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> [Solo Model 441 Rechargeable Backpack Sprayer User Manual](#)

SOLO 441

SOLO Model 441 Rechargeable Backpack Sprayer User Manual

For Model: 441

1. INTRODUCTION

Thank you for choosing the SOLO Model 441 Rechargeable Backpack Sprayer. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new sprayer. Please read this manual thoroughly before initial use and retain it for future reference.

Important Safety Information

Always observe the following safety precautions to prevent injury or damage:

- Handle the pressurized tank with care.
- Use caution when dealing with the product's electrical components.
- Take precautions to avoid chemical exposure. Always wear appropriate personal protective equipment (PPE) when handling chemicals.
- Do not spray flammable liquids.
- Keep out of reach of children and pets.

2. PRODUCT OVERVIEW

The SOLO Model 441 is a 4-gallon capacity rechargeable backpack sprayer designed for various garden and lawn care applications. Its battery-powered operation provides consistent pressure without manual pumping.

Key Features

- Rechargeable Battery Operation
- 4-Gallon Tank Capacity
- Adjustable and Robust Design
- High Density Polyethylene (HDPE) Material

Components

The package includes the main sprayer unit and a pump. Additional accessories may be sold separately.



Image 1: SOLO Model 441 Rechargeable Backpack Sprayer. This image displays the complete sprayer unit, highlighting its backpack design and orange tank.

3. SETUP

3.1. Initial Assembly

1. Unpack all components from the packaging.
2. Attach the spray wand to the hose, ensuring a secure connection.
3. Connect the hose to the sprayer unit's outlet port.
4. Adjust the shoulder straps for comfortable fit if using as a backpack.

3.2. Battery Charging

1. Locate the charging port on the sprayer unit.
2. Plug the provided charger into a standard electrical outlet.
3. Connect the charger to the sprayer's charging port.
4. Allow the battery to charge fully before first use. Refer to the charger's indicator light for charging status (e.g., red for charging, green for fully charged).
5. Disconnect the charger once charging is complete.

4. OPERATING INSTRUCTIONS

4.1. Filling the Tank

1. Ensure the sprayer is on a stable, level surface.
2. Unscrew and remove the tank lid.
3. Carefully pour the desired liquid (e.g., garden chemicals, water) into the tank, observing the 4-gallon maximum capacity. Do not overfill.

4. Securely replace and tighten the tank lid to prevent leaks.

4.2. Operation

1. Put on appropriate personal protective equipment (PPE) as recommended by the chemical manufacturer.
2. Turn on the power switch located on the sprayer unit. The pump will activate.
3. Adjust the nozzle on the spray wand to achieve the desired spray pattern (e.g., fine mist, stream).
4. Press the trigger on the spray wand handle to begin spraying. Release the trigger to stop.
5. The sprayer maintains a maximum pressure of 37.5 PSI for consistent application.
6. When finished, turn off the power switch.

5. MAINTENANCE

5.1. Cleaning After Use

1. Empty any remaining liquid from the tank.
2. Rinse the tank thoroughly with clean water.
3. Fill the tank with clean water and spray it through the wand until the tank is empty to flush the hose and nozzle.
4. Clean the exterior of the sprayer with a damp cloth.

5.2. Storage

Store the sprayer in a cool, dry place, away from direct sunlight and freezing temperatures. Ensure the battery is charged before long-term storage to prolong its life. Do not store with chemicals in the tank.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Sprayer does not turn on	Battery is discharged; Power switch is off	Charge the battery; Turn on the power switch
Low spray pressure	Battery is low; Nozzle is clogged; Tank lid not sealed	Recharge battery; Clean the nozzle; Ensure tank lid is tightly sealed
No spray output	Tank is empty; Nozzle is completely blocked; Hose kinked	Refill tank; Clear nozzle blockage; Straighten hose
Leaking from tank lid	Lid not tightened; Seal is damaged	Tighten lid securely; Inspect and replace seal if damaged

7. SPECIFICATIONS

Specification	Detail
Model Name	441
Brand	SOLO

Specification	Detail
Tank Volume	4 Gallons
Power Source	Battery Powered
Maximum Pressure	37.5 PSI (Pound per Square Inch)
Material	High Density Polyethylene (HDPE)
Product Dimensions	12.7"W x 32"H
Item Weight	10.33 pounds (4.7 Kilograms)
Recommended Uses	Garden sprayer
UPC	720343424003
ASIN	B0B34JCQ97

8. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please contact SOLO customer service directly. Refer to the product packaging or the official SOLO website for the most current contact details.

Always provide your model number (441) and purchase date when contacting support to ensure efficient service.