



**SHIRK'S SUPERIOR PRODUCTS LLC**

**Spot Sprayer 2.5 Gallon  
Manual**

**Model SP305**

# OPERATOR AND ASSEMBLY MANUAL

## MODEL SP305 2.5 GALLON SPOT SPRAYER

Sprayer purpose - allows the operator to control spraying from the operator's seat. The unit is mounted on the back of a mower, so as the mower is operating the operator can see ahead and when weeds are observed he can turn the sprayer on and apply herbicide to those specific weeds. This ability to accurately "Spot" spray saves chemical and controls weeds with minimum spray material.

The sprayer is not designed to do primary broadcast spraying, it is best used to control weeds as part of an ongoing lawn management system.

### Installation

The mower vehicle must have a rear tow drawbar, the vertical post attaches to the drawbar, as shown in Picture 1. The sprayer unit then is lowered onto the post, as shown in picture 2. Install the spray tip support relative to the mower deck width as per the chart below, be sure to check the flow application with water before using chemical. Adjust the tip support accordingly to get the actual desired spray width.

Mower deck width	Height to base of spray tip
48"	24"
60"	27"
72"	29"

Install the wire harness to the battery, red to red, black to black, install the harness with the switch convenient on the handle, as shown in picture 3, and use the extensions provided to complete the circuit.

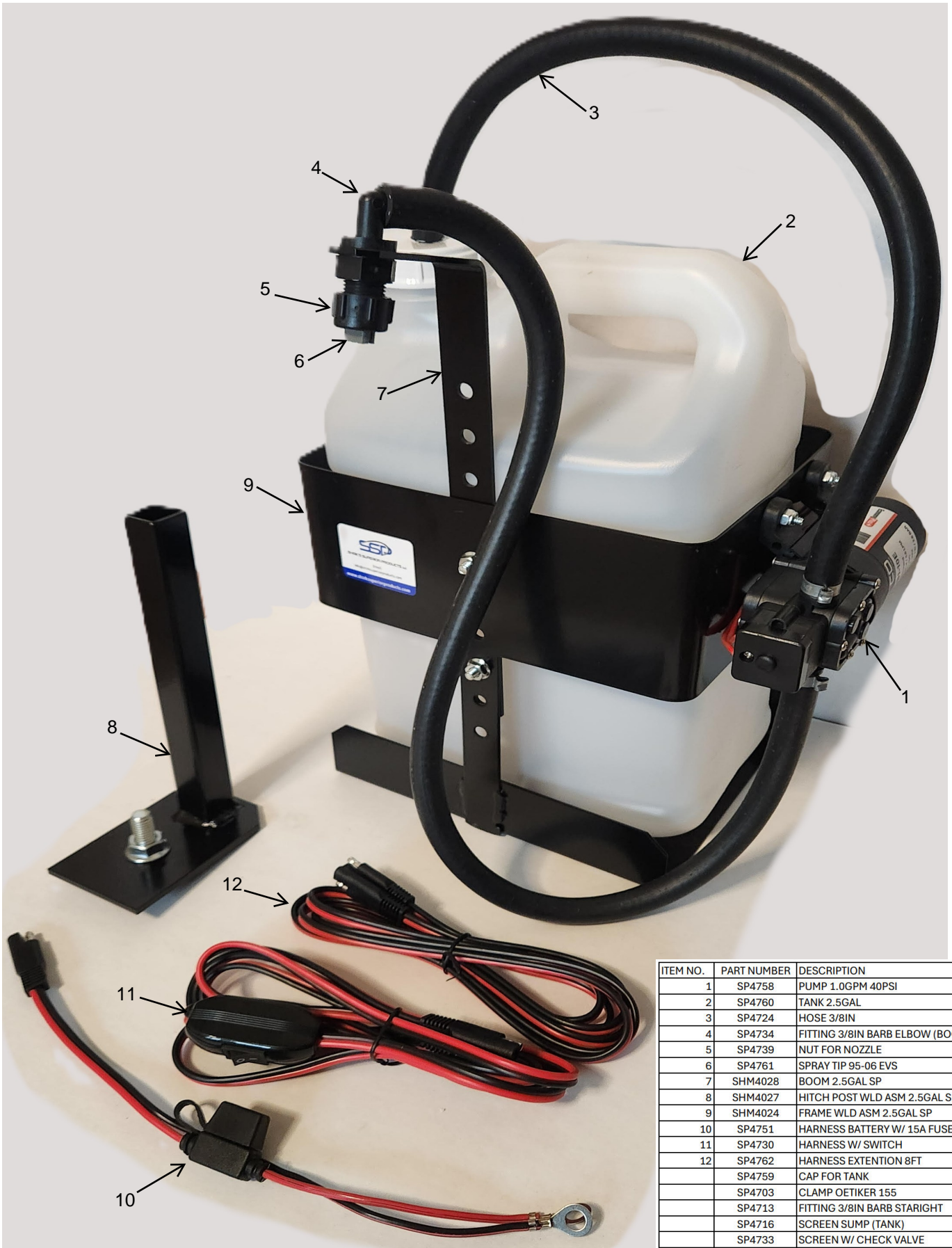
You will want to test your sprayer with water on a driveway as shown in picture 4, to accurately determine the spray width. You will want to spray about 4" less than the mower deck width due to mowing overlap. When spraying, plan to operate at about 5 MPH. to get the best coverage.

Remove the 2.5 gallon container to fill, DO NOT LET THE FRESH WATER HOSE END TOUCH THE CONTAINER OR CHEMICAL. When finished spraying, rinse with water and spray that material back on the lawn.

The pump pressure is preset, and the tip has a strainer and check valve in it, so be sure to rinse the check valve after use, (an extra check valve is included).



SP305 - SPOT SPRAYER 2.5 GALLON



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	SP4758	PUMP 1.0GPM 40PSI	1
2	SP4760	TANK 2.5GAL	1
3	SP4724	HOSE 3/8IN	6ft
4	SP4734	FITTING 3/8IN BARB ELBOW (BOOM)	1
5	SP4739	NUT FOR NOZZLE	1
6	SP4761	SPRAY TIP 95-06 EVS	1
7	SHM4028	BOOM 2.5GAL SP	1
8	SHM4027	HITCH POST WLD ASM 2.5GAL SP	1
9	SHM4024	FRAME WLD ASM 2.5GAL SP	1
10	SP4751	HARNES BATTERY W/ 15A FUSE	1
11	SP4730	HARNES W/ SWITCH	1
12	SP4762	HARNES EXTENSION 8FT	1
	SP4759	CAP FOR TANK	1
	SP4703	CLAMP OETIKER 155	2
	SP4713	FITTING 3/8IN BARB STARIGHT	1
	SP4716	SCREEN SUMP (TANK)	1
	SP4733	SCREEN W/ CHECK VALVE	1
	SP4004	SCREW PHLP 10-24 X 3/4	4
	SP4006	NUT LOCK 10-24	4
	SP4101	SCREW PHLP 1/4 X 5/8	2
	SP4100	NUT FLANGE 1/4	2
	SP4406	BOLT HEX 1/2 X 1	1
	SP4400	NUT FLANGE 1/2	1
	SP4725	LABEL WARNING	1

## Limited Warranty

Shirks Superior Products LLC accessories are guaranteed to be free from defects in material and workmanship from the date of purchase for 1year residential use, 6 months commercial use, provided that the purchaser properly assembles, installs, uses and maintains the products in accordance with this manual. Purchaser's failure to adhere to such requirements will void the warranty. To the extent permitted by applicable law, all other warranties, representations, obligations and conditions, expressed or implied, including but not limited to implied warranties of merchantability, fitness for any particular purpose and noninfringement, are hereby disclaimed and excluded. Any product which does not meet warranty shall, as purchaser's sole and exclusive remedy, be repaired or replaced by Shirks Superior Products LLC. This warranty is non-transferable. In addition, our warranty does not cover: Labor charges Loss or consequential, incidental or special damages of any kind Shirks Superior Products LLC reserves the right to request photos or return of damaged/ defective parts. Please have a copy of the original purchase order, receipt and serial number (if available) to submit the claim. All warranty parts must be supplied by Shirks Superior Products LLC. We will not reimburse for parts purchased from other suppliers.