

# **BLACK+** **DECKER**<sup>TM</sup>

**INSTRUCTION MANUAL**

## **CORDLESS GARDEN SHEAR**

**GSN30**  
**GSL35**

**Please read before returning this product for any reason.**

## Definitions: Safety Alert Symbols and Words

This instruction manual uses the following safety alert symbols and words to alert you to hazardous situations and your risk of personal injury or property damage.



**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**.



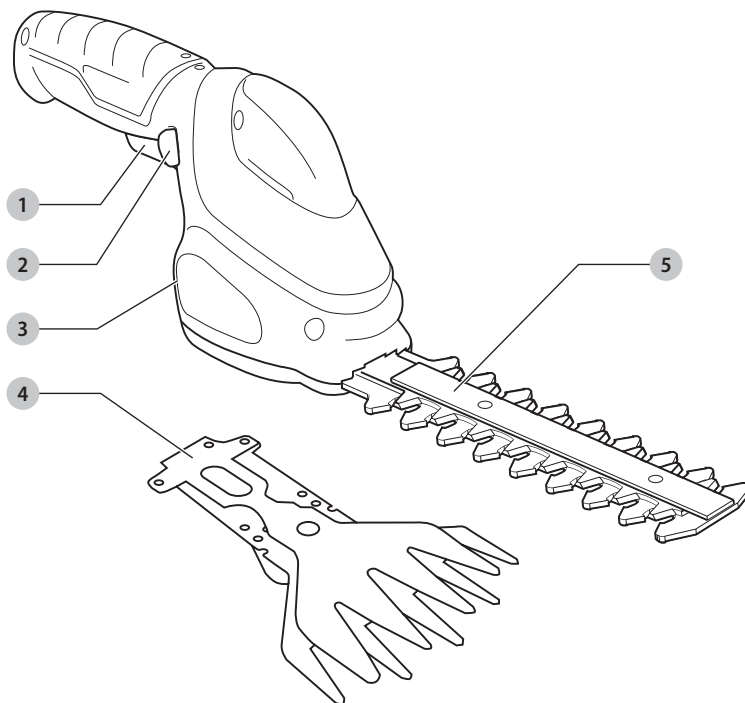
**CAUTION:** Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury**.



(Used without word) Indicates a safety related message.

**NOTICE:** Indicates a practice **not related to personal injury** which, if not avoided, **may** result in **property damage**.

Fig. A



- 1 On/off switch
- 2 Lock-off button
- 3 Blade release button
- 4 Grass Shear blade
- 5 Shrub Trim blade
- 6 Blade cover



**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.



**WARNING:** To reduce the risk of injury, read the instruction manual.

## GENERAL POWER TOOL SAFETY WARNINGS



**WARNING! Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

### SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

#### 1) Work Area Safety

- a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

#### 2) Electrical Safety

- a) **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, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) **Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or 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 - Instructions for All Shrubbers & Shears



**DANGER: KEEP HANDS AWAY FROM BLADE.** Contact with blade will result in serious personal injury.

- **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.
- **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 cable may be hidden in shrubs and can be accidentally cut by the blade.
- **AVOID DANGEROUS ENVIRONMENT.** Don't use appliances in damp or wet locations. Don't use appliances in the rain.
- **KEEP CHILDREN AWAY.** All visitors should be kept at a distance from work area.
- **Store idle appliance indoors.** When not in use, shrubber should be stored indoors with the blade cover on, in a dry, and high or locked-up place – out of reach of children.
- **Don't 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.
- **USE appliance PROPERLY.** Use only for trimming the type of shrub, growth, etc., described in the operating instructions. Do not abuse appliance.
- **USE RIGHT APPLIANCE.** Do not use the appliance for any job except that for which it is intended.
- **KEEP HANDS AND ALL PARTS OF BODY AWAY FROM BLADE,** the edges are sharp and can cause injury even when the appliance is OFF.
- **BEFORE TRIMMING,** inspect areas for wires, cords, glass or other foreign objects which could come in contact with the blade.
- **DRESS PROPERLY.** Do not wear loose clothing or jewelry. They can be caught in moving parts. Gloves and substantial, non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
- **DON'T OVERREACH.** Keep proper footing and balance at all times.
- **USE SAFETY GLASSES AND OTHER SAFETY EQUIPMENT.** Use safety goggles or safety glasses with side shields, complying with applicable safety standards and, when needed, a face shield. Also use face or dust mask if operation is dusty. This applies to all persons in the work area. Also use a hard hat, hearing protection, gloves, safety shoes and dust collection systems when specified or required. Safety glasses or the like are available at extra cost at your local dealer or BLACK+DECKER Service Center.
- **MAINTAIN APPLIANCE WITH CARE.** Keep cutting edges sharp and clean for best performance and to reduce the risk of injury. Follow instructions for proper maintenance. Keep handles dry, clean, and free from oil and grease.
- **AVOID UNINTENTIONAL STARTING.** Don't carry appliance with finger on switch.
- **DO NOT** attempt to remove cut material nor hold material to be cut when blades are moving. Make sure trimmer switch is off when clearing jammed material from blades.
- **CHECK DAMAGED PARTS.** Before further use of the appliance, 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.
- **STAY ALERT.** Watch what you are doing. Use common sense. Do not operate appliance when you are tired.

**ENGLISH**

- **REPAIRS AND SERVICE.** Repairs, maintenance and any adjustments not specified in this manual should be performed by BLACK+DECKER Authorized Service Centers or other qualified service organizations, always using identical replacement parts.
- **USE OF ACCESSORIES AND ATTACHMENTS.** The use of any accessory or attachment not recommended for use with this appliance could be hazardous.
- **DON'T GRASP THE EXPOSED CUTTING BLADES** or cutting edges when picking up or holding the appliance.
- **DO NOT OPERATE** gardening appliances in gaseous or explosive atmospheres. Motors in these appliances normally spark, and the sparks might ignite fumes.

**IMPORTANT WARNINGS FOR SHRUBBERS & SHEARS**

1. Keep hands away from blades.
2. Do not charge the appliance in rain, or in wet locations.
3. Do not use battery operated appliance in rain.

**SAVE THESE INSTRUCTIONS**

**Additional Safety Information**

**WARNING: ALWAYS** use safety glasses. Everyday eyeglasses are NOT safety glasses. Also use face or dust mask if cutting operation is dusty. ALWAYS WEAR CERTIFIED SAFETY EQUIPMENT:

- ANSI Z87.1 eye protection (CAN/CSA Z94.3),
- ANSI S12.6 (S3.19) hearing protection,
- NIOSH/OSHA/MSHA respiratory protection.

**WARNING:** Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- lead from lead-based paints,
- crystalline silica from bricks and cement and other masonry products, and
- arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

- **Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling, and other construction activities. Wear protective clothing and wash exposed areas with soap and water.** Allowing dust to get into your mouth, eyes, or lay on the skin may promote absorption of harmful chemicals.













**WARNING:** Use of this tool can generate and/or disperse dust, which may cause serious and permanent respiratory or other injury. Always use NIOSH/OSHA approved respiratory protection appropriate for the dust exposure. Direct particles away from face and body.

**WARNING:** Always wear proper personal hearing protection that conforms to ANSI S12.6 (S3.19) during use. Under some conditions and duration of use, noise from this product may contribute to hearing loss.

**CAUTION:** When not in use, place tool on its side on a stable surface where it will not cause a tripping or falling hazard. Some tools with large battery packs will stand upright on the battery pack but may be easily knocked over.

- **Air vents often cover moving parts and should be avoided.** Loose clothes, jewelry or long hair can be caught in moving parts.

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

V .....	voltage		or AC/DC... alternating or direct current
Hz .....	hertz		
min .....	minutes		Class II Construction (double insulated)
 or DC.....	direct current		
	Class I Construction (grounded)	$n_0$ .....	no load speed
.../min.....	per minute	$n$ .....	rated speed
BPM .....	beats per minute		earthing terminal
IPM .....	impacts per minute		safety alert symbol
RPM .....	revolutions per minute		visible radiation
sfpm .....	surface feet per minute		wear respiratory protection
SPM .....	strokes per minute		wear eye protection
A .....	amperes		wear hearing protection
W .....	watts		read all documentation
 or AC.....	alternating current		

**BATTERIES AND CHARGERS**

The battery pack is not fully charged out of the carton. Before using the battery pack and charger, read the safety instructions below and then follow charging procedures outlined. When ordering replacement battery packs, be sure to include the catalog number and voltage. Your tool uses a BLACK+DECKER charger. Be sure to read all safety instructions before using your charger. Consult the chart at the end of this manual for compatibility of chargers and battery packs.

**READ ALL INSTRUCTIONS**

**Important Safety Instructions for All Battery Packs**

**WARNING:** Read all safety warnings and all instructions for the battery pack, charger and power tool. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

- **Do not charge or use the battery pack in explosive atmospheres, such as in the presence of flammable**

**liquids, gases or dust.** Inserting or removing the battery pack from the charger may ignite the dust or fumes.

- **NEVER force the battery pack into the charger. DO NOT modify the battery pack in any way to fit into a non-compatible charger as battery pack may rupture causing serious personal injury.** Consult the chart at the end of this manual for compatibility of batteries and chargers.
  - Charge the battery packs only in designated BLACK+DECKER chargers.
  - **DO NOT splash or immerse in water or other liquids.**
  - **Do not store or use the tool and battery pack in locations where the temperature may reach or exceed 104 °F (40 °C) (such as outside sheds or metal buildings in summer).** For best life store battery packs in a cool, dry location.
- NOTE: Do not store the battery packs in a tool with the trigger switch locked on. Never tape the trigger switch in the ON position.**
- **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 lithium ion battery packs are burned.
  - **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 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.



**WARNING:** Fire hazard. Never attempt to open the battery pack for any reason. If the battery pack case is cracked or damaged, do not insert into the charger. Do not crush, drop or damage the 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 (e.g., pierced with a nail, hit with a hammer, stepped on). Damaged battery packs should be returned to the service center for recycling.

## Transportation



**WARNING: Fire hazard. Do not store or carry the battery pack so that metal objects can contact exposed battery terminals.** For example, do not place the battery pack 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 in carry-on baggage UNLESS they are properly protected

from short circuits. So when transporting individual battery packs, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.

## 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.





## Important Safety Instructions for All Battery Chargers

 **WARNING:** Read all safety warnings and all instructions for the battery pack, charger and power tool. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

- **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 BLACK+DECKER rechargeable batteries.** Any other uses may result in risk of fire, electric shock or electrocution.
- **Do not expose the charger to rain or snow.**
- **Pull by the plug rather than the cord when disconnecting the charger.** This will reduce the risk of damage to the electric plug and cord.
- **Make sure that the 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.
- **When operating a charger outdoors, always provide a dry location and use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **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. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. When using more than one extension to make up the total length, be sure each individual extension contains at least the minimum wire size. The following table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The lower the gauge number, the heavier the cord.


Minimum Gauge for Cord Sets


Volts		Total Length of Cord in Feet (meters)			
120 V		25 (7.6)	50 (15.2)	100 (30.5)	150 (45.7)
240 V		50 (15.2)	100 (30.5)	200 (61.0)	300 (91.4)
Ampere Rating		American Wire Gauge			
More Than	Not More Than				
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not Recommended	


- **Do not place any object on top of the 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 operate the charger with a damaged cord or plug.**
- **Do not operate the 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 the 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 120V household electrical power. Do not attempt to use it on any other voltage.** This does not apply to the vehicular charger.

 **WARNING:** Shock hazard. Do not allow any liquid to get inside the charger. Electric shock may result.


 **WARNING:** Burn hazard. Do not submerge the battery pack in any liquid or allow any liquid to enter the battery pack. 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.

 **CAUTION:** Burn hazard. To reduce the risk of injury, charge only BLACK+DECKER rechargeable battery packs. Other types of batteries may overheat and burst resulting in personal injury and property damage.

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

## Charging Procedure

The battery needs to be charged before first use and whenever it fails to produce sufficient power on jobs that were easily done before. When charging the battery for the first time, or after prolonged storage, it will only accept an 80% charge. After several charge and discharge cycles, the battery will attain full capacity. The battery may become warm while charging; this is normal and does not indicate a problem.

 **WARNING:** Do not charge the battery at ambient temperatures below 36° F (2°C) or above 104° F (40°C). Recommended charging temperature: Approximately 75° F (24°C).

**Note: The charger plug incorporates lock outs to prevent the use of incorrect chargers. The plug must be correctly oriented when inserted.**

- Insert the charger plug into the charger connector at the rear of the tool (fig. B).
- Plug the charger into a 120V outlet.
- Charge the tool for 10 hours before first use.

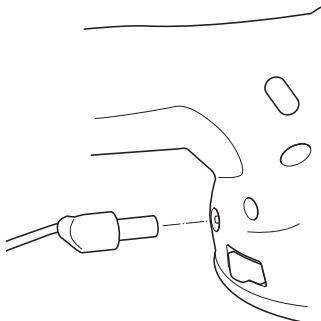
**For catalog numbers GSL35, GSL75:**

- The charger indicator light will come on indicating that the tool is charging.
- When the charge is complete the light will go out.

**For catalog numbers GSN30, GSN32, GSN35:**

- The charger indicator light will come on indicating that the tool is charging.
- The light will stay on as long as the charger is connected to the tool and plugged into a working outlet.
- It WILL NOT flash, or go out when the charging cycle is complete. To maximize the lifetime of the battery, it is recommended to keep the battery
- connected to the charger whenever the tool is not in use. When the battery is full, the power consumption of the charger is negligible.

Fig. B



### Important Charging Notes

1. After normal usage, your tool should be fully charged in 8 to 10 hours. Your tool was sent from the factory in an uncharged condition. Before attempting to use it, it must be charged for at least 10 hours.
2. DO NOT charge the batteries 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 batteries. Longest life and best performance can be obtained if batteries are charged when air temperature is about 75°F (23,8° C).
3. While charging, the charger may hum and become warm to touch. This is a normal condition and does not indicate a problem.
4. If the batteries do not charge properly—(1) Check current at receptacle by plugging in a lamp or other appliance. (2) Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights. (3) Move charger and tool to a surrounding air temperature of 40°F (4,5° C) to 105°F (40,5° C). (4) If the receptacle and temperature are ok, and you do not

get proper charging, take or send the tool and charger to your local BLACK+DECKER service center.

The tool should be recharged when it fails to produce sufficient power on jobs which were easily done previously. DO NOT CONTINUE using product with its batteries in a depleted condition

### Storage Recommendations

1. The best storage place is one that is cool and dry, away from direct sunlight and excess heat or cold.
2. For long storage, it is recommended to store a fully charged battery pack in a cool dry place out of the charger for optimal results.

**NOTE:** Battery packs should not be stored completely depleted of charge. The battery pack will need to be recharged before use.

### SAVE THESE INSTRUCTIONS FOR FUTURE USE

### COMPONENTS (FIG. A)

**WARNING:** Never modify the power tool or any part of it. Damage or personal injury could result.

Refer to Figure A at the beginning of this manual for a complete list of components.

### INTENDED USE

Your BLACK+DECKER cordless garden shear has been designed for cutting, and trimming applications. This product is intended for garden, consumer use only.

**DO NOT** use under wet conditions or in presence of flammable liquids or gases.

**DO NOT** let children come into contact with the tool.

Supervision is required when inexperienced operators use this tool.

### ASSEMBLY AND ADJUSTMENTS

**WARNING:** To reduce the risk of serious personal injury, turn unit off before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

**WARNING:** Avoid accidentally switching the tool on during assembly.

### Fitting and removing the blade (Fig. C–E)

The shear blade 4 has been designed for trimming grass and weeds. The trim blade 5 has been designed for trimming hedges and shrubs.

- To remove the blade cover 6.
- Push and hold the blade release button 3 in the direction of the arrow (Fig. C)
- Slide the blade cover 6 backwards and lift it off (Fig. D).
- While holding the blade onto the pins (Fig. E), locate the blade cover 6 and slide it forward (Fig. D).



## ENGLISH

**NOTE:** No alignment of blade with drive pin is required and operation of the blade cover release button is not required when re-fitting the blade cover.

Fig. C

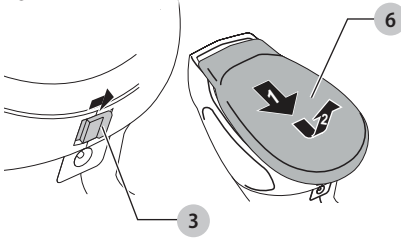


Fig. D

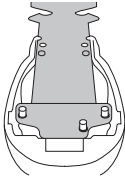
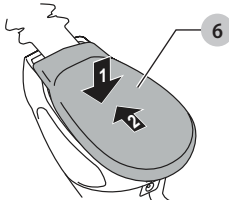


Fig. E



## OPERATION

**WARNING:** To reduce the risk of serious personal injury, turn unit off before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

### Proper Hand Position

**WARNING:** To reduce the risk of serious personal injury, ALWAYS use proper hand position as shown.

**WARNING:** To reduce the risk of serious personal injury, ALWAYS hold securely in anticipation of a sudden reaction.

Proper hand position requires one hand on the main handle.

**CAUTION:** Blades coast after turn off.

### Switching on

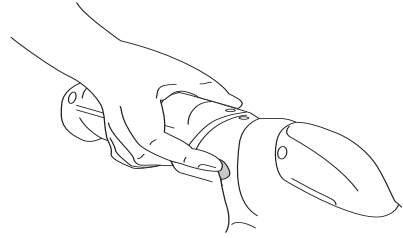
- Push and hold the lock button 2 (Fig. E) to the right or to the left and then squeeze the on/off switch 1.
- Release the lock-off button. (Fig. F)

### Switching off

- Release the on/off switch 1.

**WARNING:** Never attempt to lock the switch in the on position.

Fig. F



## Hints for optimum use (Figs. G–J)

### Trimming Grass

**CAUTION:** Blades coast after turn off.

- In order to achieve optimum cutting results, only cut dry grass.
- Hold the tool as shown in fig. G & H. Keep your other hand well away from the blade. Maintain a stable working position so that you do not slip. Do not overreach.
- When cutting long grass, work in stages from the top. Take small cuts.
- Keep the tool away from hard objects and delicate plants.
- If the tool starts running slowly, reduce the load.
- To make a closer cut, slightly tilt the tool.
- Spray the blade with a light coating of general purpose oil before first use and whenever the blades begin to look dry.

Fig. G

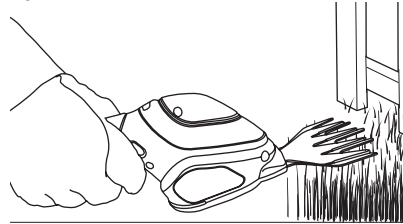


Fig. H



### Trimming Hedges

**CAUTION:** Blades coast after turn off.

- Slightly tilt the tool (up to 15° relative to the line of cut) so that the blade tips point slightly towards the hedge (Fig. I). This will cause the blades to cut more effectively.

- Start by trimming the top of the hedge.
- Hold the tool at the desired angle and move it steadily along the line of cut. The double-sided blade allows you to cut in either direction.
- In order to obtain a very straight cut, stretch a piece of string along the length of the hedge at the desired height. Use the string as a guide line, cutting just above it.
- In order to obtain flat sides, cut upwards with the growth (Fig. J). Younger stems move outwards when the blade cuts downwards, causing shallow patches in the hedge.
- Take care to avoid any foreign objects. Especially avoid hard objects such as metal wire and railings, as these could damage the blades.
- Regularly oil the blades.

Fig. I

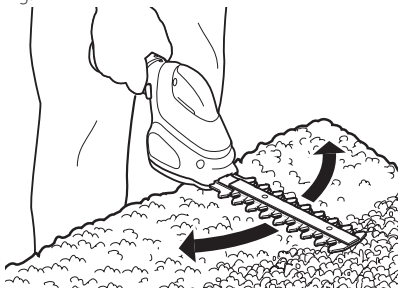
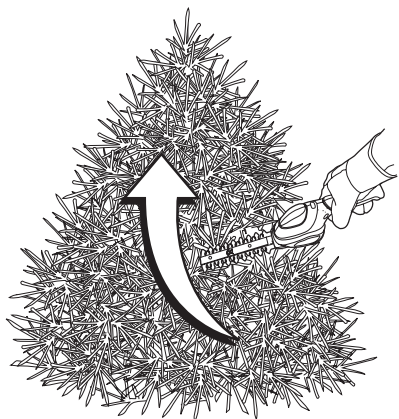


Fig. J



## MAINTENANCE

- ⚠ **WARNING:** To reduce the risk of serious personal injury, turn unit off before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

## Lubrication

- ⚠ **WARNING:** NEVER spray or in any other way apply lubricants or cleaning solvents inside the tool. This can seriously affect the life and performance of the tool and may result in personal injury.

BLACK+DECKER tools are properly lubricated at the factory and are ready for use. However, it is recommended that, once a year, you take or send the tool to a certified service center for a thorough cleaning and inspection.

## Cleaning

- ⚠ **WARNING:** Blow dirt and dust out of all air vents with clean, dry air at least once a week. To minimize the risk of eye injury, always wear ANSI Z87.1 approved eye protection when performing this.
- ⚠ **WARNING:** Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the plastic materials used in these parts. Use a cloth dampened only with water and mild soap. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

Use only mild soap and damp cloth to clean the tool. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

**IMPORTANT:** To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (other than those listed in this manual) should be performed by authorized service centers or other qualified service personnel, always using identical replacement parts.

## Repairs

The charger and battery pack are not serviceable.

- ⚠ **WARNING:** To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (including brush inspection and replacement, when applicable) should be performed by a BLACK+DECKER factory service center or a BLACK+DECKER authorized service center. Always use identical replacement parts.

## Register Online

Thank you for your purchase. Register your product now for:

- **WARRANTY SERVICE:** Registering your product will help you obtain more efficient warranty service in case there is a problem with your product.
- **CONFIRMATION OF OWNERSHIP:** In case of an insurance loss, such as fire, flood or theft, your registration of ownership will serve as your proof of purchase.
- **FOR YOUR SAFETY:** Registering your product will allow us to contact you in the unlikely event a safety notification is required under the Federal Consumer Safety Act.

Re

## ACCESSORIES

Recommended accessories for use with your appliance are available from your local dealer or authorized service center.

- ⚠ **WARNING:** The use of any accessory not recommended for use with this appliance could be hazardous.

ENGLISH

## 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.



## Troubleshooting Guide

BE SURE TO FOLLOW SAFETY RULES AND INSTRUCTIONS

<b>PROBLEM</b>	<b>POSSIBLE CAUSE</b>	<b>POSSIBLE SOLUTION</b>
<ul style="list-style-type: none"><li>- Unit will not start.</li></ul>	<ul style="list-style-type: none"><li>- Charger not plugged into a working outlet. or not plugged into shear shrubber.</li></ul>	<ul style="list-style-type: none"><li>- Plug charger into a working outlet. Refer to "Important Charging Notes" for more details.</li><li>- Check current at receptacle by plugging in a lamp or other appliance.</li><li>- Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights.</li></ul>
	<ul style="list-style-type: none"><li>- Charger plug not fully inserted into tool socket.</li></ul>	<ul style="list-style-type: none"><li>- Check to be sure charger plug is fully inserted into tool charging socket.</li></ul>
	<ul style="list-style-type: none"><li>- Surrounding air temperature too hot or too cold.</li></ul>	<ul style="list-style-type: none"><li>- Move charger and tool to a surrounding air temperature of above 40 degree F(4.5°C) or below 105 degree F (+40.5°C).</li></ul>

Discover other hedge trimmers on our website.