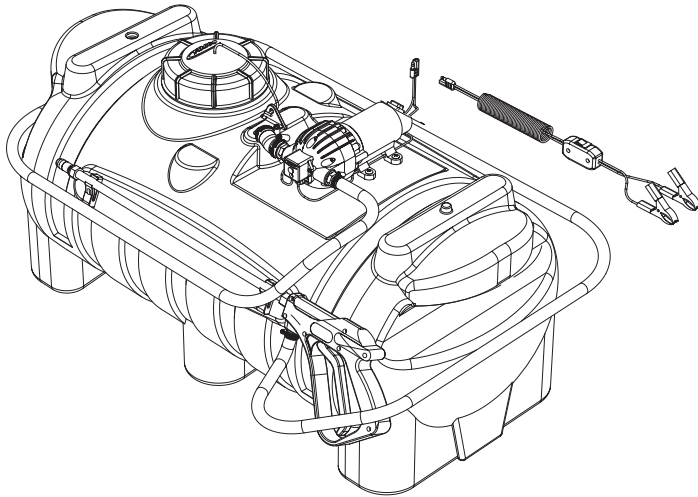


5301063
MODEL: LG-28-SS
12 VOLT - 25 GALLON LAWN & GARDEN SPRAYER
Assembly / Operation Instructions / Parts



GENERAL INFORMATION

The purpose of this manual is to assist you in operating and maintaining your lawn and garden sprayer. Please read it carefully as it furnishes information which will help you achieve years of dependable trouble free operation.

WARRANTY / PARTS / SERVICE

Products are warranted for one year from date of purchase against manufacturer or workmanship defects.

Your authorized dealer is the best source of replacement parts and service. To obtain prompt, efficient service, always remember to give the following information:

1. Correct part description and part number.
2. Model Number of your sprayer.
3. Serial Number of your sprayer.

Part description and part numbers can be obtained from the illustrated parts list section of this manual.

Whenever you need parts or repair service, contact your distributor / dealer first. For warranty work always take your original sales slip, or other evidence of purchase date, to your distributor / dealer.

TECHNICAL SPECIFICATIONS

- Corrosion Resistant Polyethylene Tank
- 12 Volt Diaphragm Pump, Demand Switch
- 15 Foot Handgun Hose
- Pistol Grip Handgun

ASSEMBLY

The sprayer is partially assembled at the factory. The only assembly necessary is to hook up the wiring to an existing 12 volt power source. The red wire of the two wire set must be connected to the positive post on the battery or the "Hot" connection on a switch or to the ammeter. The brown wire may be grounded or connected to the negative battery post.

OPERATION

The pump on the sprayer is equipped with a "on-off" toggle switch and a pressure switch that is factory set at a maximum of 60 PSI. The handgun may be shut off at anytime when the pump system is running and it will be electrically turned off by the pressure switch. When the handgun trigger is squeezed the pump will start again. Use care when hooking up the battery wires to the battery.

The handgun has an adjustable nozzle which allows the spray to be adjusted from a cone shaped fine mist to a straight stream.

Note: The nut on the nozzle which has finger tabs must be tight in order for the spray pattern adjustment to vary when turning the nozzle end.

When it becomes necessary to clean the screen in the suction line, remove the screen from the bottom of the suction tube. Reach into the tank through the fill opening, slide the tube to one side and slip the screen from the bottom of the tube. The screen may now be tapped or flushed with clear water for cleaning.

WARNING: Some chemicals will damage the pump valves if allowed to soak untreated for a length of time. Always flush the pump with water after use. Do not allow chemicals to sit in the pump for extended times of idleness. Flushing may be done by adding 5 gallons of water to the tank and then pump the solution through the entire system.



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AFTER SPRAYING

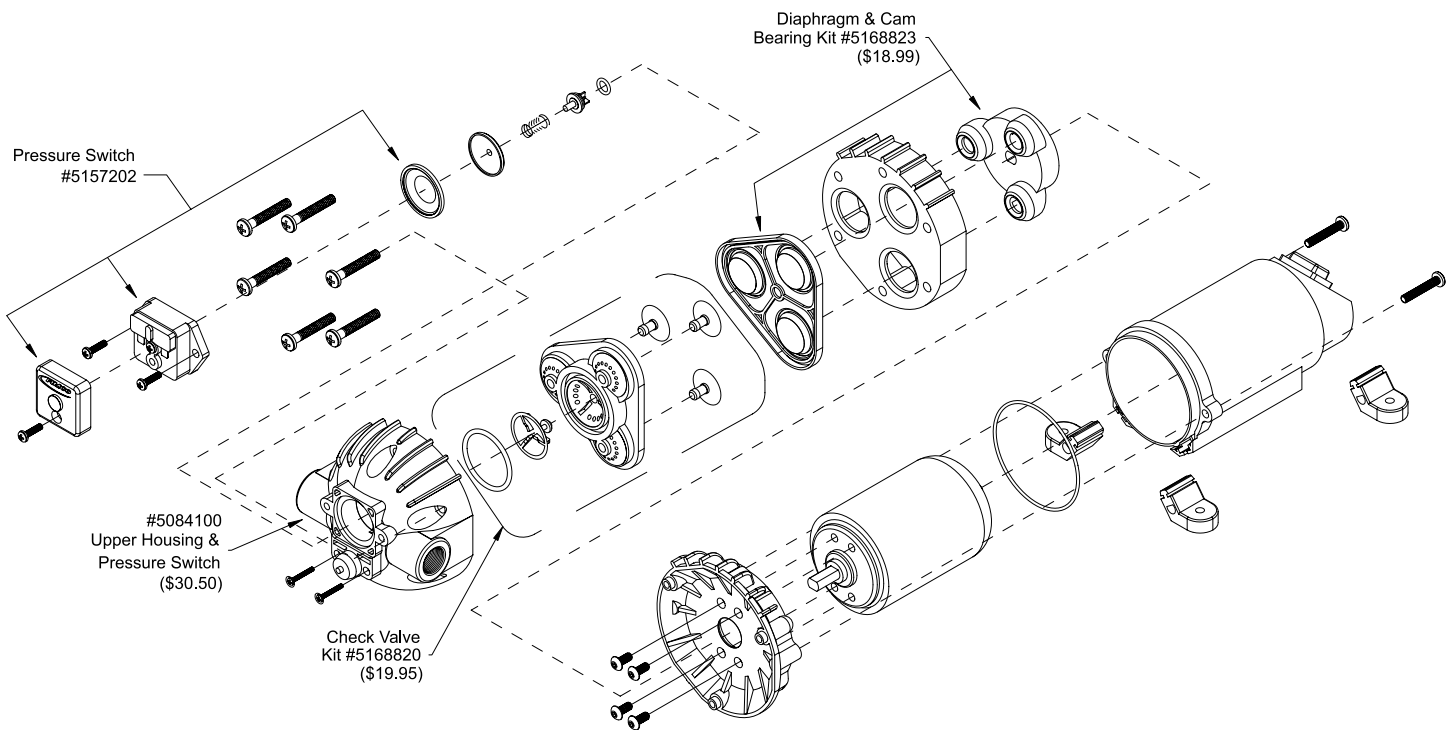
After use fill the sprayer part way with water, start the sprayer and allow clear water to be pumped through the plumbing system and out through the handgun. Use the handgun on the sprayer to thoroughly wash all internal parts of the tank and tank cover.

Refill the tank about half full with plain water and use a chemical neutralizer such as Nutra-Sol or equivalent and repeat cleaning instructions above. Flush the entire sprayer with the neutralizing agent. Follow the chemical manufacturers disposal instructions of all wash or rinsing water.

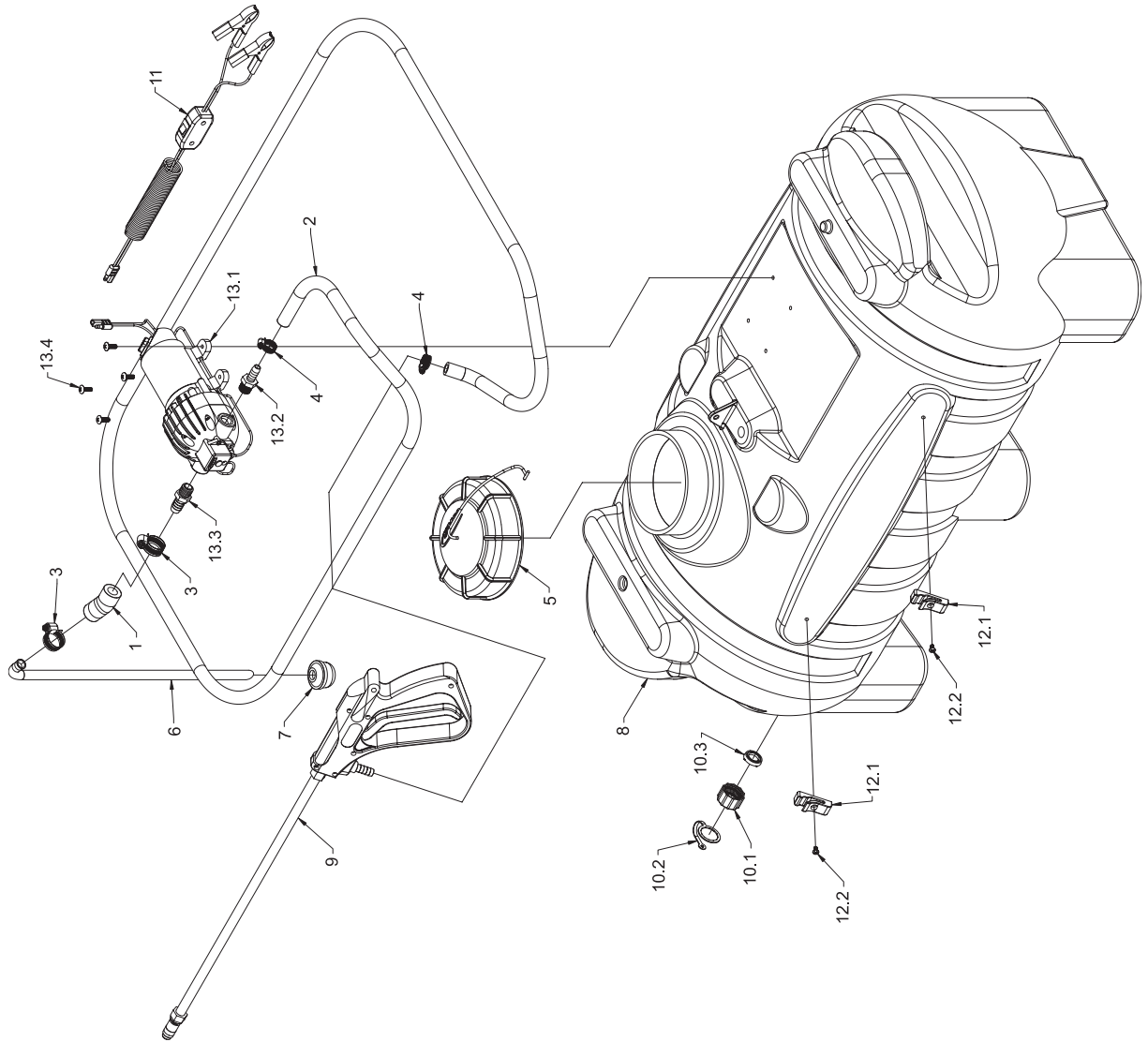
WINTER STORAGE

Drain all water out of the sprayer paying special attention to the pump, valves, and handgun. These items are especially prone to damage from chemicals and freezing weather. The sprayer should be winterized before storage by pumping a solution of RV anti-freeze through the entire plumbing. Proper care and maintenance will prolong life of the sprayer.

Exploded View of Pump #5275016



Exploded View/Parts List: LG-28-SS



Item No.	Part Number	Qty	Description	List Price
1	5020060	1	Hose, 1/2"-1 Brd. x 2 3/4"	.64
2	5020215	1	Hose, 3/8"-1 Brd. x 15 Ft.	8.50
3	5051022	2	Hose Clamp, 1/2"	.62
4	5051114	2	Hose Clamp, 3/8"	.63
5	5058183	1	FIMCO 5" Threaded Tank Lid w/Lanyard	10.50
6	5100275	1	Intake Tube (25 Gallon)	1.40
7	5116251	1	Strainer, Suction Line	1.99
8	5169205	1	25 Gallon Blow-Molded Tank	64.95
9	5273959	1	Handgun w/X-26 Tip	36.00
10	5274373	1	Drain Plug Cap, Tether, and Washer Assembly	2.95
10.1	5102117	1	Drain Plug Cap, Black, for Blow-Molded Tanks	.99
10.2	5058171	1	Drain Cap Tether	.30
10.3	5072507	1	Drain Cap Washer	.20
11	5274443	1	Lead Wire Assembly (w/Switch), 96"	13.50
12	5274880	1	Pkg. (2) Handgun Clips & (2) Screws	2.85
12.1	5053096	2	Handgun Clip, for Blow-Molded Tanks	.95
12.2	5117293	2	#10-24 x 3/8" Phillips Round Head Machine Screw	.25
13	5275148	1	Pump Assembly	---
13.1	5275016	1	Triplex Pump, 12V-DC, 2.1 G.P.M.	112.00
13.2	5010021	1	Nylon Fitting, 3/8" MNPT x 3/8" HB	.45
13.3	5067021	1	Nylon Fitting, 3/8" MNPT x 1/2" HB	.45
13.4	5117167	4	#10-24 x 5/8" Phillips Truss Head Machine Screw	.25