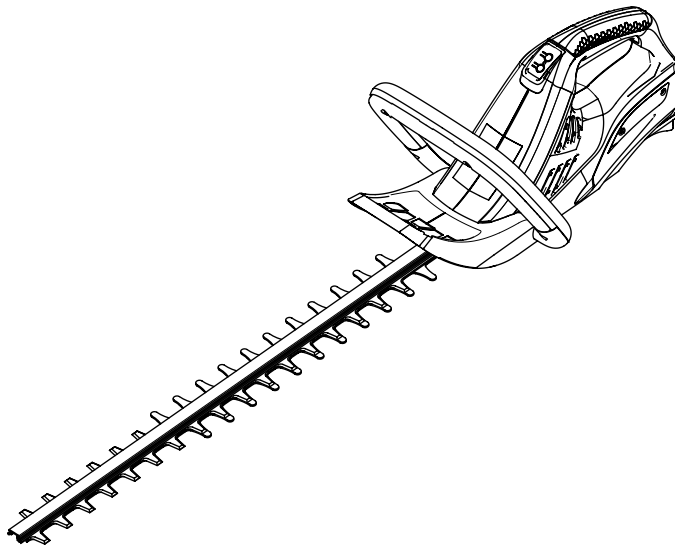


40V Lithium Hedge Trimmer
Instruction Manual

LB4030001S

LawnMaster[®]

LITHIUM



Important!

It is essential that you read the instructions in this manual before operating this machine.

All notes and images are subject to technical modification.

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READ FIRST BEFORE USE!

LawnMaster Lithium Battery Instructions

1. Battery must be fully charged before initial use.
2. Never let the battery discharge below two bars on the battery indicator light- discharging below two bars may cause damage to the battery.
3. Do not continue use if machine stops - fully recharge battery first if below two bar indicator. If above the two bar minimum assess the tool for potential obstructions.
4. We recommend to fully recharge the battery immediately after every use. Allow the battery to cool for at least 15 minutes before recharging.
5. Do not store for a long period without fully recharging battery.
6. Check battery temperature . If above 38°C let battery rest and cool.

Lithium batteries do not need to be fully discharged before recharging.

INTENDED USE

This hedge trimmer is intended for cutting and trimming hedges and bushes in domestic use. It is not intended to be used for cutting above shoulder level.

General Power Tool Safety Warnings

WARNING Read all safety warnings and all instructions. Failure to follow the 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.

1) Work area safety

- a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- b) 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.
- c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2) Electrical safety

- a) 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.
- b) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

3) Personal safety

- a) 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.
- b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

- d) 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.
- e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- f) 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.
- g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

4) Power tool use and care

- a) 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.
- b) 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.
- c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) 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.
- e) 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.
- f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5) Battery tool use and care

- a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

6) Service

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

7) Hedge Trimmer Safety Warnings

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.

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.

Hold the power tool by insulated gripping surfaces only, because the cutter blade may contact hidden wiring. Cutter blades contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

Check the hedge for foreign objects, e.g. wire fences.

Use both hands when operating the hedge trimmer. Using one hand could cause loss of control and result in serious personal injury.

Inserting the battery pack

For complete charging instructions, refer to the Operator's Manuals for your TPT battery pack and charger models.

NOTE: To avoid serious personal injury, always remove the battery pack and keep hands clear of the lock-out button when carrying or transporting the tool.

Inserting the battery pack

Place the battery pack in the hedge trimmer. Align the groove on battery pack with the raised ribs in hedge trimmer.

Make sure the latch on the tool snaps in place of battery slot and that battery pack is secured in hedge trimmer before beginning operation.

Removing the battery pack

Pull the battery latch to the battery side and pull out the battery along the raised slide ribs from the hedge trimmer.

Remove battery pack from the hedge trimmer.

When placing battery pack in your hedge trimmer, be sure groove on battery pack aligns with raised ribs in hedge trimmer and latch snaps in place properly. Improper assembly of battery pack can cause damage to internal components.

Removing the blade cover

Remove the blade cover.

For added safety, there is a micro switch in the front handle. When operating, hold the trimmer with both hands, one hand squeeze the trigger, and the other hand to squeeze the front handle.

STOPPING THE HEDGE TRIMMER

Release the trigger to stop the hedge trimmer.
Remove battery pack from the hedge trimmer.

OPERATING TIPS

Do not force the hedge trimmer through heavy shrubbery. This can cause the blades to bind and slow down. If the blades slow down, reduce the pace.

Do not try to cut stems or twigs that are larger than 20mm thick, or those obviously too large to feed into the cutting blade. Use a non-powered hand saw or pruning saw to trim large stems. If desired, you can use a string to help cut your hedge level. Decide how high you want the hedge. Then stretch a piece of string along the hedge at this height. Trim the hedge just above this guide line of string. Trim the side of a hedge so that it will be slightly narrower at the top.

More of the edge will be exposed when shaped this way, and it will be more uniform. If blades do become jammed, stop the motor, allow the blades to stop and remove the battery pack before attempting to remove the obstruction.

Wear gloves when trimming thorny or prickly growth. When trimming new growth, use a wide sweeping action, so that the stems are fed directly into the cutting blade. Older growth will have thicker stems and will be trimmed easiest by using a sawing movement.

DANGER

IF blade jams on any electrical cord or line **DO NOT TOUCH THE BLADE!**
IT CAN BECOME ELECTRICALLY LIVE AND VERY DANGEROUS.

Continue to hold the hedge trimmer by the insulated rear handle or lay it down and away from you in a safe manner. Disconnect the electrical service to the damaged line or cord before attempting to free the blade from the line or cord. Failure to follow this warning will result in serious personal injury or possible death.



WARNING

Clear the area to be cut before each use. Remove all objects such as cords, lights, wire, or string which can become entangled in the cutting blade and create a risk of serious personal injury.



WARNING

Avoid using solvents when cleaning plastic parts. Most plastics are tend to damage from various types of solvents and may be damaged by their use. Use a clean cloth to remove dirt, oil, grease, etc.

When servicing use only identical TPT replacement parts. Use of any other parts can create a hazard or cause product damage.

CAUTION

Do not at any time let brake fluids, gasoline, petroleum based products, penetrating oils, etc., come in contact with plastic parts. They contain chemicals that may damage, weaken, or destroy plastics.

BLADE MAINTENANCE



WARNING

Battery units do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. To prevent serious personal injury, always remove the battery and take extra precautions and care when performing maintenance, service or for changing the cutting blade.



WARNING

To prevent serious personal injury, remove the battery pack before servicing, cleaning, or removing material from the unit.

BLADE CARE

Lubricate the cutting blades after each use.

Periodically inspect the blades for damage and wear.

Always use the manufacturer's specified replacement blades.

TO LUBRICATE BLADE

For easier operation and longer blade life, lubricate the hedge trimmer blade before and after each use. Before lubricating, remove the battery pack and lay hedge trimmer on a flat surface. Apply light weight machine oil along the edge of the top blade.

Occasionally, you should oil your hedge trimmer during prolonged use. Before oiling, stop hedge trimmer, remove battery pack, then oil. You then can resume trimming. Do not oil while hedge trimmer is running.

SHARPENING BLADE

Allow the blades of the hedge trimmer to come to a stop in the position. This will allow clearance for the file between cutter teeth and guard teeth.



WARNING

Remove battery pack from hedge trimmer.

Clamp blade assembly in a vice and file the exposed cutting surface of each blade tooth with a 203 mm (8 inch) smooth round file, 6.4 mm (1/4inch) or 5.6mm (7/32 inch) diameter.

Be sure to retain the original angle of tooth when filing.

Remove the hedge trimmer from the vice, replace battery pack and restart the hedge trimmer.

Allow the blades of the hedge trimmer to come to a stop so that the unsharpened edges of the cutter blade teeth are exposed.

Remove battery pack from hedge trimmer and repeat the sharpening procedure as described above.

HEDGE TRIMMER LUBRICATION

All of the bearings in this tool are lubricated with a sufficient amount of high-grade lubricant for the life of the unit under normal operating procedures. Therefore, no further lubrication is required.



WARNING

Do not attempt to modify this unit or create or mount any accessory not specifically recommended in this manual for use with this hedge trimmer. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.



WARNING

Examine hedge trimmer frequently to assure all parts are unbroken and securely attached. Make sure all screws and fasteners are securely tightened to prevent the risk of serious personal injury.

CLEANING THE HEDGE TRIMMER



WARNING

To prevent serious personal injury, remove the battery pack before servicing, cleaning, or removing material from the unit.

Remove the battery pack.

Clean the unit using a damp cloth with a mild detergent.

Do not use any strong detergents on the plastic housing or the handle.

They can be damaged by certain aromatic oils such as pine and lemon, and by solvents such as kerosene.

Moisture can cause a shock hazard. Wipe off any moisture with a soft dry cloth.

Use a small brush or the air discharge of a small vacuum cleaner brush to clean the air vents on the battery pack housing and motor housing. Keep the air vents free of obstructions.

STORING THE HEDGE TRIMMER

Clean the hedge trimmer thoroughly before storing. Store the hedge trimmer in a dry, well-ventilated place that is inaccessible to children. Keep away from corrosive agents such as garden chemicals.

Always place blade cover on cutting blades before storing.

Store and charge your batteries below in a cool area. Temperatures above or below normal room temperature will shorten battery pack life.

Never store batteries in a discharged condition. Wait for battery pack to cool and fully charge immediately.

All batteries gradually lose their charge. The higher the temperature, the quicker they lose their charge. If you store your unit for long periods of time without using it, recharge the batteries every month or two. This practice will prolong battery pack life.

DISPOSAL



Separate collection. This product must not be disposed of with normal household waste. Please recycle where possible.



Separate collection of used products and packaging allows materials to be recycled and used again.

Re-use of recycled materials helps prevent environmental pollution and reduces the demand for raw materials.

Batteries



Li-ion

At the end of their useful life, discard batteries with due care. The battery contains material which is hazardous to you and the environment. It must be removed and disposed of separately at a facility that accepts lithium-ion batteries.

GUARANTEE

This product has a 3 year guarantee. This guarantee is only valid if the product has not been used correctly and all the instructions have been followed.

In order to prove guarantee a receipt must be presented. The product has to be complete and have all its parts.

The guarantee does not cover wear, lack of maintenance, negligence, incorrect assembly and inappropriate usage (blows, disrespect to power supply, storage, using conditions, etc).

It is also void when non original accessories or parts, have been used on the product.

PRODUCT SPECIFICATIONS

Model	LB4040001S
Rated voltage	40V
No-load speed	1500 min ⁻¹
Stroke rate at no load	3000spm
Blade length	600 mm
Cutting capacity	27 mm
Vibration level	
Vibration total	<2.5 m/s ² value
Uncertainty of	1.5 m/s ² measurement
Noise emission level	
A-weighted sound pressure level	90dB(A)
Uncertainty of measurement	3 dB
A-weighted sound power level	104dB(A)
Uncertainty of measurement	3 dB
Weight without battery pack	3.20Kg

BATTERY & CHARGER (NOT INCLUDED)

Battery pack	LB40B
Battery & Charger Kit	LB40BCKT

VIBRATION LEVEL

WARNING

The declared vibration value has been measured with a standard test method and may be used to compare one tool with another.

The declared vibration value may be used in preliminary assessment of exposure. The vibration emission during actual use of power can differ from the declared total value depending on the ways in which the tool is used.

Identify safety measures to protect yourself based on an estimation of exposure in the actual conditions of use, taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time.

SYMBOLS ON THE PRODUCT



Safety alert



Please read the instructions carefully before starting the machine.



Wear ear protection.



Wear eye protection.



Always hold the hedge trimmer with both hands when operating.



Wear non-slip, heavy duty gloves.



To prevent serious injury, do not touch cutting blades.



Do not expose to rain or damp condition.

The following signal words and meanings are intended to explain the levels of risk associated with this product:



DANGER

Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.



Beware of thrown or flying objects. Keep all bystanders, especially children and pets, at least 15m away from the operating area.



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



Conforms to all regulatory standards in the country in the EU where the product is purchased.



The guaranteed sound power level is shown on this label by 104dB



WARNING

Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.



CAUTION

Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.

CAUTION

(Without Safety Alert Symbol)
Indicates a situation that may result in property damage.

SYMBOLS IN THIS MANUAL



Parts or accessories sold separately



Note



Warning

THE PRODUCT

- 1: REAR HANDLE
- 2: TRIGGER
- 3: TWO SPEED BUTTON
- 4: FRONT HANDLE
- 5: FRONT HANDLE TRIGGER
- 6: GUARD
- 7: BLADE
- 8: SCABBARD

