

greenworks

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GARDEN CART

OPERATOR MANUAL



E8038

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1 DESCRIPTION

1.1 PURPOSE

This garden cart is a garden tool, intended for carrying soil, grass, etc. in domestic use.

1.2 OVERVIEW

Figure 1 ~ 8.

1 Bucket	12 Battery release button
2 Throttle	13 Power switch
3 Upper handle	14 Speed button
4 Caster wheel	15 Direction button
5 Front wheel	16 Lock-out button
6 Bucket handle	17 Brake
7 Bucket release lever	18 Oil plug
8 Knob	19 Drain plug
9 Bolt	20 Air cap
10 Battery pack	21 Air pin
11 Battery compartment	22 Valve stem

2 GENERAL POWER TOOL SAFETY WARNINGS

▲ WARNING

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

Save all warnings and instructions for future reference.

The term “power tool” in the warnings refers to your battery-operated (cordless) power tool.

2.1 WORK AREA SAFETY

- **Keep 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 which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2.2 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 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 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.** 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.** Use of an RCD reduces the risk of electric shock.

2.3 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 moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment.** Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used appropriately will reduce personal injuries.
- **Prevent unintentional starting.** Ensure the switch is in the off position before connecting to 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 jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry 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 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.

2.4 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 remove the BATTERY pack, if detachable, 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 and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*
- **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.*

2.5 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.*

3 GARDEN CART SAFETY WARNINGS

- Do not put your hands or feet near or under the rotating wheels.
- Never operate the machine in the rain or in tall wet grass. Remember, this is an electric machine.
- Do not turn on slopes unless necessary, and then, turn slowly and gradually.
- Do not use on slopes over 16.7 degrees.
- Park on level surfaces for stability when loading or unloading.
- Do not pull the machine backwards while running in forward gear. This can damage the motor and ruin the gears.









- Prevent damage to the motor and gears – do not tow anything behind the machine or overload it.
- Evenly disperse the load in the machine bucket.
- Weight limit: 220 lbs. (100 kg) on level cement surfaces — overloading may cause injury and could permanently damage unit.
- Only load with as much weight as you can control when machine is moving.
- Never carry passengers.
- Do not use if forward/backward button or power switch or lock-out button is not working properly.
- Do not move near drop-offs, ditches, or embankments. The machine could suddenly turnover if a wheel is over the edge of a cliff or ditch or if an edge caves in.

4 BATTERY SAFETY WARNINGS

- Use equipment only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- 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.
- Do not charge appliance in rain, or in wet locations.
- Remove or disconnect battery before servicing, cleaning.
- Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
- Ensure the switch is in the off position before inserting battery pack. Inserting the battery pack into power tools that have the switch on invites accidents.
- 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 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 expose a battery pack or tool to fire or excessive temperature.
- Do not dispose of the battery(ies) in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
- Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.

5 SYMBOLS ON THE PRODUCT

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.

Symbol	Explanation
V	Voltage
A	Current
W	Power
min	Time
	Alternating current-Type or characteristic of current.
	Direct current-Type or characteristic of current.
	Precautions that involve your safety.
	Read and understand all instructions before operating the product, and follow all warnings and safety instructions.
	Do not expose the product to rain or moist conditions.
	Wear eye and ear protection.
	Thrown objects can ricochet and result in personal injury or property damage. Wear protective clothing and boots.
	Do not operate on inclines greater than 15°.

6 MOVE ON SLOPE

- Slopes are a major factor related to slip-and-fall accidents, which can result in severe injury. All slopes require caution. If you feel uneasy on a slope, do not drive on it.
- Use caution on slopes. Whenever possible, move up and down the slope at an angle.
- Exercise caution when changing directions on slopes.
- When moving down slopes, always keep your machine in low gear. The friction of the motor helps you keep better control of your machine.
- Use caution when carrying heavy loads up slopes. If your machine is overloaded, the safety fuse may trip and allow the machine to rollback toward you, which may cause severe injury.

- Do not turn on slopes unless necessary, and then, turn slowly and gradually.
- Remove obstacles such as rocks, tree limbs, or any other potential object that your machine could hit.
- Watch for holes, ruts, or bumps. Be careful on uneven terrain to avoid overturning your machine. Tall grass can hide obstacles.
- Do not park your machine on hills or steep slopes.




7 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 machine. 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 machine 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 machine.

8 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 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.

9 RECYCLE

	Separate collection. You must not discard with usual household waste. If it is necessary to replace the machine, or if it is no more use to you, do not discard it with household waste. Make this machine available for separate collection.
	Separate collection of used machine and packaging let you recycle materials and use them again. Use of the recycled materials helps prevent environmental pollution and decreases the requirements for raw materials.
	At the end of their useful life, discard batteries with a precaution for our environment. The battery contains material that is dangerous to you and the environment. You must remove and discard these materials separately at a equipment that accepts lithium-ion batteries.

10 INSTALLATION

10.1 UNPACK THE MACHINE

▲ WARNING

Make sure that you correctly assemble the machine before use.

▲ WARNING

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

1. Open the package.
2. Read the documentation provided in the box.
3. Remove all the unassembled parts from the box.
4. Remove the machine from the box.
5. Discard the box and packing material in compliance with local regulations.

▲ WARNING

For your personal safety, do not insert battery before the tool is assembled completely.

10.2 INSTALL THE UPPER HANDLE

Figure 2.

1. Align the holes in the upper handle and the lower handle.
2. Put the bolt through the hole.

3. Tighten the knob onto the bolt.
4. Do the same operation on the other side.

10.3 INSTALL THE BATTERY PACK

Figure 3

▲ WARNING

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

1. Open the battery door.
2. Align the lift ribs on the battery pack with the grooves in the battery compartment.
3. Push the battery pack into the battery compartment until the battery pack locks into place.
4. When you hear a click, the battery pack is installed.
5. Close the battery door.

10.4 REMOVE THE BATTERY PACK

Figure 3.

1. Open the battery door.
2. Push and hold the battery release button.
3. Remove the battery pack from the machine.

11 OPERATION

▲ WARNING

Hold the handle tightly when you move the machine.

11.1 ADJUST THE SPEED

i NOTE

The machine has a two-speed button.

Figure 4.

1. Push the high speed icon, the machine will work in high speed.
2. Push the low speed icon, the machine will work in low speed.

11.2 CHANGE THE DIRECTION BUTTON

Figure 4.

i NOTE

The machine has a two-direction button.

1. Push the forward icon to go forward .

2. Push the backward icon to go backward.

▲ WARNING

Move backward for short distance.

11.3 START THE MACHINE

Figure 4.

1. Set the power switch to ON position.
2. Press the direction button.
3. Press the speed button.
4. Press the safety button.

i IMPORTANT

If you do not rotate the throttle in 4 seconds, press the safety button again.

5. Rotate the throttle.

11.4 STOP THE MACHINE

Figure 4.

1. Release the throttle.
2. Set the power switch to the OFF position.

▲ WARNING

Do not let go of the handle until the machine does not move.

▲ WARNING

Put the machine on a level surface.

11.5 USE THE BRAKE

Figure 5.

11.5.1 LOCK THE BRAKE

1. Step on the brake.

11.5.2 UNLOCK THE BRAKE

1. Step on the brake again.

11.6 EMPTY THE BUCKET

Figure 6.

1. Stop the machine.
2. Push the bucket release lever to release the bucket.
3. Hold the bucket handle to lift the bucket.
4. Empty the bucket

12 MAINTENANCE

▲ WARNING

Before maintenance, make sure that you

- stop the machine.
- wait until all the moving parts stop.
- remove the battery pack from the machine.

▲ WARNING

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

▲ WARNING

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.

12.1 CHANGE THE OIL

▲ CAUTION

Change the oil each six months in the first year. Change the oil each year in the remaining years.

12.1.1 EMPTY THE OIL

Figure 7.

1. Remove the drain plug with a wrench (not provided).
2. Drain the oil.
3. Install and tighten the drain plug.

12.1.2 ADD THE OIL

Figure 8.

1. Remove the oil plug with a wrench (not provided).
2. Add the oil into the oil hole.
3. Install and tighten the oil plug

i IMPORTANT

The oil capacity is approximately 150 ml.

12.2 EXAMINE THE TIRE PRESSURE

Figure 6.

▲ WARNING

Keep the tire pressure between 28 and 30 psi.

12.2.1 ADD THE AIR

1. Remove the air cap.
2. Push the air hose (not provided) onto the valve stem.

▲ WARNING

Do not inflate the tires too much to prevent the tire from explosion.

12.2.2 REMOVE THE AIR

1. Push the air pin in the center of the valve stem.

13 TRANSPORTATION AND STORAGE**▲ WARNING**

Remove the battery pack from the machine before transportation and storage.

13.1 STORE THE MACHINE**▲ WARNING**

Make sure that the electrical parts are dry.

▲ WARNING

Make sure that children cannot come near the machine.

- Clean housing and the plastic components with a moist and soft cloth.
- Make sure that the machine does not have loose or damaged parts. If it is necessary, do these steps/ instructions:
 - replace the damaged parts.
 - tighten the bolts.
 - speak to a person of an approved service center.
- Store the machine in the environment where the temperature is between -10° F (-23° C) and +85° F (+23° C).

14 TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
The motor does not start.	Battery pack is not installed tightly.	Make sure that you tightly installed the battery pack in the machine.
	Battery pack is out of power.	Charge the battery pack.
	The wire is loose.	Make sure that you tightly attach the connectors.
	The controller is damaged.	Replace the defective controller by an approved service centre.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The machine runs sluggishly.	The battery power is low.	Charge the battery pack.
	The battery is old.	Replace with a new battery.
	The surface is not stable.	Try to move the machine on a level surface.
The machine does not run occasionally.	The electrical switches are damaged.	Speak to a person of an approved service center.
	The electrical switches are corroded.	Speak to a person of an approved service center.
The gearbox makes noise.	The gear is damaged.	Speak to a person of an approved service center.

15 TECHNICAL DATA

Normal voltage	40 V
Rating power	300 W
Loading capacity	220 lbs. (100kg)
Inflation pressure	30 PSI Maximum
Weight (without battery)	33 kg (±2 kg)
Capacity (Volume)	106 L/ 3.74 CUFT
Length	52.6" (133.6 cm)
Width	26.4" (67 cm)
Height	43.7" (111 cm)
Speed	High: 4.2 km/h (±0.5km/h)/ 2.6 mph (±0.31 mph)
	Low: 3 km/h (±0.5km/h)/ 1.86 mph (±0.31 mph)
	Reverse: 2.4 km/h (±0.5km/h)/ 1.49 mph (±0.31 mph)
Front Tire	12x5.0-6" Pneumatic wheel
Rear Tire	8" Solid caster wheel
Oil type	Automatic Transmission Fluid
Oil capacity	150 ml
Battery model	G40B2 / G40B4 and other BAF series
Charger model	G40UC and other CAF series

16 WARRANTY

(The full warranty terms and conditions can be found on Greenworks website www.powerworkstools.eu)

The Greenworks warranty is 4 years on the product, and 2 years on batteries and chargers (consumer/private usage) from the date of purchase. This warranty covers manufacturing faults. A faulty product under warranty might be either repaired or replaced. A unit that has been misused or used in other ways then described in the owner's manual might be rejected for warranty. Normal wear, and wear parts are not considered as warranty. The original manufacturer warranty is not affected by any additional warranty offered by a dealer or retailer.

A faulty product must be returned to the point of purchase in order to claim for warranty, together with the proof of purchase (receipt).

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.