



greenworks BUG301 Cordless Buffer and Polisher Instruction Manual

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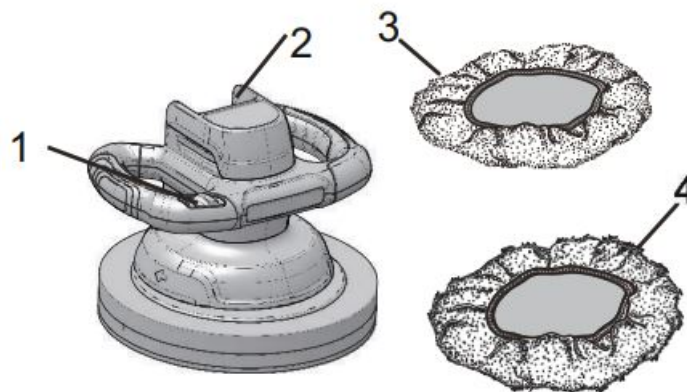
DESCRIPTION

PURPOSE

This tool is used for polishing and buffing :

- Cars, boats, RVs, personal watercraft, motorcycles, hardwood floors, and large furniture.

OVERVIEW



1. ON / OFF Switch
2. Battery Component
3. Application Bonnet
4. Polishing Bonnet

GENERAL POWER TOOL SAFETY WARNINGS

WARNING

Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below 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 battery-operated (cordless) power tool.

WORK AREA SAFETY

- Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks that may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- The machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the machine by a person responsible for their safety. Children should be supervised to ensure that they do not play with the machine.

ELECTRICAL SAFETY

- 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 the risk of electric shock.
- 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.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil, sharp edges and moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. The use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a RESIDUAL CURRENT DEVICE (RCD) protected supply. The use of an RCD reduces the risk of electric shock.

PERSONAL SAFETY

- 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 lapse of attention while operating power tools may result in serious personal injury.
- Use personal protection. Always wear eye protection. Protective products such as dust masks, non-skid safety shoes, hard hats or hearing protection used appropriately will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off position before connecting to a power source and/or battery pack and when 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.
- 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.
- Do not over-reach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- 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.

- Do not let familiarity gained from the frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

POWER TOOL USE AND CARE

- 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.
- 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.
- 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.
- 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.
- Maintain power tools and accessories. 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.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Use the power tool, accessories tool bits etc. by 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.
- Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

BATTERY TOOL USE AND CARE

- 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 power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When the 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 fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with plenty of soap and water. If liquid contacts eyes, immediately seek medical help. Liquid ejected from the battery may cause irritation or burns.
- Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C may cause explosion.
- Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage

the battery and increase the risk of fire.

SERVICE

- 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.
- Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorized service providers.

PROPOSITION 65

WARNING

This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm. 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;
- 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.

Save these instructions.

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

SYMBOLS ON THE PRODUCT

Symbol	Explanation
V	Volts

Symbol	Explanation
min ⁻¹	Revolutions, strokes, surface speed, orbits etc., per minute
	Direct current
	Safety alert
	Read and understand all instructions before operating the product, and follow all warnings and safety instructions.
	Wear ear protection.
	Wear eye protection
	Do not expose the product to rain or moist conditions.

RISK LEVELS

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

SYM- BOL	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 potential 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.

ENVIRONMENTALLY SAFE BATTERY DISPOSAL



The toxic and corrosive materials below are in the batteries used in this machine: Lithium-Ion, a toxic material.

WARNING

Discard all toxic materials in a specified manner to prevent contamination of the environment. Before discarding damaged or worn out Li-ion battery, 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 center, 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. Discard it and replace with a new battery pack. **DO NOT TRY TO REPAIR IT!** To prevent injury and risk of fire, explosion, or electric shock, and to avoid damage to the environment:

- Cover the terminals of the battery with heavy-duty adhesive tape.
- **DO NOT** try to remove or destroy any of the battery pack components.
- **DO NOT** try 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** put these batteries in your regular household trash.
- **DO NOT** incinerate.
- **DO NOT** put them where they will become part of any waste landfill or municipal solid waste stream.
- Take them to a certified recycling or disposal center.

INSTALLATION

UNPACK THE MACHINE

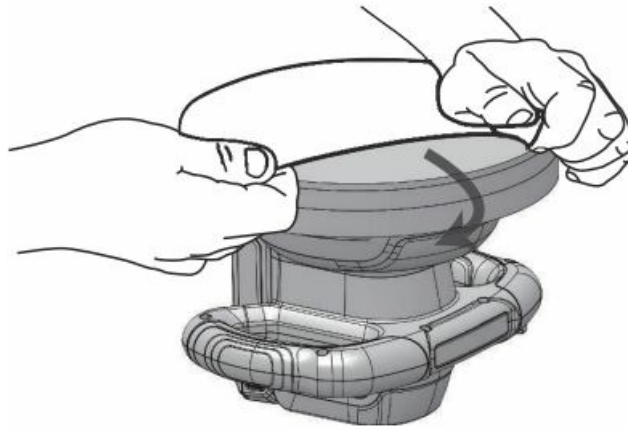
WARNING

It is not necessary to assemble the machine.

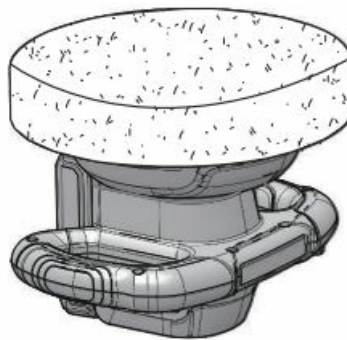
- If parts are damaged, do not use the machine.
- If you do not have all the parts, do not operate the machine.
- If the parts are damaged or missing, speak to the service center.

1. Open the package.
2. Read the documentation in the box.
3. Remove the machine from the box.
4. Discard the box and packaging material in compliance with local regulations.

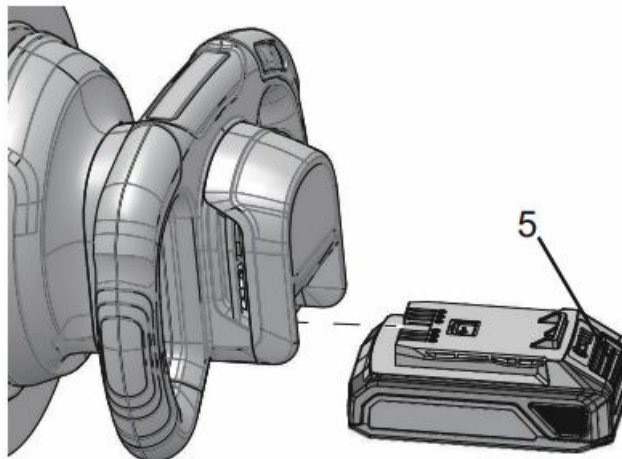
ATTACH THE BONNET



1. Slip the edge of the application bonnet onto the foam pad.
2. Attach the application bonnet to the foam pad fully.
3. Ensure the bonnet is at the center of the foam pad.



INSTALL THE BATTERY PACK



- If the battery pack or charger is damaged, replace the battery pack or the charger.
- Stop the machine and wait until the motor stops before you install or remove the battery pack.
- Read, know, and follow the instructions in the battery and charger manual.

1. Align the battery pack with the grooves in the battery compartment.
2. Push the battery pack into the battery compartment until the battery pack locks into place.
3. When you hear a click, the battery pack is installed.

REMOVE THE BATTERY PACK

1. Push and hold the battery release button (5).
2. Remove the battery pack from the machine.

OPERATION

WARNING

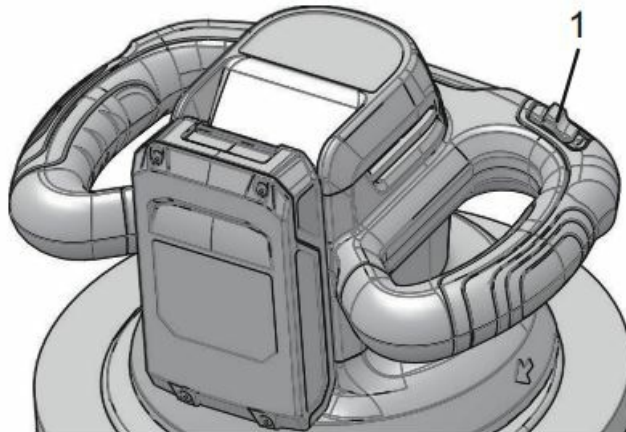
Do not handle battery pack, switch, or machine with wet hands. Do not expose to rain or allow liquid to enter the motor compartment.

START THE MACHINE

1. Apply the wax to the application bonnet evenly.



2. Put the machine on or against the surface being polished.



3. Slide the ON / OFF switch (1) to the O position.
4. Remove the application bonnet then attach the polishing bonnet to start polishing after waxing.

WARNING

Use two hands when operating the machine. Using one hand could cause loss of control and result in serious personal injury.

NOTE

- Before waxing, clear and dry the surface being polished.
- Do not apply too much wax to the bonnet at one time. If the foam pad gets saturated, the endurance of the pad may be reduced.
- Always start and stop the machine on or against the surface being polished.

STOP THE MACHINE

1. Set the ON / OFF switch to the off position.

MAINTENANCE

CAUTION

Do not let brake fluids, gasoline, petroleum-based materials touch the plastic parts. Chemicals can cause damage to the plastic, and make the plastic unserviceable.

CAUTION

Do not use strong solvents or detergents on the plastic housing or components.

WARNING

Remove the battery pack from the machine before maintenance.

CLEAN AND MAINTENANCE

- The bonnets are reusable and can be machined in cold water using a mild detergent.
- Use a moist cloth with a mild detergent to clean the machine and bonnets.
- Clean all moisture with a soft dry cloth.
- Use a small brush to clean the air vents.

STORE THE MACHINE

NOTE

Clean the machine before storage.

1. Remove the battery pack.
2. Let the motor cool.
3. Check that there are no loose or damaged components. If it is necessary, replace the damaged components, tighten screws and bolts, or speak to a person of an approved service center.
4. Store the machine in a cool and dry location.

TROUBLESHOOTING

Problem	Possible cause	Solution
The motor does not start when you pull the trigger.	The battery pack is not installed tightly.	Make sure that you tightly install the battery pack in the machine.
	The battery pack is	Charge the battery
	out of power.	pack.
The machine smokes during operation.	The machine has damage.	1. Immediately stop the machine. 2. Remove the battery pack.
		3. Contact the service center.
		1. Stop the machine.
There is too much noise and/or vibration during operation.	The parts are loose.	2. Remove the battery. 3. Inspect for damage. 4. Check and tighten loose parts.
	The parts have damage.	Do not use the machine and contact the service center.

TECHNICAL DATA

Voltage	24V
Maximum Speed	2,800 (±10%) min-1
Diameter	10"
Weight (without battery pack)	4.2 lbs. (1.9 kg)
Vibration	6.13 m/s ² , K = 1.5 m/s ²
Battery model	LB24A020 and other BAG series
Charger model	CAG801 and other CAG series

The recommended ambient temperature range:

Item	Temperature
Appliance storage temperature range	32°F (0°C) – 113°F (45°C)
Appliance operation temperature range	32°F (0°C) – 113°F (45°C)

Item	Temperature
Battery charging temperature range	39°F (4°C) – 104°F (40°C)
Charger operation temperature range	39°F (4°C) – 104°F (40°C)
Battery storage temperature range	32°F (0°C) – 113°F (45°C)
Battery discharging temperature range	32°F (0°C) – 113°F (45°C)

LIMITED WARRANTY



Greenworks hereby warrants this product, to the original purchaser with proof of purchase, for a period of three (3) years 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 purchased or rented for industrial/commercial use, and that have been maintained in accordance with the instructions in the owners' manual supplied with the product when new.

ITEMS NOT COVERED BY WARRANTY:

1. Any part that has become inoperative due to misuse, commercial use, abuse, neglect, accident, improper maintenance, or alteration; or
2. The unit, if it has not been operated and/or maintained in accordance with the owner's manual; or
3. Normal wear;
4. Routine maintenance items such as lubricants, blade sharpening;
5. Normal deterioration of the exterior finish due to use or exposure.

HELPLINE:

Warranty service is available by calling our toll-free helpline at 1-888-909-6757.

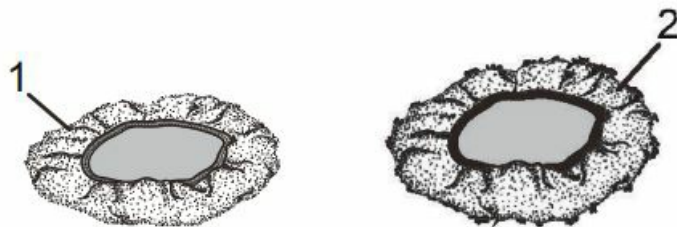
TRANSPORTATION CHARGES:

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.

USA address /Canadian address:


Greenworks Tools Greenworks Tools Canada, Inc. P.O. Box 1238 P.O. Box 93095, Newmarket, Ontario
Mooresville, NC 28115 L3Y 8K3

EXPLODED VIEW



No.	Part No.	Qty	Description
1	R0202998-0 0	1	Application Bonnet
2	R0202999-0 0	1	Polishing Bonnet

Documents / Resources

	<p>greenworks BUG301 Cordless Buffer and Polisher [pdf] Instruction Manual BUG301 Cordless Buffer and Polisher, BUG301, Cordless Buffer and Polisher, Buffer and Polisher, Polisher</p>
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References

- 9 [Greenworks Outdoor Power Equipment, Lawn & Garden Tools](#)