 2.5 cm below the lowest portion of the neck to allow for fuel expansion.
   
   Be careful not to over fill.

3. Be careful not to spill any petrol, if this happens, wipe the spill with a clean rag.

4. Start the engine at least three meters away from the area where the fuel tank has been filled in order to avoid the risk of fire.

**WARNING.** Never attempt to refuel the engine while it is running or still warm, allow it to cool before fuelling.
Instructions

Starting the engine with a throttle lever
Starting the lawnmower if only a throttle lever is fitted

**Note.** Before starting the mower check the oil and fuel levels. Warranty will be void if the engine becomes faulty due to insufficient oil and fuel levels.

Ensure the mower is set to the highest height setting so the blades are not resting deep into the grass.

1. Move the throttle lever (3) to the cold start position.
2. Depress the priming bulb (17) fully 2-3 times
3. Push the throttle forward, pull the recoil starter (9) lightly until you feel resistance then pull quickly until the engine starts.
   Do not pull the cord with a jerk or release it until fully rewound.

Stopping the engine with a throttle lever
To stop the engine pull the throttle right back to the OFF position.

Mowing advice

1. It is recommended to use the fast throttle setting and keep the engine running at maximum speed. This will deliver the best cut and extend engine life. If the speed of the engine slows this could indicate the mower is being overloaded, by trying to cut too much grass or the catcher may be full. Try mowing a narrower strip, mowing slower, raising the cutting height or emptying the catcher.
2. Before mowing always check and clear the grassed area for all foreign objects, especially solid ones semi concealed in the ground such as rocks, stumps and garden stakes.
3. Sharp blades cut cleanly and efficiently, if the blade is dull it will tear the grass. This will result in the ends turning brown. When the blades no longer cut cleanly either sharpen them or replace them.
4. To safely operate the mower ensure all four wheels are on the ground and be careful not to loose your footing or control of the mower. Be very careful when mowing uneven or rough ground. Keep a firm grip on the handle bar at all times, always walk, never run with the mower.
5. For healthy growth, grass should not be cut too short. The grass will remain healthier, greener and require less watering.

6. Vary your cutting pattern from week to week, this will help to prevent matting and graining of the grass.

**Engine starting check list**

**Check the oil level**

The correct level is achieved by first ensuring mower is on a level surface. Then with the dip stick screwed in oil the way in and then back out again, check the level is to the “Max” indicator line. Make sure it is not over-filled.

**Fuel check**

As fuel can go off relatively quickly, make sure you are using fresh unleaded fuel and don’t overfill the tank.

**Spark plug**

Check the spark plug cable is firmly fitted to the top of the spark plug.

Remove the spark plug and check that the end is not blackened by carbon build up. Clean with a soft wire brush if necessary.

Test the spark plug ignition by disconnecting the spark plug wire from the spark plug. Hold the end of the spark plug wire close to a metal surface. If the spark plug is good, you will see a spark or you’ll hear a crackling noise. This means that voltage is getting through the wire to the spark plug.

**Note:** This should only be carried out by a confident end user as if not careful, this procedure may result in a non lethal electric shock. Petrol fumes and people with pace makers need to be taken into consideration when checking the spark this way.
Getting Started

Air filter
Check that the air filter is clean and dry. Filters thick with debris will not allow the engine to breathe and result in difficult starting and poor engine performance.

Engine tipping
When cleaning, or performing any maintenance such as replacing the blades, it is very important that the mower is only tipped backwards. Failing to do so will result in the engine oil flowing into the cylinder and muffler making starting very difficult if at all. Should this occur, the mower should be taken to a mower repair shop which is not covered under warranty.

Poor engine performance
Should the engine idle or run rough at full speed with excessive bluey/black smoke emanating from the muffler, it is possible that either the engine was slightly tipped incorrectly (refer above) or the carburettor is set to rich. With the engine running, adjust the mixture screw back slightly until performance improves. This screw is located through a slot in the front of the air filter cover.

Maintenance
**WARNING.** When cleaning, or performing any maintenance such as replacing the blades, it is very important that the mower is only tipped backwards. Failing to do so will result in the engine oil flowing into the cylinder and muffler making starting very difficult if at all. Should this occur, the mower should be taken to a mower repair shop which is not covered under warranty.

Catcher
**CAUTION.** Before making any adjustment or maintenance procedures to the mower ensure it is turned off and the spark plug lead is removed.
To remove the catcher, raise the guard while lifting the catcher to dislodge it from the hooks.
**WARNING.** Check the catcher frequently for wear and replace it if damaged.
Getting Started

Replacing the blade

Note. Before making any adjustment or maintenance procedures to the mower ensure it is turned off and the spark plug lead is removed.

Note. Wear heavy gloves to protect your hands.

1. Tilt the mower back so the spark plug is facing up and disconnect the spark, by pulling spark plug cover off.

2. Holding the blade with gloves on, use a spanner to undo the blade bolt.

3. Remove the blade, be careful not to slide the blade adaptor and dislodge the key on the shaft.

4. Clean dirt and grass from around the blade mounting area.

5. Replace the blade, hold on the adaptor whilst tightening the blade bolt.

6. Tighten the blade bolt tightly (50-59Nm).

Note. Use a wooden block to stop the blade from turning. The blades should be tightened fully but check to ensure they can still swing back if they were to hit a solid object.

Where required tighten the bolts with a torque wrench, the centre disc blade bolt torque: 50 – 59Nm and the four blades torque: 25 – 30Nm.

If you do not have a torque wrench ask a mower service dealer to tighten the blade bolts before you use the mower.

WARNING. If the blade bolts are not tightened correctly they could loosen and/or come out and it would be possible for the blades to fly off while you are operating the mower.
Getting Started

Oil change

**IMPORTANT.** Drain the oil while the engine is still warm to ensure rapid and complete draining.

1. Remove the oil fill cap dipstick (8) and tip sideways to drain the oil.
2. Turn up right and clean up any spillage and refill with fresh oil checking the level as you go.
3. Reinstall the oil fill cap dipstick.

**Note.** Please dispose of used motor oil in a manner that is compatible with the environment. We suggest you take it in a sealed container to your local service station for reclamation. Do not throw it in the trash or pour it into the earth.

Air cleaner service

**IMPORTANT.** A dirty air cleaner will restrict air flow to the carburettor.
To prevent carburettor malfunction, service the air cleaner regularly.

Check that the air filter is clean and dry of dirt. Filters thick with debris will not allow the engine to breath and result in difficult starting and poor engine performance.

1. Remove the wing bolts and the air cleaner cover. Be careful to avoid dust and debris falling into the bottom of air cleaner.
2. Remove the foam element and paper element.
3. Check, clean or replace the damaged air cleaner parts.
4. Install all parts back and fix the screw.

**CAUTION.** Never use fuel or low burning point solvents to clean the air cleaner element. A fire or explosion could result.

**CAUTION.** Clean the foam element in a solution of household detergent and warm water. Tap the element lightly several times on a hard surface to remove excess dirt, or blow compressed air through the filter from the inside out. Never try to brush the dirt off.
Getting Started

Spark plug

To ensure the engine is operating correctly, the spark plug must be properly gapped and free of carbon deposits. Always check the spark plug cable is firmly fitted to the top of the spark plug.

**CAUTION.** If the engine has been running, the muffler will be very hot. Be careful not to touch the muffler.

1. Remove the spark plug cap with a suitable wrench, and clean any deposits.

2. Visually inspect the spark plug. Discard the spark plug if there is apparent wear, or if the insulator is cracked or chipped.

3. Check that the end of the spark plug is not blackened by carbon build up. Clean with a soft wire brush if necessary.

4. Measure the plug gap with a feeler gauge. Correct as necessary by bending the side electrode. The gap should be 0.7 - 0.8mm.

Test the spark plug ignition by disconnecting the spark plug wire from the spark plug. Hold the end of the spark plug wire close to a metal surface. If the spark plug is good, you will see a spark or you’ll hear a crackling noise. This means that voltage is getting through the wire to the spark plug.

**Note:** This should only be carried out by a confident end user as if not careful, this procedure may result in a non lethal electric shock. Petrol fumes need to be considered with an open spark and people with pace makers.

5. Thread the spark plug in by hand to prevent cross-threading.

6. Once the spark plug is seated, tighten with a spark plug wrench to compress the washer.

**Note:** When installing a new spark plug, tighten 1/2 turn after the spark plug seats to compress the washer.

**Note:** When reinstalling a used spark plug, tighten 1/8-1/4 turn after the spark plug seats to compress the washer.

**CAUTION.** The spark plug must be securely tightened. An improperly tightened spark plug can become very hot and may damage the engine.
Transporting

**CAUTION.** If the engine must be tipped to transport equipment or to inspect or remove grass, keep the spark plug upwards.

Transporting or tipping the engine spark plug down may cause:

- Smoking
- Hard starting
- Spark plug fouling
- Oil saturation of the air filter

Ensure the storage area is free from excessive humidity and dust.

Drain the fuel tank and carburettor.

**WARNING.** Fuel is extremely flammable and explosive under certain conditions. Do not smoke or allow flames or sparks in the area.

**Note.** Be aware to not hit or cut the fuel tank (2) while you are transporting.

**Storage**

- When you finish working, clean the engine completely, making sure there is no grass or dirt on the engine.
- Store the engine away from direct sunlight.

At the end of the season, give the engine an overall cleaning and a thorough check.

- Whenever the machine is not used for a long period of time, proceed as follows:
  - Empty the fuel tank completely.
  - Protect all metal engine parts from corrosion by coating them with oil.
  - Remove the spark plug, put a few drops of oil into the cylinder and then pull the recoil starter 2 to 3 times in order to distribute the oil evenly. Replace the spark plug. This closes the valves, and protects them from dust and corrosion. Coat areas that may rust with a light film of oil. Cover the engine and store it on a level surface in a dry, dust free area.
Lawn Mower
Brand Name: Gardenline®
Product Number: 40170
Model Number: PM98CC

After Sales Support
Telephone: 1800 999 999
email: help@globalpowerbrands.com

This Pack Includes
1 x 99cc Lawn Mower
2 x Handle Bar locking Knobs (including bolts x 2)
1 x Warranty Card & Details
1 x 35 L Soft Catcher
1 x Spark Plug Spanner
1 x Instruction Manual

GARDENLINE®

1 YEAR WARRANTY
W²