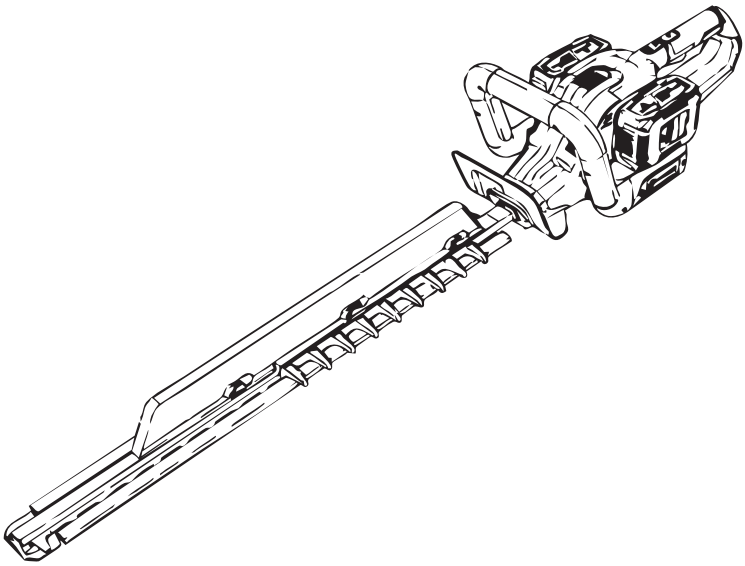
BBT AUSTRALIA

40V Brushless Cordless Hedge Trimmer



OWNER'S MANUAL

RLHT40D

IMPORTANT: Please make sure that the person who is to use this equipment carefully reads and understands these instructions before operating.

Save this manual for future use

Thank you for choosing our equipment. It was carefully engineered to provide excellent performance when properly operated and maintained.

Please read this entire manual before operating the equipment. It instructs you on how to set up, operate, and maintain your equipment safely and easily. Ensure that you and any other persons operating the equipment carefully follow the recommended safety practices at all times, as failure to do so could result in personal injury or property damage.

All information in this manual is relevant to the most recent product information available at the time of printing. Review this manual frequently to familiarise yourself with the equipment, its features, and operation. Please note that this Owner's Manual may cover a range of product specifications for various models. Characteristics and features discussed and/or illustrated in this manual may not be applicable to all models. We reserve the right to change product specifications, designs, and equipment without notice and without incurring obligation.

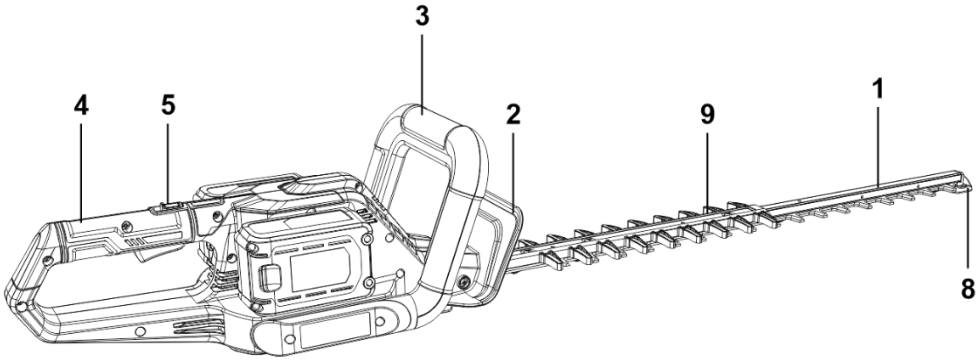
Customer Support

Before initiating a product return, kindly reach out to our dedicated Customer Support Department at BBT Australia. We are here to assist you.

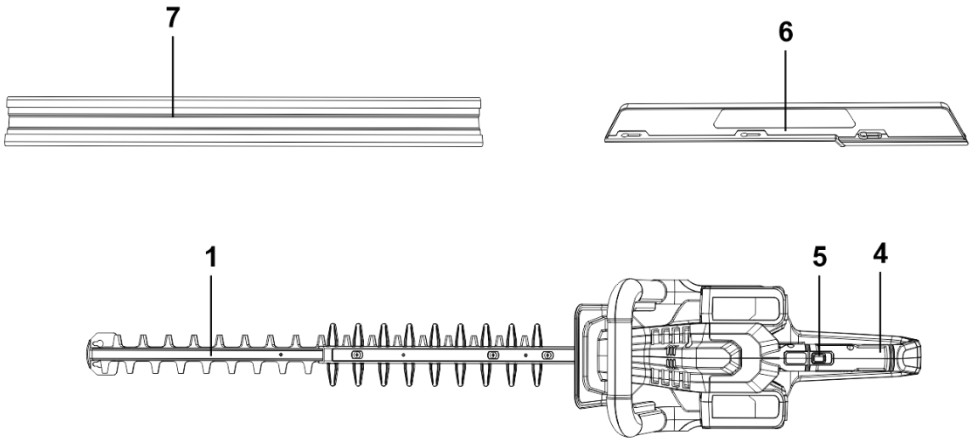
Phone: 02 4257 4787
Email: bbt@bbta.com.au
Warehouse: Unit 2/3 Delta Place, Albion Park Rail NSW 2527

If you have difficulty assembling the product or have any questions about the controls, operations, or maintenance of the equipment, please don't hesitate to get in touch with our Customer Support Department.

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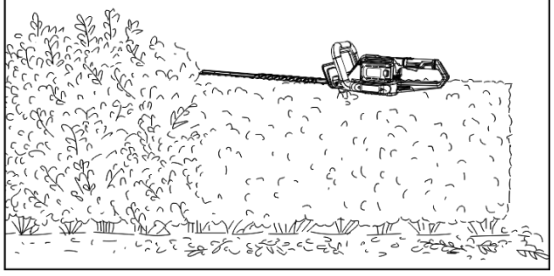
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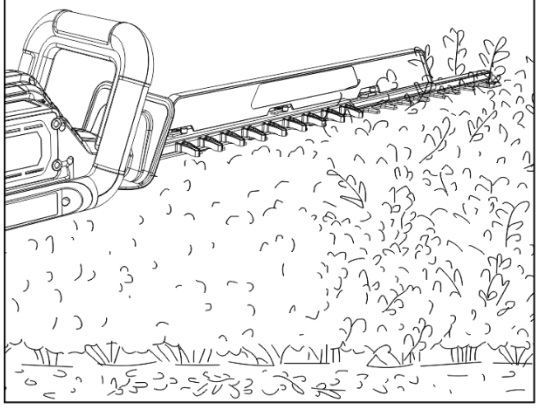
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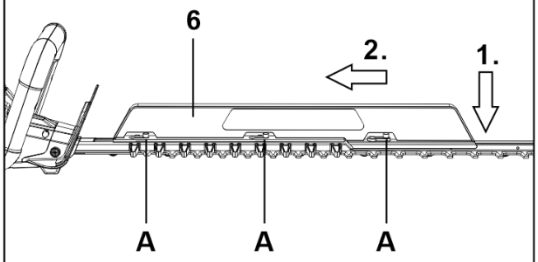
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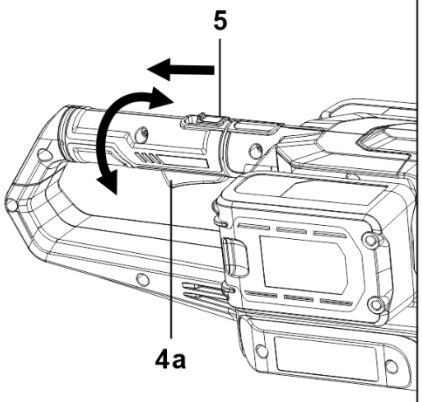
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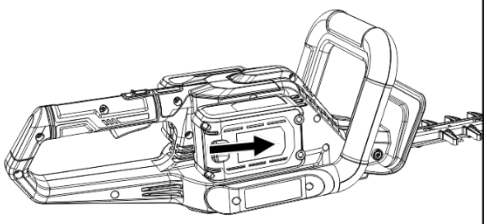
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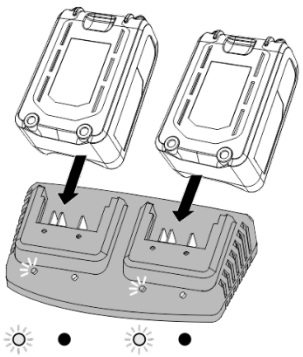
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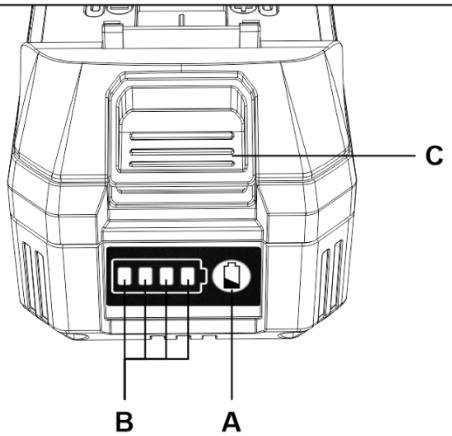
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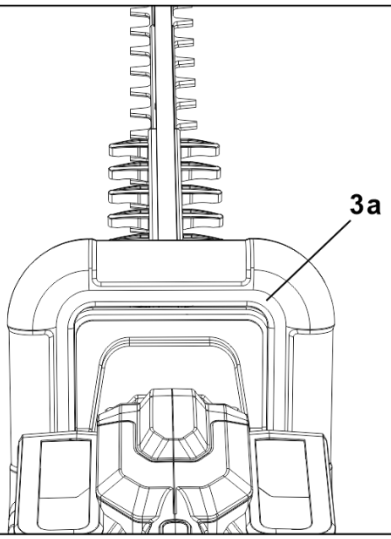
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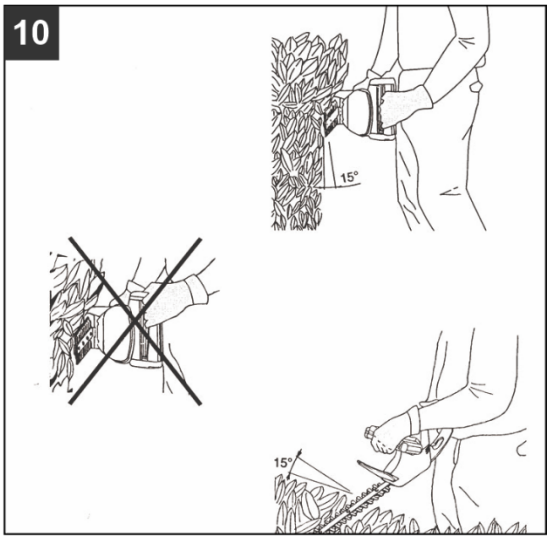
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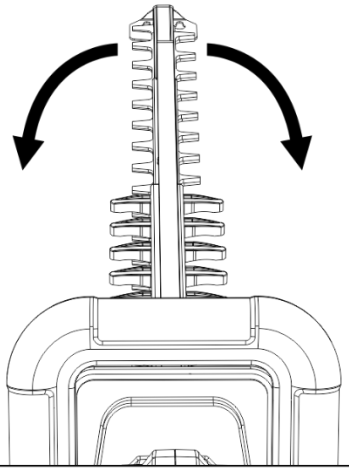
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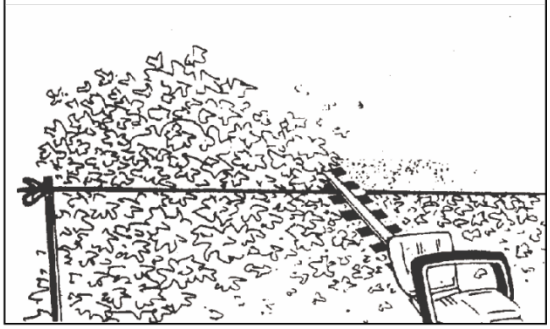
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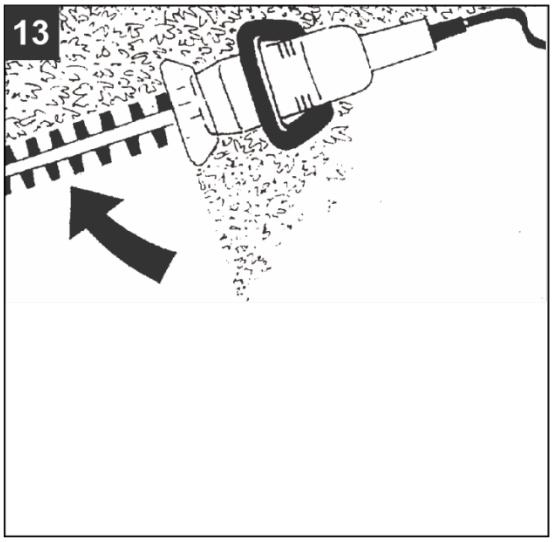
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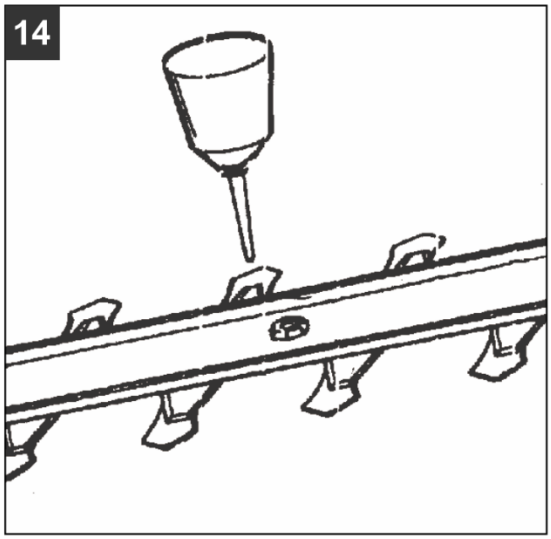
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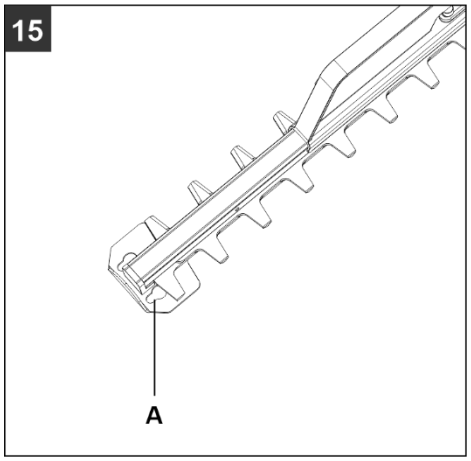
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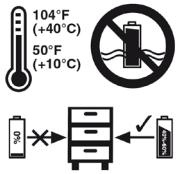
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Danger! - Read the operating instructions to reduce the risk of injury



Store the batteries only in dry rooms with an ambient temperature of 50°F to 104°F (+10°C to +40°C).
Place only fully charged batteries in storage (charged at least 40%).

Children are not allowed to use this equipment. Children should be supervised so that they do not play with the equipment. Children are not allowed to carry out cleaning or maintenance. This equipment is not allowed to be used by people with limited physical, sensory or mental capacities or by those with insuffi cient knowledge or experience unless they are supervised or instructed by a person who is responsible for them.

Danger!
When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating instructions and safety regulations with due care.
Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, hand over these operating instructions and safety regulations as well. We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety instructions.

Explanation of the symbols used (see Fig. 3)
1. Warning
2. Protect against moisture.
3. Read the instruction manual before starting.
4. Wear eye protection and ear plugs.

1. Safety information

Danger!
Read all safety regulations and instructions.

WARNING: When using electric gardening appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

FOR ALL APPLIANCES
• Avoid dangerous environments - do not use appliances in damp or wet locations.
• Don’t use in rain.
• Keep children away - all people and pets should be kept at a distance from the work area.
• Dress properly - do not wear loose clothing or jewelry. They can be caught in moving parts. Wear protective clothing; use of work gloves, long pants, a long sleeved shirt and safety footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.
• Use safety glasses - always use face

or dust mask if the area in which you are working is dusty. The purpose of the safety rules is to attract your attention to possible dangers. The safety symbols and the explanations with them, require your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instruction or warnings they give are not substitutes for proper accident prevention measures.

• Use right appliance - do not use appliance for any job except that for which it is intended.

• Do not force appliance - it will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.

• Do not overreach - keep proper footing and balance at all times.

• Stay alert. Use common sense. Do not operate appliance when you are tired or under the influence of drugs, alcohol or medication.

• When not in use, appliances should be stored indoors in dry places out of reach of children.

• Maintain appliance with care. Follow instructions for lubricating and changing accessories. Keep handles dry, clean, and free from oil and grease.

• Check damaged parts. Before using the appliance, make sure the safety guards are intact. Never use a tool without its safety guard. Check the alignment of the moving parts, the binding of the moving parts.

• Check for broken or defective parts that can affect the safe operation of your tool. A guard or other part that is damaged should be properly repaired or replaced by an authorized service centre unless indicated elsewhere in this manual.

• 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.

• Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

• 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.

• 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. (This advice is considered correct for conventional NiMh, NiCd, lead acid and lithium-ion cell types. If this advice is incorrect for a cell design that differs from these, then the correct advice may be substituted.)

• Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.

• Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.

• Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is

maintained.
• Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.

1.) FOR ALL BATTERY-OPERATED GARDENING APPLIANCES:
• Do not charge appliance in rain, or in wet locations.
• Do not use battery-operated appliances in the rain. Always remove or disconnect battery pack before adjusting, cleaning, servicing or transporting the garden appliances.

2.) FOR ALL BATTERY-OPERATED PRODUCTS EMPLOYING A DETACHABLE OR SEPARABLE BATTERY:
• Use only the specifically designated battery packs.
• Do not dispose of the battery in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
• Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
• Exercise care in handling the battery in order not to short it with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.

3.) AVOID UNINTENTIONAL STARTING – DO NOT INSERT BATTERY WHILE YOUR FINGER IS ON THE SWITCH. BE SURE SWITCH IS OFF WHEN INSERTING THE BATTERY.

GENERAL SAFETY WARNINGS FOR THE BATTERY PACK
• Dispose of used battery promptly and properly. When disposing of secondary cells or batteries, keep cells or batteries of different electrochemical systems separate from each other.
• Keep battery out of reach of children and in original package until ready to use.
• Never put batteries in one’s mouth. If swallowed, contact local poison control centre immediately.
• CAUTION – The battery used in this device may present a risk of fire or chemical burn if mishandled. Use of another battery may present a risk of fire or explosion.
• WARNING: Do not use a visibly damaged battery pack or appliance.
• WARNING: Do not modify or attempt to repair the appliance or the battery pack.
• BATTERIES MUST BE RECYCLED.
• Do not short-circuit a cell or battery. Do not store cells or batteries haphazardly in a box or drawer where they may shortcircuit each other or be short-circuited by conductive materials.
• Do not subject cells or batteries to mechanical shocks.
• Keep cells and batteries clean and dry. Wipe the cell or battery terminals with a clean dry cloth if they become dirty.
• Do not maintain secondary cells and batteries on charge when not in use.
• Retain the original cell and battery. Do not use any charger other than that specifically provided for use with the equipment. Secondary cells and batteries need to be charged before use. Always use the correct charger and refer to the manufacturer’s instructions or equipment manual for proper charging instructions.

• When possible, remove the battery from the equipment when not in use.
• Prevent unintentional starting. Ensure the switch is in the off-position before connecting to the battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing appliances that have the switch on invites accidents.
• Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally.
• 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.
• Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.

IMPORTANT SAFETY INSTRUCTIONS FOR CHARGER

WARNING: This product may contain lead, phthalate or other chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. Please wash your hands after use.

• Always inspect the equipment visually before using it. Do not use the equipment if safety devices are damaged or worn. Never disable any safety devices.
• Stop using the equipment when there are people – particularly children – or pets nearby.
• You are responsible for safety in the operating area.
• Make sure you stand squarely at all times while working.
• Never leave the equipment unsupervised in the work area. If you stop work for a while, leave the equipment in a safe place.
• If you stop your work in order to go to another area to work, you must make sure that the equipment is switched off while you are going there.
• Never use the equipment while it is raining or in damp or wet surroundings.
• Protect your equipment against moisture and rain.
• When working with fertilizers and dusty products, wear suitable eye and breathing protection. Protect your skin and eyes from dust.
• Do not use the equipment for distributing liquids, powder, pesticides, herbicides or chemicals intended for conventional, commercial or industrial use.
• Prior to working with the spreader material, read the instructions on the relevant fertilizer or seed packaging and be sure to follow these instructions.
• When the equipment is in operation, you must always hold it away from your body!
• Do not switch on the equipment when it is turned around or when it is not in working position.
• Never point the equipment directly at yourself or at any other person.
• When you are not using the equipment, keep it in a dry place out of the reach of children.
• Do not use the spreader material compartment to store unneeded spreader material.

• Clean the spreader material compartment before filling.
• Make sure that the ON/OFF switch is not activated before you remove any blockages, clean the equipment, perform any maintenance or place the equipment in storage.
• Never remove blockages with your fingers -use a stick or a similar tool.
• Be careful not to touch the moving parts of the equipment.

Keep all safety regulations and instructions in a safe place for future use.

2. Layout and items supplied

2.1 Layout (Fig. 1/2)
1. Cutter rail
2. Hand guard
3. Steady grip with button switches
4. Handle with On/Off switch
5. Lock for handle
6. Cuttings collector
7. Cutter guard
8. Impact guard
9. Cutting blade safety cover

2.2 Items supplied
Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.
• Open the packaging and take out the equipment with care.
• Remove the packaging material and any packaging and/or transportation braces (if available).
• Check to see if all items are supplied.
• Inspect the equipment and accessories for transport damage.
• If possible, please keep the packaging until the end of the guarantee period.

Danger!
The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

- Hedge trimmer
- Cutter guard
- Cuttings collector
- Original operating instructions

3. Proper use

This hedge trimmer is suitable for cutting hedges, bushes and shrubs.
The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.
Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

4. Technical data

Rated voltage .....36 V d.c.
Cutter rail length ..... 720 mm
Cutting length ..... 650 mm
Tooth spacing ..... 30 mm
Cuts/min. 2700
Sound pressure level LpA ..... 73 dB (A)
Sound power level LWA ..... 93 dB (A)
Uncertainty KpA / KWA ..... 3 dB

Sound power level guaranteed
LWA ..... 96 dB(A)
Vibrations ah..... . .....3.4 m/s2
Uncertainty K 1.5 m/s2
Weight: .....4.0 kg

Important!
The equipment is supplied without batteries and without a charger and is allowed to be used only with the lithium-ion batteries of the specific model!
The operator will require noise protection measures if this is the case.
The noise was measured in accordance with EN ISO 11203 and EN ISO 3744:2010. The value of the vibrations emitted by the handle was determined in accordance with EN 60745-1.

Important!
The vibration value changes according to the area of application of the electric equipment and may exceed the specified value in exceptional circumstances.

Wear ear-muffs.
The impact of noise can cause damage to hearing.
The stated vibration emission levels and stated noise emission values were measured in accordance with a set of standardized criteria and can be used to compare one power tool with another.
The stated vibration emission levels and stated noise emission values can also be used to make an initial assessment of exposure.

Warning:
The vibration and noise emission levels may vary from the level specified during actual use, depending on the way in which the power tool is used, especially the type of workpiece it is used for.

Keep the noise emissions and vibrations to aminimum.
• Only use appliances which are in perfect working order.
• Service and clean the appliance regularly.
• Adapt your working style to suit the appliance.
• Do not overload the appliance.
• Have the appliance serviced whenever necessary.
• Switch the appliance off when it is not in use.
• Wear protective gloves.

Caution!
Residual risks
Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be rules out. The following hazards may arise in connection with the equipment's construction and layout:
1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.
3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.

Limit the operating time!
All stages of the operating cycle must be considered (for example, times in which the electric tools are switched off and times in which the tool is switched on but operates without load).

5. Before starting the equipment
The equipment is supplied without batteries and without a charger.

Assembly
The hedge trimmer is supplied fully assembled.
All that still needs doing is to slide the cuttings collector onto the cutter rail if required.

Fitting the cuttings collector (Fig. 4a-4c)
For horizontal cutting we recommend that you install the cuttings collector. This enables you to remove the cuttings easily. The surface of the hedge thus remains clear (Fig. 4a/4b). Position the cuttings collector (6) on the cutter rail (Figure 4c). Then push the cuttings collector towards the handle to clamps it securely under the retaining pin (Fig. 4c/Item A).

Rotatable handle
The hedge trimmer is fitted with a rotatable rear handle. It can be rotated 90° to the left and right.
To do this, pull the slide (Fig. 5 / item 5) in the direction of the arrow and rotate the handle.
To return the handle to its original position, pull the slide (Fig. 5 / item 5) back in the direction of the arrow. The handle should be rotated through 90° when performing vertical cuts.

Note: The lock cannot be pulled back if the On/Off switch (Fig. 5/Item 4a) is pressed.
WARNING!
Never attempt to move the handle to a position in between.

Installing the battery (Fig. 6)
Press the push/lock button of the battery pack as shown in Fig. 6 and slide the battery pack into the mount provided. Make sure that the push/lock button engages properly. To remove the battery pack, follow the steps in reverse order.

Charging the battery (Fig. 7)
1. Take the battery pack out of the equipment. Press the push/lock button to do this.
2. Check that your mains voltage matches the voltage specified on the rating plate of the battery charger. Insert the power plug of the charger into the socket outlet. The green LED will then begin to flash.
3. Insert the battery pack into the charger.
4. In the section entitled "Charger indicator"there is a table with an explanation of the LED display on the charger.
The battery pack can heat up slightly during charging. This is normal.

If the battery pack fails to charge, please check:
- whether there is a voltage at the mains power socket;
- whether there is good contact at the charging contacts.

If the battery pack still fails to charge, please send
- the charging unit
- and the battery pack to our customer service center.

To ensure that the battery pack provides long service, you should take care to recharge it promptly.
You must recharge the battery pack when you notice that the performance of the device drops.
Never allow the battery pack to become fully discharged. This will cause it to develop a defect.

Battery capacity indicator (Fig. 8)
Press the battery capacity indicator switch (item A). The battery capacity indicator (item B) shows the charge status of the battery using 4 LEDs.

All 4 LEDs are lit:
The battery is fully charged.
3 or 2 or 1 LED(s) are lit:
The battery has an adequate remaining charge.
1 LED fl shes:
The battery is empty, recharge the battery.
All LEDs blink:
The battery temperature is too low. Remove the battery from the equipment, keep it at room temperature for one day. If the fault reoccurs, this means that the rechargeable battery has undergone exhaustive discharge and is defective. Remove the battery from the equipment. Never use or charge a defective battery.

6. Operation

Switching ON/OFF.
The hedge trimmer is equipped with a twohanded safety switch. It works only when one of the switches on the steady grip (Fig. 9/Item 3a) is pressed with one hand and the switch (Fig. 5/Item 4a) on the handle is pressed with the other hand.
If either switch is released, the cutters will stop moving. Please watch out for the cutters as they slow down to a standstill.

Notes for use
• A hedge trimmer can be used to cut shrubs and bushes as well as hedges.
• To obtain the best cutting results, hold the hedge trimmer so that the cutter teeth are at an angle of approx. 15° in relation to the hedge (see Fig. 10).
• The twin-bladed cutters rotate in opposite directions, thus enabling cutting in both directions (see Fig. 11).
• To ensure that you cut the hedge to a level height, we recommend tying a guide line of string or similar along the hedge. Cut off all branches that protrude beyond the guide line (see Fig. 12).

Warning! Be particularly attentive when cutting along the guide line. Do not cut through the guide line. This could get entangled in the blades and lead to injuries or damage to property.
• Cut the sides of the hedge with curve-shaped movements from the bottom up (see Figure 13).

What to do if the blade gets blocked
1. Stop the equipment.
2. Remove the battery.
3. Remove the jammed material from the blade (wear work gloves to prevent injury when you do so).

After using
1. Switch off the equipment.
2. Remove the battery.
3. Allow the equipment to cool down and then store it out of children’s reach.

7. Cleaning, maintenance and ordering of spare parts

Hazard!
Before putting the hedge trimmer away and cleaning it, switch it off and remove the battery pack.

7.1 Cleaning

• Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.

• We recommend that you clean the device immediately each time you have finished using it.
• Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device. The ingress of water into an electric tool increases the risk of an electric shock.
• Use a brush to remove deposits from the safety guard.

7.2 Maintenance
• The cutters should be cleaned and lubricated at regular intervals in order to ensure best performance at all times. Remove deposits with a brush and apply a thin film of oil (Figure 14).
• There are no other parts inside the equipment which require maintenance.
• Double blades are not allowed to be used if they are damaged or worn and must be replaced by original spare parts from the manufacturer.
• Arrange for an expert or our service workshop to carry out all safety-related maintenance work and the replacement of defective parts or the sharpening or replacement of the double blade, so that you can be sure that the hedge trimmer is safe to use.

7.3 Storage
• When not in use the hedge trimmer can be hung on a nail, screw or the like for storage, with the cutter rail guard fitted (Fig. 15/Item. A).

7.4 Ordering replacement parts:
Please quote the following data when ordering replacement parts:
• Type of machine
• Article number of the machine
• Identification number of the machine
• Replacement part number of the part required

8. Disposal and recycling
The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Never place defective equipment in your household refuse. The equipment should be taken to a suitable collection center for proper disposal. If you do not know the whereabouts of such a collection point, you should ask in your local council offices.

9. Faults
The equipment does not work:
Check that the battery is charged and whether the charging unit is working. If the equipment will not work in spite of the voltage supply being OK, please send it to the customer service address below.



For EU countries only
Never place any electric power tools in your household refuse.

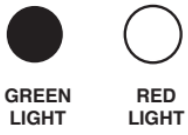
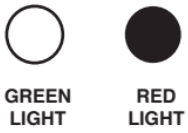
To comply with European Directive 2012/19/EC concerning old electric and electronic equipment and its implementation in national laws, old electric power tools have to be separated from other waste and disposed of in an environment-friendly fashion, e.g. by taking to a recycling

depot.

Recycling alternative to the return request:
As an alternative to returning the equipment to the manufacturer, the owner of the electrical equipment must make sure that the equipment is properly disposed of if he no longer wants to keep the equipment. The old equipment can be returned to a suitable collection point that will dispose of the equipment in accordance with the national recycling and waste disposal regulations. This does not apply to any accessories or aids without electrical components supplied with the old equipment.

Subject to technical changes.

10. Charger indicator

BATTERY PACK	GREEN LED	RED LED	ACTION
			
Without battery pack	ON - SOLID	OFF	Ready to charge the battery pack.
With battery pack	ON - SOLID	OFF	Remove battery. **NOTICE:** If fuel gauge on battery is not full then the battery is too hot to charge, let battery cool for 30 min and charge again.
			
With battery pack	OFF	ON - SOLID	Battery is charging.

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