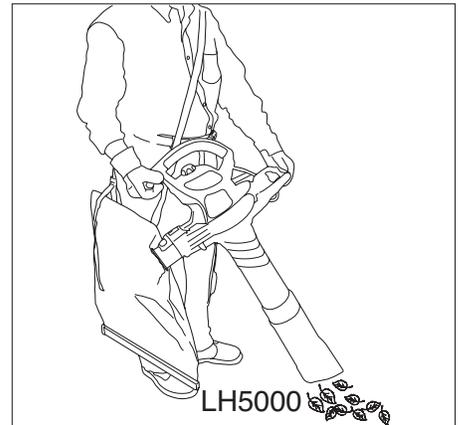
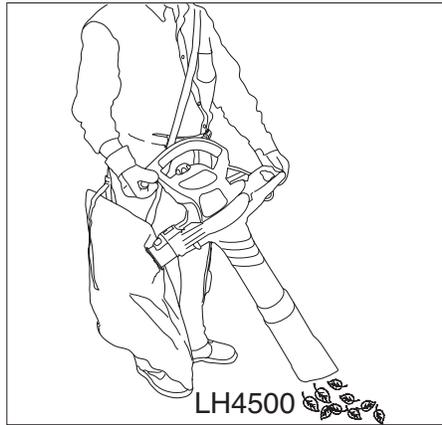
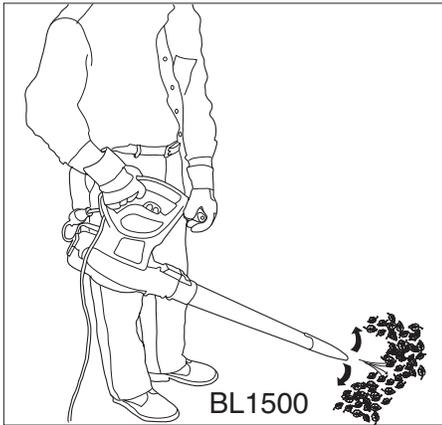




BLOWER AND BLOWER VACUUMS

INSTRUCTION MANUAL



THANK YOU FOR CHOOSING BLACK & DECKER!
GO TO WWW.BLACKANDDECKER.COM/NEWOWNER
TO REGISTER YOUR NEW PRODUCT.

**BEFORE RETURNING THIS PRODUCT
FOR ANY REASON PLEASE CALL
1-800-544-6986**

BEFORE YOU CALL, HAVE THE CATALOG No. AND DATE CODE AVAILABLE. IN MOST CASES, A

BLACK & DECKER REPRESENTATIVE CAN RESOLVE THE PROBLEM OVER THE PHONE. IF YOU HAVE A SUGGESTION OR COMMENT, GIVE US A CALL. YOUR
FEEDBACK IS VITAL TO BLACK & DECKER.

KEY INFORMATION YOU SHOULD KNOW:

- Before operating, make sure that either the blower or vacuum tube assembly is locked in place.

SAVE THIS MANUAL FOR FUTURE REFERENCE.

VEA EL ESPAÑOL EN LA CONTRAPORTADA.

INSTRUCTIVO DE OPERACIÓN, CENTROS DE SERVICIO Y PÓLIZA DE GARANTÍA.

⚠ **ADVERTENCIA:** LÉASE ESTE INSTRUCTIVO ANTES DE USAR EL PRODUCTO.

⚠ WARNING: Important Safety Warnings and Instructions

PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS CAREFULLY BEFORE USING THE UNIT.

To Reduce Risk of Injury:

- Before any use, be sure everyone using this tool reads and understands all safety instructions and other information contained in this manual.
- Save these instructions and review frequently prior to use and in instructing others.

⚠ WARNING: When using electrical appliances, basic safety precautions should always be followed, including the following:

⚠ 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.

⚠ WARNING: This product contains chemicals, including lead, known to the State of California to cause cancer, and birth defects or other reproductive hands. **Wash hands after handling.**

⚠ CAUTION: Wear appropriate personal hearing protection during use. Under some conditions and duration of use, noise from this product may contribute to hearing loss.

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.

READ ALL INSTRUCTIONS BEFORE USING BLOWER.

⚠ General Safety Warnings and Instructions for all Tools

- **READ** and follow all instructions.
- **DO NOT** place inlet or outlet of vacuum near eyes or ears when operating.
- **THIS APPLIANCE IS PROVIDED WITH DOUBLE INSULATION.** Use only identical replacement parts. See instructions for servicing of double insulated appliances.
- **STORE IDLE TOOLS.** When not in use, the unit should be stored in a dry, high or locked-up place - out of reach of children.
- **DON'T OVERREACH.** Keep proper footing and balance at all times.
- **DO NOT** pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.
- **MAINTAIN TOOL WITH CARE.** Keep fan area clean for best and safest performance. Follow instructions for proper maintenance.
- **DO NOT** attempt to repair the blower/vac. To assure product safety and reliability, repairs, maintenance, and adjustments should be performed by Black & Decker service centers or authorized service stations, always using Black & Decker replacement parts.
- **DO NOT** operate blower/vac in a gaseous or explosive atmosphere. Motors in these tools normally spark, and the sparks might ignite fumes.
- **DO NOT** use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- **USE EXTRA CARE** when cleaning on stairs.
- **DO NOT** leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
- **DO NOT** allow to be used as a toy. Close attention is necessary when used by or near children. Not recommended for use by children.
- **DO NOT** attempt to clear clogs from tool without first unplugging it.
- **USE ONLY** as described in this manual. Use only manufacturer's recommended attachments.
- **DO NOT** use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- **DO NOT** pull or carry by cord, use cord as a handle, or pull cord around sharp edges or corners. Keep cord away from heated surfaces.
- **DO NOT** unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- **DO NOT** put any objects into openings. Do not use with any opening blocked; keep free of dust, lint, hair and everything that may reduce air flow.
- **KEEP** hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- **TURN OFF** all controls before unplugging.
- **DO NOT** vacuum water, other liquids, or wet objects. Never immerse any part of the tool in liquid.
- **DO NOT** handle plug or appliance with wet hands.
- **KEEP CHILDREN, BYSTANDERS AND ANIMALS AWAY** from the work area a minimum of 30 feet (10 meters) when starting or operating the tool. Do not blow debris in directions of bystanders.
- **INSPECT THE AREA** before using the tool. Remove all debris and hard objects such as rocks, glass, wire, etc. that can ricochet, be thrown, or otherwise cause injury or damage during operation. As a vacuum, the tool is designed to pick up dry material such as leaves, grass, small twigs, and bits of paper. Do not vacuum stones, gravel, metal, broken glass, etc.
- **⚠ WARNING: Shock Hazard.** To reduce the risk of electrical shock; do not expose to rain, do not use on wet surfaces. Store indoors.
- **⚠ WARNING: Cut Hazard.** Turn off and unplug unit, then wait until fan stops or at least 10 seconds before removing the blower or vacuum tube assemblies.

SAVE THESE INSTRUCTIONS

Servicing of Double Insulated Appliances

Your Blower/Vac is double-insulated to give you added safety. In a double insulated appliance, two systems of insulation are provided instead of grounding. No grounding means is provided on a double insulated appliance, nor should a means for grounding be added to the appliance. Servicing a double insulated appliance requires extreme care and knowledge of the system and should be done only by qualified service personnel. Replacement parts for a double insulated appliance must be identical to the parts they replace. A double insulated appliance is marked with the words double insulated or "double insulation". The symbol (square within a square) may also be marked on the appliance.

⚠ Safety Rules and Instructions: Extension Cords

Double insulated tools have 2-wire cords and can be used with 2-wire or 3-wire extension cords. Only round jacketed extension cords should be used, and we recommend that they be listed by Underwriters Laboratories (U.L.) (C.S.A. in Canada). If the extension will be used outside, the cord must be suitable for outdoor use. Any cord marked as outdoor can also be used for indoor work.

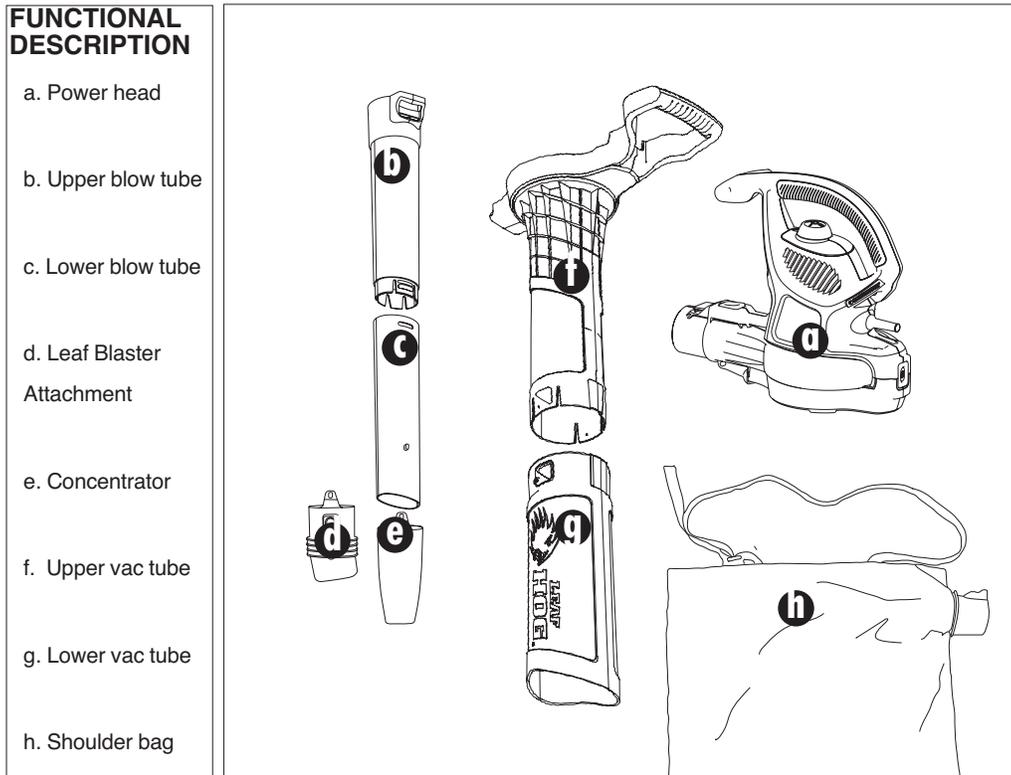
An extension cord must have adequate wire size (AWG or American Wire Gauge) for safety, and to prevent loss of power and overheating. The smaller the gauge number of the wire, the greater the capacity of the cable, that is 16 gauge has more capacity than 18 gauge. When using more than one extension to make up the total length, be sure each individual extension contains at least the minimum wire size. Before using an extension cord, inspect it for loose or exposed wires, damaged insulation, and defective fittings. Make any needed repairs or replace the cord if necessary.

To determine the minimum wire size required, refer to the chart:

Volts	Minimum Gauge for Cord Sets				
	Total Length of Cord in Feet				
120V	0-25	26-50	51-100	101-150	
	(0-7,6m)	(7,6-15,2m)	(15,2-30,4m)	(30,4-45,7m)	
240V	0-50	51-100	101-200	201-300	
	(0-15,2m)	(15,2-30,4m)	(30,4-60,9m)	(60,9-91,4m)	
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	

⚠ Safety Rules and Instructions: Polarized Plug

To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This equipment must be used with a suitable polarized 2 wire or 3 wire extension cord. Polarized connections will fit together only one way. Make sure that the receptacle end of the extension cord has large and small blade slot widths. If the plug does not fit fully into the extension cord, reverse the plug. If it still does not fit, obtain a suitable extension cord. If the extension cord does not fit fully into the outlet, contact a qualified electrician to install the proper outlet. Do not change the tool plug or extension cord in any way.

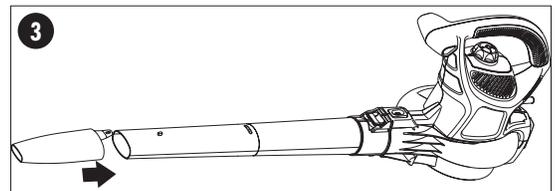
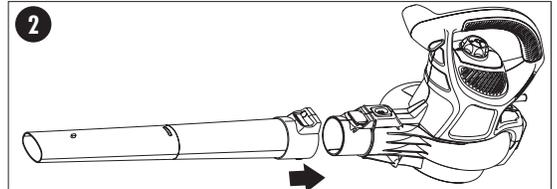
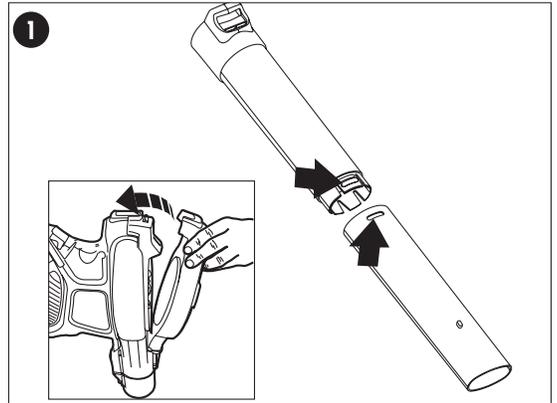


ASSEMBLY FOR BLOW MODE

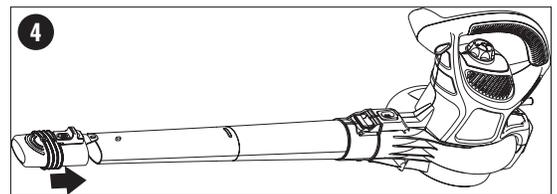
⚠ WARNING: Before attempting any of the assembly steps below, ensure product is switched off and disconnected from the power supply.

BLOW TUBE ASSEMBLY (FIGURES 1-4)

- Ensure grill cover is attached to the power head. If not, attach cover as shown in the inset of **figure 1**. **NOTE:** Unit will not operate in blow mode without grill cover in place. Align the upper and lower tubes as shown in **figure 1**.
- Push the lower tube firmly into the upper tube, until the tubes click into place.
- Blow tubes must be assembled to the power head before use.
- Never operate without both lower and upper tubes assembled.
- In the interest of safety, it is not intended for the tubes to be separated once assembled.
- Push the tube assembly onto the power head until it is in the fully locked position (**figure 2**).



- Use the air concentrator attachment to target air flow to a tighter area. Add the attachment to the assembly as shown in **figure 3**. Push on until hole in tab engages raised post on tube.

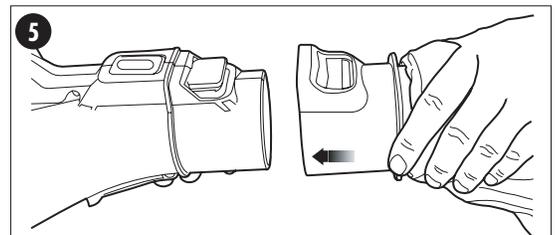


- Use the leaf blaster attachment to rapidly move air back and forth to remove stubborn debris from grassy areas. Add the tube to the assembly as shown in **figure 4**. Push on until hole in tab engages raised post on tube. To lock the leaf blaster attachment and reduce the back and forth motion, push forward on the locking tab.

ASSEMBLY FOR VACUUM MODE

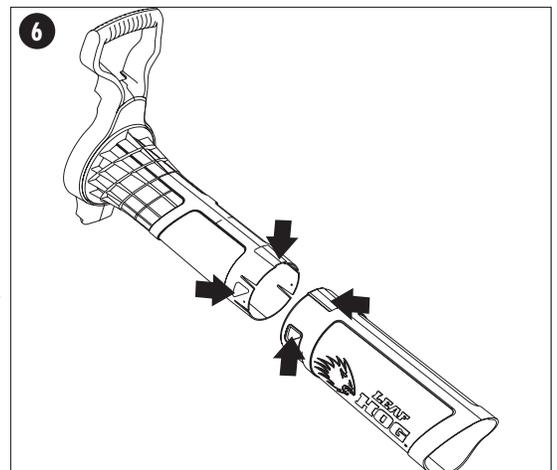
SHOULDER COLLECTION BAG (FIGURE 5)

- Attach the shoulder collection bag to the power head as shown in **figure 5**.

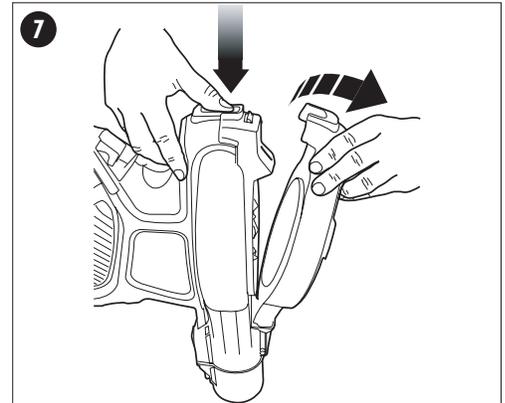


VACUUM TUBE ASSEMBLY (FIGURES 6, 7, 8)

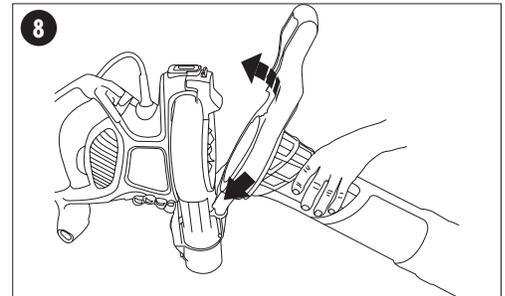
- Vacuum tubes must be assembled together before use.
- Align the notches and the triangles on upper and lower tubes. (**figure 6**)
- Push the lower tube firmly into the upper tube, until the triangles click into place. (Never operate apart).
- In the interest of safety, it is not intended for the tubes to be separated once assembled.



- Remove the fan cover from the bottom of the power head by pressing the spring loaded release button (located on the back of the power head) and pulling the cover off (**figure 7**).

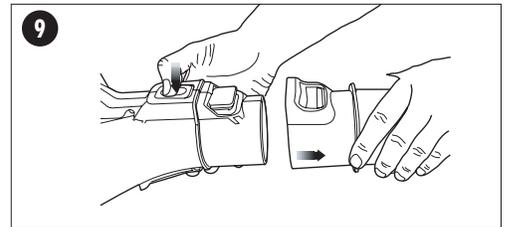


- Attach the vacuum tube assembly to the power head (**figure 8**) by locating the assembly as indicated by arrow, then pivot about this point until the locking/release catch is fully engaged.



REMOVING BLOW TUBE, VAC TUBE OR COLLECTION BAG (FIGURE 7 & 9)

- To remove the blow tube, vac tube or shoulder collection bag, depress the release button on the power head and pull straight off (**figure 7 & 9**).



OPERATION

USE AS A BLOWER:

ALWAYS WEAR SAFETY GLASSES. WEAR A FILTER MASK IF THE OPERATION IS DUSTY. USE OF RUBBER GLOVES AND SUBSTANTIAL FOOTWEAR IS RECOMMENDED WHEN WORKING OUTDOORS. FOR HOUSEHOLD USE ONLY.

⚠ WARNING: CUT HAZARD. When turning the tool off for tube installation or any other reason, wait 10 seconds for the fan to stop rotating before disassembly.

- Do not use in vacuum mode without the vacuum tubes and collection bag in place.
- Always switch off and remove the plug from the electrical supply when:
 - Changing from blower to vacuum.
 - The power supply cord has become damaged or entangled.
 - You leave blower/vac unattended.
 - Clearing a blockage.
 - Checking, adjusting, cleaning or working on blower/vac.
- Use blower/vac only in daylight or good artificial light.

ON/OFF SWITCH (FIGURE 10)

MODEL LH5000

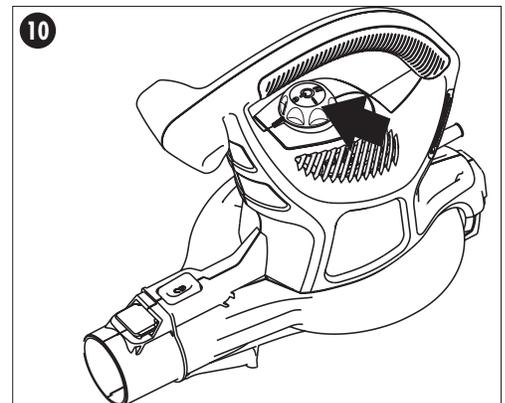
Your blower vac is fitted with a variable speed switch located on the top of the power head below the handle.

- To turn the tool ON, rotate the knob clockwise. The further the knob is rotated, the higher the air speed.
- To turn tool OFF, rotate the knob counterclockwise to the off position (0).

MODEL LH4500

Your blower vac is fitted with a two speed switch located on the top of the power head below the handle.

- To use in low speed, rotate the knob clockwise to Position I. To use in high speed, rotate the knob clockwise to Position II.
- To turn tool OFF, rotate the knob counterclockwise to the off position (0).



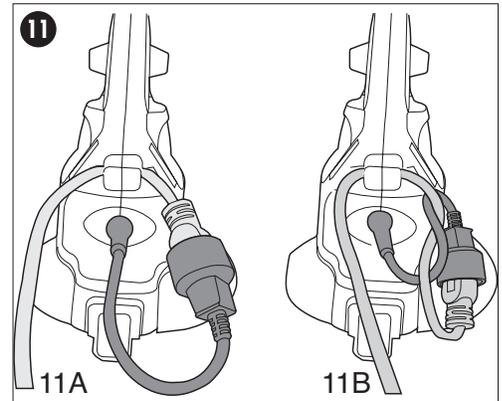
MODEL BL1500

Your blower is fitted with a single speed switch located on the top of the power head below the handle.

- To turn the tool ON, rotate the knob clockwise to Position I.
- To turn tool OFF, rotate the knob counterclockwise to the off position (0).

CORD RETAINER (FIGURE 11)

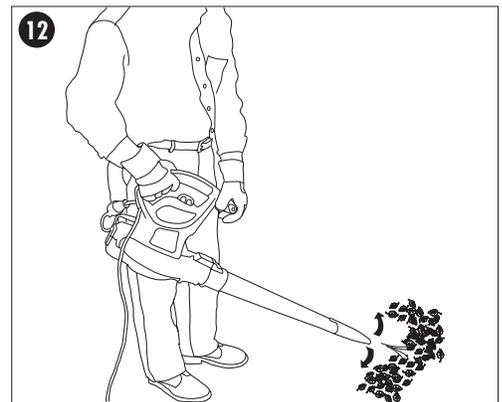
- A cord retainer is incorporated into the rear of the power head. It can be used in two different ways:
- To use the cord retainer as shown in **figure 11A**, hook the extension cord under the retainer. Then plug the cord from the power head into the extension cord.
- To use the cord retainer as shown in **figure 11B**, loop the extension cord over the power head cord and plug the two ends into each other. Then hook the extension cord under the retainer.



BLOW MODE (FIGURE 12)

⚠ WARNING: Ensure product is switched off and disconnected from the power supply.

- Fit grill cover as shown in **figure 1**.
- Attach the blow tube assembly to the power head as shown in **figure 2**.
- Connect the cord on the power head to the power supply (**figure 11**).
- Hold the blow tube approximately 7 inches (180mm) above the ground, turn the blower/vac on and using a sweeping motion from side to side, advance slowly keeping the accumulated debris/leaves in front of you.
- Once you have blown the debris/leaves into a pile, you can convert to vacuum mode to collect the debris.
- Using the air concentrator will help remove matted debris and leaves.
- Using the leaf blaster attachment will help move air back and forth to remove stubborn debris from grassy areas.



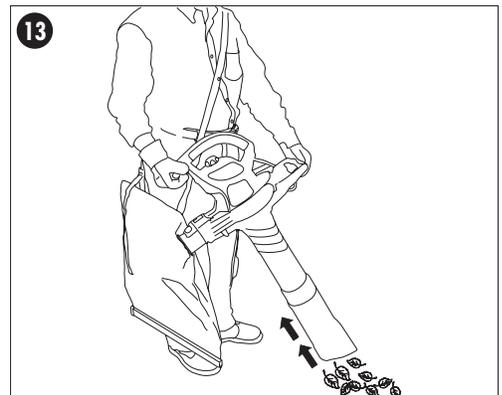
VACUUM MODE (FIGURE 13) MODELS (LH4500, LH5000 ONLY)

USE AS A VACUUM:

⚠ WARNING: Ensure product is switched off and disconnected from the power supply.

To fit the shoulder collection bag to product:

- Remove blow tube.
- Attach the shoulder collection bag to the power head as shown in **figure 5**.
- Remove the fan cover from the bottom of the power head by pressing the spring loaded release button (located on the back of the power head) and pulling the cover off (**figure 7**).
- Attach the vacuum tube assembly to the power head (**figure 8**) by locating the assembly as indicated by arrow, then pivot about this point until the locking/release catch is fully engaged.
- Connect the cord on the power head to the power supply (**figure 11**).
- Position the tube slightly above the debris/leaves. Turn the blower/vac on, then using a sweeping motion the debris/leaves will be sucked up the tube, mulched and deposited into the collection bag (**figure 13**).



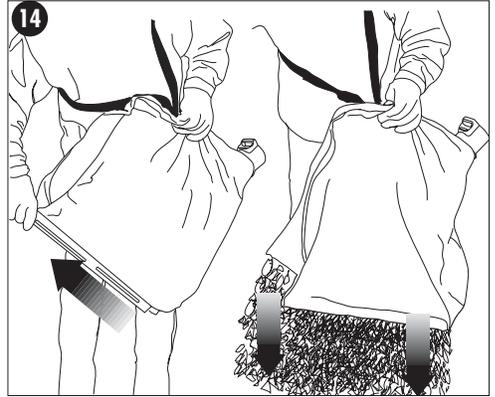
As the bag fills the power of the suction will decrease, turn the blower/vac off and unplug from power supply.

FOR LH5000 BAG:

- Empty the shoulder collection bag by sliding the retaining bar off the bottom of the bag as shown in **figure 14**.

⚠ CAUTION: NEVER REMOVE THE COLLECTION BAG WITHOUT FIRST TURNING OFF AND UNPLUGGING THE VACUUM.

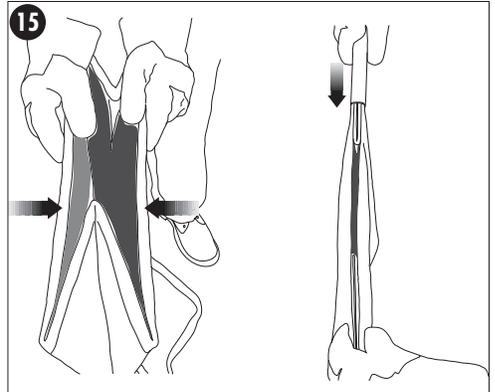
NOTE: If the suction decreases and the bag is not full, the vacuum tube is probably clogged with debris. Turn off and unplug the blower/vac and clear the tube before continuing.



- To reattach the retaining bar, close the bottom of the shoulder bag by folding the bi-folds flat as shown in **figure 15**. Slide the retaining bar over the closed bag.

FOR LH4500 BAG:

As the bag fills the power of the suction will decrease, switch off your product and unplug from power supply. Unzip the bag to empty before continuing to operate.



MAINTENANCE

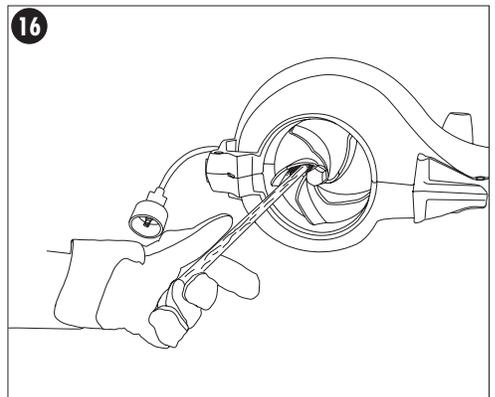
• CLEANING AND STORAGE

TURN OFF AND UNPLUG TOOL! (Unplug extension cord at power source.)

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. Clean out any clippings which may have accumulated in the Blower/Vac. When used properly with dry leaves the fan chamber of your Blower/Vac should remain clean. If damp earth and debris are ingested some of the particles may build up on the inside of the fan chamber. If this happens the performance of the unit will decrease. This area can be cleaned out using a wooden stick as shown in **figure 16** after disconnecting from the power source. Your Blower/Vac should be stored in a dry place.

⚠ WARNING: SHOCK HAZARD. DO NOT POUR OR SPRAY WATER ON THE TOOL IN AN ATTEMPT TO CLEAN.

Do not store the tool on or adjacent to fertilizers or chemicals. Such storage can cause rapid corrosion of the metal parts.



Important

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

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. To find your local service location, refer to the yellow page directory under "Tools—Electric" or call:

1-800-544-6986 or visit www.blackanddecker.com

FULL TWO-YEAR HOME USE WARRANTY

Black & Decker (U.S.) Inc. warrants this product for two years against any defects in material or workmanship. The defective product will be replaced or repaired at no charge in either of two ways.

The first, which will result in exchanges only, is to return the product to the retailer from whom it was purchased (provided that the store is a participating retailer). Returns should be made within the time period of the retailer's policy for exchanges (usually 30 to 90 days after the sale). Proof of purchase may be required. Please check with the retailer for their specific return policy regarding returns that are beyond the time set for exchanges.

The second option is to take or send the product (prepaid) to a Black & Decker owned or authorized Service Center for repair or replacement at your option. Proof of purchase may be required. Black & Decker owned and authorized Service Centers are listed under "Tools-Electric" in the yellow pages of the phone directory.

This warranty does not apply to accessories. This warranty gives you specific legal rights and you may have other rights which vary from state to state or province to province. Should you have any questions, contact the manager of your nearest Black & Decker Service Center. This product is not intended for commercial use.

FREE WARNING LABEL REPLACEMENT: If your warning labels become illegible or are missing, call **1-800-544-6986** for a free replacement.

TROUBLESHOOTING

Problem

- Unit will not start.
- Unit jammed or clogged.

Possible Cause

- Fan cover or vac tube not installed.
- Cord not plugged in.
- Circuit fuse is blown.
- Circuit breaker is tripped.
- Cord or switch is damaged.
- Debris blocking inlet/outlet or fan.

Possible Solution

- Install fan cover for blow mode or vac tube for vac mode.
- Plug tool into a working outlet.
- Replace circuit fuse.
(If the product repeatedly causes the circuit fuse to blow, discontinue use immediately and have it serviced at a Black & Decker service center or authorized servicer.)
- Reset circuit breaker.
(If the product repeatedly causes the circuit breaker to trip, discontinue use immediately and have it serviced at a Black & Decker service center or authorized servicer.)
- Have cord or switch replaced at Black & Decker Service Center or Authorized Servicer.
- Unplug power cord. Remove vac tube. Refer to "Cleaning and Storage Section - Maintenance".

For assistance with your product, visit our website www.blackanddecker.com for the location of the service center nearest you or call the BLACK & DECKER help line at **1-800-544-6986**.

Imported by
Black & Decker (U.S.) Inc.,
701 E. Joppa Rd.
Towson, MD 21286 U.S.A.



See 'Tools-Electric'
– Yellow Pages –
for Service & Sales

