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GARDEN MULTITOOL 4-IN-1 40V POWDPG7553

1 APPLICATION

This appliance is designed for the following applications:

- Brush cutter (when fitted with metal circular blade): The brush cutter is intended to cut weed and climbing plants. Do not use it for other purposes, never use it for cutting wood. Never cut objects with a diameter exceeding 13 mm.
- Grass trimmer (when fitted with nylon line cutting head): The grass trimmer is intended for trimming grass. Do not use it for other purposes.
- Hedge trimmer (when fitted with reciprocating blade): The trimmer is intended to be used for trimming hedges and bushes with diameter not more than 24 mm.
- Chain saw: this appliance is intended for trimming branches in trees.

Do not use this appliance for other purpose than those described in this manual. Not suitable for professional use



WARNING! For your own safety, read this manual and general safety instructions carefully before using the appliance. Your power tool should only be passed on together with these instructions.

2 DESCRIPTION (FIG. A)

- | | |
|-----------------------------------|---|
| 1. Cutting disc | 19. Chain sprocket |
| 2. Drive shaft assembly | 20. Chain wheel |
| 3. Switch trigger | 21. Chain tensioner screw |
| 4. Safety switch | 22. Oil dispenser |
| 5. Harness attachment/cable lock | 23. Oil filler cap |
| 6. Protection guard | 24. Oil tank |
| 7. Spool | 25. Oil adjusting screw |
| 8. Knob | 26. Oil level indicator |
| 9. Lock | 27. Lock |
| 10. Main switch/battery indicator | Hedge trimmer attachment |
| 11. Round handle | 28. Lock / release |
| 12. Lever | 29. Handle |
| 13. Knob | 30. Safety lever |
| Chain saw attachment | 31. Battery pack (NOT INCLUDED) |
| 14. Socket spanner | 32. Battery pack release button |
| 15. Chain saw bar cover | 33. Charger (NOT INCLUDED) |
| 16. Nut | 34. Battery capacity indicator |
| 17. Saw chain | 35. Button for battery capacity indicator |
| 18. Bar | |

3 PACKAGE CONTENT LIST

- Remove all packaging materials.
- Remove remaining packing and package inserts (if included).
- Check that the package contents are complete.
- Check the appliance, the power cord, the power plug and all accessories for transportation damage.
- Keep the packing materials as long as possible till the end of the warranty period. Dispose it into your local waste disposal system afterwards.



WARNING: Packaging materials are not toys! Children must not play with plastic bags! Danger of suffocation!

1x hedge trimmer attachment
1x chain saw attachment
1x trimmer / brush cutter attachment
1x spool
1x cutting blade
1x carrying harness
1x bar cover

1x blade cover
Protecting guard
Socket wrench
Hex spanner
1 x chain
1 x bar
Manual



If any parts are missing or damaged, please contact your dealer.

4 SYMBOLS

In this manual and/or on the machine the following symbols are used:

	Denotes risk of personal injury or damage to the tool.		Wearing of protective shoes advised.
	Read instructions carefully.		Wear gloves.
	Wear safety glasses and ear protection.		Watch out for thrown objects and ricochets
	Never operate the machine in the rain or in damp or wet condition. Moisture is a shock hazard.		Keep a minimum distance of 15m between the machine and third parties during use.
	"Class II - The machine is double insulated; Earthing wire is therefore not necessary (only for charger)		In accordance with essential requirements of the European directive(s).
	Do not expose charger and battery pack to water		Do not incinerate battery pack or charger
	Ambient temperature 40°C max. (only for battery)		Use battery and charger only in closed rooms
	Wear a mask In dusty conditions		

5 GENERAL POWER TOOL SAFETY WARNINGS



Read all safety warnings and all instructions. Failure to follow all warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

5.1 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.

5.2 Electrical safety

- Always check that the power supply corresponds to the voltage on the rating plate.
- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

5.3 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 dust mask, non-skid safety shoes, hard hat, or hearing protection used whenever conditions require will reduce personal injuries.
- Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key 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 these are connected and properly used. Use of these devices can reduce dust related hazards.

5.4 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.
- Disconnect the plug from the power source 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 sticking 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 stick 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 lead to a hazardous situation.

5.5 Service

- Have your power tool serviced by a qualified person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

6 ADDITIONAL SAFETY WARNINGS FOR BRUSH CUTTERS

6.1 Brush cutter /Trimmer

- Do not allow persons unfamiliar with the brush cutter/string trimmer or these instructions to operate the tool. Brush cutter and string trimmers are dangerous in the hands of untrained users.
- Be sure that anyone who is to operate the brush cutter/string trimmer has first read the instruction manual.
- Never allow people unfamiliar with these instruction, people(including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge to use the tool. Local regulations can restrict the age of the operator.
- Use the tool with the utmost care and attention.
- Operate the equipment only if you are in good physical condition. Perform all work calmly and carefully. Use common sense and keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- Never use the equipment after consumption of alcohol or drugs, or if feeling tired or ill.
- Avoid Unintentional Starting. Do not carry battery-installed equipment with finger on switch. Be sure switch is off when installing a battery cartridge.
- The motor is to be switched off immediately in case that the equipment shows any problem or abnormal sign.
- Switch off and remove the battery cartridge when resting and when leaving the equipment unattended, and place it in a safe location to prevent danger to others or damage to the equipment.

- Don't force the equipment. It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- Don't overreach. Keep proper footing and balance at all times.

6.2 Hedge trimmer



Caution! Notice overhead power lines.

- Use of the hedge trimmer should be avoided when people, especially children, are nearby.
- If the cutting unit contacts a foreign body or if the operating noises increase or the hedge trimmer vibrates with unusually high force, turn off the motor and let the hedge trimmer come to a standstill. Pull the mains plug or remove the battery and take the following measures:
 - check for damages;
 - check for loose parts and fasten all loose parts;
 - replace damaged parts with equivalent parts or have them repaired.
- Switch the appliance off and remove the mains plug or battery before:
 - cleaning or removing a blockage;
 - inspection, servicing or work on the hedge trimmer;
 - adjusting the working position of the cutting unit;
 - leaving the hedge trimmer unattended.
- Always ensure that the hedge trimmer is properly placed in one of the indicated working positions before the motor is started.
- Do not use the hedge trimmer with a defective or strongly worn-out cutting unit.
- To avoid the risk of fire, ensure that the motor is free from deposits and leaves.
- Always ensure that all handles and safety devices are mounted when you use the hedge trimmer. Never try to use an incomplete hedge trimmer or a hedge trimmer with impermissible modifications.
- Always use both hands when the hedge trimmer is equipped with two handles.
- Always familiarise with your surroundings and pay attention to potential dangers that you cannot hear because of the noise the hedge trimmer makes.
- Keep cable away from cutting area. During operation the cable may be hidden in shrubs and can be accidentally cut by the blade.
- Keep all parts of the body away from the cutter blade. Do not remove cut material or hold material to be cut when blades are moving. Make sure the switch is off when clearing jammed material. A moment of inattention while operating the hedge trimmer may result in serious personal injury.
- Children must never use the hedge trimmer.
- If the hedge trimmer is taken out of operation for purposes of maintenance, inspection or storage, turn off the motor, unplug the mains plug or remove the battery and make absolutely sure that all rotating parts have come to a standstill. Let the machine cool down before you check or adjust it, etc.
- Carry the hedge trimmer by the handle with the cutter blade stopped. When transporting or storing the hedge trimmer always fit the cutting device cover. Proper handling of the hedge trimmer will reduce possible personal injury from the cutter blades.

6.3 Chain saw

- DO NOT operate a chain saw with one hand! Serious injury to the operator, helpers, bystanders, or any combination of these persons may result from one-handed operation. A chain saw is intended for two-handed use.
- DO NOT operate a chain saw when you are fatigued, under the influence of drugs, alcohol or medication.

- Use safety footwear, snug-fitting clothing, protective gloves, and eye, hearing and head protection devices.
- DO NOT allow other persons to be near when starting or cutting with the chain saw. Keep bystanders and animals out of the work area.
- DO NOT start cutting until you have a clear work area, secure footing, and a planned retreat path from the falling tree.
- Keep all parts of your body away from the saw chain when the engine is running.
- Before you start the engine, make sure that the saw chain is not contacting anything.
- Carry the chain saw with the engine stopped, the guide bar and saw chain to the rear, and the muffler away from your body.
- DO NOT operate a chain saw that is damaged, improperly adjusted, or not completely and securely assembled. Be sure that the saw chain stops moving when the throttle control trigger is released.
- Shut off the engine before setting the chain saw down.
- Use extreme caution when cutting small size brush and saplings because slender material may catch the saw chain and be whipped toward you or pull you off balance.
- When cutting a limb that is under tension, be alert for spring back so that you will not be struck when the tension in the wood fibres is released.
- Keep the handles dry, clean, and free of oil or fuel mixture.
- Operate the chain saw only in well-ventilated areas.
- DO NOT operate a chain saw in a tree unless you have been specifically trained to do so.
- All chain saw service, other than the items listed in the user manual safety and maintenance instructions, should be performed by competent chain saw service personnel.
- When transporting your chain saw, use the appropriate guide bar scabbard.
- DO NOT operate your chain saw near or around flammable liquids or gases whether in or out of doors. An explosion and/or fire may result.
- USE THE RIGHT TOOL: Cut wood only. Do not use the chain saw for purposes for which it was not intended. For example, do not use the chain saw for cutting plastic, masonry, or non-building materials.
- The first time user should have practical instruction in the use of chainsaw and the protective equipment from an experienced operator.
- Do not attempt to hold the saw with one hand only. You cannot control reactive forces and you may lose control of the saw, which can result in the skating or bouncing of the bar and chain along the limb or log.
- Never run the chainsaw indoors. Your chainsaw produces poisonous exhaust as soon as the combustible engine is started, which may be colourless and odourless. To use this product can generate dust, mists and fumes containing chemicals known to cause reproductive harm. Be aware of harmful dust, mist (such as saw dust or oil mist from chain lubrication) and protect yourself properly.
- Wear gloves and keep your hand warm. Prolonged use of chainsaws exposing the operator to vibrations may produce whitefinger disease. In order to reduce the risk of whitefinger disease, please wear gloves and keep your hand warm. If any of the whitefinger symptoms appear, seek medical advice immediately.
- Drive in the spiked bumper of the chainsaw directly behind the intended hinge and pivot the saw around this point. The spiked bumper rolls against the trunk.
- Only chain, guide bar and spark plug can be replaced by the user himself. Always make sure you replace with correct material as stated in the specifications of the manual.

6.3.1 Kickback safety precautions

KICKBACK may occur when the NOSE or TIP of the guide bar touches an object, or when wood closes in and pinches the saw chain in the cut.

Tip contact in some cases may cause a lightning-fast reverse reaction, kicking the guide bar up and back toward the operator.

PINCHING the saw chain along the BOTTOM of the guide bar may PULL the saw forward away from the operator.

PINCHING the saw chain along the TOP of the guide bar may PUSH the guide bar rapidly back toward the operator.

Any of these reactions may cause you to lose control of the saw, which could result in serious personal injury.

- With a basic understanding of kickback, you can reduce or eliminate the element of surprise. Sudden surprise contributes to accidents.
- Keep a good firm grip on the saw with both hands, the right hand on the rear handle, and the left hand on the front handle, when the engine is running. Use a firm grip with thumbs and fingers encircling the chain saw handles. A firm grip will help you reduce kickback and maintain control of the saw. Don't let go.
- Make sure that the area in which you are cutting is free from obstructions. Do not let the nose of the guide bar contact a log, branch, or any other obstruction which could be hit while you are operating the saw.
- Cut at high engine speeds.
- Do not overreach or cut above shoulder height.
- Follow manufacturer's sharpening and maintenance instructions for the saw chain.
- Only use replacement bars and chains specified by the manufacturer or the equivalent.



NOTE: Low-kickback saw chain is chain that has met the kickback performance.



WARNING: Kickback can lead to dangerous loss of control of the chain saw and result in serious or fatal injury to the saw operator or to anyone standing close by. Always be alert. Rotational kickback and pinch-kickback are major chain saw operational dangers and the leading cause of most accidents.

6.4 Check before starting

- Always remove the battery to prevent the machine being started by accident. Always disconnect the battery before any maintenance on the machine.
- Before using the machine and after any impact, check for signs of wear or damage and repair as necessary.
- Inspect the working area. Remove all loose objects, such as stones, broken glass, nails, steel wire, string, etc. that could be thrown out or become wrapped around the cutter or cutter guard.
- The machine operator must ensure that no people or animals come closer than 15 meters while working. When several operators are working in the same area the safety distance should be at least 15 meters.
- Do an overall inspection of the machine before use, see maintenance schedule.

6.5 Personal safety

- The cutting tool does not stop immediately after the machine is turned off.
- The machine is only design for brush/trimmer . Do not use the Brush cutter/grass trimmer for any job except that for which it is intended.
- 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.
- This appliance is not intended for use by person (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- Never allow children or other persons not trained in the use of the machine and/or the battery to use or service it. Local laws may regulate the age of the user.
- Store the equipment in a lockable area so that it is out of reach of children and unauthorized persons.
- Keep hands and feet away from the cutting area at all times and especially when switching on the motor.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
- Never use the machine if you are tired, if you have drunk alcohol, or if you are taking medication that could affect your vision, your judgement or your co-ordination.
- Wear personal protective equipment. See instructions under the heading "Personal protective equipment".
- Turn off the machine when it has to be moved. Always remove the battery when passing the machine to another person.

6.6 Power tool use and care

- The only accessories you can operate with this product are the cutting attachment we recommend in the technical data chapter.
- Never use a machine that has been modified in any way from its original specification. Never use the machine near explosive or flammable materials.
- Never use a machine that is faulty. Carry out the safety checks, maintenance and service instructions described in this manual. Some maintenance and service measures must be carried out by trained and qualified specialists. See instructions under the heading Maintenance.
- Only use original spare parts.
- Always ensure that ventilation openings are kept clear of debris.
- All covers, guards and handles must be fitted before starting.
- Only use the machine in daylight or in other well-lit conditions.
- Never use the machine in bad weather, for instance in fog, in rain, damp or in wet locations, strong winds, intense cold, risk of lightning, etc. Extremely hot weather may cause overheating of the machine.

6.7 Always use common sense

It is not possible to cover every conceivable situation you can face. Always exercise care and use your common sense. Avoid all situations which you consider to be beyond your capability. If you still feel uncertain about operating procedures after reading these instructions, you should consult an expert before continuing.

7 ADDITIONAL SAFETY INSTRUCTIONS FOR BATTERIES AND CHARGERS



Use only batteries and chargers applicable for this machine.

7.1 Batteries

- Never attempt to open for any reason.
- Do not store in locations where the temperature may exceed 40 °C.
- Charge only at ambient temperatures between 4 °C and 40 °C.
- Store your batteries in a cool dry place (5 °C-20 °C). Never store batteries in discharged state.
- It is better for Li-ion batteries to discharge and reload them regularly (at least 4 times a year). The ideal charge for long-term storage of your Li-ion battery is 40% of capacity.
- When disposing of batteries, follow the instructions given in the section "Protecting the environment".
- Do not cause short circuits. If connection is made between the positive (+) and negative (-) terminal directly or via accidental contact with metallic objects, the battery is short circuited and an intense current will flow causing heat generation which may lead to casing rupture or fire.
- Do not heat. If batteries are heated to above 100 °C, sealing and insulating separators and other polymer components may be damaged resulting in electrolyte leakage and/or internal short circuiting leading to heat generation causing rupture or fire. Moreover do not dispose of the batteries in fire, explosion and/or intense burning may result.
- Under extreme conditions, battery leakage may occur. When you notice liquid on the battery, proceed as follows:
 - Carefully wipe the liquid off using a cloth. Avoid skin contact.
 - In case of skin or eye contact, follow the instructions below:
 - ✓ Immediately rinse with water. Neutralize with a mild acid such as lemon juice or vinegar.
 - ✓ In case of eye contact, rinse abundantly with clean water for at least 10 minutes. Consult a physician.



Fire hazard! Avoid short-circuiting the contacts of a detached battery. Do not incinerate the battery.

7.2 Chargers

- Never attempt to charge non-rechargeable batteries.
- Have defective cords replaced immediately.
- Do not expose to water.
- Do not open the charger.
- Do not probe the charger.
- The charger is intended for indoor use only.

8 CHARGING AND INSERTION OR REMOVAL OF BATTERY

8.1 Charger indications

Connect the charger to the power outlet socket

- Solid green: ready to charge
- Flickering red: charging
- Solid green: charged
- Solid green en red: battery or charger damaged



Note: if the battery does not fit properly, disconnect it and confirm that the battery pack is the correct model for this charger as shown on the specification chart. Do not charge any other battery pack or any battery pack that does not securely fit the charger.

1. Frequently monitor the charger and battery pack while connected
2. Unplug the charger and disconnect it from the battery pack when finished.
3. Allow the battery pack to cool completely before using it.
4. Store the charger and battery pack indoors, out of reach of children.



NOTE: If battery is hot after continuous use in the tool, allow it to cool down to room temperature before charging. This will extend the life of your batteries.

8.2 Removal / insertion of battery



WARNING: Before making any adjustments ensure the tool is switched off or remove the battery pack.

- Hold the tool with one hand and the battery pack (31) with the other.
- To install: push and slide battery pack into battery port, make sure the release latch on the rear side of the battery snaps into place and battery is secure before beginning operation.
- To remove: Press the battery release latch and pull the battery pack out at the same time.

8.3 Battery capacity indicator (fig. 1)

There are battery capacity indicators (34) on the battery pack, you can check the capacity status of the battery if you squeeze the button (35). Before using the machine, please press switch trigger to check if the battery is full enough for properly working.

Those 3 LED might show the status of the capacity level of the battery:

- 3 LED's are lit: Battery fully charged
- 2 LED's are lit: Battery 60% charged
- 1 LED is lit: Battery almost discharged

9 ASSEMBLY

9.1 Blade assembly (Fig.2)

Assembling small blade on protective cover with 2pcs ST4*16 screws

9.2 Shaft assembly (Fig. 3)

- Loosen the knob (8).
- Pull the lock (9) outward and turn it left or right as far as it goes.
- Slide the front tubular shaft onto the tubular shaft on the device housing.
- Pull the lock (9) outward and turn it back to its original position.
- Turn the front tubular shaft with a gentle rotating movement until the lock (9) clicks into place in the bore on the front tubular shaft.
- Fix the tubular shaft in place with the knob (8).

9.3 Installation protection guard (Fig. 4)

Fit the trimmer guard for use with the motor, then tighten 2 screws so that the guard assembly cannot move.

9.4 Installing the harness (Fig. 5)

- Adjust the harness hanger in a comfortable position
- Buckle the harness at the hanger

9.5 Mounting round handle (Fig. 6)

The round handle must be mounted with a spacing of at least 25 cm to the device handle!

The leg protection must always be mounted on the operator side!

- Place the round handle (11) onto the tubular shaft of the device housing (2). Choose a position within the levelled adjustment range marked on the bottom of the tubular shaft.
- Position the leg protection (12) onto the round handle (11) from below.
- Fix the round handle (11) and leg protection (12) with the knob (13), tightening it.

9.6 Mounting the chain saw (Fig. 7)

Pay attention to the correct rotation direction of the saw chain. This is indicated on the chain wheel cover (15) and above the bar bolt (20).

Tension the saw chain in accordance with the first 5-6 steps.

- Place the device on a level surface.
- Remove the chain wheel cover (15) by loosening the nut (16) with the mounting key (14).
- Lay out the new saw chain in a loop and straighten any kinks. The cutters should face in the direction of chain rotation. If they face backwards, turn the loop over.
- Place the sawing chain (17) into the blade groove. Position the chain so there is a loop at the back of the bar.
- Hold the chain in position on the bar and place the loop around the sprocket
- Place the blade bar (18) over the chain sprocket (19) and saw chain (17) onto the chain wheel (20).
- Pre-tension the saw chain (17) by turning the screw (21) in a clockwise direction with the mounting key (14).
- Put the chain wheel cover (15) back in position. Tighten the chain wheel cover nut (16).

9.7 Replace the metal blade to spool

CAUTION: NEVER use unit if blade is warped or has teeth that are chipped or missing. Replace a damaged blade immediately.



CAUTION: Always wear heavy-duty work gloves when handling and installing a blade.

9.7.1 Metal blade (Fig. 8)

- Turn the tool upside down so that you can replace the cutter blade (2) easily.

- To dismount the cutter blade (2), insert the hex wrench through the hole of the machine body under the cutter blade and into the receive washer (1). rotate the cutter blade (1) until it is locked with the hex wrench. Loosen the hex nut (5) (left-hand thread) with the hex socket wrench and remove the nut (5), cup (4), clamp washer (3) and hex wrench.
- Mount the cutter blade (2) onto the shaft so that the guide of the receive washer fits in the arbor hole in the cutter blade. Install the clamp washer (3), cup (4), and secure the cutter blade (2) with the hex nut (5) holding the receive washer (1) with hex wrench. Then tighten the one nut by clockwise rotate.

9.7.2 Spool (Fig. 9 – 10)

- Hold the trimmer head, insert the hex wrench through the hole on the receive washer.
- Screw the spool anticlockwise onto the shaft and tighten



If the line is too long when you use the equipment for the first time, the surplus end of it will be cut by the blade on the guard hood.

10 OPERATION

10.1 Chain lubrication

- The blade bar and saw chain must never be operated without oil. If the pole-mounted pruner is used with too little oil, the cutting performance and lifespan of the saw chain will decrease as the saw chain will become blunt more quickly. You can identify when there is too little oil if smoke develops or the blade bar changes colour. The oil flows to the blade bar as soon as the motor starts working.

10.1.1 Filling with chain oil:

- Check the oil level indicator on the oil tank (24) regularly and top-up the oil if the minimum mark „MIN“ (26) is reached on the oil level indicator. The oil tank holds about 100 ml of oil.
- Empty the oil tank if it will not be used for a prolonged period of time (6-8 weeks).

10.2 Swivelling out the Hedge trimmer (Fig. 11)

The hedge trimmer bar must be checked regularly for wear and reground. A blunt blade bar causes the device to overload. Any damage that results is not covered by the warranty.

- 1. Hold the safety blade beam on the handle to adjust the blade beam (29).
- 2. Unlock the safety lever (30) and keep it pressed.
- 3. By simultaneously exerting pressure on the lock lever (28), you will loosen the fixation of the cutter bar.
- The safety blade beam can now be swivelled out. Use the stop stages and allow the stop lever to click back in. You can choose 12 stop stages.
- 5. Then, release the safety lever (30) again and ensure that it latches back into its initial position.

10.3 Pivoting the chain saw

- 1. Pull the lock (27) outward and turn it 90°.
- 2. Hold the pole-mounted pruner at the protective transport and turn it to the desired position. There are five possible positions.
- 3. Fix the pole-mounted pruner by pulling the lock (27) outward and turning it 90° back to the original position.

10.4 Starting the machine

- To start the equipment, press the main switch than depress the safety switch and pull the switch trigger. Release the switch trigger to stop.

10.5 Stopping the machine

- To switch the appliance off, release the switch trigger.

10.6 Working with the hedge trimmer

While cutting, make sure that you do not touch any objects, such as wire fences or plant supports. This can cause damage to the cutter bar.

- To avoid eye injuries, always wear safety goggles while working with the hedge trimmer.
- Always hold the device tightly with both hands, with one hand on the rear handle and the other hand on the front round handle (A6). Your thumb and fingers must tightly clasp the handles.
- Check the carrying harness (A 51B) for comfortable positioning which facilitates holding the hedge trimmer.
- If the blades become jammed with solid objects, switch the device off immediately, pull the mains plug, and remove the object.
- Avoid over-stressing the device while working.

10.7 Working with the chain saw

If the saw chain gets stuck, do not attempt to pull out the pruner with force. There is a risk of injury. Turn the motor off and use a lever arm or wedge to release the pruner.

- You will have better control over the device if you saw using the lower edge of the blade bar (saw chain in pulling direction) and not using the upper edge of the blade bar (saw chain in pushing direction).
- The saw chain must not touch the ground or any object while sawing through the material or thereafter.
- Ensure that the saw chain does not get stuck while sawing. The log must not break or splinter.
- Please also observe the precautionary measures to protect against kickback (see the safety information).
- Remove branches hanging downwards by sawing from the top of the branch.
- Twisted branches must be individually cut down to size.

10.8 Working using the thread spool

- In small grass areas hold the device at an angle of about 30° and swing the cutting head evenly to the right and left with a semi-circular movement.
- The best results are obtained with a maximum grass length of 15 cm. If the grass is taller, it is recommended to mow several times.
- To cut around trees, fence posts or other obstacles, slowly move the device around the obstacle and cut with the thread ends.
- Avoid any contact with fixed obstacles (rocks, walls, picket fences, etc.). The thread would wear out quickly. Use the edge of the protective cover to keep the device at the correct distance.



Attention! Do not lay the cutting head on the ground during operation!

10.9 Working with the 3-tooth blade



Always wear the harness and suitable protection clothing when working with the device. Wear eye, hearing and head protection. Ensure that the blade is installed correctly. Replace damaged or blunt tool parts. There is a risk of injury.

- Only use the blade to work on open, even areas. Carefully inspect the area to be cut and remove all foreign bodies. Avoid hitting stones, metal or other obstacles. The blade can be damaged and there is a risk of kickback by the machine.
- When working, hold the cutter above the ground and slowly swivel the device back and forth like a scythe in an equal arch.
- Do not hold the cutting head at an angle.
- Do not use the device to cut wild growth or brushwood.
- Regularly check the blades for damage and replace as needed.

10.10 Trimming procedures

When properly equipped with a debris shield and stringhead, your unit will trim unsightly weeds and tall grass in those hard-to-reach areas - along fences, walls, foundations and around trees. It can also be used for scalping to remove vegetation down to the ground for easier preparation of a garden or to clean out a particular area.



NOTE: Even if you are careful, trimming around foundations, brick or stone walls, curves, etc., will result in above-normal string wear. To renew the wire, press the lower spool knob against the ground with rotating trimmer.

10.10.1 Trimming / mowing

Swing trimmer with a sickle-like motion from side to side. Do not tilt the stringhead during the procedure. Test area to be trimmed for proper cutting height. Keep stringhead at same level for even depth of cut.

10.10.2 Closer trimming

Position trimmer straight ahead with a slight tilt so bottom of stringhead is above ground level and string contact occurs at proper cutting point. Always cut away from operator. Do not pull trimmer in towards operator.

10.10.3 Fence / foundation trimming

Approach trimming around chain link fences, picket fences, rock walls and foundations slowly to cut close without whipping string against the barrier. If the string comes in contact with rock, brick walls, or foundations, it will break or fray. If string hits fencing, it will snap off.

10.10.4 Trimming around trees

Trim around tree trunks slowly so string does not contact bark. Walk around the tree trimming from left to right. Approach grass or weeds with the tip of the string and tilt stringhead slightly forward

10.10.5 Scalping



WARNING: Use extreme caution when SCALPING. Keep a distance of 30 meters (100 feet) between operator, other people and animals during these operations.

Scalping refers to removal of all vegetation down to the ground. To do this, tilt the stringhead to about a 30 degree angle to the right. By adjusting the handle you will have better control

during this operation. Do not attempt this procedure if there is any chance that flying debris could injure the operator, other people, or cause damage to property

10.10.6 Do not sweep with trimmer

Sweeping refers to tilting stringhead to sweep away debris from walkways, etc. Your trimmer is a powerful tool and small stones or other such debris may be hurled 50 feet (15 metres) or more, causing injury or damage to nearby property such as automobiles, homes and windows.

10.11 *Cutting with blades*

AVOID KICKOUT

Kickout refers to the reaction of a moving blade if it contacts a strong tree, brush or a solid object. The force that results violently pushes the blade away in an arc. Kickout may cause loss of control resulting in injury to the operator or bystanders.

Do not use a blade near a chain link fence, metal stakes, landscape borders or building foundations.



Do not cut with dull, cracked or damaged metal blade. Before cutting growth, inspect for obstructions such as boulders, metal stakes or strands of wire from broken fences. If an obstruction can not be removed, mark its location so that you can avoid it with the blade. Rocks and metal will dull or damage a blade. Wire can catch on the blade head and flap around or be thrown into the air.



Do not use a brush cutter for cutting trees.

10.12 *Cutting techniques using the hedge trimmer*

- Cut thick branches beforehand using a branch clippers.
- The double-sided cutter bar enables cutting in both directions or, with a swinging action, from one side to the other.
- In case of vertical cutting, move the hedge trimmer uniformly forward or up and down in an arc movement.
- In case of horizontal cutting, move the hedge trimmer in a sickle-shaped movement to the edge of the hedge, so that cut branches fall to the ground.
- In order to achieve long straight lines, the placing of tensioned guiding cords is recommended.

10.12.1 Cutting Shaped Hedges:

It is recommended that hedges be cut in a trapezoidal shape, in order to prevent stripping off of the lower branches. This corresponds to the natural plant growth and allows the hedge to thrive optimally. During cutting, only the new annual growths are reduced and thus a dense branching and a good screen will develop.

- Cut the sides of a hedge first. To do this, move the hedge trimmer in the direction of growth from bottom to top. If you cut down from the top, the thinner branches will move out, which may result in some areas having sparse growth or holes.
- Cut the top edge, according to taste, in a flat shape, roof shape or rounded shape
- Trim young plants to the required shape. The main growth should remain undamaged until the hedge has reached the planned height. All other shoots are lopped off to half size.
- Care of Free-Growing Hedges:
- Free-growing hedges are not shaped when cut, although they must be regularly maintained so the hedge does not become too high.

10.13 *Cutting techniques using chain saw*

- Be aware of the risk of kickback as well as falling branches and branches on the ground.

10.13.1 Sawing off small branches:

- Place the locating surface of the saw against the branch in order to prevent jerky movements of the saw when you begin to cut it. Guide the saw with light pressure from the top to the bottom through the branch. Watch out for premature breakage of the branch if you have misjudged the size and weight.

10.13.2 Sawing off larger branches:

- In the case of larger branches, select a relief cut first of all to ensure that the sawing process is controlled. To do this, saw an incision into the bottom third of the branch (with the upper side of the blade). Then saw from top to bottom towards the first cut (with the underside of the blade)

10.13.3 Sawing in sections:

Saw off large or long branches in sections so that you have control over the place where the branch section lands.

- Saw the lower branches of the tree off first in order to make it easier for the branches that have been cut off to fall to the ground.
- After the cut is completed, the weight of the saw increases abruptly for the operator, as the saw is no longer supported on the branch. There is a danger that you will lose control of the device.
- You should only pull the saw out of the cut with the saw chain running in order to avoid jamming.
- Do not saw with the tip of the cutting equipment.
- Do not saw the bulge at the base of the branch because this will prevent the tree from healing.

11 CLEANING AND MAINTENANCE

Your tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

- Regularly clean the ventilation slot in your tool using a soft brush or dry cloth.
- Regularly clean the cutting line and spool using a soft brush or dry cloth.
- Regularly use a blunt scraper to remove grass and dirt from the underneath of the guard.

11.1 *Cleaning the chain saw*

The chain saw must be cleaned of saw dust at regular intervals.

- Remove the sprocket cover.
- Remove the saw chain (17) from the bar (18) and clean the guide rail.
- Keep the saw chain (17) sharp and check the tension, check the oil level and the oil supply.

11.2 *Cleaning the hedge trimmer*

- Check the hedge trimmer for loose screws on the cutter bar and tighten these if necessary.
- Remove stuck cuttings.
- Maintain the cutter bar using an oil spray or an oil can.

11.3 *Cleaning the trimmer and brush cutter attachment*

- Remove stuck cuttings.
- Keep the cutting blade (1) sharp to facilitate your work.

12 TECHNICAL DATA

Type	POWDPG7553
Voltage	40V
Engine type	Brushless
Shaft Ø	26 mm
Shaft type	STRAIGHT
Low vibration system	Yes
Handle type	D-HANDLE
Hedge trimmer	
Cutting width	22 mm
Blade nose type	Protective
Cutting length	410 mm
Double action blade	Yes
Quick stop	Yes
Chain saw	
Cutting length	175 mm
Chain speed	7 m/s
Chain type	Oregon
Bar type	Oregon
Automatic chain oiler	Yes
Brush cutter	
Cutting width	255 mm
Rotation speed	7000 min ⁻¹
Number of teeth	3T
Blade dimensions	255 mm
Safety guard	Yes
Trimmer	
Cutting width	320 mm
Rotation speed	7000 min ⁻¹
thread lengthening type	TAP&GO
Spool Ø	2.0 mm
Spool length	5 m
Safety guard	Yes

13 NOISE

Noise emission values measured according to relevant standard. (K=3)

Acoustic pressure level L_{pA} 101 dB(A)

Acoustic power level L_{wA} 94 dB(A)



ATTENTION! Wear hearing protection when sound pressure is over 85 dB(A).

aw (Vibration)

4,3 m/s²

K = 1,5 m/s²

14 MAINTENANCE INTERVALS

14.1 Chain saw

The figures given here are based on normal operating conditions. In the event of more difficult conditions, such as strong dust generation and longer daily operating hours, the given intervals are to be reduced correspondingly.

Appliance part	Action	Before starting work	After 10hours of use
Complete machine	Check condition, replace damaged parts as needed	X	
Accessible screws and nuts	Tighten	X	
Chain wheel	Check, replace as needed	X	
Saw chain	Check, apply oil, reground or replace	X	
Blade bar	Check, rotate, clean, apply oil	X	X
Cutter head	Check correct installation	X	
Gears	Lubrication		X

14.2 Hedge trimmer

The figures given are based on normal operating conditions. In the event of more difficult conditions, such as strong dust generation and longer daily operating hours, the given intervals are to be reduced correspondingly.

15 WARRANTY

- This product is warranted for a 36-month period effective from the date of purchase by the first user.
- This warranty covers all material or production flaws excluding : batteries, chargers, defective parts subject to normal wear & tear such as bearings, brushes, cables, and plugs, or accessories such as drills, drill bits, saw blades, etc. ; damage or defects resulting from maltreatment, accidents or alterations; nor the cost of transportation.
- Damage and/or defects resulting from inappropriate use also do not fall under the warranty provisions.
- We also disclaim all liability for any bodily injury resulting from inappropriate use of the tool.
- Repairs may only be carried out by an authorised customer service centre for Powerplus tools.
- You can always obtain more information at the number 00 32 3 292 92 90.
- Any transportation costs shall always be borne by the customer, unless agreed otherwise in writing.
- At the same time, no claim can be made on the warranty if the damage of the device is the result of negligent maintenance or overload.
- Definitely excluded from the warranty is damage resulting from fluid permeation, excessive dust penetration, intentional damage (on purpose or by gross carelessness), inappropriate usage (use for purposes for which the device is not suitable), incompetent usage (e.g. not following the instructions given in the manual), inexpert assembly, lightning strike, erroneous net voltage. This list is not exhaustive.
- Acceptance of claims under warranty can never lead to the prolongation of the warranty period nor commencement of a new warranty period in case of a device replacement.
- Devices or parts which are replaced under the warranty therefore remain the property of Varo NV.
- We reserve the right to reject a claim whenever the purchase cannot be verified or when it is clear that the product has not been properly maintained. (Clean ventilation slots, carbon brushes serviced regularly, etc.).
- Your purchase receipt must be kept as proof of date of purchase.
- Your appliance must be returned undismantled to your dealer in an acceptably clean state, (in its original blow-moulded case if applicable to the unit), accompanied by proof of purchase.
- Your tool must be charged at least 1x per month to ensure optimal operation of this tool.

16 ENVIRONMENT



Should your appliance need replacement after extended use, do not dispose of it with the household refuse, but in an environmentally safe way.

Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where recycle facilities exist. Check with your Local Authority or retailer for recycling advice.

17 DECLARATION OF CONFORMITY

VARO N.V. - Vic. Van Rompuy N.V. Joseph Van Instraat 9 - BE2500 Lier - BELGIUM,
declares that,

Product: BRUSH CUTTER
Trade mark: POWERplus
Model: POWDPG7553

is in conformity with the essential requirements and other relevant provisions of the applicable European Directives, based on the application of European harmonized standards. Any unauthorized modification of the apparatus voids this declaration.

European Directives (including, if applicable, their amendments up to the date of signature);

2011/65/EU
2006/42/EC
2014/30/EU
2000/14/EC

Annex VI	LwA (Lawn trimmer)
Measured	92 dB(A)
Guaranteed	94 dB(A)
Notified Body	TÜV SÜD – DE

Annex V	LwA (Hedge trimmer – Pruner – Brush Cutter)
Measured	101 dB(A)
Guaranteed	106 dB(A)

European harmonized standards (including, if applicable, their amendments up to the date of signature);

EN60745-1 : 2009
EN60335-1 : 2010
EN50636-2-91 : 2014
EN ISO11680-1 : 2011*
EN ISO10517 : 2019*
EN ISO11806-1 : 2011*
EN55014-1 : 2017
EN55014-2 : 2015

Keeper of the Technical Documentation: Philippe Vankerkhove, VARO – Vic. Van Rompuy N.V.

The undersigned acts on behalf of the company CEO,

Ludo Mertens
Regulatory Affairs – Compliance Manager
15/05/2020, Lier - Belgium