

BLACK+ DECKER™

20V MAX* LITHIUM POLE HEDGE TRIMMER

INSTRUCTION MANUAL

CATALOG NUMBERS
LPHT120



Thank you for choosing BLACK+DECKER!

PLEASE READ BEFORE RETURNING THIS PRODUCT FOR ANY REASON.

SAVE THIS MANUAL FOR FUTURE REFERENCE.

*Maximum initial battery pack voltage (measured without a workload) is 20 volts. The nominal voltage is 18.

SAFETY GUIDELINES - DEFINITIONS

It is important for you to read and understand this manual. The information it contains relates to protecting YOUR SAFETY and PREVENTING PROBLEMS. The symbols below are used to help you recognize this information.

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

⚠ 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: Used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

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.

SAVE THESE INSTRUCTIONS

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) **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.

- b) **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.*
- c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d) **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.*
- e) **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.*
- f) **If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** *Use of a GFCI reduces 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, nonskid 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 energizing 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 jewelry. Keep your hair, clothing and gloves away from moving**

parts. Loose clothes, jewelry 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

- a) 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.

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. Blades coast after turn off. A moment of inattention while operating the hedge trimmer may result in serious personal injury.
- ⚠ **DANGER:** Keep hands away from blade. Contact with blade will result in serious personal injury.
- Use both hands when operating the hedge trimmer. Using one hand could cause loss of control and 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 or its own cord. Cutter blades contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- Keep cable away from cutting area. During operation the extension cord may be hidden in shrubs and can be accidentally cut by the blade.
- Check the hedge for foreign objects, e.g. wire fences.
- Beware of overhead wires.
- ⚠ **WARNING:** Only use the handle and guard properly assembled

to hedge trimmer. The use of the hedge trimmer without the proper guard or handle provided may result in serious personal injury.

⚠ CAUTION: Do not expose to rain.

⚠ WARNING: Remove plug from the outlet immediately if the extension cord becomes damaged or cut.

⚠ WARNING: Some dust created by this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- compounds in fertilizers
- compounds in insecticides, herbicides and pesticides
- arsenic and chromium from chemically treated lumber

To reduce your exposure to these chemicals, wear approved safety equipment such as dust masks that are specially designed to filter out microscopic particles.

IMPORTANT SAFETY RULES

⚠ WARNING: Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS

BEFORE OPERATING POLE TRIMMER

⚠ CAUTION: The unit has not been designed to provide protection from electric shock in the event of contact with overhead electric lines. Consult local regulations for safe distances from overhead electric power lines and ensure that the operating position is safe and secure before operating the extended reach hedge trimmer.

- For safe operation, read and understand all instructions before using the Pole Trimmer. Follow all safety instructions. Failure to follow all safety instructions listed below, can result in serious personal injury.
- Watch what you are doing. Use common sense. Do not operate Pole Trimmer when you are tired.
- Only well-instructed adults should operate Pole Trimmer. Never allow children to operate.
- Do not use Pole Trimmer for any job except that for which it is intended.
- Do not allow children or untrained individuals to use this unit.
- Wear the following safety gear when operating Pole Trimmer:
 - heavy-duty gloves

- substantial footwear

- safety glasses, goggles or face screen that are marked to comply with ANSI Z87.1

- face or dust mask (if working in dusty areas)

- Do not wear loose fitting clothing, or jewelry of any kind that could get caught in the moving blades or parts of the Pole Trimmer.
- Secure long hair so it is above shoulder level to prevent entanglement in any moving parts.

WHILE OPERATING POLE TRIMMER

- Stay alert. Use common sense while operating the unit.
- Keep work area clean. Cluttered areas invite injuries.
- Keep children, animals and bystanders at a safe distance away from Pole Trimmer. Only Pole Trimmer user should be in work area.
- Grip Pole Trimmer securely - one hand on the pole, the other on the handle.
- Keep finger off trigger until ready to use.
- Before starting Pole Trimmer, make sure blades are not touching anything.
- Keep all parts of body away from blades when Pole Trimmer is running.
- Carry Pole Trimmer from one place to another
 - with battery removed
 - by holding pole at balance point
 - with blades to rear
- Do not operate in poor lighting.
- During operation, rest periodically and change working positions to reduce fatigue.
- Keep firm footing and balance. Do not overreach. Overreaching can result in loss of balance or exposure to sharp surfaces.
- Do not, under any circumstance, use any attachment or accessory on this product, which was not provided with the product, or identified as appropriate for use with this product in this Instruction Manual.

DO NOT OPERATE POLE TRIMMER:

- while under the influence of alcohol, medication, or drugs

- in rain or in damp or wet areas

- where highly flammable liquids or gases are present

- if Pole Trimmer is damaged, adjusted wrong, or not fully and securely assembled

- if trigger does not turn Pole Trimmer on and off. Blades must stop moving when you release trigger. Have faulty switch replaced by authorized service center. See "Service Information".

- while in a hurry
- while in tree or on a ladder
- while on aerial booms, buckets or platforms
- during high wind or storming weather

GENERAL SAFETY RULES

⚠ WARNING: Shock Hazard. To protect yourself from electrocution, do not operate within 10 feet (3 m) of overhead electrical lines. Consult local regulations for safe distances from overhead electric power lines and ensure that the operating position is safe and secure before operating the extended reach hedge trimmer. Failure to do this could result in severe personal injury.

- Keep the handles dry, clean, and free of oil.
- Make sure cutting blades have stopped before setting unit down.

⚠ DANGER: RISK OF CUT. Keep hands away from blades. Keep both hands on handles when Pole Trimmer is on.

- **DO NOT ATTEMPT** to remove cut material or hold material to be cut when blades are moving. Disconnect battery when clearing jammed material from blades. Do not grasp the exposed cutting blades or cutting edges when picking up or holding the Pole Trimmer.

⚠ CAUTION: Blades coast after turn off.

- **DON'T FORCE POLE TRIMMER** - It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- **DISCONNECT BATTERY** from the Pole Trimmer when not in use or when servicing or cleaning.
- **STORE IDLE POLE TRIMMER INDOORS** - When not in use, Pole Trimmer should be stored indoors in a dry and high or locked-up place out of reach of children.
- **MAINTAIN POLE TRIMMER WITH CARE** - Keep cutting blades sharp and clean for best performance and to reduce the risk of injury. Keep handles dry, clean and free from oil and grease.
- **CHECK DAMAGED PARTS** - Before further use of the Pole Trimmer, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this manual.

SERVICE

- **Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk of injury. See "Service Information".
- **When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual.** Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of electric shock or injury.

SPECIFIC SAFETY RULES

- **Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring.**

Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.

⚠ WARNING: Some dust created by this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- compounds in fertilizers
- compounds in insecticides, herbicides and pesticides
- arsenic and chromium from chemically treated lumber

To reduce your exposure to these chemicals, wear approved safety equipment such as dust masks that are specially designed to filter out microscopic particles.

Symbols

The label on your tool may include the following symbols. The symbols and their definitions are as follows:

V	volts	A	amperes
Hz	hertz	W	watts
min	minutes	~ or AC	alternating current
--- or DC	direct current	n0	no load speed
☐	Class II Construction	⊕	earthing terminal
⚠	safety alert symbol	.../min	strokes per minute
👤	Use proper respiratory protection		
📖	Read instruction manual before use		
👁	Use proper eye protection		
👂	Use proper hearing protection		

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY CHARGERS

SAVE THESE INSTRUCTIONS: This manual contains important safety instructions for battery chargers.

- Before using charger, read all instructions and cautionary markings on charger, battery pack, and product using battery pack.

⚠ **WARNING: Shock hazard.** Do not allow any liquid to get inside charger.

⚠ **CAUTION: Burn hazard.** To reduce the risk of injury, charge only designated **BLACK+DECKER** batteries. Other types of batteries may burst causing personal injury and damage.

⚠ **CAUTION:** Under certain conditions, with the charger plugged in to the power supply, the charger can be shorted by foreign material. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminum foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug charger before attempting to clean.

⚠ **WARNING:** The charger supplied with this product is intended to be plugged in such that it is correctly orientated in a vertical or floor mount position.

- **DO NOT attempt to charge the battery pack with any chargers other than the ones in this manual.** The charger and battery pack are specifically designed to work together.
- **These chargers are not intended for any uses other than charging designated BLACK+DECKER rechargeable batteries.** Any other uses may result in risk of fire, electric shock or electrocution.
- **Do not expose charger to rain or snow.**
- **Pull by plug rather than cord when disconnecting charger.** This will reduce risk of damage to electric plug and cord.
- **Make sure that cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.**
- **Do not use an extension cord unless it is absolutely necessary.** Use of improper extension cord could result in risk of fire, electric shock, or electrocution.
- **An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety.** The smaller the gauge number

of the wire, the greater the capacity of the cable, that is 16 gauge has more capacity than 18 gauge. When using more than one extension to make up the total length, be sure each individual extension contains at least the minimum wire size.

Recommended Minimum Wire Size for Extension Cords

Minimum Gauge for Cord Sets					
Volts	Total Length of Cord in Feet				
120V	0-25	26-50	51-100	101-150	
240V	0-50	51-100	101-200	201-300	
Ampere Rating					
More Than		Not more Than			
		American Wire Gauge			
0	-	6	18	16	14
6	-	10	18	16	12
10	-	12	16	14	12
12	-	16	14	12	Not Recommended

- **Do not place any object on top of charger or place the charger on a soft surface that might block the ventilation slots and result in excessive internal heat. Place the charger in a position away from any heat source.** The charger is ventilated through slots in the top and the bottom of the housing.
- **Do not mount charger on wall or permanently affix charger to any surface.** The charger is intended to use on a flat, stable surface (i.e., table top, bench top).
- **Do not operate charger with damaged cord or plug — have them replaced immediately.**
- **Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way.** Take it to an authorized service center.
- **Do not disassemble charger;** take it to an authorized service center when service or repair is required. Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
- **Disconnect the charger from the outlet before attempting any cleaning.** This will reduce the risk of electric shock. Removing the battery pack will not reduce this risk.
- **NEVER attempt to connect 2 chargers together.**
- **The charger is designed to operate on standard household electrical power (120 Volts). Do not attempt to use it on any other voltage.**

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY WARNINGS FOR BATTERY PACKS

⚠ WARNING: For safe operation, read this manual and manuals originally supplied with tool before using the charger.

The battery pack is not fully charged out of the carton. Before using the battery pack and charger, read the safety instructions below. Then follow charging procedures outlined.

READ ALL INSTRUCTIONS

- **Do not incinerate the battery pack even if it is severely damaged or is completely worn out.** The battery pack can explode in a fire. Toxic fumes and materials are created when battery packs are burned.
- **Do not charge or use battery in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Inserting or removing the battery from the charger may ignite the dust or fumes.
- **If battery contents come into contact with the skin, immediately wash area with mild soap and water.** If battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed, the battery electrolyte for Li-ion batteries is composed of a mixture of liquid organic carbonates and lithium salts.
- **Contents of opened battery cells may cause respiratory irritation.**

⚠ Provide fresh air. If symptoms persist, seek medical attention.

⚠ WARNING: Burn hazard. Battery liquid may be flammable if exposed to spark or flame.

- Charge the battery packs only in **BLACK+DECKER** chargers.
- **DO NOT splash or immerse in water or other liquids.** This may cause premature cell failure.
- **Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 105°F (40°C) (such as outside sheds or metal buildings in summer).**

⚠ WARNING: Never attempt to open the battery pack for any reason. If battery pack case is cracked or damaged, do not insert into charger. Do not crush, drop or damage battery pack. Do not use a battery pack or charger that has received a sharp blow, been dropped, run over or damaged in any way (i.e., pierced with a nail, hit with a hammer, stepped on). Damaged battery packs should be returned to service center for recycling.

⚠ WARNING: Fire hazard. Do not store or carry battery so that metal objects can contact exposed battery terminals. For example, do not place battery in aprons, pockets, tool boxes, product kit boxes, drawers, etc., with loose nails, screws, keys, etc.

Transporting batteries can possibly cause fires if the battery terminals inadvertently come in contact with conductive materials such as keys, coins, hand tools and the like. The US Department of Transportation Hazardous Material Regulations (HMR) actually prohibit transporting batteries in commerce or on airplanes (i.e., packed in suitcases and carry-on luggage) **UNLESS** they are properly protected from short circuits. So when transporting individual batteries, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit. **NOTE: LI-ION batteries should not be put in checked baggage.**

STORAGE RECOMMENDATIONS

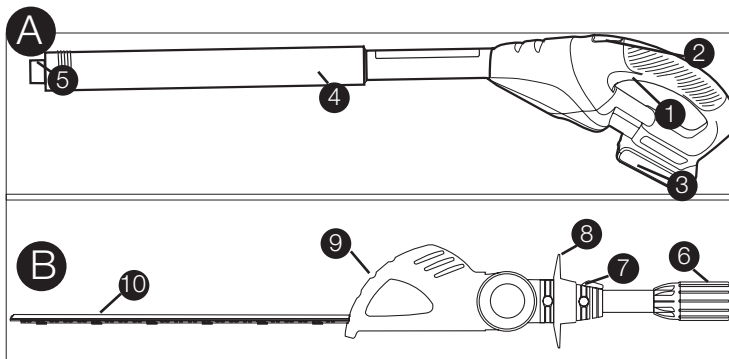
1. The best storage place is one that is cool and dry away from direct sunlight and excess heat or cold.
2. Long-term storage will not harm the battery pack or charger, unless the battery is depleted.

BLACK+DECKER Battery and Charger Systems							
Chargers/Charge Time** (Hours) (0% to 100% charge)							
20V MAX* Batteries	Watt Hours	20V MAX* Chargers					
		LCS200	LCS1620	LCS201	L2AFC	L2AFCBST	BDCAC202B
LBX20	26	6.5	3.25	1.3	0.65	0.65	0.65
LBXR20	30	7.5	3.75	1.5	0.75	0.75	0.75
LBXR20BT	30	7.5	3.75	1.5	0.75	0.75	0.75
LBXR2020	40	10	5	2	1	1	1
LBXR2520	50	12.5	6.25	2.5	1.25	1.25	1.25
LB2X3020	60	15	7.5	3	1.5	1.5	1.5
LB2X4020	80	20	10	4	2	2	2

**All charge times are approximate. Actual charge time may vary.

COMPONENTS

Before using your Pole Trimmer familiarize yourself with all operating and safety features.

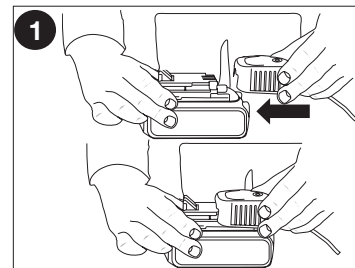


1. Trigger Switch
2. Lock Button
3. Battery
4. Foam Gripper
5. Threaded Pole
6. Threaded Sleeve

7. Locking Latch
8. Hand Guard
9. Five Position Head
10. Trimmer Blade

CHARGING PROCEDURE

1. Plug the charger into an appropriate outlet before inserting the battery pack.
2. Insert the battery pack into the charger as shown in **figure 1**.
3. The green LED will flash indicating that the battery is being charged.
4. The completion of charge is indicated by the green LED remaining on continuously. The pack is fully charged and may be used at this time or left on the charger.



Recharge discharged batteries as soon as possible after use or battery life may be greatly diminished. It is recommended that the batteries be recharged after each use.

IMPORTANT CHARGING NOTES

1. Longest life and best performance can be obtained if the battery pack is charged when the air temperature is between 60°F and 80°F (16°- 27°C). DO NOT charge the battery pack in an air temperature below +40°F (+4.5°C), or above +105°F (+40.5°C). This is important and will prevent serious damage to the battery pack.
2. The charger and battery pack may become warm to touch while charging. This is a normal condition, and does not indicate a problem. To facilitate the cooling of the battery pack after use, avoid placing the charger or battery pack in a warm environment such as in a metal shed, or an uninsulated trailer.
3. If the battery pack does not charge properly:
 - a. Check current at receptacle by plugging in a lamp or other appliance
 - b. Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights.
 - c. Move charger and battery pack to a location where the surrounding air temperature is approximately 60°F and 80°F (16°- 27°C)

- d. If charging problems persist, take the tool, battery pack and charger to your local service center.
4. The battery pack should be recharged when it fails to produce sufficient power on jobs which were easily done previously. DO NOT CONTINUE to use under these conditions. Follow the charging procedure. You may also charge a partially used pack whenever you desire with no adverse affect on the battery pack.
5. Foreign materials of a conductive nature such as, but not limited to, steel wool, aluminum foil, or any buildup of metallic particles should be kept away from charger cavities. Always unplug the charger from the power supply when there is no battery pack in the cavity. Unplug charger before attempting to clean.
6. Do not freeze or immerse charger in water or any other liquid.

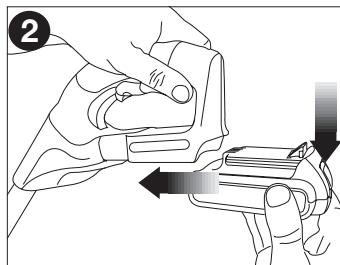
⚠WARNING: Shock hazard. Do not allow any liquid to get inside charger. *Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, return to a service center for recycling.*

INSTALLING / REMOVING BATTERY PACK

⚠WARNING: Make certain the lock-off button is engaged to prevent switch actuation before removing or installing battery.

TO INSTALL BATTERY PACK: Insert battery pack into tool until an audible click is heard (**figure 2**).

TO REMOVE BATTERY PACK: Depress the battery release button in the back of the battery pack and pull battery pack out of tool (**figure 2**).



Transporting the Pole Trimmer

Always remove the battery from the tool when transporting the Pole Trimmer. Hold pole at balance point with blades towards the rear.

Storing the Pole Trimmer

⚠WARNING: Sharp moving blade. To prevent accidental operation, insure that battery is disconnected from the handle before performing the following operations. Failure to do this could result in serious personal injury.

1. Disconnect battery from tool.
2. The best storage place is one that is cool and dry away from direct sunlight and excess heat or cold.

ASSEMBLY

Joining Trimmer Head Module to Handle Module

⚠WARNING: Sharp moving blade. To prevent accidental operation, insure that battery is disconnected from the handle before performing the following operations. Failure to do this could result in serious personal injury.

Combining the handle module (A) to the trimmer head module (B) creates a pole trimmer that is approximately 6 foot in length as shown in **figure 3**.



To attach the handle module to the trimmer head module:

1. Align the **groove** on the **outside** of the coupling end of the handle module (A) with the **tongue** on the **inside** of the coupling end of the trimmer head module (B). See **figure 4**. Push the two sections completely together.
2. Slide the threaded sleeve (6) **figure 5** on the trimmer head module down as far as possible and rotate the sleeve clockwise until it stops and completely covers the orange threads as shown in **figure 6**.

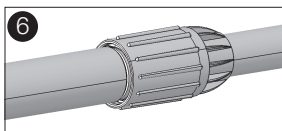
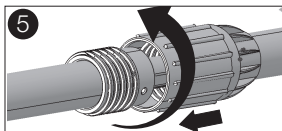
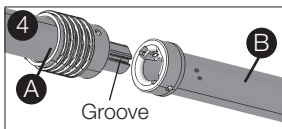
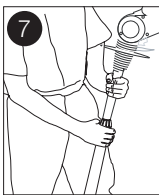
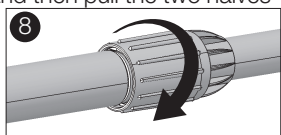
⚠ WARNING: Always check to make sure that the sleeve is completely threaded on and that the orange threads are no longer visible. Not threading the sleeve completely on could result in the modules becoming disconnected creating a hazardous condition. Periodically check the connections to insure that no orange threads are visible.

DISASSEMBLY

Detaching Trimmer Head Module

⚠ WARNING: Sharp moving blade. To prevent accidental operation, insure that battery is disconnected from the handle before performing the following operations. Failure to do this could result in serious personal injury.

When detaching the modules rest the handle module on the ground and grasp the center of the trimmer head module with one hand **figure 7**. Use your other hand to loosen the threaded sleeve **figure 8** and then pull the two halves apart.

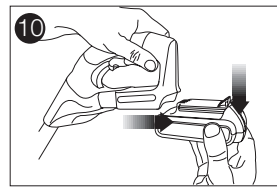
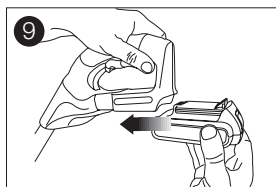


OPERATING THE POLE TRIMMER

⚠ WARNING: Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

Connecting the Battery

Place the battery in the tool as shown in **figure 9** and be certain that it is inserted fully into the tool cavity until it “clicks” into place. To remove the battery from the tool, press down on the release button on the back of the battery (**figure 10**) and slide out.



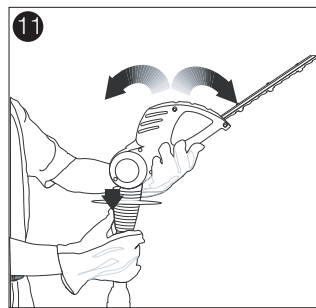
Pivoting the Trimmer Head

The trimmer head pivots 180 degrees and can be locked into 5 different positions within that range. To avoid being pinched, wear gloves and hold unit as shown below.

Before connecting the battery to the unit, be sure the trimmer head is locked into position.

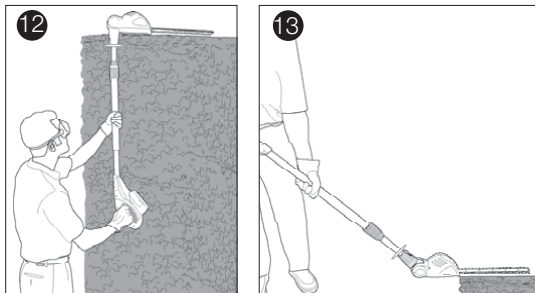
To pivot the trimmer head:

1. Press in on the locking latch (7) and raise the trimmer head as shown in **figure 11**.
2. Lock the trimmer head into any of the 5 positions. Check to make sure that trimmer head is locked into position by trying to move the motor housing. If it is not locked, rotate it to the closest lock position.



Operating Positions

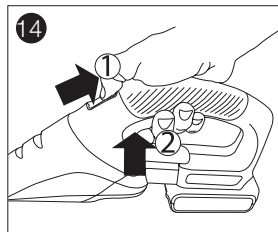
With its unique design the trimmer can be used to trim and shape hard to reach areas of hedges and bushes such as those shown in **fig. 12** and **13**.



Switch

Always be sure of your footing and grip the Pole Trimmer firmly with both hands with the thumb and fingers encircling the handle.

To turn the tool ON pull the lock button (1) back with your thumb and then squeeze the trigger (2) with your fingers as shown in **figure 14**. (Once the tool is running you can release the lock button.) To turn the tool OFF, release the trigger.



Trimming Instructions

- WORKING POSITION** - Maintain proper footing and balance and do not overreach. Wear safety goggles, non-skid footwear and gloves when trimming. Hold the tool firmly in both hands and turn the tool ON. Always hold the trimmer, as shown in the illustrations in this manual, with one hand on the switch handle and one hand on the pole. Never hold the tool by the hand guard.
- TRIMMING NEW GROWTH** - A wide, sweeping motion, feeding the blade teeth through the twigs is most effective. A slight downward tilt of the blade, in the direction of motion gives the best cutting. Do not cut stems greater than 3/8" (10mm). Use the trimmer only for

cutting normal shrubbery around houses and buildings.

- LEVEL HEDGES** - To obtain exceptionally level hedges a piece of string can be stretched along the length of the hedge as a guide.
- SIDE-TRIMMING HEDGES** - Begin at the bottom and sweep up.

⚠ WARNING: TO GUARD AGAINST INJURY, OBSERVE THE FOLLOWING:

- **READ AND UNDERSTAND INSTRUCTION MANUAL BEFORE USING.**
- **SAVE INSTRUCTION MANUAL.**
- **KEEP HANDS AWAY FROM BLADES.**
- **KEEP HANDS ON HANDLE AND POLE. DON'T OVERREACH.**
- **BLADE COASTS AFTER TURN OFF.**
- **DO NOT USE UNDER WET CONDITIONS.**

IMPORTANT: To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by authorized service centers or other qualified service organizations, always using identical replacement parts.

ACCESSORIES

⚠ WARNING: DO NOT use the Pole Trimmer with any type of accessory or attachment. Such usage might be hazardous.

MAINTENANCE

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

If you drop the trimmer, carefully inspect it for damage. If the blade is bent, housing cracked, or if you see any other condition that may affect the trimmer's operation contact your local BLACK+DECKER Service Center for repairs before putting it back into use.

Fertilizers and other garden chemicals contain agents which greatly accelerate the corrosion of metals. Do not store the tool on or adjacent to fertilizers or chemicals.

TROUBLESHOOTING

If your Pole Trimmer does not operate correctly check the following:

Problem	Possible Cause	Possible Solution
<ul style="list-style-type: none">• Tool will not start.	<ul style="list-style-type: none">• Battery not installed properly.• Battery not charged.• Lock-out button not actuated.• Pole connections not properly tightened.	<ul style="list-style-type: none">• Check battery installation.• Check battery charging requirements.• Pull back on lock button/actuate trigger.• Refer to instruction manual for pole connections.
<ul style="list-style-type: none">• Battery will not charge.	<ul style="list-style-type: none">• Battery not inserted into charger.	<ul style="list-style-type: none">• Insert battery into charger until green LED appears.

With the battery removed, use only mild soap and a damp cloth to clean the tool. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid. Prevent the blades from rusting by applying a film of light machine oil after cleaning.

SERVICE INFORMATION

All BLACK+DECKER Service Centers are staffed with trained personnel to provide customers with efficient and reliable power tool service. Whether you need technical advice, repair, or genuine factory replacement parts, contact the BLACK+DECKER location nearest you.

The RBRC® Seal

The RBRC® (Rechargeable Battery Recycling Corporation) Seal on the nickel cadmium, nickel metal hydride or lithium-ion batteries (or battery packs) indicates that the costs to recycle these batteries (or battery packs) at the end of their useful life have already been paid by BLACK+DECKER. In some areas, it is illegal to place spent nickel cadmium, nickel metal hydride or lithium-ion batteries in the trash or municipal solid waste stream and the Call 2 Recycle® program provides an environmentally conscious alternative. Call 2 Recycle, Inc., in cooperation with BLACK+DECKER and other battery users, has established the program in the United States and Canada to facilitate the collection of spent nickel cadmium, nickel metal hydride or lithium-ion batteries. Help protect our environment and conserve natural resources by returning the spent nickel cadmium, nickel metal hydride or lithium-ion batteries to an authorized BLACK+DECKER service center or to your local retailer for recycling. You may also contact your local recycling center for information on where to drop off the spent battery. RBRC® is a registered trademark of Call 2 Recycle, Inc.

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or

more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This Class B digital apparatus complies with Canadian ICES-003.