

BENCHMARK™

20V MAX[†] CORDLESS BACKPACK SPRAYER



ITEM# 5050-075



5 Year Limited Warranty on tool



RM-SPL16

**READ ALL INSTRUCTIONS BEFORE FIRST USE.
KEEP THIS MANUAL FOR FUTURE REFERENCE.
KEEP AWAY FROM CHILDREN.
SEE NEXT PAGE FOR CRITICAL TOOL RELATED
PRECAUTIONS.**

[†] Maximum initial battery voltage (measured without a load)
is 20 volts. Nominal voltage is 18 volts.



**WEAR CSA APPROVED
EYE PROTECTION**



**WEAR EAR
PROTECTION**



**WEAR A
FACE MASK**

PRODUCT SPECIFICATIONS

20V MAX CORDLESS BACKPACK SPRAYER

Working pressure	72.5 PSI
Tank capacity	16L (4 gallons)
Flow rate	1.25 L/min (0.33 GPM)
Sprayer weight	7LBS./3.2KG

PARTS AVAILABLE AT HOME HARDWARE

Batteries (sold separately)	HH #5350-023 (2.5Ah) HH #5350-012 (5Ah)
Charger (sold separately)	HH #5350-010 (2.4A)
Battery/Charger Kit (sold separately)	5350-026 (2.5Ah Battery/2.4Amp Charger) 5350-025 (2.5Ah Battery/6Amp Charger)

CRITICAL TOOL RELATED PRECAUTIONS

1. Use only with the specified 20V battery pack.
Using the wrong battery type or voltage can damage the tool or create a fire or injury risk.
2. Use only approved liquids. Safe for most garden chemicals — never use flammable or highly corrosive solutions.

Batteries (not included) must be fully charged before first use and must be charged/stored indoors in a cool dry environment. Exposure to temperature extremes will reduce battery performance and lifespan.

READ ALL SAFETY, WARNING, PRECAUTIONS AND MAINTENANCE INFORMATION PROVIDED IN THIS MANUAL.

NEED ASSISTANCE?

- Technical questions
- Replacement parts
- Parts missing from package

Scan here for support



Email us at: customerservice@powertoolsplus.ca
Call us on our toll-free customer support line:
1-866-349-8665 (9-5pm Monday-Friday EST)

TABLE OF CONTENTS

Product specifications 1
Table of contents 2
General safety warnings 3-4
Service 4
Specific safety rules 4-6
Know your 20v max cordless backpack sprayer 7
Assembly and operation 8-13
Maintenance 14-16
Warranty 16

GENERAL SAFETY WARNINGS

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 mains operated (corded) power tool or battery - operated (cordless power tool).

- **Know your chemical sprayer.** Read and understand the operator's manual and observe the warnings and instruction labels affixed to the tool.
- **Do not operate the product in explosive environment, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Do not allow bystanders or children in the area while operating this product.** Exposure to some chemicals can be hazardous.
- **This product is suitable for indoor and outdoor use.**
- **Stay alert, watch what you are doing and use common sense when operating this product. Do not use while you are tired or under the influence of drugs, alcohol or Medication.** A moment of inattention while operating this product may result in serious personal injury.
- **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair can be caught in moving parts.
- **Use safety equipment. Always wear eye protection with side shields or goggles and a dust mask.** Protect eyes, skin and lungs against drifting spray and during mixing, filling, and cleaning.
- **Do not overreach Keep proper footing and balance at all times.**
- **Do not use on a ladder or unstable support.** Stable footing on a solid surface enables better control of the product in unexpected situations.
- **Do not use the product if the switch does not turn it on and off.** Any product that cannot be controlled with the switch is dangerous and must be repaired.
- **Store the product out of the reach of children and do not allow persons unfamiliar with the product or these instructions to operate the product.**
- **Keep the sprayer and its handle dry, clean and free from oil and grease.** Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products, or any strong solvents to clean your tool. Following this rule will reduce the risk of loss of control and deterioration of the enclosure plastic.
- **Use this product in accordance with these instructions and in the manner intended, taking into account the working conditions and the work to be performed.** Use of the product for operations different from those intended could result in a hazardous situation.


- **Avoid accidental starting. Ensure the switch is in the off position before inserting battery pack.** Inserting the battery pack into products that have the switch on invites accidents.
- **Use the product only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **Use battery only with charger listed.**
- **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, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- **Have this product serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- **When servicing the product, use only identical replacement parts. Follow instructions in the maintenance section of this manual.** Use of unauthorized parts or failure to follow maintenance instructions may create a risk of shock or injury.
- **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.


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.

SPECIFIC SAFETY RULES

 **WARNING:** Improper use or failure to follow warnings or instructions can result in explosive failure causing serious eye or other injury. For safe use of this product you must read and follow all warnings and instructions.

 **WARNING:** Risk of fire or explosion. Do not spray flammable liquids such as gasoline. Look for this symbol reference on the container.

 **WARNING:** Some spray created from products used with the sprayer contains chemicals that may be harmful. Follow directions on containers of all such products. To reduce your exposure to these chemicals, wear approved safety equipment such as face masks that are specially designed to filter out sprays, gloves, and other appropriate protective equipment.

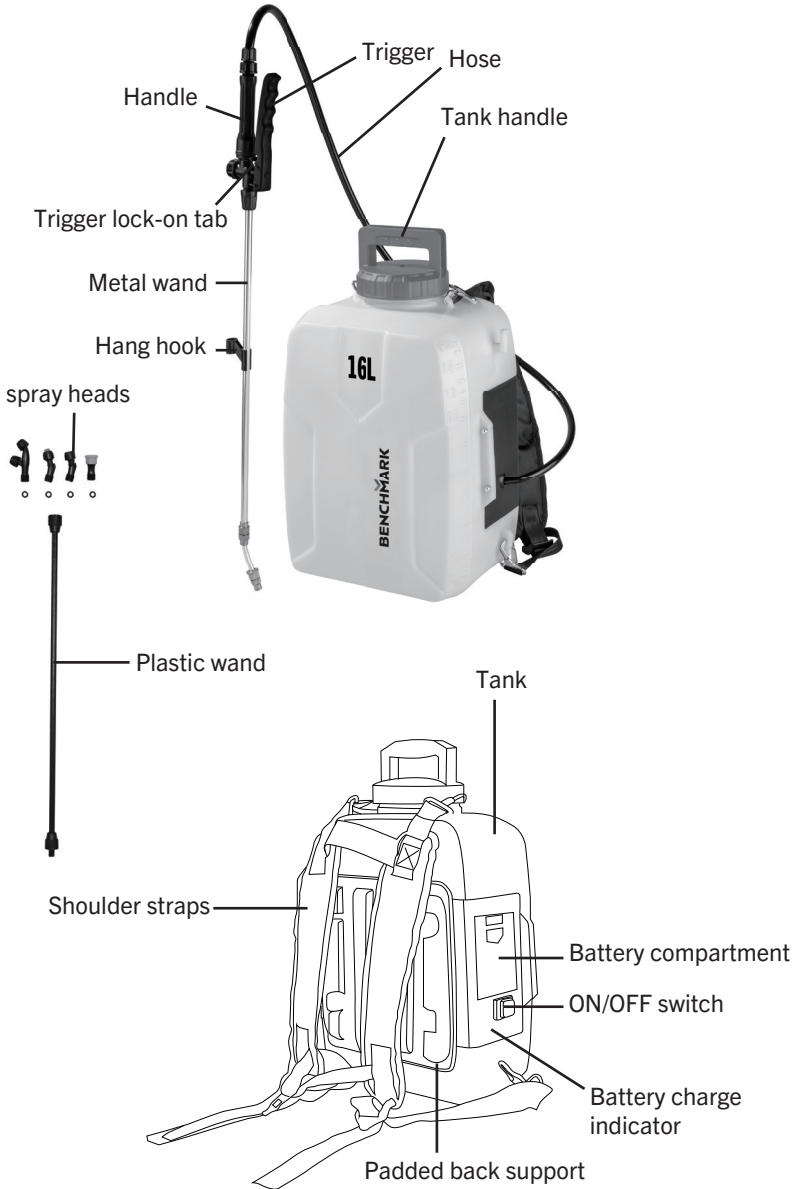
⚠ WARNING: Before filling the tank, always remove the battery pack. Wipe up any spills before inserting the battery pack. Following this rule will reduce the risk of electric shock and corrosive liquids entering the battery pack, which can cause battery pack failure including short circuit resulting in smoke, fire, and/or serious personal injury.

⚠ WARNING: Do not allow conductive or corrosive fluids to get inside the battery pack. If conductive or corrosive fluids are spilled on the battery, refer to the instructions in your battery operators manual.

- Pressure is generated in a separate chamber, not the tank. To release pressure from the hose, hold the spray lever until all pressure is gone. Always handle the nozzle and hose carefully to prevent spills, and spray any remaining chemical after use to avoid clogs, as some chemicals dry quickly and can block the filters or nozzle.
- Avoid spraying in strong winds. Always spray with the wind at the operator's back, so the spray is carried away.
- Always wear goggles, gloves, long sleeve shirt, long pants, mask and full foot protection when spraying.
- Never use any tool to remove pump if there is pressure in sprayer.
- Never stand with face or body over top of tank when pumping or loosening pump to prevent ejecting pump assembly and/or solution from striking and injuring you.
- Never pressurize sprayer by any means other than the original pump.
- Do not attempt to modify this sprayer. Replace parts only with manufacturer's original parts.
- Never spray flammable, caustic, acidic, chlorine, bleach or other corrosive solutions or heat, pressure, or gas producing chemicals.
- Do not use alcohol based chemicals, powders or abrasive chemicals.
- Do not use caustic (alkali) or self-heating liquids in this sprayer.
- Know the contents of the chemical being sprayed and follow chemical manufacturer's instructions Read all Safety Data Sheets (SDS) and container labels provided with the chemical. Some chemicals may be hazardous when used with this sprayer. Follow the chemical manufacturer's safety instructions.
- Before using spray materials in this sprayer, read the label on its original container thoroughly and follow its directions. Some spray materials are dangerous and should not be used in this sprayer, as they can damage the sprayer and cause serious bodily injury or property damage.
- Electric shock hazard. Never spray toward electrical outlets.
- Do not pour hot or boiling liquids into the tank. These can weaken or damage the tubes or tank.
- For household and outdoor use.
- Spray area must be well ventilated.

- Store the sprayer in a secure, well-ventilated indoor space with the fluid tank empty.
- Do not point the sprayer nozzle in the direction of people or pets.
- Do not smoke while using the sprayer, or spray where spark or flame is present.
- To reduce the risk of fire or explosion use a liquid with a flash point higher than 140°F (60°C).
- Risk of injection. Do not discharge directly against skin.
- To reduce the risk of electric shock, do not put the sprayer into water or other liquid. Do not place or store the sprayer where it can fall or be pulled into a tub or sink.
- Maintain this product. Thoroughly inspect both the inside and outside of the sprayer and examine the components before each use. Check for cracked and deteriorated tanks, leaks, clogged nozzles, and missing or damaged parts. If damaged, have the product repaired before use. Many accidents are caused by poorly maintained products.
- Disconnect the battery from the unit before draining, cleaning, or storing the sprayer. Such preventive safety measures reduce the risk of accidental starting.
- Always wear eye protection with side shields or goggles marked to comply with ANSI Z87.1. Failure to do so could result in fluids entering your eyes resulting in possible serious injury.
- Protect your lungs. Wear a face or dust mask when using the sprayer. Following this rule will reduce the risk of serious personal injury. Follow the chemical manufacturer's safety instructions and guidelines listed on the SDS sheet.
- Wash thoroughly after each use and do not leave residue or spray material in the tank or nozzle after using the sprayer. Clean after each use.
- Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards when not using your battery tool or when changing accessories. Remove battery pack when tool is not in use. Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- Do not place battery tools or their batteries near fire or heat. This will reduce the risk of explosion and possibly injury.
- Do not crush, drop or damage battery pack. Do not use a battery pack or charger that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
- Batteries can explode in the presence of a source of ignition, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.

KNOW YOUR 20V MAX CORDLESS BACKPACK SPRAYER



ASSEMBLY AND OPERATION

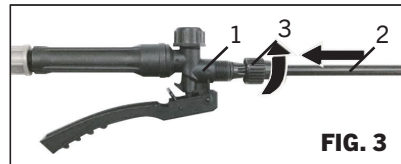
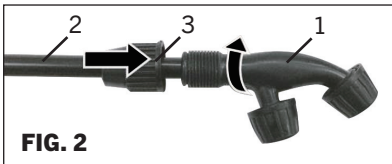
ATTACHING THE PLASTIC SPRAY HEAD AND WAND

The sprayer comes with four different spray nozzles included in the accessories (see Fig. 1).

NOTE: Plastic nozzles can only be used with plastic wand.



1. To attach the spray nozzle to the spray wand, align the spray nozzle (1) and the wand (2). Slide the nut (3) onto the threaded coupling and hand-tighten securely. Do not over-tighten (see Fig. 2).
2. To attach the spray wand (2) to the trigger handle (1), insert the spray wand into the trigger handle. Then slide the nut (3) onto the threaded coupling and hand-tighten securely (see Fig. 3).

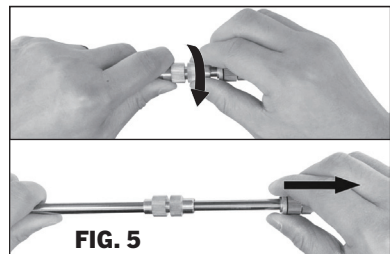
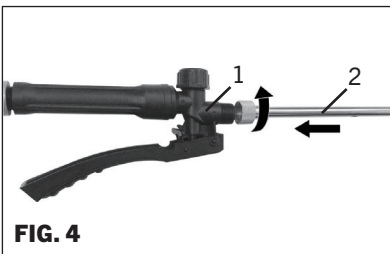


MOUNTING AND ADJUSTING THE METAL SPRAY WAND

1. To attach the metal spray wand (2), align the spray wand with the spray handle (1), then turn the screw clockwise to secure it (see Fig. 4).

NOTE: The metal spray wand is telescopic and can extend up to 1 meter (approximately 39 inches) in length. To adjust the length (see Fig. 5).

2. Loosen the middle locking nut.
3. Hold the spray head and pull it outward to extend.
4. Once the desired length is reached, tighten the middle locking nut to secure it.



REASSEMBLING THE HOSE TO THE TRIGGER HANDLE

The hose comes preassembled to the trigger handle; if it becomes loose, slide the nut on the hose away from the hose end.

Ensure the sprayer is turned off and the battery is removed.

Slide the nut on the hose away from the hose end.

Insert the hose end fully into the trigger handle.

Slide the nut back toward the trigger handle and tighten securely by hand.

Check that the hose is firmly attached and does not pull out.

MOUNTING AND ADJUSTING THE SHOULDER STRAPS

1. Attach the shoulder straps to the tank by hooking the four metal hooks on the straps onto the corresponding points on the tank (Fig. 6).



FIG. 6

2. Adjust the straps for a comfortable fit. If the straps feel too tight, loosen the belt to extend the length, then fasten securely (Fig. 7).



FIG. 7

3. After adjustment, the straps can be further secured using the chest buckle (Fig. 8).

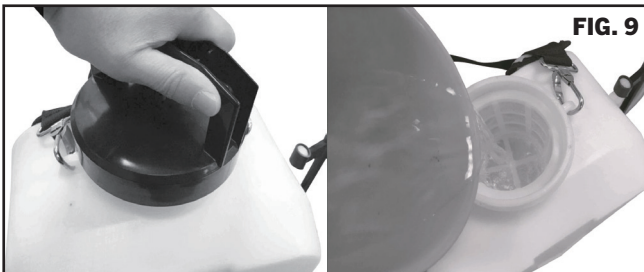


FIG. 8

FILLING THE TANK

WARNING:

- Before filling the tank, always remove the battery pack and ensure the battery cover is closed. Wipe up any spills before inserting the battery pack. Following this rule will reduce the risk of electric shock and corrosive liquids entering the battery pack, which can cause battery pack failure including short circuit resulting in smoke, fire, and/or serious personal injury.
- Always follow the chemical manufacturer instructions printed on their product labeling for use, cleaning, and storage. Clean thoroughly after each use, following the instructions in the Maintenance section of this manual. Chemicals should be stored out of the reach of children. Failure to do so may result in serious personal injury.
- Do not allow conductive or corrosive fluids to get inside the battery pack. If conductive or corrosive fluids are spilled on the battery, refer to the instructions in your battery operators manual.
- Liquids to be sprayed must be as thin as water. Thicker liquids will not spray properly.
- Do not overfill the tank.



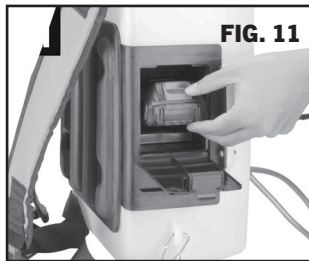
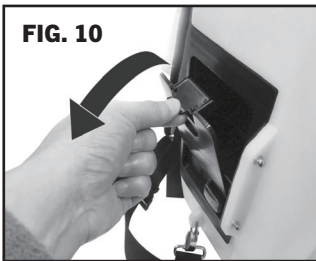
NOTE: A removable strainer prevents debris that can clog or damage the pump from entering the tank. It may be removed when using a funnel or for cleaning. Always reinsert strainer before re-installing cap.

1. Remove the battery pack.
2. Unscrew the cap (turn counter-clockwise to loosen) and remove it from the tank. (Fig.9)
3. Measure the recommended amount of liquid.
4. Fill the tank with the desired amount of liquid (up to 16 liters).
5. Carefully pour the liquid into the tank.(Fig.9)
6. Rinse the measuring container with clean water.
7. Screw the cap back onto the sprayer, making sure it is tightened securely.
8. Re-install the battery pack.
9. Spray solutions may be premixed and poured into the sprayer, using a funnel if needed.

INSTALL BATTERY PACK (NOT INCLUDED)

Before installing the battery pack, make sure the tank is clean and dry especially on the battery cover and battery compartment. If needed, wipe off any dirt or spilled water.

1. Press the clip on the battery compartment cover and pull down (Fig. 10).
2. Insert the battery pack into the battery compartment (Fig. 11). When a click is heard, the battery pack is securely in place.



TURNING THE SPRAYER ON/OFF

The sprayer is equipped with a two-stage main switch: Stage I provides low pressure, and Stage II provides high pressure (Fig. 12).

1. To switch on: Press the switch button to the “I” or “II” position.
2. To switch off: Press the switch button to the “O” position.



FIG. 12

BATTERY CHARGE INDICATOR

The sprayer is equipped with a battery charge indicator. After turning on the sprayer, the three indicator lights will indicate battery charge status as follows:

- Full battery: All three lights are on.
- Low battery: Only one light remains on.

Please check the battery level and replace the battery pack if necessary (Fig. 13).



FIG. 13



FIG. 14

TRIGGER LOCK-ON TAB

The lock-on feature is convenient for extended spraying or covering large areas.

- To lock on: Squeeze the trigger and push the locking tab up to engage the locking hook.
- To release: Squeeze the trigger and push the locking tab down to disengage the locking hook (Fig. 14).

NOTE: Ensure the trigger is not locked before inserting the battery pack into the sprayer.

ADJUSTING THE SPRAY NOZZLES

Cone Spray Nozzle (Fig. 15)

1. Remove the battery pack from the sprayer.
2. Loosen the nozzle for a narrow stream.
3. Tighten the nozzle for a fan-shaped spray.

Metal Spray Nozzle (Metal Wand) (Fig. 15)

1. Remove the battery pack from the sprayer.
2. Loosen the nozzle for a water column.
3. Tighten the nozzle for a narrow stream.

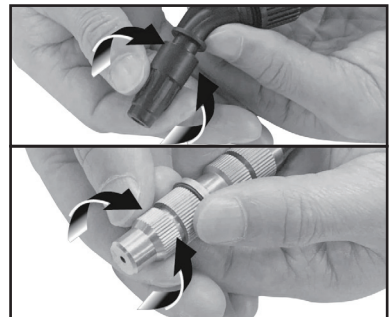


FIG. 15

USING THE SPRAYER

1. Remove the battery pack before adding chemicals.
2. Pour the measured chemical into the tank according to the product label and the sprayer's fill limits.
3. Securely close the tank lid.
4. Install the battery pack into the sprayer.
5. Press the ON/OFF switch to start the motor.
6. Aim the sprayer head at the plants or objects you wish to treat (Fig.16).

NOTE: Stand at a safe distance to prevent spray from splashing back onto you.

7. Squeeze the trigger to begin spraying.
8. Release the trigger to stop spraying.
9. After use, empty, clean, and drain the tank and nozzle.

Thoroughly clean the sprayer before storing or before switching to a different chemical.

10. Wash your hands and any exposed skin thoroughly after handling chemicals and using the sprayer.

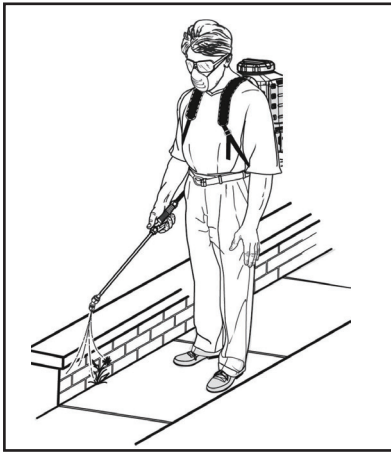


FIG. 16

MAINTENANCE

⚠️ WARNING: To avoid serious personal injury, always remove the battery pack from the tool when cleaning or performing any maintenance.

⚠️ WARNING: When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.

⚠️ WARNING: Periodically 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. Please contact customer service or a qualified service center for assistance.

OPERATING TIPS

- Never point the spray end of the wand at yourself or others.
- Avoid spraying on windy days. Spray can be accidentally blown onto plants or objects that should not be sprayed.
- Never spray in the direction of people or animals; always spray downwind.
- Especially in warmer weather, spray in the early morning or late afternoon. Excessive heat can evaporate the spray before it settles.
- Never smoke, eat, or drink while operating the sprayer.

GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, dust, oil, grease, etc.

⚠️ WARNING: Do not at any time let brake fluids, gasoline, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken, or destroy plastic which may result in serious personal injury.

DRAINING THE TANK

If there is any liquid left in the tank after spraying, the tank should be drained before cleaning.

1. Remove the battery pack.
2. Unscrew the cap and remove it from the tank.
3. Remove the the strainer from the tank.

NOTE: Drain the contents back into the original container. Do not store chemicals in the tank.

CLEANING THE TANK AND SPRAY WAND ASSEMBLY

1. Fill the tank about one-third full with clean water. A small amount of mild household detergent may be added.

NOTE: Never use flammable chemicals or abrasive cleaning agents to clean the tank.

2. Wipe the outside of the tank with a clean, dry cloth.
3. Re-install the battery pack. Spray until the tank has been emptied. Make sure to direct the spray toward an area that will not be damaged by the spray solution.
4. Refill and repeat the procedure with clean water. It may be necessary to rinse the tank more than once, then drain again as directed above.
5. Allow all pieces to completely dry before re-installing parts and storing the unit. Always reinsert strainer before replacing cap.

CLEANING THE NOZZLES

If the nozzle becomes plugged, use the steps below to clear.

1. Remove the battery pack.
2. Unscrew and remove the nozzle from the spray wand.
3. Push a small wire through the cross holes to clear any debris. If necessary, rinse the cross holes and nozzle with clean water.
4. Wipe the nozzle and cross holes with a clean dry cloth and re-install the nozzle.

STORING THE SPRAYER (Fig. 17)

After cleaning, store the sprayer in a dry place. Do not leave the sprayer in direct sunlight. The sprayer wands can be stored on the hang hook or on the tank cap as shown below (Fig. 17).



WARRANTY

**BENCHMARK WARRANTY FOR
20V MAX CORDLESS BACKPACK SPRAYER**

If this Benchmark tool fails due to a defect in material or workmanship within 5 years from the date of purchase, return it to any Home Hardware store with the original bill of sale for exchange. This warranty does not include expendable parts including but not limited to blades, brushes, belts, light bulbs.

This warranty covers defects in material or workmanship only. It does not cover normal wear and tear, failure due to abuse/misuse, or defects caused by careless or accidental mishandling. If this Benchmark product is used for commercial or rental purposes, this warranty does not apply.

20V MAX[†] CORDLESS BACKPACK SPRAYER



BENCHMARKTM
MC

BENCHMARK TOOLS CANADA
ST. JACOBS, ONTARIO N0B 2N0
© 2025 Home Hardware Stores Limited

CUSTOMER SERVICE/TECH SUPPORT
1-866-349-8665

5050-075

Made in China



* This BenchmarkTM product carries a five (5) year LIMITED warranty against defects in workmanship and materials.



RM-SPL16

**READ ALL INSTRUCTIONS BEFORE FIRST USE.
KEEP THIS MANUAL FOR FUTURE REFERENCE.
KEEP AWAY FROM CHILDREN.**



**WEAR CSA APPROVED
EYE PROTECTION**



**WEAR EAR
PROTECTION**



**WEAR A
FACE MASK**