12V SPOT/BROADCAST SPRAYER, CHEMICAL RESISTANT TANK HARNESS CONTROL SWITCH 50/100L

MODELS: **SS60.V2, SS98.V2**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instructions | Wear a face shield | Wear protective gloves

1. SAFETY

1.1. **GENERAL SAFETY**

- ✓ Only use the sprayer for its intended purpose.
- ✓ Familiarise yourself with the applications, limitations, and potential hazards of this product.
- ✓ Use original Sealey spare parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Ensure containers cannot easily be knocked over during filling.
- ✓ Always ensure good contact to the 12V battery.
- ✓ Mark fluid containers with hazard labels to show their contents.
- ✓ Keep any fluid containers in a well ventilated, lockable store, preferably outside the working area.
- ✓ Keep children and unauthorised persons away from the working area, especially when the sprayer is in operation.
- ✓ Maintain the sprayer in top condition. Keep it clean for best and safest performance.
- ✓ Follow the same precautions when transferring fluid from the sprayer back into other containers.
- ✓ Ensure the sprayer is securely fixed to the ATV.
- ✓ Always inspect and prepare the sprayer before use according to the directions provided in this manual.
- ✓ Keep the sprayer turned off. **DO NOT** turn on power to the sprayer until ready to spray in order to avoid unintentional spray release.
- ✓ Never spray when wind speed exceeds 4mph in order to minimize spray drift.
- × **DO NOT** over apply pesticide. Apply at a rate recommended by agents manufacturer. Excess pesticide can be dangerous to humans, damage desirable plants, and contaminate soil and water sources.
- × Never point the spray gun at people or animals.
- × **DO NOT** eat, drink, rub your eyes, or touch any part of your bare skin while handling agents and spraying.
- × **DO NOT** spray near open flames or sources of heat.
- ✓ Always clean up spills immediately per instructions on the agent's label.
- ✓ Turn off vehicle and set brake or block wheels, turn off power to sprayer, and relieve system pressure before leaving sprayer unattended.
- × **DO NOT** use an open flame or smoke anywhere near the sprayer or around stored fluid.
- × **DO NOT** spray fluid into dedicated workshop oil spray equipment.
- × **DO NOT** use any electrical equipment on or near the vehicle while fluid spraying is in progress. This includes the use of inspection lights, mobile phones or pagers.
- × **DO NOT** use the sprayer if the pump is damaged in any way.
- × **DO NOT** use whilst under the influence of drugs, alcohol or other intoxicating medication, or if you are fatigued.

1.2. ELECTRICAL CONNECTION SAFETY

- ✓ If the battery terminals are corroded or dirty, clean them before use.
- ✓ Disconnect the power after every use to avoid accidental starting.
- × **DO NOT** disassemble the remote switch for any reason. The tester must only be checked by qualified service personnel.
- ❑ **WARNING!** *To prevent the risk of sparking, short circuit and possible explosion **DO NOT** drop metal tools in the battery area, or allow them to touch the battery terminals.*
- × **DO NOT** cross-connect remote switch clamps. Ensure positive (RED) clamp is to positive terminal and negative (BLACK) clamp is to negative terminal.

1.3. CHEMICAL SAFETY

1.3.1. First and foremost ensure you read the safety data sheet of the substance you are going to spray. Follow all recommendations for preparation, use and clean up.

1.3.2. The sprayer is intended for use in spraying agricultural pesticides and other non-flammable liquids.

1.3.3. Spraying pesticides - Pesticides are hazardous agents that must be handled with caution as directed throughout this manual and on the pesticide label. The sprayer is intended for use in spraying pesticides in liquid form only. The sprayer is NOT intended for use in spraying pesticides in dry or in aerosol form, or for use with fumigants. Sprayers SS60 and SS98 come equipped with a spot spray gun and a tank-mounted broadcast spraying system. Use the spot spray gun to apply pesticide only on selected plants. Use the broadcast spraying system if you wish to spray large ground areas.

1.3.4. Spraying Other Liquids - In addition to spraying pesticides, this sprayer may be used to spray other non-flammable liquids. Example uses include: watering plants/trees or spraying water for dust control, applying ice control agents, applying water-based, non-flammable sealant or stain to outdoor wood surfaces.

1.3.5. However, WE RECOMMEND THAT THE SPRAYER NOT BE USED FOR OTHER PURPOSES ONCE IT HAS ALREADY BEEN USED FOR SPRAYING PESTICIDES. Any agents will leave some residual in the tank liner or sprayer components, even after the sprayer has been properly cleaned. These residual agents can have unexpected effects on future uses.

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For example, spraying water or other liquids that are contaminated with residual pesticide may result in unforeseen hazards to plant or animal life.

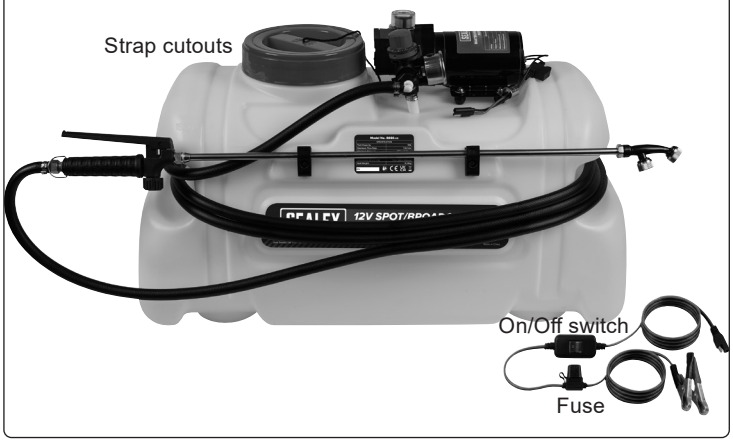
2. INTRODUCTION

50L/100L Tank ideal for large-scale spraying tasks across gardens, farms, or estates. Includes trigger-operated lance for precision and broadcast lance for wide coverage. Operates via 12V battery or vehicle supply for portable, on-the-go use. Pressure-activated diaphragm pump delivers smooth, consistent flow with minimal noise. Tank constructed from UV-stabilised, chemical-resistant material with extra-thick walls. Fitted with drainage spout for quick and clean emptying of contents. Supplied with remote on/off switch, battery clamps, and tie-down straps for secure ATV mounting.

3. SPECIFICATION

Model No: SS60.V2/SS98.V2
Dimensions (WxDxH):
.....740 x 355 x 430mm/ 920 x 420 x 495mm
Hose Length:..... 6m
Maximum Flow Rate: 7.6L/min
Maximum Pressure: 100psi (6.9bar)
Maximum Spray Reach:..... 4.3m
Weight:.....7.6kg/8.8kg
Power Supply Cable Length:..... 3.11m
Tank Capacity: 50L/100L
Inline Fuse Rating: 15A/20A

SS60.V2



4. CONTENTS SEE RIGHT

5. ASSEMBLY

Numbers in brackets refer to attached Parts Information.

5.1. Fit sprayer gun (15) to hose (14).
5.2. Plug 12V battery clip lead onto lead plug beside pump.

6. INSTALLATION

6.1. Securely attach to vehicle. Tank has cut outs to allow placement of straps.
6.2. Consider the extra weight of a full tank on the driving characteristics of the vehicle.

7. PREPARATION

7.1. Ensure the sprayer has been thoroughly flushed and drained of all residual agents from prior use.
7.2. Clean the suction strainer (6) inside tank, agricultural filter (9) (mounted on inlet side of pump) and tank cup strainer (5) before each use to ensure they are not clogged or contaminated.
7.3. **ENVIRONMENTAL CONSIDERATIONS**
7.3.1. The sprayer should not be used when wind is in excess of 4mph.
7.3.2. Consideration should be given to members of the public and/or colleagues when spraying, ensure the area to be sprayed is well ventilated and cordoned off.
7.4. FILLING THE SPRAYER
7.4.1. Choose a safe pesticide mixing and loading area. Choose an outdoor, well-ventilated area away from unprotected people, animals, food, and other items that might become contaminated.
7.4.2. Wear personal protective equipment.
7.4.3. Turn off power to the sprayer before filling. The vehicle should also be off, with wheels chocked to prevent unintended movement.
7.4.4. Before filling ensure drain cap (2) is securely tightened.
7.4.5. Mix agents as instructed on that particular product. Do not mix more than needed, to reduce wastage and the need to store excess.
7.4.6. Fit chosen spray head assembly.
7.4.7. Clip lance to spray gun buckles (3) on side of tank.

8. OPERATION

8.1. Connect to 12V battery.
8.2. Wear PPE as appropriate to substance being sprayed.
8.3. Turn on switch. Pump will run.
8.4. Adjust pressure regulating valve (11) to control flow.
8.5. Pull trigger to spray. Trigger can be locked in on position using clip on end of sprayer gun (15) handle.
8.6. Release trigger to stop spray, turn off switch and disconnect from 12V supply.
8.7. Empty tank and rinse any residual sprayed liquid, see Maintenance.

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9. MAINTENANCE

❑ **WARNING!** Remove from 12V supply and empty tank before Maintenance.

9.1. Flush any residue from tank and run clean water through the spray lance.

9.2. Check tightness of fittings secured to the tank as vibration from transportation can cause them to come loose over time.

9.3. CLEAN FILTERS (Numbers refer to attached Parts Information)

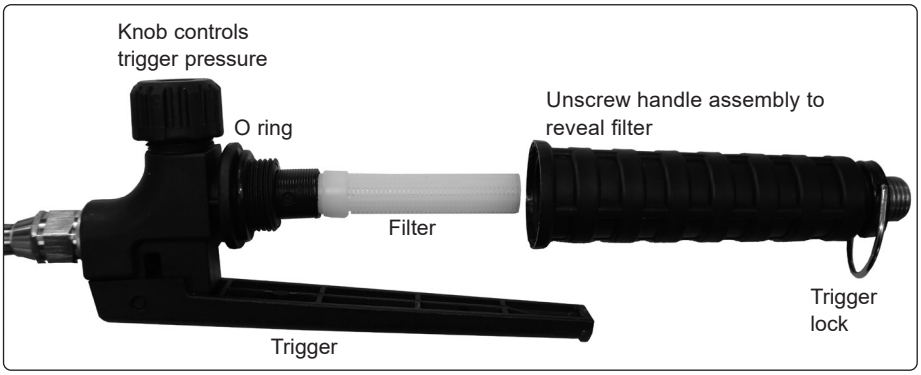
9.3.1. Ensure in **tank suction pad (6)** is clear of debris.

9.3.2. Rinse **tank cup filter (5).**

9.3.3. Unscrew clear bowl from **agricultural filter (9)** and rinse gauze.

9.3.4. LANCE FILTER
Unscrew handle assembly, remove filter and rinse. Reassemble.

9.4. STORAGE: Remove any residues from tank and pipes.
Store in a frost free place.



10. TROUBLESHOOTING

Problem	Possible cause	Remedy
Pump will not operate	Motor overheating	Allow the pump to cool completely before restarting.
	Poor connection to battery	Check that the battery terminals and leads are securely connected.
	Blown fuse	Check the 12V fuse located beside the pump and near the ON/OFF switch. Replace if necessary.
	Pump frozen	Allow the pump to thaw before use.
Pump makes an unusual noise	Filter blocked	Clean the filter and carry out routine maintenance.
	Air in inlet pipe	Check the inlet hose for air leaks and ensure all connections are secure.
	Inlet or outlet blocked by debris	Remove debris restricting water flow.
	Pump faulty	Contact a qualified service technician if the issue persists.
Pump will not stop (NOTE: Even after the spray trigger has been released and the pressure regulating valve has been turned off.)	Outlet pipe leaking	Check hose, valve and nozzle for leaks or damage.
	Pump body leaking	Inspect the pump for cracks or leaks.
	Loose rotating parts or pump head screws	Tighten any loose screws or rotating components on pump head.

ENVIRONMENT PROTECTION
Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

WEEE REGULATIONS
Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

Note: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.
Important: No Liability is accepted for incorrect use of this product.
Warranty: Guarantee is 12 months from purchase date, proof of which is required for any claim.

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