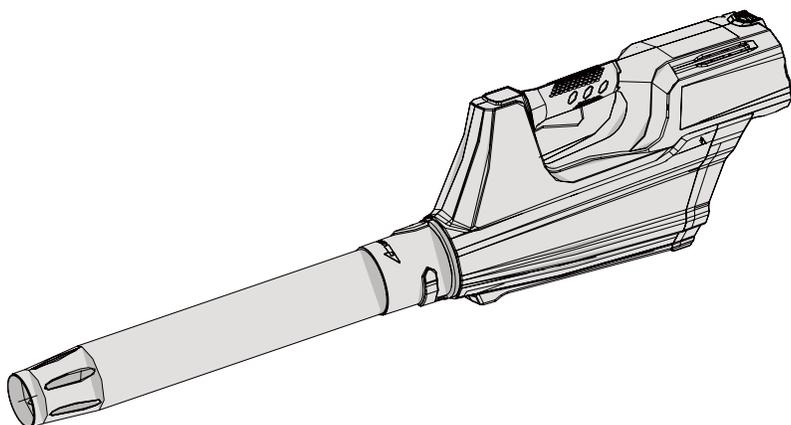

GREENWORKS

COMMERCIAL

82V Cordless Axial Blower

GB 500

(2402602)



Intertek
3091488

Owner's Manual

TOLL-FREE HELPLINE: 1-855-470-4267

www.GreenWorksTools.com

⚠ Read all safety rules and instructions carefully before operating this tool.

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PRODUCT SPECIFICATIONS

82V CORDLESS BRUSHLESS BLOWER

Type.....	Cordless, battery-operated
Motor.....	82V Brushless
Charge time.....	30 min
Air volume.....	500 CFM
Air speed.....	125 MPH
Sound Power Level.....	88dB(A)
Weight.....	8.9 lbs. (4.04kg)



IMPORTANT SAFETY INSTRUCTIONS

⚠ WARNING

Read and understand all instructions before using this product. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

BEFORE USING (THIS APPLIANCE)

- Use extra care when cleaning on stairs.
- Do not use on wet surfaces.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Keep hair, loose clothing, fingers and all body parts away from openings and moving parts.
- Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not pull or carry by the cord, use the cord as a handle, shut a door on the cord, or pull the cord around sharp edges or corners. Do not run appliances over the cord. Keep the cord away from heated surfaces.

WHEN USING (THIS APPLIANCE)

- Do not operate power tools in an explosive atmosphere, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks that may ignite the dust or fumes.
- To reduce the risk of electric shocks, the battery charger has a polarized plug (one blade is wider than the other) and will require the use of a polarized extension cord. The plug will only fit into a polarized extension cord 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 only fit into the polarized wall outlet one way. If the plug does not fit fully into the wall outlet, reverse the plug. If the plug 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.
- Never allow children to operate the equipment. Never allow adults to operate the equipment without proper instruction.
- Wear eye protection that is marked to comply with ANSI Z87.1 when operating this product.
- Wear hearing protection.
- Do not handle charger, including charger plug, and charger terminals with wet hands.
- Do not charge the unit outdoors.
- Wear heavy long pants, boots, and gloves. Avoid loose garments or jewellery that could get caught in moving parts of the machine or its motor.
- Do not force the tool. Use the correct tool for your application. The correct tool will work more efficiently and safely when it is used at the rate that it was designed to work at.
- Do not operate the equipment while barefoot or when wearing sandals or similar lightweight footwear. Wear protective footwear that will protect your feet and improve your footing on slippery surfaces.

IMPORTANT SAFETY INSTRUCTIONS

- Secure long hair so it is above shoulder level to prevent entanglement in any moving parts.
- Keep firm footing and balance. Do not overreach. Overreaching can result in loss of balance.
- Do not allow children or untrained individuals to use this unit.
- Do not use the tool if the switch does not turn it on or off. Any tool that cannot be controlled with the switch are dangerous, and must be repaired.
- Keep all bystanders, children, and pets at least 50' (15 m) away.
- For household use only.
- For use only with 2907202X, GL250, 2907702X, GL500 batteries.
- For use only with GC 400, 2907302 charger.
- Do not operate this unit when you are tired, ill, or under the influence of alcohol, drugs, or medication.
- Do not operate in poor lighting.
- Keep all parts of your body away from any moving parts and all hot surfaces of the unit.
- Do not put any object into openings. Do not use if any opening are blocked. Keep openings free of dust, lint, hair, and anything that may reduce air flow.
- Check the work area before each use. Remove all objects that can be thrown or become entangled in the machine, such as rocks, broken glass, nails, wire, or string.
- Use only identical manufacturer's replacement parts and accessories. Use of any other parts may create a hazard or cause product damage.

FOR BATTERY-OPERATED APPLIANCE:

- Prevent unintentional starting, ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the power tool, carrying the power tool with your finger on the switch or charging the power tool with the switch on invites accidents.
- Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Exception: This instruction is not applicable for batteries that cannot be disconnected from the appliance in normal use.
- 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.
- Use appliances only with specifically designated battery packs. Use of any other battery pack may create a risk of injury and fire.
- 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.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, seek medical help. Liquid ejected from the battery may cause irritation or burns. (This advice is considered correct for conventional NiMh, NiCd, lead acid and lithium-ion cell types. If this advice is incorrect for a cell design that differs from these, then the correct advice may be substituted.)
- Do not use a battery pack or power tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.

IMPORTANT SAFETY INSTRUCTIONS

- Do not expose a battery pack or power tool to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion. The temperature of 130°C can be replaced by the temperature of 265°F.
- Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.

CHILD SAFETY

Tragic accidents can occur if the operator is not aware of the presence of children.

- Keep children out of the working area and under the watchful care of a responsible adult.
- Do not allow children under the age of 14 to operate this blower. Children who are 14 years of age and older must read and understand the operating instructions and safety rules in this manual and must be trained and supervised by a parent.
- Stay alert, and turn the blower off if a child or any other person enters the working area.
- Use extreme care when approaching blind corners, doorways, shrubs, trees, or other objects that may obscure your view of a child who may run into the path of the blower.

▲ WARNING (PROPOSITION 65)

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known 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 of exposure to these chemicals 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 dust masks that are specially designed to filter out microscopic particles.

SYMBOLS

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

SYMBOL	NAME	DESIGNATION/EXPLANATION
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
W	Watts	Power
min	Minutes	Time
~	Alternating Current	Type of current
—	Direct Current	Type or a characteristic of current
	No Load Speed	Rational speed, at no load
/min	Per Minute	Revolutions, strokes, surface speed, orbits etc., per minute
	Wet Conditions Alert	Do not expose to rain or use in damp locations
	Read The Operator's Manual	To reduce the risk of injury user must read and understand operator's manual before using this product.
	Eye and Hearing Protection	Always wear eye protection with side shields marked to comply with ANSI Z87.1 along with hearing protection when operating this equipment.
	Safety Alert	Precautions that involve your safety.
	Long Hair	Failure to keep long hair away from the air inlet could result in personal injury.
	Loose Clothing	Failure to keep loose clothing from being drawn into air intake could result in personal injury.
	Keep Bystanders Away	Keep all bystanders at least 50 ft. away.
	Blower Tubes	Do not operate without tubes in place.
	Impeller Blades	Rotating impeller blades can cause severe injury.
	Class II Construction	Double-insulated construction.

SYMBOLS

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	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	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

SERVICE

Service requires extreme care and knowledge and should be performed only by a qualified service technician. For service we suggest you return the product to your nearest **AUTHORIZED SERVICE CENTER** for repair. When servicing, use only identical replacement parts.

WARNING

To avoid serious personal injury, do not attempt to use this product until you have read this Owner's Manual thoroughly and understand it completely. If you do not understand the warnings and instructions in this Owner's Manual, do not use this product. Call the Toll-free Helpline (1-855-470-4267) for assistance. The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before operating a power tool, always wear safety goggles, safety glasses with side shields, or a full face shield when needed. We recommend a Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection that is marked to comply with ANSI Z87.1.

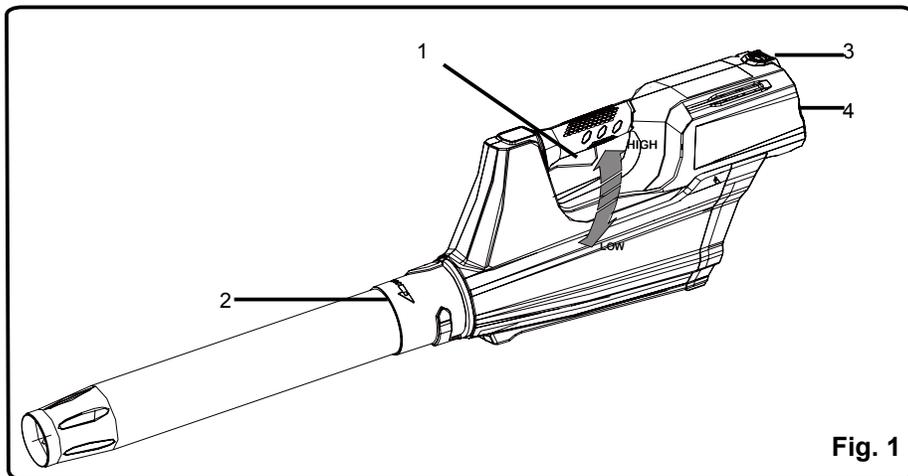
WARNING



The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, always wear safety goggles or safety glasses with side shields and, when needed, a full face shield. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields. Always use eye protection which is marked to comply with ANSI Z87.1.

SAVE THESE INSTRUCTIONS

KNOW YOUR BLOWER



KNOW YOUR BLOWER (See Figure 1.)

The safe use of this product requires an understanding of the information on the product and in this operator's manual as well as a knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating features and safety rules.

1.VARIABLE SPEED TRIGGER

This tool has a variable speed trigger that delivers higher speed with increased trigger pressure. Speed is controlled by the amount of switch trigger depression.

2. BLOWER TUBE

The blower tube helps direct airflow and increase air velocity.

3.BATTERY RELEASE BUTTON

Releases the battery pack from the blower

4. HOUSING BATTERY

Align the grooves on the battery with the slots in the battery housing and slide the battery in until it clicks firmly into the housing.

ASSEMBLY

⚠ WARNING

If any parts are damaged or missing, do not operate this product until the parts are replaced. Use of this product with damaged or missing parts could result in serious personal injury.

⚠ WARNING

Do not attempt to modify this product or create accessories not recommended for use with this blower. Any such alteration or modification could result in a hazardous condition leading to possible serious personal injury.

UNPACKING

- Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.
-

⚠ WARNING

Do not use this product if any parts on the packing list are already assembled to your product when you unpack it. Parts on this list are not assembled to the product by the manufacturer and require customer installation. Use of a product that may have been improperly assembled could result in serious personal injury.

- Inspect the tool carefully to make sure no breakage or damage occurred during shipping.
 - Do not discard the packing material until you have carefully inspected and satisfactorily operated the tool.
 - If any parts are damaged or missing, please return the product to the place of purchase.
-

PACKING LIST

PART NAME.	FIGURE.	QTY
Blower		1
Blower tube		1
Owner's Manual		1

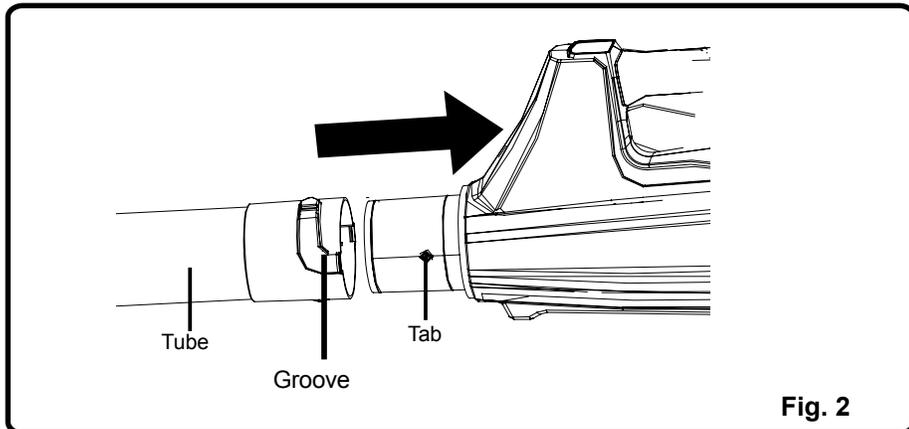
ASSEMBLY

ASSEMBLING THE BLOWER TUBE

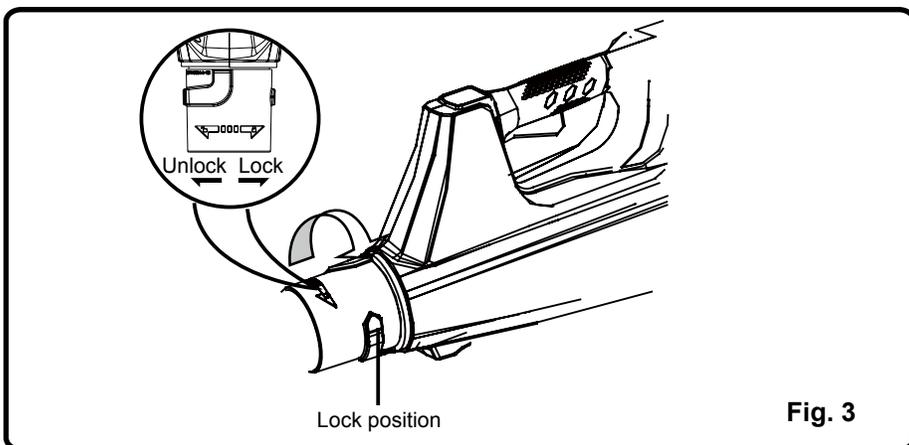
▲ WARNING

To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the tool when assembling parts.

1. Align either of the grooves on the tube with the tabs on the blower housing. Push the tube onto the blower housing until the tab engages the grooves (Fig. 2).



2. Turn the tube in the direction of the arrow until both of the tabs slide into the lock positions . Clockwise to Lock and Counter Clockwise to remove (Fig. 3).



OPERATION

⚠ WARNING

Do not allow familiarity with this product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

⚠ WARNING

Always wear eye protection with side shields marked to comply with ANSI Z87.1, along with hearing protection. Failure to do so could result in objects being thrown into your eyes and other possible serious injuries.

⚠ WARNING

Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

Before each use, inspect the entire product for damaged, missing, or loose parts, such as screws, nuts, bolts, caps, etc. Tighten securely all fasteners and caps and do not operate this product until all missing or damaged parts are replaced.

APPLICATION

You may use this product for the purposes listed below:

- Clearing hard surfaces such as driveways and walkways.
- Keeping decks and driveways free from leaves and pine needles.

OPERATION

TO INSTALL/REMOVE BATTERY PACK (Fig.4)

TO INSTALL

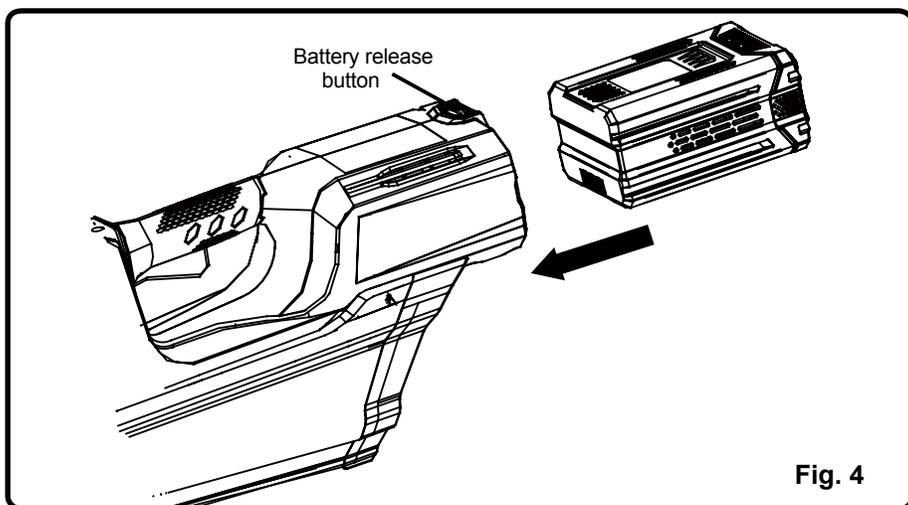
- Align the ribs of the battery pack with the mounting slots in the blower's battery port.
- Insert the battery into the battery opening until the battery release button locks into place.

TO REMOVE

▲ WARNING

Always take care of your feet, children, or pets around you when pressing the battery release button. Serious injury could result if the battery pack falls. NEVER remove the battery pack when in a high location.

- Press the battery release button on the blower. This will cause the battery to slightly protrude out of the tool.
- Grasp the blower firmly and pull the battery out of the handle.



CHARGE BEFORE FIRST USE.

▲ WARNING

Always remove battery pack from the product when you are assembling parts, making adjustments, cleaning, or when not in use. Removing battery pack will prevent accidental starting that could cause serious personal injury.

OPERATION

STARTING/STOPPING THE BLOWER (Fig.5)

- Ensure that the battery is installed in the blower
- Squeeze the trigger to start the blower.
- Release the trigger to stop.

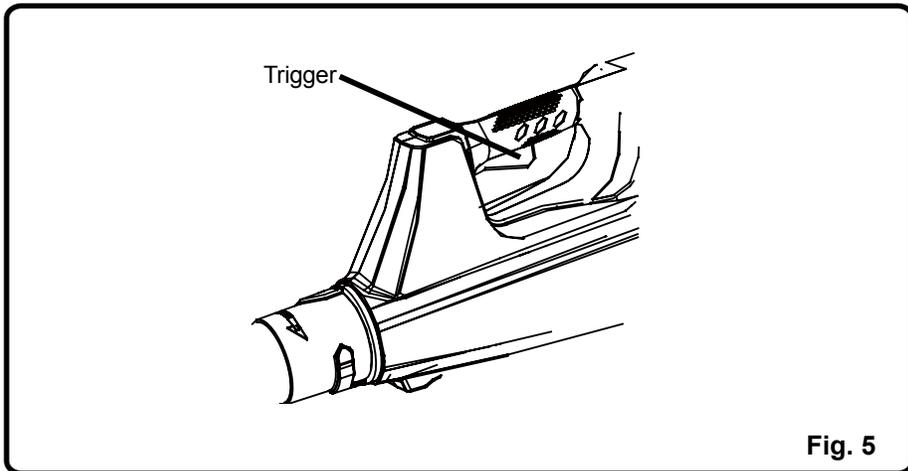


Fig. 5

OPERATING THE BLOWER

- To keep from scattering debris, blow around the outer edges of a debris pile. Never blow directly into the center of a pile.
- To reduce sound levels, limit the number of pieces of equipment used at any one time.
- Use rakes and brooms to loosen debris before blowing.
- Conserve water by using power blowers instead of hoses for many lawn and garden applications, including areas such as gutters, screens, patios, grills, porches, and gardens.
- Watch out for children, pets, open windows, or freshly washed cars, and blow debris safely away.
- After using blowers or other equipment, clean up. Dispose of debris properly.

BATTERY & CHARGER MAINTENANCE

CHARGING PROCEDURE

NOTE: *The battery is not shipped fully charged. It is recommended to fully charge before first use to ensure that maximum run time can be achieved. This lithium-ion battery will not develop a memory and may be charged at any time.*

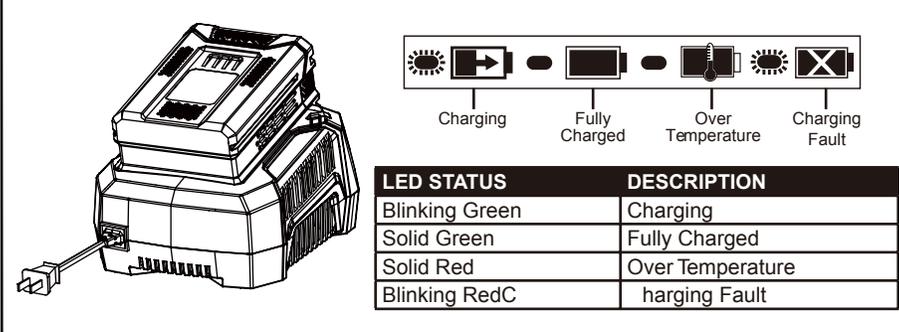
Low voltage charging:

If the battery has been stored with little to no charge for a long period of time, the charger will go into recovery mode, which will take 20 hrs to fully charge the battery. This will enhance the life of the battery. Once it is fully charged, the next charge will return to standard charging.

A fully discharged battery pack will require the allotted time as stated in the battery manual.

- Plug the charger into an AC power outlet.
- Insert the battery into the charger.

This is a diagnostic charger. The Charger LED Lights will illuminate in specific order to communicate the current battery status. They are as follows:



LED STATUS	DESCRIPTION
Blinking Green	Charging
Solid Green	Fully Charged
Solid Red	Over Temperature
Blinking RedC	Charging Fault

False defect note:

When the battery is inserted into the charger and the status LED blinks RED, remove the battery from the charger for 1 minute, then reinsert. If the status LED blinks GREEN, then the battery is properly charging. If the status LED is still blinking RED, remove the battery and unplug the charger for 1 minute.

After 1 minute, plug in the charger and reinsert the battery. If the status LED blinks GREEN, then the battery is properly charging. If the status LED is still blinking RED, the battery is defective and needs to be replaced.

BATTERY & CHARGER MAINTENANCE

CHECKING THE CHARGE

If the battery pack does not charge properly:

- Check the current at the power outlet with another tool. Make sure that the outlet is not turned off.
- Check that the charger contacts have not been shorted by debris or foreign material.
- If the air temperature is above 104°F or below 45°F, move the charger and battery pack to a room temperature location.

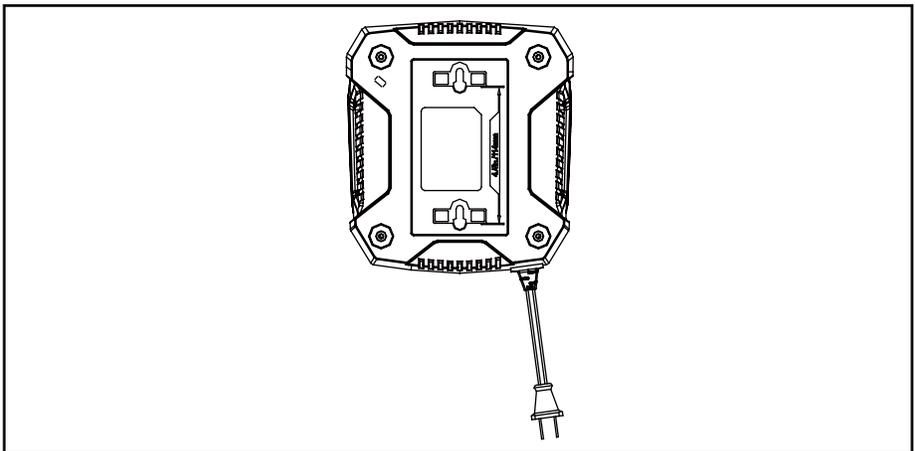
▲ WARNING

If the battery is inserted into the charger when warm or hot, the CHARGING LED indicator light on the charger may switch on and illuminate RED. If this occurs allow the battery to cool inside of the charger for up to 30 minutes. Charging should automatically start once battery has cooled.

CHARGER MOUNTING

1. This charger can be installed on a wall using two #8 screws (not included).
2. Locate the desired placement for the charger to be wall mounted.
3. If fastening to wood studs use 2 wood screws (not included).
4. Drill two holes 4.5 in. apart ensuring that they are vertically aligned.
5. If fastening to drywall use wall anchors (not included) and screws to secure the charger to the wall.

NOTE: *If the battery and the charger won't be used for a long time, please remove the battery from the charger and pull out the AC power plug.*



MAINTENANCE

⚠ WARNING

In order to avoid personal injury and the risk of fire and electric shock, remove the battery pack before adjusting, inspecting, or cleaning the blower.

Cleaning

Remove the battery pack.

1. Brush or blow dust and debris out of the air vents using compressed air or a vacuum. Keep the air vents free of obstructions, sawdust, and wood chips. Do not spray, wash, or immerse the air vents in water.
2. Wipe off the housing and the plastic components using a moist, soft cloth. Do not use strong solvents or detergents on the plastic housing or plastic components. Certain household cleaners may cause damage, and may cause a shock hazard.

Battery Pack

- Store the battery pack fully charged.
- Once the light on the charger turns solid green, remove the battery from the charger and disconnect the charger from the outlet.
- Do not store the battery pack on the tool.
- After charging, the battery pack may be stored in the charger, as long as the charger is not plugged in.

Charger Maintenance

- Keep the charger clean and clear of debris. Do not allow foreign material to get into the recessed cavity or onto the contacts. Wipe the charger clean with a dry cloth. Do not use solvents or water, and do not place the charger in wet conditions.
- Unplug the charger when there is no battery pack in it.
- Fully charge the batteries before placing them in storage.
- Store the charger at normal room temperature. Do not store it in excessive heat. Do not use the charger in direct sunlight. Recharge at room temperature between 45°F and 104°F (7°C and 40°C). If the battery pack is hot, allow it to cool down inside of the charger. The battery will begin charging once it has returned to room temperature.

ENVIRONMENTALLY SAFE BATTERY DISPOSAL

⚠ WARNING

The following toxic and corrosive materials are in the batteries used in this blower battery pack:
Lithium-Ion, a toxic material.



All toxic materials must be disposed of in a specified manner to prevent contamination of the environment. Before disposing of damaged or worn out Lithium-Ion battery packs, contact your local waste disposal agency, or the local Environmental Protection Agency for information and specific instructions. Take the batteries to a local recycling and/or disposal centre, certified for lithium-ion disposal.

⚠ WARNING

If the battery pack cracks or breaks, with or without leaks, do not recharge it and do not use. Dispose of it and replace with a new battery pack. **DO NOT ATTEMPT TO REPAIR IT!** To avoid injury and risk of fire, explosion, or electric shock, and to avoid damage to the environment:

- Cover the battery's terminals with heavy-duty adhesive tape.
 - DO NOT attempt to remove or destroy any of the battery pack components.
 - DO NOT attempt to open the battery pack.
 - If a leak develops, the released electrolytes are corrosive and toxic. DO NOT get the solution in the eyes or on skin, and do not swallow it.
 - DO NOT place these batteries in your regular household trash.
 - DO NOT incinerate.
 - DO NOT place them where they will become part of any waste landfill or municipal solid waste stream.
 - Take them to a certified recycling or disposal centre.
-

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Motor fails to start when switch trigger is depressed.	Battery is not secure. Battery is not charged.	Ensure that the battery is fully secured in the blower. Refer to Installing the Battery section in this manual. Charge the battery pack according to the instructions included with your model.
Unit will not start.	Defective power switch.	Have the power switch replaced by an authorized service center.
The unit will start, but air will not flow through the tube.	Blocked tube.	Clear the blockage.

LIMITED WARRANTY



GREENWORKS™ hereby warranties this product, to the original purchaser with **proof of purchase**. 2 year commercial power train warranty, 1 year commercial battery warranty against defects in materials, parts or workmanship. GREENWORKS™, at its own discretion will repair or replace any and all parts found to be defective, through normal use, free of charge to the customer. This warranty is valid only for units which have been used for personal use that have not been hired or rented, and that have been maintained in accordance with the instructions in the owners' manual supplied with the product from new.

2 Year Limited Power Train Warranty Coverage:

- Motor
- PCB Boards
- Gear Box
- 2 years from the date of purchase (non transferable)

1 Year Limited Battery Warranty Coverage:

- Greenworks Commercial Battery Packs (2907202X, GL250, 2907702X, GL500 batteries)
- 1 year from the date of purchase (non transferable)

60 Day Limited Wearable Parts Warranty Coverage:

- Bars
- Blades
- Guards
- Chains
- Bump Feed Heads
- Tines
- 60 Days from date of purchase (non transferable)

Warranty Exclusions, Limitations and Rights:

1. All warranties may not be transferred by the consumer to any subsequent purchaser.
2. Parts or components not supplied by the warrantor, or parts or components that have been modified.
3. Any failure resulting from the use of improper tools or improper repair procedures.

LIMITED WARRANTY

1. Any failure or part that has become inoperative due to accident, impact, abuse, misuse, neglect, mishandling, dulling of cutting edges, or failure to operate the product in accordance with the information provided in the instruction manual supplied with the product.
2. Normal deterioration of the exterior due to use or exposure, and any repairs made necessary by normal wear, improper maintenance, improper lubrication, improper storage, dirt, abrasives, impact, moisture, water, rain, snow, rust, corrosion, varnish, or other similar conditions.
3. Routine maintenance items such as lubricants, blade sharpening.
4. The unit, if it has not been operated and/or maintained in accordance with the owner's manual.
5. Improper voltage for electric products and batteries that have been exposed to temperatures beyond those specified in the product's instruction manual, batteries that have not been properly charged or batteries that have reached their useful life.

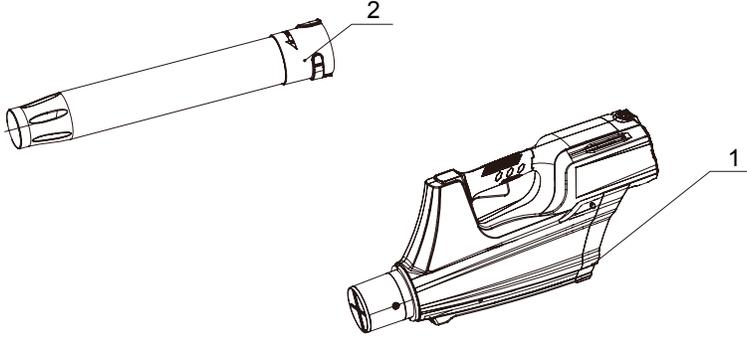
GREENWORKS HELPLINE:

Warranty service is available by calling our toll-free helpline, at 1-855-470-4 267.

TRANSPORTATION CHARGES:

Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. It is the purchaser's responsibility to pay transportation charges for any part submitted for replacement under this warranty unless such return is requested in writing by **GREENWORKS**.

EXPLODED VIEW



PARTS LIST

Item No.	Part No.	Description	QTY
1	311011815	Blower Assembly	1
2	34103811B	Blower Tube	1

GREENWORKS

COMMERCIAL

**Greenworks Tools
PO Box 1238
Mooresville, NC 28115**

TOLL-FREE HELPLINE: 1-855-470-4267