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VEVOR BS60

VEVOR ATV Spot Sprayer 15.9 Gal/60L User Manual

Model: BS60

1. Safety Information

Read and understand all safety warnings and instructions before operating this product. Failure to follow these instructions may result in serious injury or property damage.

- **Caution:** Handle with care. Pressurized liquids, chemical exposure, and mechanical risks present potential hazards.
- Use protective gloves and eyewear during operation.
- Do not point the nozzle towards yourself or others.
- Keep the sprayer away from children and pets.
- For electrical safety, ensure the AC power source is properly grounded.
- Always read and follow manufacturer instructions for the chemicals used, including use, maintenance, and disposal.

2. Product Overview

The VEVOR ATV Spot Sprayer is designed for efficient application of liquids in garden and farm settings. It features a 15.9-gallon (60L) tank, a 12V pump, and an adjustable boom for versatile spraying tasks.



Image: The VEVOR ATV Spot Sprayer, model BS60, mounted on the rear of an ATV, demonstrating its adjustable spray boom for wide coverage. The tank is white with an orange lid, and the boom is black metal.

3. Components

The VEVOR ATV Spot Sprayer includes the following components:

- ATV Sprayer Unit (Tank with integrated pump)
- User Manual
- Quick Coupling Line (8 ft)
- Spray Boom with Nozzle
- Soft Hose (20 ft)
- Ratchet Straps
- Strap Adjusters
- Pressure Gauge
- Pressure Regulator Valve

- Control Switch
- Telescopic Boom
- Corrosion-proof Brass Nozzle



Image: An exploded view of the VEVOR ATV Spot Sprayer components, including the main tank, pump assembly, spray boom, handheld wand, hoses, and mounting hardware, all neatly arranged.

4. Setup and Installation

Follow these steps for proper assembly and installation of your ATV Spot Sprayer:

1. **Install the Bottom Bracket:** Securely attach the bottom bracket to the desired mounting surface on your ATV, UTV, or tractor.
2. **Install Nozzle at Appropriate Height:** Attach the spray boom and adjust its height using the adjustable boom brackets to achieve the desired spray pattern and coverage.

3. **Connect Pressure Gauge to Pump:** Use thread seal tape to ensure a watertight connection when attaching the pressure gauge to the pump.
4. **Assemble Spray Boom and Connect:** Connect the telescopic spray boom sections and attach it to the main unit and hose.
5. **Secure with Ratchet Straps:** Use the provided ratchet straps to firmly secure the sprayer tank to your vehicle, ensuring stability during operation.
6. **Connect Battery Quick Connector:** Connect the 8 ft quick coupling line to a 12V power source (e.g., vehicle battery) using the quick connector.



Image: A step-by-step visual guide illustrating the installation process, including attaching brackets, connecting the pressure gauge, assembling the spray boom, securing the tank with ratchet straps, and connecting to a 12V battery.



Image: Close-up view highlighting key features such as the 8 ft quick coupling line for easy power connection, robust ratchet straps for secure mounting, and the 5.6-inch large diameter tank opening for convenient filling.

5. Operating Instructions

Operating your VEVOR ATV Spot Sprayer involves managing pressure and selecting the appropriate spray pattern.

5.1 Pressure Adjustment

- The 12V pump delivers high pressure up to 116 PSI with a flow rate of 1.9 GPM.
- Adjust the working pressure from 0 to 72 PSI using the built-in pressure regulator valve for precise control.
- Monitor the pressure gauge to ensure optimal spraying conditions.



Image: A visual representation of the sprayer's pressure system, indicating a 116 PSI pump, an adjustable pressure range of 0-72 PSI via a knob, and the resulting spraying range of 21 ft horizontally and 18 ft vertically.

5.2 Spray Boom and Nozzle Use

- The adjustable boom allows customization of spray height for efficient coverage.
- The horizontal reach is approximately 21 ft, and the vertical reach is approximately 18 ft.
- The handheld spray boom features a durable brass nozzle with three spray patterns: Straight Spray (long-distance coverage), Small Cone Spray (gentle misting), and Big Cone Spray (broader coverage).
- The handheld boom is telescopic, adjustable from 29.92 to 40.15 inches (76-102 cm).



Image: Demonstrates the versatility of the 3-in-1 brass nozzle, showcasing three distinct spray patterns: straight spray for focused application, small cone spray for gentle misting, and big cone spray for wider coverage. The image also indicates the 20 ft hose length and the telescopic range of the handheld spray boom.

5.3 General Operation

- Fill the tank with the desired liquid, ensuring the 5.6-inch large tank opening is securely closed.
- Connect the quick coupling line to a 12V power source.
- Turn on the control switch to activate the pump.
- Adjust pressure and spray pattern as needed for your application.
- After use, always flush the system with clean water to prevent chemical residue buildup.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your sprayer.

- **Cleaning:** After each use, thoroughly rinse the tank, hoses, and nozzles with clean water. This prevents chemical buildup and corrosion.

- **Nozzle Inspection:** Periodically check nozzles for clogs or damage. Clean or replace as necessary to maintain proper spray patterns.
- **Hose and Connection Check:** Inspect all hoses and connections for leaks, cracks, or wear. Replace any damaged components immediately.
- **Pump Care:** If storing for an extended period, run a pump protector solution through the system to prevent internal corrosion and freezing.
- **Storage:** Store the sprayer in a clean, dry place, away from direct sunlight and extreme temperatures. Ensure the tank is empty and clean before storage.

7. Troubleshooting

If you encounter issues with your sprayer, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No spray or low pressure	Clogged nozzle, empty tank, kinked hose, loose connection, pump not powered.	Clean nozzle, refill tank, straighten hose, tighten connections, check power supply and switch.
Pump runs but no spray	Air in the system, clogged intake filter, pump not primed.	Bleed air from system, clean intake filter, prime the pump by ensuring liquid is flowing to it.
Leaking from connections	Loose fittings, worn O-rings or seals, damaged hose.	Tighten all fittings, replace worn O-rings/seals, replace damaged hose sections.
Inconsistent spray pattern	Partially clogged nozzle, incorrect pressure setting.	Clean nozzle thoroughly, adjust pressure regulator to desired PSI.

If problems persist after attempting these solutions, contact VEVOR customer support for further assistance.

8. Specifications

Detailed technical specifications for the VEVOR ATV Spot Sprayer (Model BS60):

Feature	Specification
Item Model Number	BS60
Capacity	15.9 Gallons / 60 Liters
Pump Voltage	12V
Max Pump Pressure	116 PSI
Adjustable Working Pressure	0-72 PSI
Pump Flow Rate	1.9 GPM
Hose Length	20 ft (240 Inches)
Horizontal Spray Reach	21 ft
Vertical Spray Reach	18 ft

Feature	Specification
Main Materials	TPE Water Tank, Iron Fixed Spray Boom, Stainless Steel Spray Rod, Brass Nozzle
Product Weight	26.79 Pounds (13.3 kg / 29.32 lbs)
Product Dimensions (LxWxH)	27.5" x 14.5" x 16.3" (700 x 370 x 415 mm)
Recommended Uses	Chemical sprayer, Weed Control



Image: A technical diagram illustrating the dimensions of the sprayer unit and listing key specifications such as model number, capacity, flow rate, pressure range, materials, weight, and overall size.

9. Warranty and Support

VEVOR products are designed for durability and performance. For warranty information, product support, or to

purchase replacement parts, please refer to the official VEVOR website or contact their customer service directly.

Keep your purchase receipt and model number (BS60) handy when contacting support.

Online Support: Visit vevor.com/support for FAQs, troubleshooting guides, and contact information.

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

How can I get a replacement pressure regulator valve for the VEVOR BS60 ATV Spot Sprayer?

To obtain a replacement pressure regulator valve for your VEVOR BS60 ATV Spot Sprayer, you should contact the manufacturer directly. The manual provides the following guidance for replacement parts and support: Official Support Website:...

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