

**XHD LITHIUM
CORDLESS
BRUSHCUTTER
BRUSHLESS
36V (2X 18V) -
BARE TOOL**



XHD6

OPERATORS MANUAL



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Note

This manual is for your reference only. Due to the continuous improvement of the XHD Lithium products, changes may be made at any time without obligation or notice.

Thank You

For the purchase of this XHD Lithium product. We try our hardest to supply customers like you with the best quality products available, at the best price possible. We cant wait to continue working together in the future.



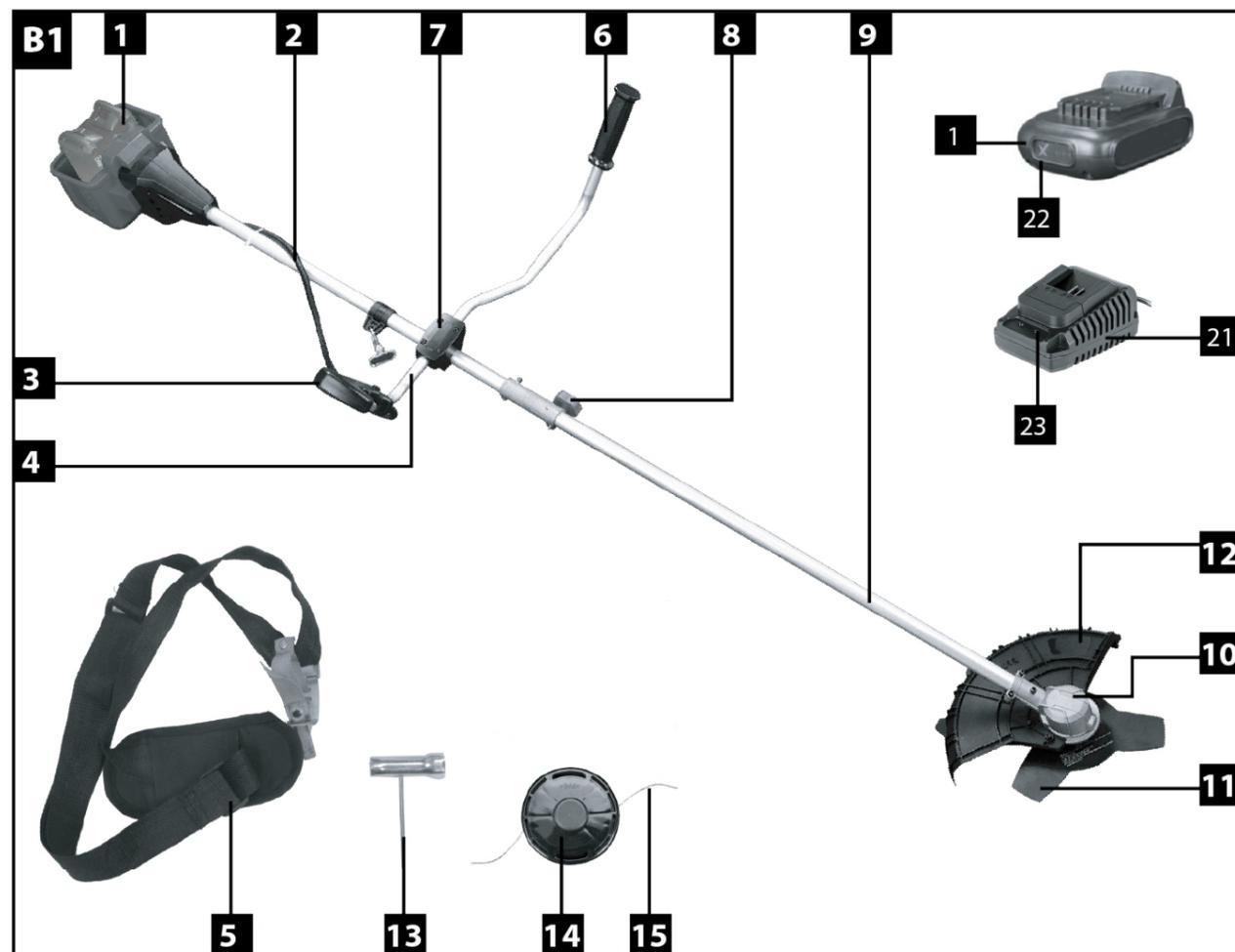
SPECIFICATIONS

<i>Rating</i>	2x 18 Volt XHD Li-Ion Batteries
<i>Speed</i>	5800 RPM
<i>Brushcutter Cutting Width</i>	255mm
<i>Grass Trimmer Cutting Width</i>	340mm
<i>Net Weight</i>	3.7 kg
<i>Product Dimensions (LxWxH)</i>	1980 x 730 x 290mm

Intended Use

This Line Trimmer has been designed for trimming lawn edges and grass around shrubs and trees. The Brushcutter has been designed for cutting and clearing grass, thick weeds, vegetation and shrubs.

PRODUCT IDENTIFICATION



- | | | |
|-----------------------------------|----------------------------------|-------------------------------|
| 1 XHD Battery Pack (Not Included) | 8 Locking Screw & Tube Connector | 16 Upper Blade Retainer |
| 2 Electric Cable Connection | 9 Aluminium Tube | 17 Positioning Button |
| 3 Right Side Grip | 10 Motor Housing | 18 Safety Button |
| 4 Tube for Right Side Handle | 11 Brushcutter Blade | 19 Start Button |
| 5 Carry Strap | 12 Blade Protective Cover | 20 Locking Button |
| 6 Left Side Handle | 13 Hex Key & Socket Wrench | 21 XHD Charger (Not Included) |
| 7 Cross Connector for Handles | 14 Thread Cassette | 22 Switch Button |
| | 15 Grass Trimmer Cord | 23 Indicator Light |

SAFETY GUIDELINES

! WARNING

READ ALL SAFETY WARNINGS & INSTRUCTIONS. Failure to follow instructions and warnings could lead to serious injury, electric shock, or fire.

Work Area Safety

- Ensure that your work area is kept clean and well lit. Lack of visibility and clutter greatly increase the risk of accident when using tools.
- Keep bystanders, pets, and children clear when operating this power tool or machine. They can cause distraction or risk injury to themselves.
- Ensure you are not operating the power tool or machinery in the presence of dust, liquids, flammable gases, or anything that can create an explosive atmosphere. Power tools and machinery can create sparks which can lead to ignition and fire hazards in working environments.

Personal Safety

- Always wear personal protective equipment (PPE). Eye protection, ear protection, dust masks, and other protective equipment will help to reduce the risk of personal injury or long-term illnesses.
- Dress appropriately. DO NOT wear loose clothing that can get caught in moving parts. Keep hair, loose clothing, jewellery, and anything else that could

be of risk, away from moving parts in the machine, or they could become caught therein.

- Always remain alert and DO NOT operate power tools or machinery under the influence of any substances such as alcohol or drugs, including prescription medications. Lack of focus could lead to injury or accidents while operating these power tools and machinery.
- Always ensure proper footing and balance. Overreaching can lead to slipping and falling which can result in injury or accident.
- Ensure the power switch is in the OFF position before connecting any battery, or power source to the power tool or machinery. This can cause injury as tools and machinery can suddenly fire incidentally when live, causing accidents.
- Use all provided dust collection and extraction attachments, if included. This equipment, along with the use of PPE dust masks, can help keep you safe from dust inhalation, and keep your work site clear from hazards.
- Ensure loose parts such as wrenches or adjusting keys are removed before starting the power tool or machinery.



SAFETY GUIDELINES

Power Tool & Machinery Use & Care

- **Use the correct tool for the job.** Forcing a tool to do a job it was not designed for increases the risk of accident or injury.
- **Disconnect tools and machinery from power, or remove batteries before doing any maintenance or adjustments, or before storing the tools and machinery.** This reduces or removes the risk of a power connection that causes the tool or machinery to accidentally fire, which can help prevent injury or accident.
- **Check the general condition of the power tool for damage or any problems that could affect the way the tool or machine works.** An unrepaired tool or machine can lead to accident and injury. Only have your tool or machine repaired with genuine parts from your local distributor
- **Only use the power tool and machinery with genuine parts or accessories that are designed to be used with this power tool and machinery.** Failure to do so could result in accident or injury, or damage your tool or machinery.
- **Store your tool or machinery out of reach of children, and away from untrained personnel when not in use.** Use by somebody untrained, or a child, could lead to accident or serious injury.

Service

- **Have your tools and machinery serviced by your local distributor with genuine XHD Lithium replacement parts.** This will ensure that the safety of the power tool or machine is maintained.

 **WARNING**

The warnings and precautions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Always Use Common Sense

- It is not possible to cover every conceivable situation you can face. Always exercise care and use your common sense. If you get into a situation where you feel unsafe, stop and seek expert advice. Contact your dealer, service agent, or an experienced user. Do not attempt any task you feel unsure of!
- **Do not let familiarity gained from the frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.



SAFETY GUIDELINES

Battery Tool Use & Care

- Prevent unintentional starting. Ensure the switch is in the OFF position before connecting to the battery pack, picking up, or carrying the machine. Carrying the machine with your finger on the switch or energising a machine that has the switch ON invites accidents.
- Disconnect the battery pack from the machine before making any adjustments, changing accessories, or storing the machine. Such preventive safety measures reduce the risk of starting the machine accidentally.
- Recharge the battery 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 machines only with specific battery packs. Use of any other battery packs may create a risk of injury and fire.
- When the battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or 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 the area with water. If liquid contacts eyes, seek medical help. Liquid ejected from the battery may be acidic and may cause irritation or burns.
- Do not use a battery pack or machine that is damaged or modified. Damaged or

modified batteries may exhibit unpredictable behaviour resulting in fire, explosion, or risk of injury.

- Do not expose a battery pack or machine to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
- Follow all charging instructions and do not charge the battery pack or machine outside of the temperature range specified in the instructions.
- Charging the battery improperly, or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- Have servicing performed by a local XHD distributor using only identical replacement parts. This will ensure that the safety of the product is maintained.
- Do not modify or attempt to repair the machine or the battery pack except as indicated in the instructions for use and care.

Battery Long Life Tips

- Charge the battery cartridge before it is completely discharged. Always stop tool operation and charge the battery cartridge when you notice less tool power.
- Never recharge a fully charged battery cartridge. Overcharging shortens the battery service life.
- Charge the battery cartridge with room temperature at 10°C – 40°C. Allow a hot battery to cool before charging it.
- Charge the battery cartridge once in every six months if you do not use it for extended periods at a time.

SAFETY GUIDELINES

Line Trimmer Specific Safety

- Always visually inspect the tool for any damaged, missing or misplaced guard or shield before use.
- Never operate the tool when there are people, especially children, or pets nearby.
- Always wear eye protection and sturdy shoes while operating the tool.
- Do not use the device in bad weather conditions, especially if there is a risk of lightning.
- Only use the tool in daylight or good artificial light.
- Never operate the machine with damaged protective devices or protective shields or without protective devices or protective shields.
- Only switch on the engine when the hands and feet are away from the cutting tools.
- Always stop the tool and remove the battery:
 1. Whenever the tool is left unattended;
 2. Before removing a blockage;
 3. Before checking, cleaning or working on the tool;
 4. After hitting a foreign body. Check the tool for damage and make repairs before restarting and putting the machine into operation.
 5. If the tool starts to vibrate abnormally, check it immediately:
 - Check for damage,
 - Replace or repair damaged parts (Have the machine repaired only by an authorised repairer),
 - Check for loose parts and tighten.

- Watch for injuries to your feet and hands by the tool.
- Always make sure that the ventilation holes are free from deposits.

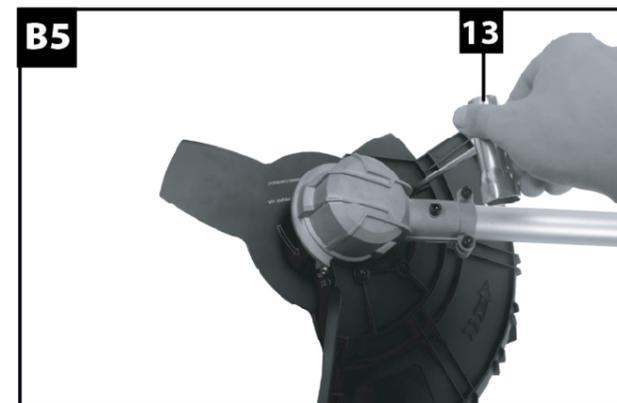
Brushcutter Specific Safety

- In addition to the line trimmer rules, these additional instructions are helpful when using the tool in brushcutter mode.
- Use heavy gloves when installing and removing blades, as they have sharp edges.
- Do not try to touch or stop the rotating blade
- A moving knife can cause serious injury.
- Maintain proper control of the tool with both hands until the knife has come to a complete stop.
- Replace damaged blades. Before each use, make sure that the brushcutter blade is correctly installed and securely fastened.
- Use only the manufacturer's blade and do not use any other cutting tool.
- Cover the blade with the blade guard before storing the unit or during transport. Always remove the blade guard before using the device. If it is not removed, the blade guard may become a thrown object when the blade begins to spin.
- Approach weeds from right to left for smoother cutting and improved safety. If you encounter unexpected obstacles such as wood or debris, this direction of movement helps reduce the blade's kick-back or reaction force. Always maintain firm control with both hands while operating the tool.

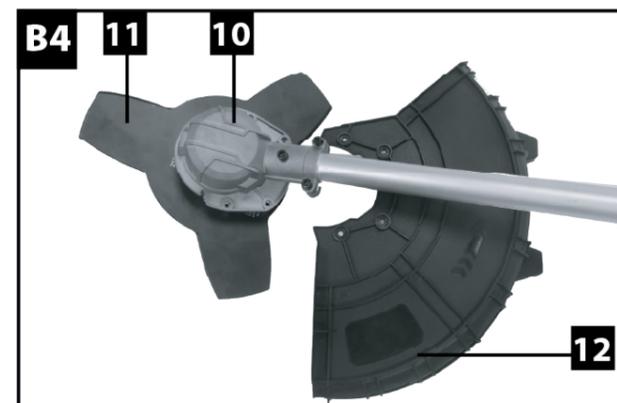
ASSEMBLY

Mounting the Brush Cutting Head

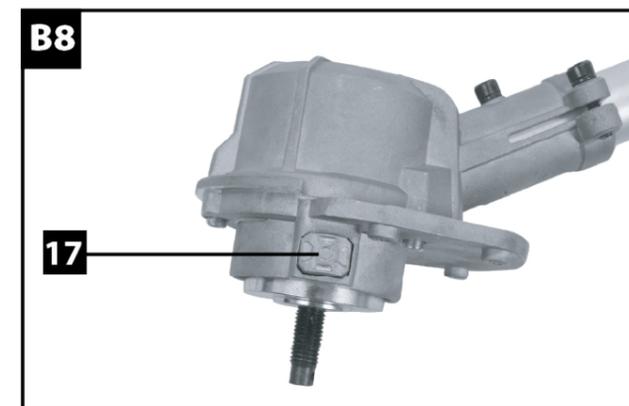
- Attach the brushcutter guard to the gearbox housing with four screws using the supplied hex key.



NOTE: To avoid reverse mounting. Please follow the Figure below.



- Attach the lower blade holder to the protective cover and press the positioning button (17) to secure it to the machine



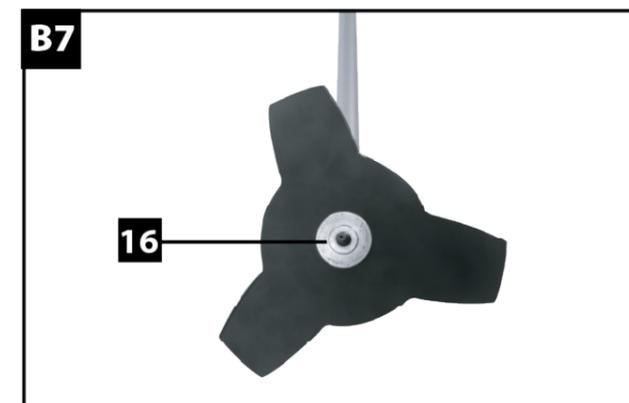
NOTE: The spindle lock button should be pressed by hand until head assembly is complete.

- Insert the blade into the knife holder.



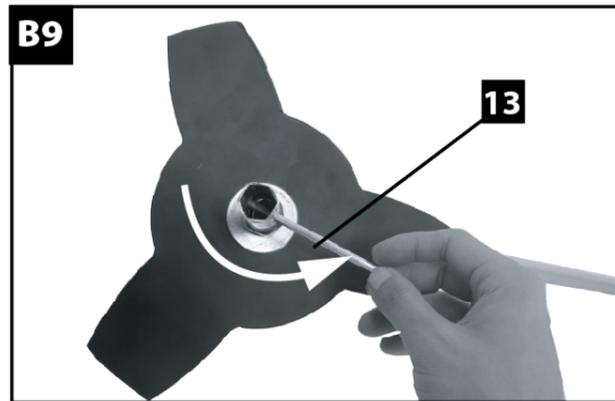
NOTE: Note that the markings on the blade must face the motor housing (10).

- Attach the upper blade retainer (16) to the blade



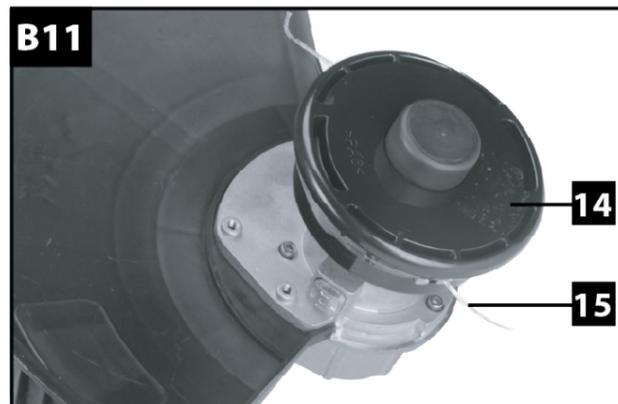
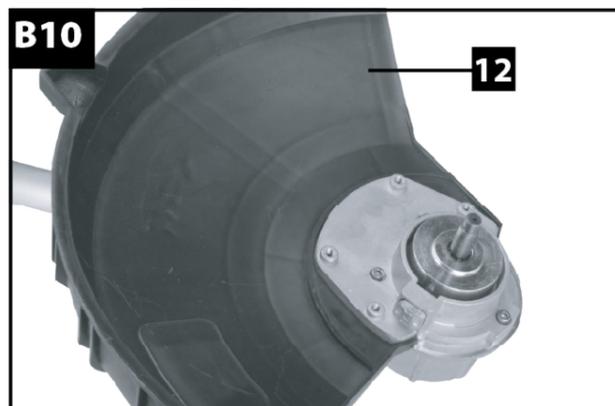
ASSEMBLY

- Tighten the nut counter-clockwise with a hexagon socket wrench (13).



Mount the Grass Trimmer Head

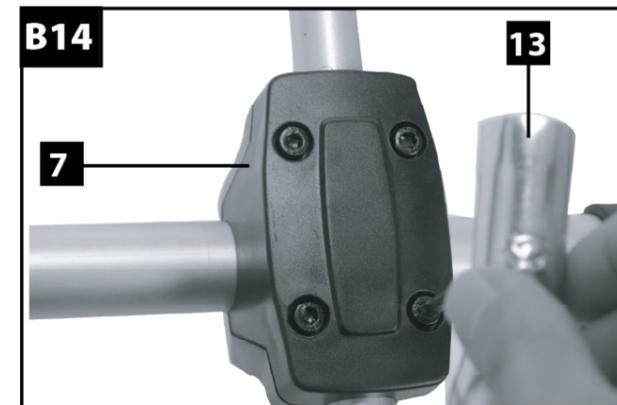
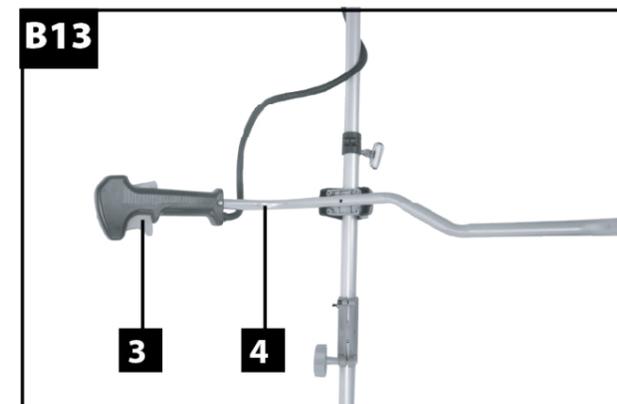
- Place the aluminium tube in the flat ground or any other rigid surface.
- Load the cutting head as shown in Fig. B11.
- Tighten the cutting head to secure in an counter-clockwise direction. Meanwhile press the spindle lock button until the cutting head needs tightening by hand.



Attach the Handle

- The handle is attached to the pipe by the cross connector (7). Position the lower part of the cross connector on the upper aluminium tube. (Fig. B13) Insert the aluminium tube into the handle and screw the lower part and the upper part of the cross connector tight, so the handle is fixed securely (Fig. B14)

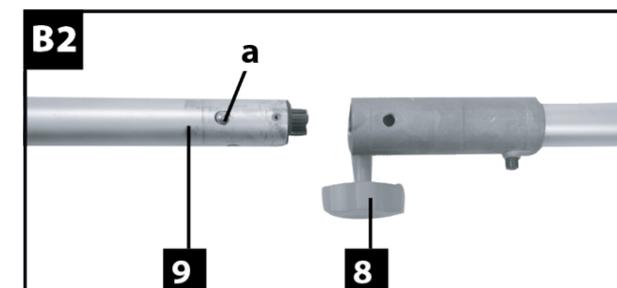
ASSEMBLY



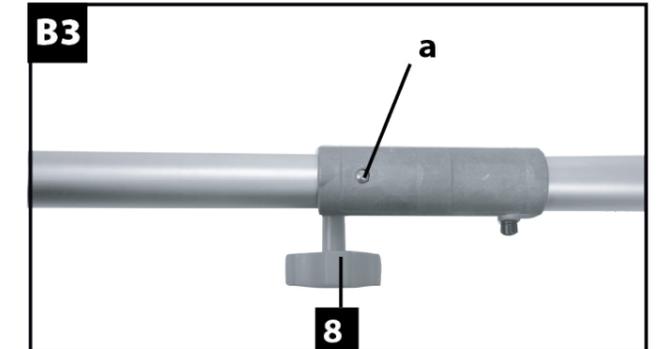
NOTE: The location of handle bar can be adjusted using the Hex key. The two screws can be half unscrewed, then you can adjust handle location to your preference. The two screws must then be fully tightened (Fig. B19).

Mount the Shaft Tube

- Insert the pipe into the hole and ensure the pop lock (a) clicks into the allocated hole on the tube.

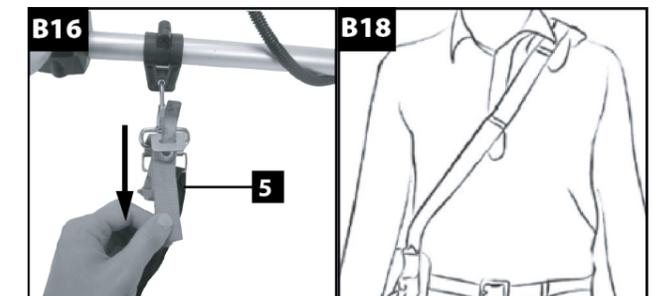


- Turn the locking knob (8) to fix the pipe firmly in place. (Fig. B3)

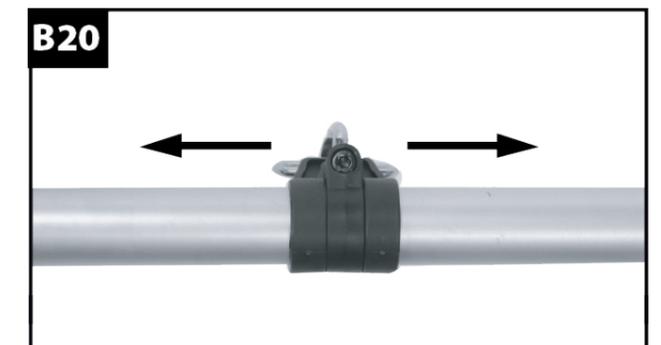


Adjust the Carrying Strap

NOTE: The Carrying Strap link has a quick release tab, highlighted in red tape (5). Pulling this will activate the quick release (Fig. B16).



NOTE: The location of the fitting strap can be adjusted using the Hex key. The screw can be half unscrewed. Then you can adjust location to your preference. The screw must then be fully tightened.



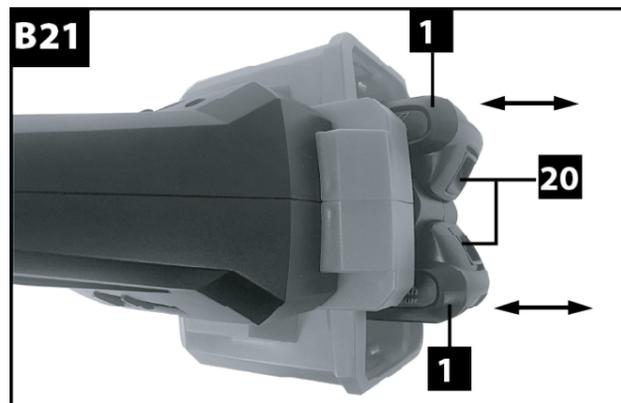
OPERATION

WARNING

Always be sure that the tool is switched off and the battery cartridge is removed before adjusting or checking the tool.

Installing or Removing the Battery

- To remove the battery cartridge, slide it from the tool while depressing the button (20) on the front of the cartridge.
- To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click. If you can see the red indicator on the upper side of the button, that means it is not locked completely.

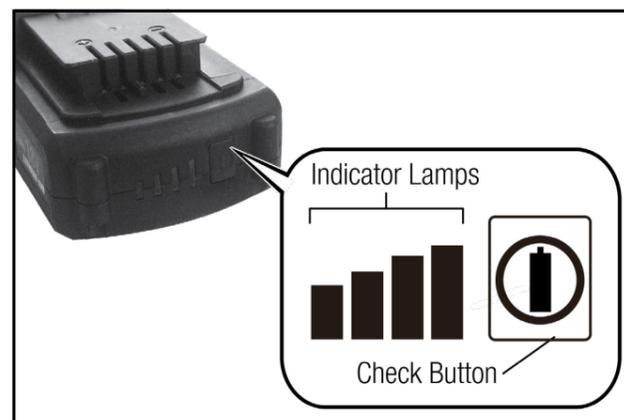


CAUTION

Do not install the battery cartridge forcibly. If the cartridge does not slide in easily, it is not being inserted correctly.

Indicating the Remaining Battery Capacity

- Press the check button on the battery cartridge to indicate the remaining capacity.
- NOTE:** Depending on the conditions of use, and the ambient temperature, the indication may differ slightly from the actual capacity.



INDICATOR LAMPS			REMAINING CAPACITY
LIGHTED	OFF	BLINKING	
■ ■ ■ ■			75% to 100%
■ ■ ■ □			50% to 75%
■ ■ □ □			25% to 50%
■ □ □ □			0% to 25%
▣ □ □ □			Charge the Battery.
■ ■ □ □			The Battery may have Malfunctioned
□ □ ■ ■			

OPERATION

Tool/Battery Protection System

- The tool is equipped with a tool/battery protection system. This system automatically cuts off power to the motor to extend tool and battery life. The tool will automatically stop during operation if the tool or battery is placed under one of the following conditions:

Overload Protection

- When the tool/battery is operated in a manner that causes it to draw an abnormally high current, the tool automatically stops without any indication. In this situation, turn the tool off and stop the application that caused the tool to become overloaded. Then turn the tool on to restart.

Overheat Protection

- When the tool/battery is overheated, the tool stops automatically. In this situation, let the tool/battery cool before turning the tool on again.

Over Discharge Protection

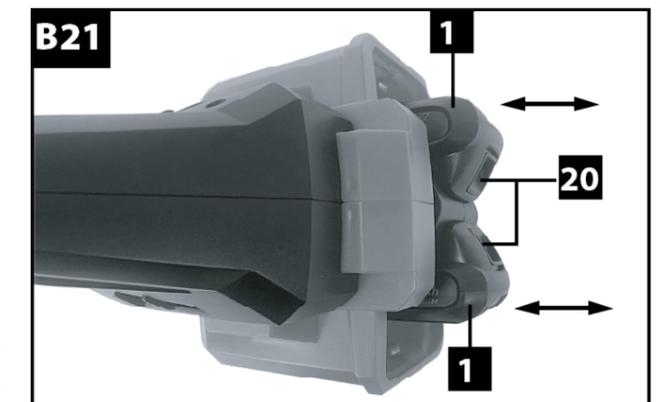
- When the battery capacity is not enough, the tool stops automatically. In this case, remove the battery from the tool and charge the battery.

CAUTION

Before installing the battery cartridge into the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

Need to Know Prior to Charging

- Charge the battery following the steps shown below.
- NOTE:** Battery and charger are not included.



- Press the locking button (20) and remove the battery out of the device.
- Insert the battery into the charger (21) until it clicks securely into place.
- Place the battery charger on a level, stable surface. Plug the charger into a 230V power outlet.
- Once charging is complete, unplug the charger from the power outlet and remove the battery from the charger.

OPERATION

Starting the Tool

- To start the machine, press and hold both the safety button (18) and the start button (19) simultaneously.
- The machine will only operate when both buttons are engaged at the same time, ensuring safe and controlled activation.



- Start the brushcutter prior to approaching the brush or grass to be cut.
- Cut the brush or grass by moving the machine from right to left and slowly make your way forward from there. Hold the machine tilted at about 30°.
- Best practice for tall grass would be to cut in layers. Always starting from the top.

WARNING

Do not cut wet grass. Avoid wasting extra amounts of cutting line by striking it against hard objects (stone, walls, fences, etc.). Use the edge of the guard to keep the trimmer at the correct distance.

Cutting Line Advance

- Short or worn cutting lines cut less efficiently. To improve usage in the future, lightly tap the spool button on the floor while the trimmer is running at full speed. As a result, additional cutting line is automatically fed. The cutting line knife under the guard automatically cuts the cutting line to the correct length during operation.

WARNING

The cutting head continues to rotate after the motor has been turned off for a few seconds.

The product must not be used to cut or chop: hedges, shrubs, bushes, flowers, or compost.

Always turn off the machine and make sure that the cutting tool has stopped before placing the brush cutter down.

Adjust the strap and handle to fit your self before operating this machine. The machine should be balanced for proper control and reduced operator fatigue.

Always check your brushcutter is in proper condition and operating order before starting it.

MAINTENANCE

WARNING

Always be sure that the tool is switched off and the battery removed before attempting to perform any inspection or maintenance.

- Before cleaning or performing any maintenance, you must ensure the tool is switched off and disconnected from the power supply.
- Compressed air is the most effective way to clean this tool. Always wear PPE safety goggles when cleaning tools with compressed air.
- Ventilation openings and switch levers must be kept clean. DO NOT attempt to clean by inserting pointed objects through openings.
- Do not use harsh chemicals or solvents when cleaning this tool.
- If you discover any damaged or broken parts, consult your local XHD distributor for replacements and advise.

Battery Disposal

- Batteries and electronics should not be disposed of in household garbage. Please return your old batteries to your local distributor for safe and environmentally friendly disposal.
- Together, we can care for the environment.

Environment & Disposal

- Packaging materials are raw materials and can be re-used. Separate the different packaging materials and take them to the appropriate waste disposal facility. More information can be obtained from your local authorities.
- Old machines do not belong in your household garbage! Dispose of old machines appropriately, we are all responsible for the environment.

After Use & Before Storage

- Clean the ventilation slots regularly with a clean, dry brush.
- Use only mild soap and a damp cloth to clean the tool. Never allow liquid to penetrate the tool and never submerge any parts of the tool in liquid.
- Remove dirt with a hard brush.
- When not in use, store the machine out of the reach of children.