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.

Read all safety warnings and all instructions thoroughly before operating this product.
Contents

03  Introduction
03  Intended use of the 26cc Hedge Trimmer
03  Environmental protection
03  What your 3 year warranty means
04  Description of symbols
05  Specifications
06  Safety instructions
08  Additional safety rules for Petrol Hedge Trimmers
10  Parts List
11  Getting Started
11  Unpacking
11  Contents of carton
11  Assembly
11  Removing / Replacing the cover
12  Fuelling
12  Mixing Fuel
12  Recommended Fuels
13  Filling the tank
14  Starting a Cold Engine
16  Stopping the Engine
16  Operation of the Throttle Trigger
16  Starting a Warm Engine
17  The Operation of the Rotary Handle
17  Use of the Petrol Hedge Trimmer
18  Using the Hedge Trimmer with the Trimmer on its side
19  Trimming instructions
20  Blade Maintenance
20  Blade Lubrication
20  Greasing
21  Air Filter
21  Spark Plug
22  Storage and Maintenance after use
22  Removing a unit from storage
23  Service Support
23  Accessories
24  Troubleshooting
Introduction

Your new Gardenline® Hedge Trimmer 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 hedge trimmer 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® hedge trimmer. Take special care to heed the Cautions and Warnings. Save all warnings and instructions for future reference.

Your Gardenline® hedge trimmer 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 hedge trimmer, 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 Hedge Trimmer**

**NOTE.** This product is for private domestic DIY use only. It is not suitable for commercial or trade use. This Hedge Trimmer has been designed for trimming, shaping, and pruning hedges, shrubs and trees.

**NOTE.** First time users or inexperienced operators pay particular attention to the operation of the Hedge Trimmer, including details of starting and stopping and correct use of the Hedge Trimmer on pages 14 to 19, as well as the maintenance instructions on pages 20-23.

**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, and instructions within this manual may show symbols. These represent important information about the product or instructions on its use.

- Conforms to relevant standards for electromagnetic compatibility.
- Wear hearing protection. Wear eye protection.
- Wear breathing protection.
- Wear safety footwear.
- Wear safety gloves.
- Warning.
- Read these instructions for use carefully.

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.
- Keep hands away from moving parts.
- 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 84dBA (taken at 7.5 metres) you must wear ear protection at all times.
- Keep out of the rain/wet.
## General Information & Safety Instructions

### Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine</td>
<td>26cc, 2 stroke</td>
</tr>
<tr>
<td>Idling Engine speed</td>
<td>3000min⁻¹</td>
</tr>
<tr>
<td>Full Engine speed</td>
<td>9000min⁻¹</td>
</tr>
<tr>
<td>Blade cutting length</td>
<td>510mm</td>
</tr>
<tr>
<td>Bar length</td>
<td>633mm</td>
</tr>
<tr>
<td>Maximum Cutting capacity Ø</td>
<td>24mm</td>
</tr>
<tr>
<td>Fuel tank capacity</td>
<td>500ml</td>
</tr>
<tr>
<td>Fuel type</td>
<td>Unleaded petrol</td>
</tr>
<tr>
<td>Fuel mixture</td>
<td>Unleaded petrol: 2-Stroke oil (40:1)</td>
</tr>
<tr>
<td>Spark Plug</td>
<td>Torch L7RTC</td>
</tr>
<tr>
<td>Equivalent spark plugs</td>
<td>NGK BPMR7A, CHAMPION RCJ6Y</td>
</tr>
<tr>
<td>Net Weight</td>
<td>5.5kg</td>
</tr>
<tr>
<td>Noise label rating</td>
<td>84dBA (taken at 7.5 metres) you must wear ear protection at all times.</td>
</tr>
<tr>
<td>A-weighted sound pressure level LpA eq</td>
<td>101.28 dB(A)</td>
</tr>
<tr>
<td>A-weighted sound power level LwA eq</td>
<td>109.61 dB(A)</td>
</tr>
<tr>
<td>Uncertainty (K)</td>
<td>3 dB(A)</td>
</tr>
<tr>
<td>Hand Vibration Calculated Equivalent Value: Front Handle</td>
<td>10.677m/s²</td>
</tr>
<tr>
<td></td>
<td>Rear Handle</td>
</tr>
<tr>
<td>Uncertainty (K)</td>
<td>1.5 m/s²</td>
</tr>
<tr>
<td>Product Dimensions</td>
<td>96cm x 24cm x 21cm +/- tolerances (L x W x H)</td>
</tr>
</tbody>
</table>

This product complies with:
- EMC EN55012:2007+A1,
- EN61000-6-3:2007, EN61000-6-1:2007
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, battery-operated (cordless) power tool, or petrol operated power tool.

This unit may not be used by people (including children) with reduced physical, sensory or mental capacities, with a lack of experience and without the appropriate knowledge, unless they are supervised by someone who is responsible for their safety or have been instructed by such a person with regard to how the unit is to be operated. Children should be supervised to ensure that they do not play with the device.

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.

**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.
Additional safety rules for Petrol Hedge Trimmers

• 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.

• Do not operate the hedge trimmer where power lines can cause a risk. Be aware of overhead power lines.

• Protect your tool. This hedge trimmer 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 hedge trimmer 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 is running.

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

• Keep your distance. The hedge trimmer 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 2-stroke oil. If not, the engine will overheat and cause damage to your hedge trimmer.

• Never fill fuel tank indoors. Never fill fuel tank when engine is running or hot. Do not smoke when filling fuel tank.

• Use only for pruning. This product is designed only for use in trimming leaves and small branches. It must never be used for any other purpose as doing so could result in unforeseen accidents and injuries.

• Keep hands and fingers well away from the blade.

• Wear work gloves, eye protection, ear protection, solid shoes and trousers when using this hedge trimmer.

• Always grasp both handles when operating the unit.
General Information & Safety Instructions

• Ensure the hedge trimmer is switched off and is cool before cleaning and maintenance.
• If you are interrupted when operating the trimmer, switch off before looking up.
• Never allow untrained users or children to use the trimmer.
• Use good quality air cooled 2-stroke engine oil.
• Wear goggles
• Wear earmuffs
• Wear a breathing mask

• Keep all parts of your body away from the cutting blade. Do Not remove cut material or hold material to be cut when blades are moving. Make sure the switch is off and the motor is NOT running when clearing jammed material. A moment of inattention while operating the hedge trimmer may result in serious personal injury.
• Carry the hedge trimmer by the handle with the cutter blade and motor stopped. When transporting or storing the hedge trimmer, always fit the cutter device cover. Proper handling of the hedge trimmer will reduce possible personal injury from the cutter blade.
• Prior to cutting with the hedge trimmer, always check the area to be cut for hidden objects. Be observant for fencing wire, Garden stakes, or electrical cables. Ensure to remove any of these objects prior to starting.
• Do not use the hedge trimmer in poor weather conditions.
• Do not use the hedge trimmer in poor light.
• Always use both hands when operating the hedge trimmer, one on the rear handle and the other on the front handle.
Parts List

1. Blades
2. Blunt plate
3. Protective guard
4. Silencer cover
5. Spark plug cover
6. Spark plug (not shown)
7. Front handle
8. Recoil starter
9. Air filter cover
10. On/Off switch
11. Throttle trigger
12. Fuel tank
13. Fuel cap
14. Safety lever
15. Rear handle
16. Throttle start button
17. Primer bulb
18. Choke lever (red)
19. Rotating handle lock lever
20. Rotating handle
21. Grease nipple
22. Blade cover
Getting Started

Unpacking
Due to modern mass production techniques, it is unlikely that your petrol hedge trimmer 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 2 Stroke Hedge Trimmer 1 x Tube Spanner / Screw driver
1 x Mixing Bottle with 40:1 markings 1 x Blade Cover
1 x Instruction Manual 1 x Warranty Card & Details
1 x Quick Start Guide

Assembly
This hedge trimmer does not require any pre-assembly before use, however the hedge trimmer is required to be filled with 500ml of Unleaded petrol: 2-Stroke oil (40:1) before operation.

Removing / Replacing the cover
1. To remove the blade cover (22) lift the locking knob and slide the cover off the blades (1). (Fig. A)
2. To replace the blade cover (22), ensure the locking knob is lifted and slide the blade cover (22) full onto the blade (1). (Fig. B)
3. To lock secure the blade cover (22) on the blades (1), depress the locking knob. (Fig. C)
Fuel and Lubrication

Fuelling
Use fresh unleaded fuel mixed with 2-stroke air-cooled engine oil (40:1) for best results. Use mixing ratios in Section Fuel Mixing Table below.

**WARNING.** Never use straight fuel in your unit. This will cause permanent engine damage and void the manufacturer’s warranty for that product. Never use a fuel mixture that has been stored for over 30 days.

**WARNING.** 2-stroke lubricant must be a premium grade oil for 2-stroke air cooled engines mixed at a 40:1 ratio. It is recommended NOT to use pre mixed fuels from service stations as these are often for water cooled 2 stroke engines. If insufficient lubrication is the cause of engine damage, it voids the manufacturer’s engine warranty.

Mixing Fuel
**MOTOR FUEL: MIX AT 40:1 ONLY**

**Note.** The mixing bottle provided is NOT for the storage of fuel. This container is solely for mixing of fuel only. Ensure to keep this container in a safe storage location, empty of fuel and out of reach of children.

**WARNING.** Lack of lubrication voids engine warranty.
Fuel and oil must be mixed at 40:1.

Fuel and Lubrication Symbols

![Fuel Mixing Bottle]

**Fuel Mixing Table**
Mixing procedure:
40 parts fuel to 1 part oil
Fuel 1 Litre to 25ml of 2 stroke oil - 5 Litres to 125ml of 2 stroke oil

**Recommended Fuels**
Only use fresh unleaded fuel with this hedge trimmer fuel mix.
Do Not use Ethanol based fuels.

**Note.** 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.

**WARNING.** If fuel is spilt during the fueling process, ensure to move the hedge trimmer away from the spillage area and do not start the hedge trimmer near this area.
Fuel and Lubrication

Filling the tank

**WARNING.** Always shut off the engine before fuelling. Never add fuel to a machine with a running or hot engine. Move at least 9 m (30 ft.) away from the refuelling site before starting engine. Do not smoke when refuelling or operating the hedge trimmer.

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

1. Place the hedge trimmer upright on the ground or on a sturdy bench and wipe any debris from around the fuel cap.
2. Unscrew the fuel tank cap and pour the mixture into the tank with the aid of a funnel.
3. Be careful not to spill any mixture. If this happens, wipe the spill with a clean rag.
4. Start the engine at least nine metres (30ft) away from the area where the fuel tank has been filled up in order to avoid any risk of fire.

- Always use extreme care when handling fuel! Fuel is highly flammable.
- Never attempt to fuel the hedge trimmer if the fuel system components are damaged or are leaking.
- Never attempt the refuel the engine while it is running or still warm, allow it to cool before fuelling.
- Never smoke or light any fires near the hedge trimmer or fuels.
- Always transport and store fuels in an approved container.
- Never place flammable material close to the engine muffler.
- Never operate the hedge trimmer unless it is properly assembled and in good working condition.
- Do not use fuel which contains ethanol or methanol as it may damage the fuel lines and other engine parts.
- Mix only enough fuel for your immediate needs. Do not store pre-mixed fuel.
- Always replace and securely tighten the fuel cap after refuelling.
Starting A Cold Engine

**CAUTION.** Ensure the blade cover (22) is removed before attempting to start the hedge trimmer.

**Note.** Ensure the hedge trimmer has been filled with the relevant fuel:oil 40:1 mixture before proceeding with operation of the hedge trimmer.

1. Place the hedge trimmer on a firm flat surface.
2. Move the on/off Switch (10) to the run position marked with an “I”. (Fig 1)
3. Your unit is designed with a 2 position choke:
   - ![Full Choke](image)
   - ![No Choke](image)

   Move the red choke lever (18) to the Full Choke position (Fig 2).
4. Prime the carburettor by pressing the primer bulb (17) 5-10 times or until there are no air bubbles visible in the fuel discharge line. (Fig 3).
5. Set the throttle trigger (11) to the “START POSITION”. Grip the rear handle (15) of the hedge trimmer and at the same time press down the safety lever (14). Squeeze FULLY the throttle Trigger (11) and hold in the full on position.

   Depress the throttle start button (16) on the side of the handle. Whilst holding the throttle start button (16) depressed, slowly release the throttle trigger (11). The throttle trigger (11) will engage on the throttle start button (16), locking the throttle trigger (11) in a part on condition.

   The throttle trigger (11), the safety lever (14) and the throttle start button (16) can now be released.
6. Pull the recoil starter (8) out a short way until resistance is felt (approximately pull: 4” / 10cm) (Fig 4a). A smooth rapid pull is required for a strong spark. Pull the recoil starter (8) briskly 4 times.
7. Once the engine starts allow to run for 10 seconds.

**Note.** If the engine starts at all and then stops, even for 1 sec, move the choke lever (18) to the mid way position between the full choke and no choke position and pull the recoil starter (8) to re start.

**WARNING.** On start up the oscillating blades may be operational due to the setting of the starting throttle. Be well aware of this condition.

8. Move the red choke lever (18) to the no choke position (Fig 4b) and allow to run for a further 10 sec.

9. After the motor is operating and partly warmed after point 8 above, grip the rear handle (15) of the hedge trimmer and at the same time press down the safety lever (14). Squeeze slightly the throttle trigger (11) and then release the trigger. This will disengage the starting trigger lock and allow the motor to idle correctly and disengage the oscillating blades.

10. If the engine fails to start, repeat steps 1 through 8.

**WARNING.** On start up the oscillating blades may be operational due to the setting of the starting throttle. Be well aware of this condition.

**Note.** If the engine fails to start after repeated attempts, refer to Troubleshooting section.

**Note.** Always pull the recoil starter (8) straight out. Pulling the recoil starter (8) at an angle will cause it to rub against the eyelet. This friction will cause the cord to fray and wear more quickly. Do not pull the end of the cord, this can damage the recoil starter (8). Always hold the recoil starter (8) handle when the cord retracts. Never allow the cord to snap back from the extended position. This could cause the cord to snag or fray and also damage the recoil starter (8) assembly.
Stopping the Engine

Emergency Stopping Procedure

When it is completely necessary to stop the engine immediately, PRESS the on/off switch (10) to the OFF position (position “O”) until the engine stops.

Normal Stopping Method

For normal stopping, release the throttle trigger (11) and allow the engine to return to its idle speed. Press the on/off switch (10) to the OFF position, marked with an “O”, until the engine stops completely.

Operation of the Throttle Trigger

The operation of the hedge trimmer is fully controlled from the rear handle (12).

The throttle trigger (11) fully controls the hedge trimmer as follows.

1. With the motor running and the throttle trigger (11) not being pressed or locked in for starting, the speed of the motor is at idle and at idle, the blades are NOT engaged.

2. To engage the blades (1), the motor needs to accelerate.

To increase the speed of the motor, press the safety lever (14) down first and then squeeze the throttle trigger (11). The further you squeeze the throttle trigger (11), the faster the motor will run. During the increase in motor speed, the blades (1) will engage.

3. To slow the hedge trimmer, release the throttle trigger (11) to obtain the desired speed. To return the motor to the idle speed and completely disengage the blades (1), release the throttle trigger (11) completely.

4. Note, Before you can operate the throttle trigger (11), you MUST depress the safety lever (14)

Starting a Warm Engine

(Engine has been stopped for no more than 15-20 minutes)

1. Move the on/off switch (10) to the run position and pull the recoil starter (8) cord again. The engine should start with one or two pulls. If the engine fails to start after 6 pulls, repeat steps 2 through 9 of the “Starting a Cold Engine” instructions.
Operating Instructions

The Operation of the Rear Rotating Handle

1. The rotating handle (20) can turn left or right up to 90°.

2. The rotating handle (20) can only be adjusted when the machine is running at idling speed or in the off position however, it is recommended to adjust the rotating handle (20) while the hedge trimmer is off.

3. Slightly pull out the rotating handle lock lever (19), turn slightly, then release, and continue to turn the rotating handle (20) in your desired direction until the rotating handle lock lever (19) snaps back into position at the +- 90 Degree point.

Note: The hedge trimmer can only be used in the 3 preset positions of the rear handle.

Use of the Petrol Hedge Trimmer

- 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.

- This product requires the use of two hands to ensure safe operation. Rotate the rotating handle (20) to the most comfortable operating position.

- If unfamiliar with trimming techniques, practice the procedures with the engine in the “OFF” position.

- Always clear your work area of debris such as cans, bottles, rocks, etc. Striking objects can cause serious injury to the operator or bystanders and also damage equipment. If an object is accidentally hit, immediately turn off the engine and examine the equipment. Never operate the unit with damaged or defective parts.

- Do not operate the hedge trimmer with other people or animals in the immediate vicinity.

- If you are operating it on a slope, stand below the cutting attachment. Do not operate on a slope or hill if there is the slightest chance of slipping or losing your footing.

- Do not use this equipment for purposes other than trimming shrubs, hedges, or bushes.
Operating Instructions

- Never operate the hedge trimmer without a properly functioning muffler and spark plug cover installed.
- Ensure that the blade cover is removed before starting the hedge trimmer.
- Never operate the hedge trimmer unless it is properly assembled and in good working condition.
- Start the engine only when you are close to the working area.
- Always trim or cut at high engine speeds. Do not run the engine slowly at the start or during trimming operations.
- Place yourself in a well-balanced position, stable on both feet.
- Avoid cutting thick branches (larger than 24mm), as this will damage the blades and shorten the life of the drive system.
- Always keep your body to the carburettor side of your trimmer, never on the muffler side.
- Maintain a steady, even posture while operating. Do not over-reach.
- If the blades jam when operating, switch the engine off and clear any obstruction. **WARNING.** Wear gloves whenever touching the blades.
- If the blades connect with a hard object during operation stop the engine and check the blade for damage.
- Never work towards people or solid objects such as walls, trees or vehicles etc.
- Always release the throttle trigger and allow the engine to return to idle speed when not cutting.
- DO NOT jam the controls in the on/fast condition. Operate the controls by hand only.
- Always check the product to be trimmed and do not cut close to fencing wire, or services but not limited to electricity, gas pipes etc. ALWAYS check first.
- Always use the trimmer in a supply of fresh air. Do Not use in confined or enclosed areas.
- If the hedge trimmer is making unusual sounds or vibrations, turn the unit off immediately; do not under any conditions leave the hedge trimmer operating and unattended. Disconnect the spark plug and inspect for damage or any loose parts. Also reference the trouble shooting chart or take it to an authorised service agent.

**Using the Hedge Trimmer with the Trimmer on its side.**

Often, when either of the rotating handle (20) positions, i.e 90° to the left or the right is selected, the hedge trimmer will be orientated with the blade (1) in a vertical position. Please note the following tips.
Operating Instructions

1. Practice a little with the new orientation of the tool. The balance and feel is slightly different than in the horizontal position.

2. FILL the fuel tank fully when the tool is positioned with the blades (1) vertical. The fuel pick up tube will not reach the bottom of the tank with these orientations.

3. Ensure the handle lock is fully engaged.

   Note. All protective devices of the machine as well as protective equipment must be maintained in good operating condition during the period of use.

Petrol hedge trimmers transmit vibrations to the operator during use. These vibrations can generate increased fatigue. For this reason, we recommend taking regular breaks during work. We also recommend taking a break after a few hours of work to rest the engine. If abnormal noise or vibration occurs during operation, turn the hedge trimmer off immediately and have the problem corrected.

Trimming Instructions

Before operating your unit, review ALL SAFETY PRECAUTIONS in this manual.

1. WORKING POSITION. Maintain proper footing and balance and do not overreach. Wear safety goggles, ear muffs, non-skid footwear and rubber gloves when trimming. Hold the hedge trimmer firmly in both hands and turn the hedge trimmer ON. Always hold the hedge trimmer, as shown in the illustrations, with one hand on the rear handle and one hand on the front handle (7). NEVER hold the hedge trimmer by the protective guard (3).

2. TRIMMING NEW GROWTH. A wide, sweeping motion, feeding the blade teeth through the twigs is most effective. A slight downward tilt of the blades (1), in the direction of motion gives the best cutting. (Fig 5A)

3. LEVEL HEDGES. To obtain level hedges, a piece of string can be stretched along the length of the hedge as a guide.

   CAUTION: Do not use the hedge trimmer for cutting stems greater than 24mm. Use the hedge trimmer only for cutting normal shrubbery found around houses and buildings.

4. SIDE-TRIMMING HEDGES.

   Hold the trimmer as shown and begin at the bottom and sweep up. (Fig 5B)
**Maintenance**

**Warning.** Ensure the engine is switched off before undertaking all maintenance work / tasks.

**Blade Maintenance**

Your hedge trimmer should be stopped and oiled occasionally during use.

1. The cutting blades (1) are made from high quality, hardened steel and with normal usage, they will not require resharpening. However, if you accidentally hit a wire fence, stones, glass or other hard objects, you may put a nick in the blades (1). There is no need to remove this nick as long as it does not interfere with the movement of the blade. If it does interfere, stop the engine and use a fine toothed file or sharpening stone to remove the nick.

2. If you drop the hedge trimmer, carefully inspect it for damage. If the blades/s (1) is bent, the housing cracked, or handles broken or if you see any other condition that may affect the hedge trimmer’s operation contact an authorised service centre for repairs before using again.

3. Fertilisers and other garden chemicals contain agents greatly accelerate the corrosion of metals. Do not store the hedge trimmer on or adjacent to fertilisers or chemicals.

4. With the unit stopped, use only mild soap and a damp cloth to clean the outside of the hedge trimmer. Never let any liquid get inside the tool; never immerse any part of the hedge trimmer into a liquid.

**Blade Lubrication**

**Warning.** Before lubricating, be sure your hedge trimmer is switched off and blades (1) have come to a complete stop. For easier operation and longer blade life, lubricate the blade before and after each use.

Apply light machine oil along the edge of the blades/s (1) bar (Fig 6A).

**Greasing**

The engine requires re-greasing after approximately every 25 hours of operation.

- Apply lithium grease into the gearbox through the grease fitting after 25 hours running (Fig 6B) (A).
Maintenance

Air Filter

**Caution.** NEVER operate this unit without the air filter as dust and dirt will be sucked into the engine and damage it. Accumulated dust in the air filter will reduce engine efficiency, increase fuel consumption and allow abrasive particles to pass into the engine. Remove the air filter as often as necessary and maintain a clean condition of the filter and cylinder fins.

**To Clean the Air Filter:**

1. Loosen knob (A) holding the air filter cover (9) in place, remove cover (B) and lift out the filter (C) (Fig 7).
2. Wash the filter in soap and water. **DO NOT USE PETROL!**
3. Air dry the filter.
4. Reinstall the air filter and close the air filter cover (9).

**Note.** Replace filter if frayed, torn, damaged or unable to be cleaned.

Carburettor Adjustment

The carburettor is pre-set at the factory for optimum performance. If further adjustments are necessary take your unit to a qualified service dealer.

Spark Plug

Starting failure is often caused by a fouled spark plug. Periodically clean the spark plug and replace with a new one if necessary.

**Note.** Spark plug gap = .025 in. (.635mm) (Fig 8).

1. Remove the spark plug cover (5).
2. Use the supplied tube spanner / screwdriver to remove the spark plug (6), by turning it counter-clockwise. (Torque to 130 inch pounds (15 Nm)
3. Clean and adjust the spark plug gap to 0.6 - 0.7mm. Replace any damaged or visibly worn plug with a new spark plug - model NGK BPMR7A or CHAMPION CJ7Y.
4. Install the spark plug (6) finger tight, then tighten with the supplied tube spanner / screwdriver. Do not over-tighten.

**Note.** If your spark plug becomes worn, replacements are available for purchase. Please refer to page 22 for further detail.
Storage

Storage and Maintenance after use

1. Perform all the general maintenance recommended in the Maintenance Section of your Instruction Manual.
2. Clean the outside surfaces of the hedge trimmer.
3. Check the fuel system for any leaks.
4. Drain the fuel from the fuel tank (12). Note. Do not discard unwanted fuel with household waste. It must be taken to an authorised repository site.
   
   **Note.** Draining the fuel tank should be done outdoors.
5. After the fuel is drained, start the engine.
6. Run the engine at idle until the unit stops. This will clear the carburettor of fuel.
7. Allow the engine to cool (approx. 5 minutes).
8. Using the supplied tube spanner / screwdriver, remove the spark plug (6).
9. Pour 1 teaspoon of clean 2-stroke oil into the combustion chamber. Pull the recoil starter (8) slowly several times to coat the internal components. Replace spark plug (6).
10. Store the unit in a cool, dry place away from any source of ignition such as an oil burner, water heater, etc.
11. 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.
12. Check The operation of the On/Off controls prior to use or during maintenance check. (refer to service centre if not operating correctly)
13. Check the condition of the blade for sharpness, cutting edge damage and binding/jamming of the blades prior to use or during maintenance check.
14. Check the clutch operation. With motor at idle, blades must not operate and should only engage when motor is accelerated and stop when the motor is slowed to idle prior to use or during maintenance check.
Removing a unit from storage

1. Remove spark plug (6).
2. Pull the recoil starter (8) briskly to clear excess oil from the combustion chamber.
3. Clean and gap the spark plug (6) or install a new spark plug with the proper gap. (Fig 9)
4. Prepare the unit for operation.
5. Fill the fuel tank (12) with the proper fuel / oil mixture. See Fuel and Lubrication Section.

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 spark plug becomes worn or past its user life, replacements can be purchased online via our website www.extrabattery.com.au

- Replacement Spark Plug (Torch L7RTC)

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

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>Solution</th>
</tr>
</thead>
</table>
| Unit won’t start or starts but will not run. | • Incorrect starting procedures.  
• Incorrect carburettor mixture adjustment setting.  
• Fouled spark plug (6).  
• Empty fuel tank (12).  
• Primer bulb was not pressed enough. | • Follow instructions in the user manual.  
• Have carburettor adjusted by an Authorised Service Centre.  
• Clean/gap or replace plug.  
• Fill fuel tank with properly mixed fuel.  
• Press primer bulb (17) fully and slowly 10 times. |
| Unit starts, but engine has low power. | • Fuel filter is blocked.  
• Incorrect choke lever (18) position.  
• Dirty spark arrester.  
• Dirty air filter.  
• Incorrect carburettor mixture adjustment setting. | • Replace the Fuel filter.  
• Move to RUN position: 🔁  
• Replace spark arrester cover.  
• Remove, clean and reinstall filter.  
• Have carburettor adjusted by an Authorised Service Centre. |
| Engine splutters. | • Incorrect carburettor mixture adjustment setting.  
• Air filter is blocked.  
• Old or improperly mixed fuel. | • Have carburettor adjusted by an Authorised Service Centre.  
• Replace or clean air filter.  
• Drain fuel tank (12)/add fresh fuel mixture. |
| No power under load. | • Incorrect carburettor mixture adjustment setting.  
• Old or improperly mixed fuel.  
• Air filter is blocked.  
• Dirty spark plug (6). | • Have carburettor adjusted by an Authorised Service Centre.  
• Drain fuel tank (12)/add fresh fuel mixture.  
• Replace or clean air filter.  
• Clean/gap or replace plug. |
| Runs erratically. | • Incorrectly gapped spark plug (6).  
• Dirty spark arrester.  
• Dirty air filter. | • Clean/gap or replace plug.  
• Clean or replace spark arrestor.  
• Clean or replace air filter. |
| Smokes excessively. | • Incorrect carburettor mixture adjustment setting.  
• Incorrect fuel mixture. | • Have carburettor adjusted by an Authorised Service Centre.  
• Use properly mixed fuel (40:1 mixture). |
| Motor keeps stopping when using the hedge trimmer on its side. | • Choke lever (18) not in the open or run position  
• Low fuel level | • Check the position of the red choke lever (18). Ensure the lever (18) is in the full run position.  
• Fuel tank (12) needs to be close to a full tank when running the hedge trimmer on its side. Fill fuel tank (12) with fuel. |
This is a blank page
This is a blank page