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**530087937** 2/11/03

## SAFETY RULES

# IMPORTANT WARNINGS AND SAFETY INSTRUCTIONS

When using electric gardening appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and serious injury. The warnings and safety instructions in this manual must be followed to reduce the risk of fire, electric shock, or injury, and to provide reasonable safety and efficiency in using this unit. The operator is responsible for following the warnings and instructions in this manual and on the unit. Read the entire instruction manual before assembling and using the unit! Restrict the use of this unit to persons who read, understand, and follow the warnings and instructions in this manual and on the unit. Never allow children to use this unit. Close attention is necessary when used near children.

#### **OPERATOR SAFETY**

- Always wear safety glasses or similar eye protection when operating, servicing, or performing maintenance on your unit. Wearing eye protection can help to prevent rocks or debris from being blown or ricocheting into eyes and face which can result in blindness or serious injury.
- Always wear a respirator or face mask when working with the unit in dusty environments.
- Dress safely in long pants. Do not go barefoot or wear short pants or sandals.
- Do not operate the unit when you are tired, ill, upset, or if you are under the influence of alcohol, drugs, or medication.
  Secure hair so it is above shoulder length.
- Secure hair so it is above shoulder length. Keep loose hair, loose clothing, fingers, and all other parts of the body away from openings and moving parts. Hair, jewelry, loose clothing, or clothing with loosely hanging straps, ties, tassels, etc., can be caught in moving parts.

## ELECTRICAL SAFETY

**WARNING:** Avoid a dangerous environment. To reduce the risk of electrical shock, do not use in rain, in damp or wet locations, or around swimming pools, hot tubs, etc. Do not expose to snow, rain, or water to avoid the possibility of electrical shock. Do not handle extension cord plug or unit with wet hands.

- Use only a voltage supply as shown on the nameplate of the unit.
- Avoid dangerous situations. Do not use in presence of flammable liquids or gases to avoid creating a fire or explosion and/or causing damage to unit.
- Avoid dangerous environments. Do not use in unventilated areas or where dust or explosive vapors can build up.

- To reduce the risk of electrical shock, use extension cords specifically marked as suitable for outdoor appliances. The electrical rating of the cord must be higher than the rating of the unit. The cord must be marked with the suffix "W-A" (in Canada, "W"). Make sure your extension cord is in good condition. Inspect extension cord before use and replace if damaged. An undersized extension cord will cause a drop in line voltage resulting in loss of power and overheating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord. (NOTE: The correct size to be used depending on the cord length is shown in this manual).
- Inspect the insulation and connectors on the unit and extension cord before each use. If there is any damage, do not use until damage is repaired by your Authorized Service Dealer. Do not pull or carry by cord; do not use cord as a handle, close a door on cord, 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.
- To reduce the possibility of the extension cord disconnecting from the unit during operation, tie cord to cord retainer and connect to recessed plug as shown in this manual.
- Don't use the unit if the switch does not turn the unit on and off properly. Have the unit repaired by an Authorized Service Dealer.
- Keep extension cord clear of operator and obstacles at all times. Do not expose cords to heat, oil, water, or sharp edges.
- Avoid any body contact with any grounded conductor, such as metal fences, or pipes, to avoid the possibility of
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electric shock. Don't handle plug or unit with wet hands.

- Do not use with damaged cord or plug. If unit is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to an Authorized Service Dealer for repair.
- Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuit or outlet to be used for this unit. Receptacles are available having built-in GFCI protection and may be used for this measure of safety.
- Keep others including children, animals, bystanders, and helpers a minimum of 30 feet (10 meters) away. Stop the motor immediately if you are approached. Do not allow the unit to be used as a toy.

#### DOUBLE INSULATION CONSTRUC-TION

Your unit is double insulated to help protect against electric shock. Double insulation construction consists of two separate "layers" of electrical insulation instead of grounding.

Tools and appliances built with a double insulation system are not intended to be grounded. No grounding means is provided on this unit, nor should a means for grounding be added to this unit. As a result, the extension cord used with your unit can be plugged into any standard 120 volt electrical outlet.

Safety precautions must be observed when operating any electrical tool. The double insulation system only provides added protection against injury resulting from an internal electrical insulation failure.

WARNING: All electrical repairs to this unit, including housing, switch, motor, etc., must be diagnosed and repaired by an Authorized Service Dealer. 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 INSULATION" or "DOUBLE INSU-LATED." The symbol (square within a square) may also be marked on the appliance. Failure to have the unit repaired by an Authorized Service Dealer can cause the double insulation construction to become ineffective and result in serious injury.

#### UNIT/MAINTENANCE SAFETY

- Turn off all controls and allow the motor to stop before disconnecting the unit from the power source.
- Disconnect the unit from the power source when not in use. Do not leave the unit when it is plugged into an outlet.

- Do not set the unit on any surface except a clean, hard area while the unit is running. Debris such as gravel, sand, dust, grass, etc., could be picked up by the air intake and thrown out through the discharge opening, damaging the unit, property, or causing serious injury to bystanders or operator.
- Do not overreach or use from unstable surfaces such as ladders, trees, steep slopes, rooftops, etc. Use extra care when cleaning on stairways. Keep firm footing and balance at all times. Keeps hands out of tubes.
- Inspect the entire unit before each use for worn, loose, missing, or damaged parts. Do not use until the unit is in proper working order.
- Disconnect unit from power source before servicing, cleaning, performing maintenance, or storing.
- This unit is double insulated. See the DOUBLE INSULATION CONSTRUCTION section. Have all internal service performed by qualified service repair personnel to avoid creating a hazard or voiding your warranty.
- Have all maintenance other than the recommended procedures described in the instruction manual performed by an authorized service dealer.
- Always see an authorized service dealer to replace a damaged impeller. Parts that are chipped, cracked, broken, or damaged in any other way can fly apart and cause serious injury. Replace damaged parts before using the unit.
- Never place any object in the air intake opening as this could restrict proper air flow and cause damage to the unit.
- Never douse the unit with water or other liquids or squirt with a water hose. Clean with a damp sponge and mild soap. See STORAGE.
- Check air intake openings and tubes frequently, always with the unit stopped and power source disconnected. Keep vents and tubes free from debris which can accumulate and restrict proper air flow.
- Do not burn, incinerate, or expose this unit to extreme heat.
- Store the unit unplugged in a high, cool, dry, indoor area out of the reach of children.
- Use only recommended attachments and replacement parts to avoid creating a hazard and/or voiding your warranty.
- Maintain the unit according to recommended procedures.
- Use only for jobs explained in this manual.
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#### BLOWER SAFETY

- Use only in daylight or in good artificial light.
- Inspect the area before using the unit. 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.
- Avoid accidental starting. Be sure the switch is in the OFF position and keep your hand and fingers away from the switch while connecting the unit to the power source or when carrying a unit connected to the power source.
- Never run the unit without the proper equipment attached. When used as a blower, always install a blower tube. Use only recommended attachments. Do not use with any opening blocked, Keep free from dust, lint, hair and anything that may reduce air flow.
- To avoid spreading fire, do not use blower near leaf or brush fires, fireplaces, barbecue pits, ashtrays, etc.
- Never place objects inside the blower tubes; always direct the blowing debris away from people, animals, glass, and solid objects such as trees, automobiles, walls, etc. The force of air can cause rocks, dirt, or sticks to be thrown or to ricochet which can hurt people or animals, break glass, or cause other damage.
- Never use for spreading chemicals, fertilizers, or any other substances which may contain toxic materials.

VACUUM SAFETY (If applicable)

**WARNING:** Only use the Flex Vac Kit FV1910 with model 2540 and 2560 only. DO NOT use with any other models.

- Stop the motor and disconnect the power source before opening the air inlet door or attempting to insert or remove the vacuum tubes. The motor must be stopped and the impeller blades no longer turning to avoid serious injury from the rotating blades.
- Hard objects can be thrown through the

collection bag or the housing and become dangerous missiles which can cause serious injury to operator or others.

- When using the vacuum attachment, the unit 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., to avoid severe damage to the impeller. To avoid the possibility of electrical shock, do not attempt to vacuum water or other liquids.
- Never run the unit without the proper equipment attached. When used as a vacuum, always install vacuum tubes and collection bag assembly. Make sure the collection bag assembly is completely zipped when unit is running to avoid flying debris. Use only recommended attachments.
- Avoid situations which could set the collection bag on fire. Do not vacuum discarded matches, cigars, cigarettes, or ash from fireplaces, barbecue pits, brush piles, etc. To avoid spreading fire, do not use blower near leaf or brush fires, fireplaces, barbecue pits, ashtrays, etc.
- Always use collection bag shoulder strap when vacuuming to avoid loss of control.
- Check air intake openings, elbow tube, and vacuum tubes frequently, always with the unit stopped and the power source disconnected. Keep vents and tubes free of debris which can accumulate and restrict proper air flow. Do not use with any opening blocked. Keep free of dust, lint, hair and anything that may reduce air flow.

#### STANDARDS

This product is listed by Underwriter's Laboratories, Inc., in accordance with UL Standard 1017.

If situations occur which are not covered in this manual, use care and good judgement. If you need assistance, contact your Authorized Service Dealer or call 1-800-554-6723. Failure to follow all Safety Rules and Precautions can result in serious injury.

## SAVE THESE INSTRUCTIONS

## ASSEMBLY

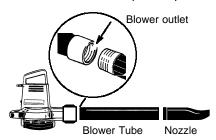
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**WARNING:** Unplug the unit before opening the vacuum inlet cover or attempting to insert or remove the inlet restrictor, blower tubes or vacuum tubes. The motor must be stopped and the impeller blades no longer turning to avoid serious injury from the rotating blades. **WARNING:** If you receive your unit assembled, check each step to insure your unit is properly assembled and all fasteners are secure. Follow all safety information in the manual and on unit.

 A standard screwdriver is required for assembly.

#### BLOWER ASSEMBLY

- Insert the blower tube into the blower outlet.
- Twist the blower tube clockwise until it is firmly seated in the blower outlet.
- Twist the nozzle into the end of the blower tube until it is firmly seated. Make sure the nozzle points upward.

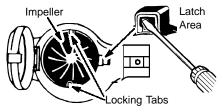


For Model 2695 only, the blower extension tube and nozzle are combined into one component.



#### VACUUM ASSEMBLY (Some models) OPEN THE LATCH

Insert a screwdriver in to the latch area on the vacuum inlet cover. Gently tilt handle of screwdriver toward the front of the blower to release the latch. Pull up on the vacuum inlet cover with your other hand.



## **REMOVE THE INLET RESTRICTOR** (Some models)

An inlet restrictor is used when operating your unit as a blower. This restrictor is not used during vacuum operation and must be removed during vacuum assembly. Once the cover is opened, look for the inlet restrictor between the door and the impeller.

• Remove the inlet restrictor by rotating counterclockwise (see illustration). Keep this inlet restrictor for use when using your unit as a blower later. With the restrictor removed, the upper vacuum tube will twist onto the unit.

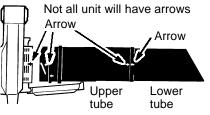
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#### ATTACH VACUUM TUBES

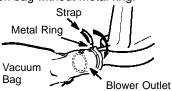
- On some units an arrow on the tube and the unit will help you align the tube before twisting clockwise.
- Some units may include locking tabs. These tabs guide and lock the tubes into position.

Once the upper tube is secure on the unit, and cannot be turned clockwise further, the lower vacuum tube may be installed onto the upper tube.

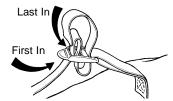


#### ATTACH VACUUM BAG

Slide the vacuum bag over the blower outlet as shown. Secure the bag to the blower outlet by placing the strap through the metal ring. Pull tight and fasten as shown. Make sure the blower outlet is pushed far into the bag before tightening the strap. Some units may include elastic on bag without metal ring.



• Carefully loop the shoulder strap through the buckle as shown.



• Position the unit on your right-hand side, blower outlet and bag pointing toward the rear. Hold the unit in an upright position, and support the lower vacuum tube on the ground.

- Place the shoulder strap over your head and onto your left shoulder.
- Adjust the strap to allow a free flow of air from the blower. If the collection bag is kinked, the unit will not operate properly.
   NOTE: The strap is designed to position the collection bag on your shoulder without kinks. The strap is not intended to support the weight of the unit.

#### SELECT AN EXTENSION CORD

Use only a 120 A.C. voltage supply as shown on the nameplate of the unit.

· To reduce the risk of electrical shock, this equipment has a polarized plug (one blade is wider than the other) and will require the use of a polarized extension cord. The appliance plug will fit into a polarized extension cord only one way. If the plug does not fit fully into the extension cord, reverse the plug. If the plug still does not fit, obtain a correct polarized extension cord. A polarized extension cord will require the use of a polarized wall outlet. This plug will fit into the polarized wall outlet only one way. If plug does not fit fully into the wall outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper wall outlet. Do not change the equipment plug, extension cord receptacle, or extension cord plug in any way.

The extension cord used to reach the power source must be:

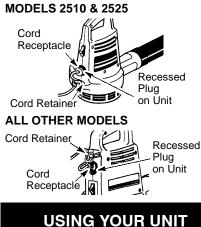
- Specifically marked as suitable for outdoor use. The cord must be marked with the suffix "W-A" (in Canada "W").
- Heavy enough to carry full current from the power source to the unit. Otherwise, loss of power and overheating can occur causing damage to unit. Refer to table for minimum wire gauge recommendations. The cord must be marked with the proper wire gauge. (Appropriate extension cords are available.) Do not use multiple cords.
- In good condition. Cord insulation must be intact with no cracks or deterioration. Plug connectors must be undamaged.

MINIMUM A.W.G. WIRE GAUGE RECOMMENDATIONS				
AMPS	VOLTS	25 FT.	50 FT.	
7.5	120	18	16	
10 - 12	120	16	16	
MINIMUM A.W.G. WIRE GAUGE				

RECOMMENDATIONS				
AMPS	VOLTS	100 FT.	150 FT.	
7.5	120	14	12	
10 - 12	120	14	12	

A.W.G. = American Wire Gauge

Secure the extension cord to the unit by tying the cord onto the cord retainer. Insert the cord receptacle in to the recessed plug.

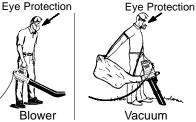


AWARNING: You MUST make sure

the tubes are secure before using the unit.

**WARNING:** Do not use the unit without the tubes or collection bag properly attached to avoid flying debris and/or impeller contact which can cause serious injury. Always wear eye protection to prevent rocks or debris from being blown or ricocheting into the eyes and face which can result in blindness or serious injury.

#### **OPERATING POSITION**



USING YOUR UNIT AS A BLOWER

**WARNING:** Inspect the area before using the unit. 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.

Use your unit as a blower for:

- Sweeping debris or grass clippings from driveways, sidewalks, patios, etc.
- Blowing grass clippings, straw, or leaves into piles, or removing debris from corners, around joints, or between bricks.

Direct air flow by directing the blower tube/ nozzle down or to one side. Always work away from solid objects such as walks, large stones, vehicles, and fences.

Clean corners by starting in corners and moving outward. This will help prevent an accumulation of debris which could fly into your face.

Be careful when working near plants. The force of the air could damage tender plants. USING YOUR UNIT AS A VACUUM

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**WARNING:** Do not vacuum stones, gravel, metal, broken glass, etc., to avoid severe damage to the impeller. To avoid the possibility of electrical shock, do not attempt to vacuum water or other liquids.

Use your unit as a vacuum to pick up dry material such as leaves, grass, small twigs, and bits of paper.

- For best results during vacuum use, operate your unit at high speed.
- Move slowly back and forth over the material as you vacuum. Avoid forcing the unit into a pile of debris as this can clog the unit.
- Keep the vacuum tube about an inch above the ground for best results.

**WARNING:** If the unit becomes clogged, stop the unit and unplug the extension cord. Wait until the impeller has completely stopped turning, then remove the vacuum tubes. Carefully reach into the vacuum opening and clear out the clogged debris.

## MAINTENANCE

**WARNING:** Disconnect power source before performing maintenance. **GENERAL RECOMMENDATIONS** 

The warranty on this unit does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, the operator must maintain unit as instructed in this manual. Various adjustments will need to be made periodically to properly maintain your unit.

#### BEFORE EACH USE CHECK FOR LOOSE FASTENERS AND PARTS

- Inlet Cover
- Blower Tube
- Vacuum Tubes
- Collection Bag

#### CHECK FOR DAMAGED OR WORN PARTS

Contact an authorized service dealer for replacement of damaged or worn parts.

- ON/OFF Switch Ensure switch functions properly by moving the switch to the OFF position. Make sure motor stops; then restart motor and continue.
- Inlet Cover Discontinue use of unit if inlet cover fails to latch properly or if it is damaged in any way.

#### AFTER EACH USE

#### **INSPECT AND CLEAN UNIT & LABELS** Stop unit and unplug extension cord.

- After each use, inspect complete unit for loose or damaged parts. Clean the unit using a damp cloth with a mild detergent.
- Wipe off unit with a clean dry cloth.

#### CLEAN COLLECTION BAG IMPORTANT: THE COLLECTION BAG MUST BE PROPERLY EMPTIED.

- You must properly empty and maintain the collection bag to avoid deterioration and obstruction of air flow.
- Remove the collection bag from the unit and empty after each use. Do not store bag without emptying the bag of all contents (grass, leaves, etc.).
- Wash the bag once a year. Remove the bag from the blower and turn the bag inside out. Wash the bag with a water hose. Allow the bag to hang and dry completely before you reuse the bag.

## SERVICE

## HOW TO REMOVE AN OBJECT FROM THE AIR INTAKE

WARNING: Stop the unit and disconnect from the power source before opening the inlet cover. The motor must be stopped and the impeller blades no longer turning to avoid serious injury from the rotating blades.

- While holding the inlet cover open, remove the vacuum tubes. The inlet cover must be held open through all remaining steps.
- Carefully reach into the vacuum opening and clear out the air intake area. Clear all debris from impeller.
- Inspect the impeller for cracks. If cracked or damaged, do not use the unit. Have parts replaced by your authorized service dealer. Do not attempt to replace them yourself.

## STORAGE

**WARNING:** Perform the following steps after each use:

- Stop unit and disconnect from the power source.
- Allow motor to cool before storing or transporting.
- Store unit with all guards in place. Position unit so that any sharp object cannot accidentally cause injury.
- Store unit unplugged, well out of the reach of children.

#### SEASONAL STORAGE

Prepare unit for storage at the end of the season or if it will not be used for 30 days or more. If your blower is to be stored for a period of time:

- Stop unit and disconnect from the power source.
- Clean the entire unit before lengthy storage.

- Open inlet cover and clean any dirt, grass, or debris that has collected. Inspect the blower and all tubes. Close and make sure the cover is latched.
- Clean air vents and air inlet of debris.
  Store your unit and extension cord in a well ventilated area and covered, if possible, to prevent dust and dirt accumulation. Do not cover with plastic. Plastic cannot breathe and may cause condensation and eventual rust or corrosion.
- Check entire unit for loose screws. Replace any damaged, worn, or broken parts.

## **NEED ASSISTANCE?**

Need Accessories or Assistance? Call: 1-800-554-6723. Need Service Parts? Contact your dealer. ACCESSORIES AVAILABLE

Safety Goggles Stock #952701506 Flex Vac Kit FV1910 #952701627 (used only on model 2540 and 2560)

### TROUBLESHOOTING TABLE

WARNING: Always stop unit and disconnect from the power source before performing all of the recommended remedies below except remedies that require unit to be operating.

SYMPTOM	CAUSE	REMEDY
Unit fails to operate.	<ol> <li>Switch in the OFF position.</li> <li>Extension cord disconnected.</li> <li>Circuit breaker tripped, or fuse blown.</li> <li>Mechanical failure</li> </ol>	<ol> <li>Slide switch to ON position.</li> <li>Reconnect extension cord.</li> <li>Reset circuit breaker or fuse.</li> <li>Contact your authorized service dealer.</li> </ol>
Unit vibrates abnormally.	1. Mechanical failure	1. Contact your authorized service dealer.
Impeller will not turn free- ly.	<ol> <li>Debris in air intake area.</li> <li>Mechanical failure.</li> </ol>	<ol> <li>Clean unit. Remove any debris.</li> <li>Contact your authorized service dealer.</li> </ol>

### LIMITED WARRANTY

ELECTROLUX HOME PRODUCTS, INC., warrants to the original purchaser that each new Weed Eater brand electric or cordless product is free from defects in material and workmanship and agrees to repair or replace under this warranty any defective Weed Eater brand electric or cordless product within two (2) years from the original date of purchase.

If your **Weed Eater** brand electric or cordless product should fail within the limited warranty period, return it, complete, prepaid, with proof of purchase, to the dealer from whom it was purchased for repair or replacement at the option of **ELECTRO-LUX HOME PRODUCTS, INC.** 

This warranty is not transferable and does not cover damage or liability caused by improper handling, improper maintenance or the use of accessories and/or attachments not specifically recommended by **ELECTROLUX HOME PRODUCTS**, **INC.**, for this tool. Additionally, this warranty does not cover parts that will wear and require replacement with reasonable use during the warranty period. This warranty does not cover predelivery setup or normal adjustments explained in the instruction manual.

THIS WARRANTY GIVES YOU SPE-CIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. NO CLAIMS FOR CONSEQUENTIAL

OR OTHER DAMAGES WILL BE AL-LOWED, AND THERE ARE NO OTHER EXPRESS WARRANTIES EXCEPT THOSE EXPRESSLY STIPULATED HEREIN.

SOME STATES DO NOT ALLOW LIMI-TATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLU-SION OR LIMITATIONS OF INCIDEN-TAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EX-CLUSION MAY NOT APPLY TO YOU.

The policy of **ELECTROLUX HOME PRODUCTS, INC.**, is to continuously improve its products. Therefore, **ELEC-TROLUX HOME PRODUCTS, INC.**, reserves the right to change, modify, or discontinue models, designs, specifications, and accessories of all products at any time without notice or obligation to any purchaser.