After Sales Support

Now you have purchased a Gardenline® product you can rest assured in the knowledge that as well as your 3 year parts and labour guarantee you have the added peace of mind of dedicated helplines and web support.

AFTER SALES SUPPORT

1800 909 909
www.powertoolsupport.com

Read all safety warnings and all instructions thoroughly before operating this product.
Ensure you keep your manual in a safe place for future reference.
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Introduction

Your new Gardenline® Blower Vac 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 Blower Vac 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® Blower Vac. Take special care to heed the Cautions and Warnings.

Your Gardenline® Blower Vac 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 Blower Vac, making it easy to maintain and operate.

Use only Gardenline® replacement parts for your product. Non-conforming parts or modifications made to parts will void your warranty.

**Intended use of the 26cc Blower Vac**

**NOTE.** This product is for private domestic DIY use only.

It is not suitable for commercial or trade use.

This Blower Vac has been designed for moving leaves and other small garden debris by using either the blowing function to move or disperse, or the vacuum function for collection in the bag.

**NOTE.** First time users or inexperienced operators pay particular attention to the operation of the Blower Vac, including details of starting and stopping and correct use of the Blower Vac on pages 16 to 19, as well as the maintenance instructions on pages 20-21.

**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.

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.

**What your 3 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 3 years 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
General Information & Safety Instructions

Description of symbols

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.


Warning.

Read the instruction manual carefully.

Do not use in the rain, or leave outside while it is raining.

WARNING. Keep spectators away. Beware of objects being flung out.

WARNING. Remove the spark plug cable before performing any kind of maintenance.

Noise label rating 85dB(A) (taken at 7.5 metres) you must wear ear protection at all times.

Specifications

<table>
<thead>
<tr>
<th>Engine Displacement:</th>
<th>26cc</th>
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<tbody>
<tr>
<td>Motor:</td>
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<tr>
<td>Max. air velocity:</td>
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<td>Max. air volume:</td>
<td>11 m³/min</td>
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<td>Idling Engine Speed:</td>
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<td>Full Engine Speed:</td>
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<td>Collection bag:</td>
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<td>Mulching ratio:</td>
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<td>Spark Plug:</td>
<td>Torch L7RTC</td>
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Specifications Cont.

<table>
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<tr>
<th>Feature</th>
<th>Details</th>
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<td>Equivalent spark plugs</td>
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<td>Uncertainty (K): 1.5m/s²</td>
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<td>Vacuum</td>
<td>A-weighted sound pressure level: 100.9 dB(A)</td>
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<td></td>
<td>A-weighted sound power level: 110.5 dB(A)</td>
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<td>Product Dimensions:</td>
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<td></td>
<td>Set up for Vacuum function with collection bag:</td>
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<td>This product complies with</td>
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<tr>
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<td>2006/42/EC Machinery, EMC EN ISO 14982: 2009</td>
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General safety rules for Blower Vacs

Training

• Read the instructions carefully. Get familiar with the controls and proper use of the equipment.
• Non-skilled persons and first time users should read and understand the full instruction manual before proceeding with use of the product or recommended maintenance tasks.
• Only use the blower vac for the purpose for which it was designed, i.e. blowing or vacuuming garden debris. Any other use can be hazardous, causing damage to the machine.
• Never allow children or people unfamiliar with these instructions to use the blower vac. Local regulations may restrict the age of the operator.
• Never use the blower vac:
  – 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.
• Do not use unit around people with long hair.
• Dress appropriately. Do not operate with loose clothing or jewelry. Ensure there is a gap between the air intake and the operator.

**Preparation**
• While blowing or vacuuming, always wear sturdy non skid footwear and long trousers.
  Do not operate the equipment with bare feet or open sandals.

  **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 re-fuelling 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.
  – Replace all fuel tanks and containers caps securely.
• Substitute faulty silencers.
• Before use, always inspect the machine and check that the screws are not worn or damaged.
• It is advisable to wear suitable eye protection (safety glasses) ear protection, and sturdy gloves when operating the blower vac.

**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 i.e a water heater.
• Allow the engine to cool before storing in an enclosed space.
• To reduce the fire hazard, keep the engine, exhaust silencer, battery compartment (if applicable) and fuel storage area free of grass, leaves, or excessive grease.

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

• 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.

• Fuel goes off fairly quickly. If you find your blower vac does not start, 1st change the fuel in the tank with newly purchased fuel.

**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.

**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.

• 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 blower when it is raining or when the grass is wet.

• Do not use the blower near open windows due to possible debris entering.

• Caution must be taken while blowing and vacuuming on slopes.

• Turn off the engine if you must leave the blower vac unattended.

• Never change the rated speed of the engine in any way.

• Stop the engine and remove the spark plug cover in these cases:
  – Before any maintenance, repairing or checking operations.
  – If you leave the blower vac unattended.
  – If the blower vibrates in an abnormal way, take the blower vac to an authorised 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 fuel 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 oil mix 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 blower vac or in the area surrounding. Take the blower away from the zone where fuel has been spilt and avoid any contact from a hot source as long as the spilt gasoline is completely evaporated.

• Tighten the fuel tank cap and fuel can cap tightly.

**Additional safety rules for Petrol Blower Vacs**

• Do not operate in a hazardous location. Such areas include where there is a risk of explosion of petrol fumes, leaking gas or explosive dust.

• Do not operate in a confined area. Exhaust gases, smoke or fumes could reach dangerous concentrations.

• Protect your blower vac. This blower vac is NOT WEATHERPROOF and should not be exposed to direct sunlight, high ambient temperature and damp, wet or high humidity conditions.

• Do not smoke while refuelling. This is potentially dangerous as it may ignite the fuel and cause an explosion.

• Take care not to spill fuel. When refuelling the blower vac ensure that the motor has been switched off. Prevent the spilling of fuel as this may also ignite with the hot motor. Never refuel whilst the engine running.

• Be careful where you store the blower vac. Store the blower vac in a dry area away from flammable liquids.

• Keep your distance. The blower vac emits exhaust fumes. Ensure bystanders keep a safe distance.

• Ensure you use oil-mix fuel. Ensure that you mix 40 parts unleaded fuel to 1 part engine grade oil. If not, the engine will overheat and cause damage to your blower vac.
• Never fill fuel tank indoors. Never fill fuel tank when engine is running or hot. Do not smoke when filling fuel tank.
• Stop the engine before re-fuelling.
• Stop the engine and disconnect the spark plug wire:
  – If the blower vac vac starts to vibrate abnormally (find and remove the cause of the vibration immediately).
• Reduce the throttle before turning off the engine and turn the fuel off when you have finished blowing or vacuuming.
• 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 blower vac is in use.

Unpacking
Due to modern mass production techniques, it is unlikely that your petrol blower vac 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
1 x 26cc Blower Vac
1 x Lower Blow Tube
1 x Blow Tube Nozzle
4 x Tube Assembly Screws
2 x Toolfree blower lock knobs (fitted)
1 x Toolfree vacuum lock knob (fitted)
1 x Instruction Manual
1 x Quick Start Guide
1 x 35L Collection Bag with Shoulder Strap
1 x Lower Vac Tube
1 x Vac Tube Nozzle
1 x Fuel Mixing Bottle
1 x Spark Plug Wrench
1 x Warranty Card & Details
1. Throttle trigger
2. ON/OFF switch
3. Outlet exhaust
4. Tube assembly screws
5. Lower blow tube
6. Blow tube nozzle
7. Rubber grip handle
8. Bag tube
9. Intake Cover
10. Lower Vac tube
11. Collection bag
12. Vac Tube nozzle
13. Primer
14. Fuel cap
15. Air filter/cover
16. Choke lever (red)
17. Spark plug/cover
18. Recoil starter
19. Motor
20. Fuel tank
21. Shoulder strap (not shown)
22. Discharge port
23. Toolfree blower lock knobs (2)
24. Toolfree vacuum lock knob
Assembly

Preparation of the Blower Vac prior to use

The petrol blower vac requires some assembly prior to use. This includes joining of the vac tubes, joining of the blower tubes, and depending if the tool is to be used for blowing or vacuuming, fitting of the tube assembly to the housing and fitting the collection bag assembly to the housing. A medium size phillips screw driver (not supplied) is required to join the two halves of the vac tubes (10/12) and the two halves of the blow tubes (5/6).

Setting up for use as a Blower.

**IMPORTANT.** Blower tube installation affects both blower balance and performance. Both tube and nozzle must be screwed together.

**WARNING.** Danger from rotating impeller!

Stop the engine before installing or removing the blower tubes. Never perform any maintenance or assembly procedures on this machine while the engine is running.

Attaching the Blower Tube

1. Place the blower upright on the ground or on a sturdy work surface.

2. Push the blower tube nozzle tube (6) over the lower blow tube (5), lining up the locking pins. (Fig A)

3. Rotate the blow tube nozzle (6) clockwise on the lower blow tube (5) locking it into place. (Fig B)

4. Lock the tubes together using the 2 screws provided. (Fig C)

5. Remove the 2 x toolfree blower lock knobs (23) from the discharge port (22), and then align and push the assembled blower tube assembly over the discharge port (22) on the blower outlet and rotate until it locks in place and the screw holes can be seen. (Fig D)
6. Using the 2 x toolfree blower lock knobs (23), screw one into each side of the discharge port to secure the blower tubes into place. Finger tighten the toolfree lock knobs until secure (Fig E).

Check the intake cover. For using the blower vac as a blower, the vac tubes should not be fitted, but the intake cover MUST be closed and secured with the supplied green tool free vacuum lock knob (24). (Fig F)

The blower vac is now ready for use as a blower.

**Note.** The vac tubes and the collection bag are not required for the blower operation.

**Setting up for use as a Vac**

**Assembly of the vac tubes**

1. Align the lower vac tube (10) and the vac tube nozzle (12) and slide the vac tube inside the vac tube nozzle (12) until it will enter no more. (Fig G)

2. Rotate the two tubes and lock them together. (Fig H)

3. Fix the two tubes together with the supplied assembly screws using a Phillips head screw driver (not supplied). (Fig I)

**Fitting the Vac Tube to the Blower Vac Housing**

1. Loosen and remove the toolfree vacuum lock knob (24) on the intake cover (9).

2. Open the intake cover (9) and insert the vac tube so it fits inside the round entry of the vac housing. It is important to locate the square tab of the lower vac tube (10) under and into the locating keyway as the vac tube is fitted. (Fig K/L)

3. Secure the tube by screwing in the toolfree vacuum lock knob (24), previously removed from the inlet cover (9). Finger tighten the toolfree vacuum lock knob (24) until secure. (Fig M)
Fitting the Collection Bag

**WARNING** Never operate the vacuum without collection bag attached. Serious personal injury could be the result if the blower vac is used without the bag fitted.

**IMPORTANT** Before using this appliance as a vacuum, ensure the correct vacuum tubes are in position as per the instructions on the previous page, and the collection bag zip is done up before fitting.

**Note.** Always make sure the collection bag (11) zipper is closed when the vacuum function is in use.
For use as a vacuum, the collection bag (11) must be fitted.

The collection bag (11) fits on to the discharge port (22) of the blower vac housing, where the blow tubes are fitted when used in blowing operation. If the blow tubes are fitted, these need to be removed. Remove the two toolfree screws, rotate the tube as far as possible and then pull the tube off the blower. (Fig N)

1. Align the collection bag tube (8) to the outlet of the vac. Push the collection bag tube (8) onto the outlet housing as far as possible. (Fig O).

2. Rotate the tube until the retaining holes align. Check the orientation of the tube to ensure the tube is pointing downward and NOT upward. (Fig P). If upward rotate the tube in the reverse direction to assembly, and remove from vac. Turn the tube 180° and refit. Again, check the orientation of the tube (8) with the pic.

3. Fit the two toolfree screws to hold the collection tube in place. (Fig Q)

**Note.** If your collection bag becomes worn, replacement bags are available for purchase. Please refer to page 23 for further detail.

**Note.** To remove the collection bag, follow the above instructions in reverse.
Mixing the Fuel
ENGINE FUEL: MIX AT 40:1

**WARNING.** When mixing fuel it is recommended to wear eye protection, and to mix fuel in a well ventilated location.

**IMPORTANT.** Use good quality air cooled 2-stroke engine oil.

This product is powered by a 2-stroke engine and requires the pre-mixing of fuel with 2-stroke oil.

1. Use fresh unleaded petrol and a good grade of 2-stroke oil for air cooled 2-stroke engines.

2. Mix the petrol and oil in an approved container. Never mix fuel directly in the blower fuel tank.

**A fuel mixing bottle is provided with this Blower (Fig R)**

**Directions.** Place the plastic fuel mixing bottle on a level surface. Fill with unleaded fuel in the container to the top 500 marker in the column GAS.

Then with 2-stroke oil, fill to the top line maker in the 40:1 column. Replace the cap on the mixing bottle and shake the container to mix the fuel and oil.

The fuel is now correctly mixed at 40:1 and is ready to be poured into the petrol tank of the blower.

**NOTE.** This container provided is NOT a fuel storage container.

**WARNING.** Never use any type of pre-mixed fuel/oil direct from fuel stations. This may include special blends intended for use in mopeds, motorcycles, etc.

3. Mix the fuel thoroughly and also each time before fuelling.

4. Always pre-mix in small quantities. Never mix quantities larger than what will be used in a 30 day period.

**Note.** Do not store petrol in plastic containers.

Keep fuel out of the reach of children.
Instructions

Filling the Fuel Tank

WARNING. Always shut off the engine before fuelling. Never add fuel to a machine with a running or hot engine. Move at least 3 m (10 ft) away from the re-fuelling site before starting engine. Do not smoke when re-fuelling or operating the blower.

WARNING. Do not use fuel that is more than 2-3 months old. Empty the tank during longer breaks and fill it up again as soon you wish to use the blower again.

Note. It is normal for smoke to be emitted from a new engine during and after first use.

1. Place the blower upright on the ground or on a sturdy bench and wipe any debris from around the fuel cap (14).

2. Unscrew the fuel cap (14) and pour the mixture into the fuel tank (20) using a funnel (not supplied). (Fig S/T)

3. Be careful not to spill any mixture. If this happens, wipe up the spill with a clean rag. Replace and securely tighten the fuel cap (14).

4. Start the engine at least 3 metres away from the area where the fuel tank (20) has been filled up in order to avoid any risk of fire.

- Danger of fire and burn injuries.
- Always use extreme care when handling fuel! Fuel is highly flammable.
- Never attempt to fuel the blower if the fuel system components are damaged or are leaking.
- Never attempt to refuel the blower while the engine is running or still warm, allow it to cool before fuelling.
- Never smoke or light any fires near the blower or fuels.
- Always transport and store fuels in an approved container.
- Never place flammable material close to the engine muffler.
- Do not use petrol which contains ethanol or methanol as it may damage the fuel lines and other engine parts.
Instructions

- Mix only enough fuel for your immediate needs. If fuel must be stored longer than 30 days, it should first be treated with a stabilizer or similar product.

Operation
During operation of the blower it is recommended to wear eye protection, a dust mask, and full hearing protection.

Choke control
If the engine is cold you will need to use the choke control.

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

Starting the Blower
To start the engine, proceed as follows:

1. Press the primer (13) 5 to 10 times or until there are no air bubbles are visible in the fuel discharge line. (Fig U)
   
   **Note.** This is not necessary if the engine is warm.

2. If the engine is cold, move the choke lever (red) (16) upwards | closed. (Fig V)
   
   **Note.** Again this is not necessary if the engine is warm.

3. Press the I symbol on the On / Off switch (2) to turn the ignition ON.

4. Place the blower vac on the ground and hold the blower vac handle firmly with your left hand.

5. Pull the recoil starter (18) until the engine sounds like it wants to run or starts. (Fig W)

6. Slowly move the choke lever (red) (16) halfway down. If the motor is not running re try to start in the half way choke position. (Fig X)

7. Allow the motor to run for approximately 20 sec in the half choke position and then slowly move to the full run position.

8. Allow the engine to run for 10 seconds to let it warm up.
9. To increase the engine speed, increase pressure on the throttle trigger (1). To decrease the engine speed, reduce pressure on the throttle trigger (1). Release throttle trigger (1) completely to return to idle.

**Note.** If the motor stalls, move the choke lever (red) (16) back to the full choke position and repeat from point 4 unless the motor is already warm. If already warm, start in the half or no choke position.

**Stopping the Blower**

Stop the engine by pressing the On /Off switch (2) on the symbol marked “O” to turn off the ignition. (Fig Y)

**Blowing**

Start the blower engine, as previously described. Hold the blower firmly about 10–20 cm from the ground and move it in a sweeping motion from left to right, directing the debris to the desired location.

- Use low throttle settings when clearing lightweight materials from around lawns or shrubbery.
- Use medium to higher throttle settings to move lightweight grass or leaves from driveways or paths.
- Use full throttle when moving heavy loads such as dirt or snow.

**IMPORTANT.** Blower noise increases at higher throttle settings. Always use the lowest throttle setting required to get the job done.

- Never operate the blower unless it is properly assembled and in good working condition.
- Never operate the blower without a properly functioning muffler and spark arrestor installed.

**Use of the Petrol Blower**

- The petrol blower vac can efficiently move a wide variety of debris ranging from grass clippings to gravel. As a general rule try to operate the blower at the lowest throttle setting necessary to get the job done.
- Prior to use of the blower ensure you have read and understood this instruction manual.
- Ensure you are wearing suitable clothing and also safety equipment like safety glasses, ear protection and a mask if necessary.
Instructions

• Keep a gap between the air intake and clothing and body parts as blocking the intake will reduce the performance of the blower and may result in injury.

• Be aware of any local or national restrictions when using this appliance. This could include, but not restricted to, times of operation, location of operation, or work place operation.

• It is recommended to use a rake or broom to loosen debris before blowing/vacuuming.

• It is recommended to slightly dampen surfaces in dusty conditions or use mister attachment.

Operating as a Vacuum

**IMPORTANT.** Ensure the collection bag (11) is securely fitted and the zip is closed.

The blower vac is fitted with safety switches to prevent the operation of the unit when the large side door is opened where the vac tube is to be fitted.

**NEVER** attempt to open the side cover when the unit is operating.

**NEVER** attempt to use the vac without the bag secured to the housing.

This appliance is designed to be used as a garden vacuum in dry conditions. Debris to be collected should be in a dry condition to avoid jamming and clogging of the inlet tube.

1. Fit the vacuum tubes as previously mentioned.

2. Start engine as previously described.

3. Place the shoulder strap (21) over your head, onto your shoulder, and adjust it properly.

**Note.** Ensure the collection bag (11) is not in line with the exhaust outlet. Do not put the blower vac on the ground whilst it is operating. Turn the blower vac off before you remove the collection bag (11) strap from your shoulder.

4. Hold the vacuum, tilting the blower vacuum tube slightly and use a sweeping action to collect light debris. Small leaves and twigs will flow into the vacuum bag and be mulched as they pass through the fan housing, allowing the vacuum bag to hold more debris. (Fig Z)

**Warning.** Avoid loose stones, glass and cans. The blower vac is not a garbage collection unit and will be damaged if this type of debris is drawn into the vac.
Clearing a blocked Impeller/Mulcher

**Warning.** Ensure the blower/vacuum ON/OFF switch (2) is in the STOP (0) position and the spark plug cover (17) is removed to prevent accidental starting which may cause serious injury.

**Warning.** Never attempt to clear a blockage by placing your hand down the inlet tube.

1. Switch the On/Off switch (2) to the STOP (O) position. Wait for the impeller to stop rotating.
2. Disconnect the spark plug cover (17) to prevent the unit from starting.
3. Remove the blower/vacuum tube and/or the collection bag (11), by removing the tool free knobs only.
4. Carefully remove the material blocking the tube or impeller. Inspect the blades to ensure there is no damage. Rotate the impeller blades by hand to ensure the blockage is completely cleared.
5. Reinstall the collection bag (11) and blower/vacuum tube.
6. Reconnect the spark plug cover (17).
7. Empty the collection bag (11).

Use of the Petrol Blower Vac

The GARDENLINE® Petrol Blower Vacuum can efficiently collect a wide variety of debris ranging from grass clippings and leaves. Debris should be collected or vacuumed in a dry condition. As a general rule try to operate the blower vacuum at the lower throttle setting necessary to get the job done.

- Prior to use of the blower vacuum ensure you have read and understood this instruction manual.
- Ensure you are wearing suitable clothing and also safety equipment like safety glasses, ear protection and a mask if necessary.

Emptying the Collection Bag

**Warning.** Ensure to turn off the blower vac before attempting to empty the collection bag (11). The collection bag (11) must never be opened with the motor running.

The collection bag (11) should be emptied as soon as a noticeable reduction in performance of the vac is noticed. In general it is suggested to empty the bag when it becomes 1/2 full so as to keep the overall weight down and also to maintain max performance.
When emptying the debris bag it is suggested to wear a face mask and eye protection.

It is not necessary to remove the bag from the vac machine, but if it is preferred. You need to remove the two tool free knobs on the vac outlet tube and rotate the tube off the vac housing.

With the bag assembly on or off the vac, open the zip on the bottom edge of the bag, and empty the contents from the bag. It is suggested to give the bag a good shake to dislodge as much dust as possible.

Check the teeth on the zip are not clogged or fouled with debris. Close the zip fully. Replace the bag assembly on to the vac outlet if the bag was removed.

**Maintenance**

**WARNING.** Before performing any maintenance on this blower, stop the engine and disconnect the spark plug wire.

**Checking the Spark Plug (Fig AC)**

Check the spark plug every 10 - 15 hours of use.

1. Remove the spark plug cover (17). (Fig AA)
2. Use the supplied spark plug wrench to remove the spark plug (17), by turning it counter-clockwise. (Fig AB)
3. Clean and adjust the spark plug gap to 0.6 - 0.7mm. Replace any damaged or visibly worn plug with a CHAMPION RCJ6Y, NGK BPM6A or equivalent spark plug.
4. Install the spark plug (17) finger tight in the cylinder head, then tighten it firmly with the supplied spark plug wrench.

**Note.** If your spark plug becomes worn replacements are available for purchase. Please refer to page 23 for further detail.
Instructions

Air Filter
The air filter (15) should be checked approximately every 10 hours of use, or more frequently in dusty areas.

1. Unclip the air filter cover (15) (Fig AD), and remove the cover and air filter (15). (Fig AE)
2. Inspect the air filter (15). If the air filter (15) is distorted or damaged, replace it with a new one.
3. Wash the air filter (15) in detergent and water. Rinse the air filter (15) thoroughly. Squeeze out excess water. Allow it to dry completely before reinstalling.
4. Install the air filter (15) and cover and then reclip back into place.

Servicing
• It is recommended once you first use your petrol blower have it serviced after 15 hours of use.
• From thereafter, service the petrol blower every 2 years.

Storage and maintenance after use
• When you finish working, clean the petrol blower completely.
• Inspect the entire blower vac and tubes for damage, including loose or missing components, and repair anything necessary.
• Empty the collection bag (11), and give it a good shake to remove all debris and dust.
• Store the blower vac away from direct sunlight.
• Do not store in a nylon bag as this can encourage the formation of mould.
• Use a small brush to clean off the outside of the unit and keep the air vents free from obstructions. Do not use water or a hose to clean the unit.
• It is recommended to drain the fuel from the blower vac on the completion of use, prior to storage or transportation.
• When transporting the blower vac it is recommended to disassemble the product and put it back inside its original packaging (or the like), to prevent any damage during transit. Ensure the fuel cap is secured tightly to avoid fuel leakage.

Whenever the machine is not used for a long period of time, proceed as follows:
• Give the petrol blower vac an overall cleaning and a thorough check.
• Empty the fuel tank (20) completely, then clean the carburettor and lines by running the blower until it stops from lack of fuel.
• Protect all metal engine parts from corrosion by coating them with oil.
• Remove the spark plug (17), put several drops of oil into the cylinder through the spark plug hole and then pull the recoil starter 2 to 3 times in order to distribute the oil evenly. Replace the spark plug and spark plug cover.
• Clean the air filter (15) as described in the air filter section.

Troubleshooting

Power loss or sudden stopping of the engine
• Check whether the fuel tank (20) is empty.
• There is water in the mixture. Drain and rinse the fuel system with petrol.
• The air filter (15) is dirty. Clean the air filter (15).
• Check a twig or debris is not binding the impeller.
• The collection bag (11) is full. Empty the collection bag (11).

Poor or reduced Performance
With the engine turned off and the spark plug cover removed:
• Check the contents of the collection bag (11) and empty if it is more than half full.
• Remove the lower vac tube (10) and check the tube is clear.
• With the lower vac tube (10) off, check the condition of the impeller and replace if the impeller is worn.
• Remove the bag tube (8) from the blower using the two tool free vacuum knobs (24) and check the tubes are clear of debris and the discharge port is clear.

Starting a flooded engine
• Disconnect the spark plug lead, and use the supplied spark plug wrench to remove the spark plug (17) in a counter clockwise direction.
• If the spark plug (17) is fouled or is soaked with fuel, clean or replace the plug as required.
• Clean excess fuel from the combustion chamber by cranking the engine several times while the spark plug (17) is removed.
• Install the spark plug (17) and firmly tighten it with the supplied spark plug wrench.
• Repeat the starting procedure as if the blower was already warm.
Product Disposal
If disposing of the unit, recycle the 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.

**NOTE.** Do not discard unwanted fuel with household waste. It must be taken to an authorised repository site.

Vibration
Vibration white finger may occur in operators using hand held vibrating tools such as blower vacs. Continual vibration can cause both vascular damage and also nerve damage to the operator.

The following guidelines can reduce the risk:
- Limit the use of vibrating tools.
- Hold vibrating tools as loosely as possible and in varying positions.
- Ensure tools are well maintained and replace worn parts.
- Use tools correctly, and use the right tool for the job (to do the job more quickly and reduce exposure time).
- Store tools so that they do not have very cold handles when next used.
- Use anti-vibration gloves.
- Take regular breaks of at least 10 minutes every hour away from the tool, for both vibration and damage to the ears.

Service Support
If you have any issues with the operation of your product, please take it with a copy of your receipt to one of our National Service Agents for repair.

A listing of our Service Agents is included with your product, however, you can also find our most updated listing by visiting powertoolsupport.com, and clicking on the Service Agent link.

Accessories
Should you find the following accessories are worn or past their user life, replacements can be purchased online via our website www.extrabattery.com

- Replacement Collection bag (PBV26CC-BG)
- Replacement Spark Plug (Torch L7RTC)

If you have any queries regarding these accessories, please call us on our Customer Support Line - 1800 909 909.