

OWNER'S MANUAL

Model: G23-LG25DTSBL (25 Gallon Boomless Trailer Sprayer)



General Information

Thank you for purchasing this product. The purpose of this manual is to assist you in operating and maintaining your lawn & garden trailer sprayer.

**BEFORE RETURNING THIS PRODUCT
FOR ANY REASON, PLEASE CALL**

1-888-433-6631

MONDAY-FRIDAY, 8:00 AM TO 5:00 PM CST

If you should have a question or experience a problem with your Workhorse Sprayers Product: Visit our website @ www.workhorsesprayers.com or call the Toll free number above. Our technical support representatives will be happy to help you.

In most cases a customer service rep. can resolve the problem over the phone.

To obtain prompt, efficient service, always remember to give the following information....

- Correct Part Description and/or part number
- Model number and Serial Number

Part descriptions and numbers can be obtained from the illustrated parts list section(s) of this manual.

Retain a copy of your receipt for your unit, as it will be required to validate any warranty service.

Warranted against manufacturer or workmanship defects from date of purchase with copy of receipt:

Homeowner Usage: One Year.

Commercial Usage: 90 Days.



WARNING: To reduce the risk of injury, the user must read and understand the operator's manual before using this product.



WARNING: Cancer and Reproductive Harm.
www.P65Warnings.ca.gov



WORKHORSE
S P R A Y E R S

www.workhorsesprayers.com

Toll Free Phone: 888-433-6631

[G23-700108

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Model: G23-LG25DTSBL (25 Gallon Trailer Sprayer)

Technical Specifications

- 25 Gal. Corrosion-Resistant Polyethylene Tank
- 12 Volt 2.2 GPM Diaphragm Pump
- Deluxe Pistol Grip Spray Wand
- 3/8" x 15 Ft. Handgun Hose
- 2-Nozzle Boomless Boom, 100" Spray Coverage

Caution: Always check the vehicle load rating before using the sprayer.

The loaded weight of this sprayer and boom assembly is approx.: 270 lbs. when the tank is full.

~~~~~IMPORTANT~~~~~

Remove tank lid and be sure the tank is clean and free of any foreign material. Rinse tank out of any tank residue before filling with water to test.

~~~~~IMPORTANT~~~~~

It is VERY important to test this sprayer with plain water before actual spraying is attempted. This will enable you to familiarize yourself with the sprayer and check for leaks without the possibility of losing any expensive chemicals.

~~~~~WARNING~~~~~



Read and Understand the Owner's Manual before using this sprayer. Test and use in accordance to instructions.

Read and Follow chemical label instructions and wear protective gear when filling, using, cleaning and servicing the sprayer.

Exercise Caution in vehicle handling when towing/hauling a filled sprayer to avoid loss of control or overturning.

Keep Sprayer and Spray materials away from other people, children and pets.

Do Not Turn on Power to the sprayer, until ready to spray in order to avoid unintentional spray release.

Do Not Use on steep slopes. A full sprayer could cause loss of control or overturn sprayer and vehicle.

Always operate up and down a slope, never across the face of a slope.

Keep all movement on slopes slow and gradual. Do not make sudden changes in speed, directions or turning. Do not start or stop suddenly when going uphill or downhill.

Stop on level ground, set the parking brake and shut off engine before leaving the operator's position for any reason.

Keep all parts in good condition and properly installed. Fix damaged or worn parts immediately.

Caution should be taken when towing and/or using any sprayer. This sprayer combined with the weight distribution, turning radius and speed of vehicle can result in damage to vehicle and/or sprayer or severe injury or death, if not used properly.

Improper use of this sprayer or handling of chemicals could result in serious injury or illness, or could cause damage to the environment.



NOTE: Maximum Speed - 5 MPH

Refer to vehicle's manual for towing instructions.

IMPORTANT: Remove tank lid and be sure the tank is clean and free of any foreign material. Rinse tank out of any tank residue before filling with water to test.

- **Make sure all hose clamps are tight** before testing or spraying for the first time.
- One requirement will be for you to hook up your battery leads to a fully charged 12 Volt battery.

****The Sprayer should be TESTED w/plain water before actual use****

Testing the Sprayer

NOTE:

It is VERY important to test this sprayer with plain water before actual spraying is attempted. This will enable you to check the sprayer for leaks without the possibility of losing any expensive chemicals.

Important: After any repair work has been done, ALWAYS test for leaks with water before using.

Fill the tank about 1/2 full with plain water and drive to the starting place for spraying.

When you are ready to spray, turn the boom valve to the “on” position. It does not matter if the line to the spray gun is open or closed. When the boom valve is open it will start solution spraying from the tips of the boom. The pressure will decrease slightly when the boom is spraying.

Read the operating instructions and initially begin spraying by opening the boom line valve. This will enable the air in the line to be eliminated (purged) through all the tips, while building pressure. When everything tests all right (no leaks and good pressure), add the desired chemicals to the mixture and water combination and start your spraying operation. Adjust the pressure and spray as you did in the testing procedure.

Conditions of weather and terrain must be considered when setting the sprayer.

Do not spray on windy days. Protective clothing must be worn in some cases.

Be sure to read the chemical label(s) before application!

Operation

This sprayer is designed to be towed behind a garden tractor.

The pumping system draws solution from the tank, through the strainer and to the pump. The pump forces the solution under pressure to the handgun or boom nozzles.

Fill the tank part way with water and then add the desired amount of chemical to be sprayed. Finish filling tank to proper level.

Only fill the tank with what you’re going to spray in a day, never leave chemicals sit in tank.

Connect the lead wire to a fully charged 12 volt battery. You may use either a stand-alone battery or the battery on your towing vehicle. Connect to the positive (red) terminal first, then connect to the negative (black) terminal. Then connect the end of the lead wire to the end of the pump. When disconnecting, disconnect the end of the pump wire from the lead wire, then disconnect the negative (black) connection and finally the positive (red) connection. The lead wire has an On/Off switch to activate the pump. “-” is on and “O” is off.

Turn the pump on and by depressing the “-” side of the rocker switch. The pump is equipped with a pressure switch that is pre-set at the factory to shut the pump off when all discharges are closed.

The pump will turn back on when one of the following actions occurs:

- ◆ Handgun lever is squeezed to spray the handgun.
- ◆ Boom valve is opened to spray with the boom.

Pressure may be regulated by opening or closing the byass valve.

For the safest and most efficient chemical application, you will need to calibrate your sprayer using the tip and speed charts. Once you have determined the proper speed and pressure settings, you will need to consult your chemical label for the amount of chemical to be added to the tank. Read the entire label. Use only according to label directions.

Calibration

Chemical labels may show application rates in gallons per acre, gallons per 1000 square feet or gallons per 100 square feet. You will note that the tip chart shows 3 of these rating systems. Once you know how much you are going to spray, then determine the spraying pressure, and the spraying speed (MPH).

Determining the proper speed of the pulling vehicle can be done by marking off 100, 200 & 300 feet. The speed chart indicates the number of seconds it takes to travel the distances. Set the throttle and with a running start, travel the distances. Adjust the throttle until you travel the distances in the number of seconds indicated by the speed chart. Once you have reached the throttle setting needed, mark the throttle location so you can stop and go again, returning to the same speed.

Add water and proper amount of chemical to the tank and drive to the starting place for spraying.

- Speed Chart -				Tip Chart									
				Tip No.	Spray Height	Pressure (PSI)	Capacity (GPM)	1 MPH	2 MPH	3 MPH	4 MPH	5 MPH	
Speed in MPH	Time Required in Seconds to Travel a distance of:			Gallons Per Acre Base on Water	3	18	10	0.30	44.0	22.0	14.9	11.1	8.9
							20	0.42	63.0	31.5	20.9	15.7	12.6
							30	0.52	76.0	38.0	26.0	19.3	15.4
							40	0.60	90.0	45.0	30.0	22.0	17.8
1.0	68.0	136.0	205.0	Gallons Per 1000 Sq. Ft. Base on Water	3	18	10	0.30	1.01	0.50	.340	.254	.204
							20	0.42	1.40	0.72	.480	.360	.290
							30	0.52	1.74	0.87	.596	.440	.350
							40	0.60	2.06	1.00	.688	.500	.408
2.0	34.0	68.0	102.0	Gallons Per 100 Sq. Ft. Base on Water	3	18	10	0.30	.100	.050	.034	.025	.020
3.0	23.0	45.0	68.0				20	0.42	.140	.072	.048	.036	.029
4.0	17.0	34.0	51.0				30	0.52	.174	.087	.059	.044	.035
5.0	14.0	27.0	41.0				40	0.60	.206	.100	.068	.050	.040
6.0	11.0	23.0	34.0										
7.0	9.7	19.0	29.0										

Using the Boom Nozzles

Four things must be considered before spraying with the boom.

1. How much chemical must be mixed in the tank.
 2. Rate of spray (gallons per acre to be sprayed).
 3. What pressure (psi) will be used.
 4. Speed traveled (mph) while spraying.
- * Refer to the chemical label to determine chemical mixture
 - * Tip chart will show the speed used when spraying.
 - * Start the pump and open the valve to the boom nozzles.
 - * Check the spray pattern. Usually you can see the coverage better on a solid concrete surface, such as a driveway.

Once the pump is turned on, the unit will begin spraying. The system pressure will decrease slightly when the solution is spraying from the nozzles. This is normal, the pressure will return as before when the control valve is turned to the "OFF" position. Optimum spraying range is 20 to 30 PSI.

Maintenance During/After Spraying

Periodically check the strainer and clean the screen on your intake line.

If sprayer becomes clogged during use, discontinue use immediately.

DO NOT attempt to service while chemicals are in the sprayer and power is connected.

Proper care and maintenance will prolong the life of your sprayer.

After use, drain the tank and store or dispose of chemical properly. Fill the sprayer half way with clean water. Start the pump and allow the water to pump through the entire plumbing system and nozzle. Drain and then refill half full, add the recommended amount of a good quality tank cleaner, such as FIMCO Tank Neutralizer and Cleaner. (If no tank cleaner is available, you may substitute dish soap for this step, about 1-2 oz. per gallon). But a neutralizer/cleaner should be used to thoroughly clean the system. Turn pump on and circulate through system for 15 minutes and then spray out through the spray wand nozzle. Refill sprayer half way with clean water and repeat. Follow the chemical manufacturer's disposal instructions of all wash or rinsing water.

If boom or handgun nozzles need cleaning, remove them from the sprayer and soak in warm soapy water. Clean with a soft bristled brush or toothpick if necessary. Never use a metal object. Even the slightest damage can change the flow rate and spray distribution. Water rinse and dry the tips before storing.

WARNING: Some chemicals will damage the pump valves if allowed to soak untreated for a length of time! ALWAYS flush the pump as instructed after each use. DO NOT allow chemicals to sit in the pump for extended times of idleness. Follow the chemical manufacturer's instructions on disposal of all waste water from the sprayer.

Tank Care & Maintenance

Warning: Do not use the tank as a container for fuel oils, kerosene, gasoline or any other petroleum distillate product. All poly olefins are softened and permeated by such products. In an enclosed area the vaporization of these materials from the outside surface of the tank could create a dangerous condition.

The tank should not be used as a pressure vessel nor used with chemicals or solutions having a weight of more than 12 pounds per gallon.

Store the tank in a dry dark place when not in use. Storage out of sunlight will prolong the life of the tank.

Do not drop, strike or kick the tank, especially at low temperatures. Tanks become brittle and are subject to cracking at temperatures below 20° Fahrenheit.

Always flush the tank with water and a neutralizing agent at the end of each use, to prevent contamination of solutions.

Winter Storage

Prepare the sprayer for end-of-season storage by running RV antifreeze through the system. This will keep internal parts lubricated, protect against corrosion and keep the unit from freezing. *Note: RV antifreeze is non-toxic and biodegradable and generally safer for the environment than automotive antifreeze.*

Before storing your sprayer for winter or long term storage, thoroughly clean and drain it as much as possible. Then pour enough pink RV antifreeze into the tank so that when the pump is turned on you can pump the antifreeze throughout the entire plumbing system. Make sure to operate the spray wand until you see pink fluid spraying from the nozzle. Leave any remaining antifreeze in the tank. Before your next usage, rinse the antifreeze from the sprayer with clean water.

It is nearly impossible to drain all of the water from the sprayer and any trapped water can freeze in cold weather and damage parts of the sprayer. Pumping the antifreeze through the system will displace the water and help prevent this damage.

Removing from storage: drain the antifreeze. Fill the tank with fresh water and run through the system. Dispose of antifreeze and flush water properly.

Sprayer and Pump FAQs:

♦ Why does the pump not run all the time?

This is an on-demand pump and only runs when a discharge is open (spray gun, bypass, boom (if applicable) or a leak in the system).

♦ Why does the pump surge while using the spray gun?

Low flow/high pressure may cause the pump to surge (or cycle). Typically the spray wand is adjusted at too fine of a mist, to overcome, adjust the nozzle for a higher flow.

♦ How do I adjust the pressure?

Pressure can only be adjusted by opening the pressure adjust (bypass) valve to allow some of your water or solution to return to the tank (if equipped).

♦ Pump quit and will not run, what do I need to do?

Squeeze trigger on spray gun to ensure that the system isn't just pressurized up with discharges closed.

Check electrical connections, ensure switch is on. Check fuses. Check for proper voltage. Check pressure switch.

♦ Low flow or no flow at all, what do I need to check for?

Check for a clogged intake hose and/or intake strainer. Check for proper voltage.

You will need to occasionally check your intake strainer to ensure that it is clean of any debris.

♦ What is causing the fuse to blow each time I turn the pump on?

Check for excessive voltage. Improper adjustment of the pressure switch. Damaged or defective wire harness or defective pressure switch. Motor is seized up.

Warning:

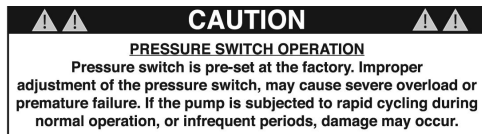
Ensure the wiring harness does not become pinched or damaged in any way. This may damage the pump or cause the wiring harness to overheat, resulting in a melt down or fire.



- Clean and rinse your pump after each use with a Tank Neutralizer/Cleaner.
- Winterize your pump or sprayer by rinsing, draining and running RV Antifreeze through it before storing for the winter.
- Use clean water for your spray mixture.
- Store inside a building when not in use.



- Use to pump bleach.
- Use to pump petroleum products such as diesel fuel, gasoline or kerosene.
- Use to pump chemicals w/petroleum distillates or surfactants.
- Use to store flammable or combustible liquids.
- Leave your pump sit with spray mixture in it for extended periods.
- Use dirty or unfiltered water for spraying.



Before Troubleshooting or Attempting to Service the Pump:

- ♦ **Review Troubleshooting Chart:** Do Not attempt to repair until steps below are followed.
- ♦ **Personal Protective Gear:** Wear protective gear when servicing pump.
- ♦ **Disconnect Power:** Disconnect the power to the pump and relieve the pressure from the system.
- ♦ **Empty and Flush** pump system with water, never attempt to service the pump until it has been emptied and flushed.
- ♦ **Perform Repairs:** Follow directions provided in the troubleshooting section to repair the pump.
- ♦ **Test:** Always test the pump for leaks with plain water after any repairs before using.

3300 Series: 2.2 GPM

Pump Information:

Type - 3 chamber diaphragm pump, self priming, capable of being run dry.

Pressure Control - Demand.

Liquid Temperature - 140°F (60°C) Max.

Priming Capabilities - 8 feet (2.4 m).

Max Pressure - 200 PSI (14 bar).

Inlet/Outlet Ports - 3/4" Quick Attach.

Motor Information:

Leads - 14 AWG, 7" long w/2-pin.

Temperature Limits - Motor is not equipped with thermal protection. For user safety, optimal performance and maximum motor life, the motor surface temperature should not exceed 180°F (82°C).



REMCO



Installation & Operation Precautions

- Pump is equipped with a pressure sensing demand switch that controls the maximum operating pressure.
- Never subject the pump to pressures above factory set/max pressure rating.
- As long as there is inlet water pressure, the pump will not stop forward flow of water, even if the motor is turned off. Be sure the system has positive means of shutting off water supply.
- Do not operate pump in an explosive environment. Arcing from the motor brushes, switch or excessive heat from an improperly cycled motor may cause an explosion.
- Do not locate the pump motor near low temperature plastics or combustible material. The surface temperature of the motor may exceed 180°F (82°C).
- Do not pump gasoline or other flammable liquids. Pump head materials are designed for use with water only. Do not use with petroleum products.
- Do not assume fluid compatibility. If the fluid is improperly matched to the pumps' elastomers, a leak may occur.
- To prevent electrical shock, disconnect power before initiating any work. In the case of pump failure, the motor housing and/or pump fluid may carry high voltage to components normally considered safe. Therefore, always consider electrical shock hazard when working with and handling electrical equipment. If uncertain, consult an electrician. Electrical wiring should only be done by a qualified electrician per local and state electrical codes.

Servicing -

- Every Year: Check system against operating standards. Flush with clean water and store in warm dry place.
- Every 2-3 Years: We recommend replacing the valves and checking against operating standards.

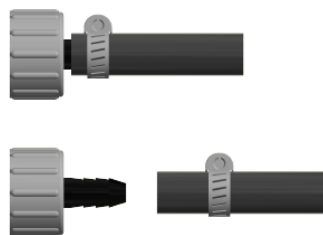
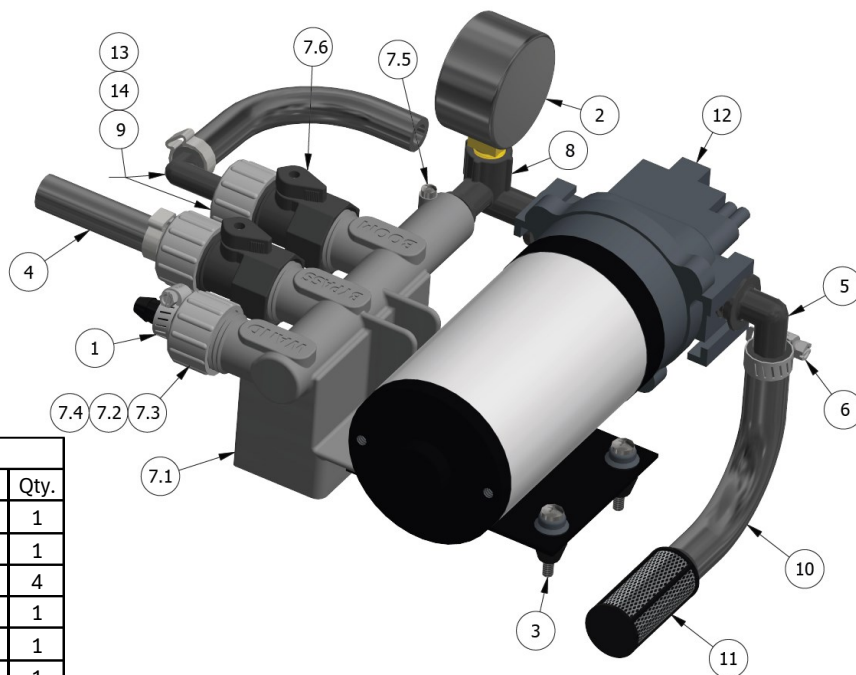
Recommendations -

Electrical:

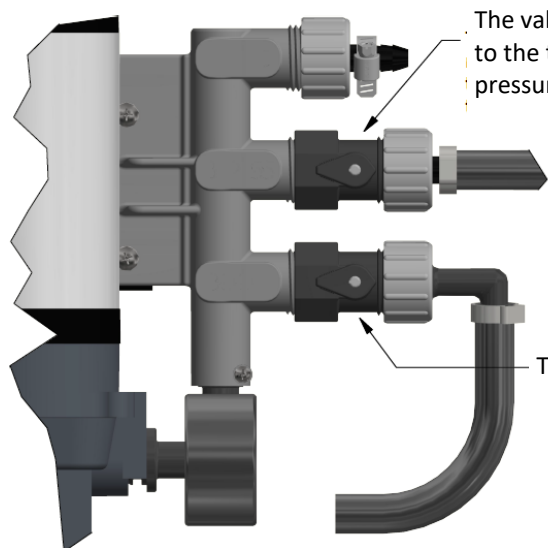
- The ProFlo™ series pumps are designed for intermittent duty. Make sure the "OFF" periods are sufficient.
- Be sure power supply used is adequate for the application.
- Pump and motor specifications are based on an alternator charged battery (13.6 VDC).
- Use sufficient battery supply power. UTV and lawn tractor batteries may affect pump performance due to low voltage and amp ratings.
- **Rapid On/Off cycling must be limited to no more than 6 times per minute, even if the pump is operating in the Continuous Duty zone. Cycling could cause the motor to heat beyond the recommended maximum temperature and reduce the operational life of the pump and pressure-sensing switch.**

2.2 GPM

Parts List			
Item	Part #	Description	Qty.
1	G23-600120	Hose Clamp, 3/8"	1
2	G23-600129	Gauge 0-100 PSI	1
3	5117166	#10-24 x 1-1/4" PH Truss Head Screw	4
4	G23-700158	Relief Hose Assembly	1
4.1	5006209	Swivel Nut, 3/4" FGHT	1
4.2	5016066	1" Rubber Washer	1
4.3	5020585	Hose, 3/8"-1Brd x 8"	1
4.4	5051144	Hose Clamp, 3/8"	1
4.5	5149034	Poly Swivel 3/8" Flat Seat Hose Barb	1
5	G23-600287	QD Elbow, 1" HB	1
6	5051114	Hose Clamp, 1/2"	1
7	G23-600297	Supply Manifold Assembly	1
7.1	G23-600289	3 Outlet Manifold Body	1
7.2	G23-600124	Garden Hose Washer	1
7.3	G23-600139	Swivel Nut, 3/4" FGHT	1
7.4	G23-600140	3/8" Flat Seat Hose Barb	1
7.5	G23-600199	#8-3/4" Self Tapping Screw	1
7.6	G23-600216	3/4" Shutoff Valve	2
8	G23-600291	Supply Elbow, Flex QD	1
9	G23-640448	Flat Seat Swivel, 3/8" Elbow HB	1
10	5020307	1/2" x 23" Hose	1
11	5116477	1/2" Hose Barb Strainer	1
12	7V70043	2.2 GPM Pump	1
13	G23-600124	Garden Hose Washer	1
14	G23-600139	Swivel Nut, 3/4" FGHT	1
15	G23-600270	Lead Wire Assembly, 16 Ga., 96"	1
16	G23-600298	Drain Cap	1

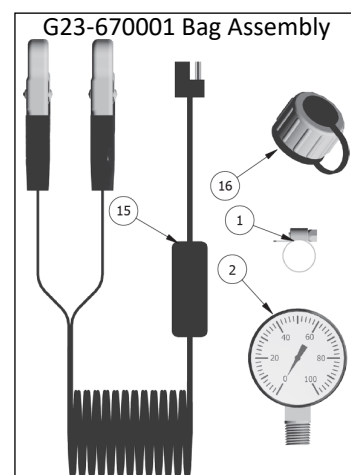


Install wand hose assembly onto swivel barb assembly, by placing a hose clamp over the open end of the hose on the wand hose assembly. Then pressing the open end of the hose onto the swivel barb assembly, as shown. Secure in place by tightening the hose clamp.

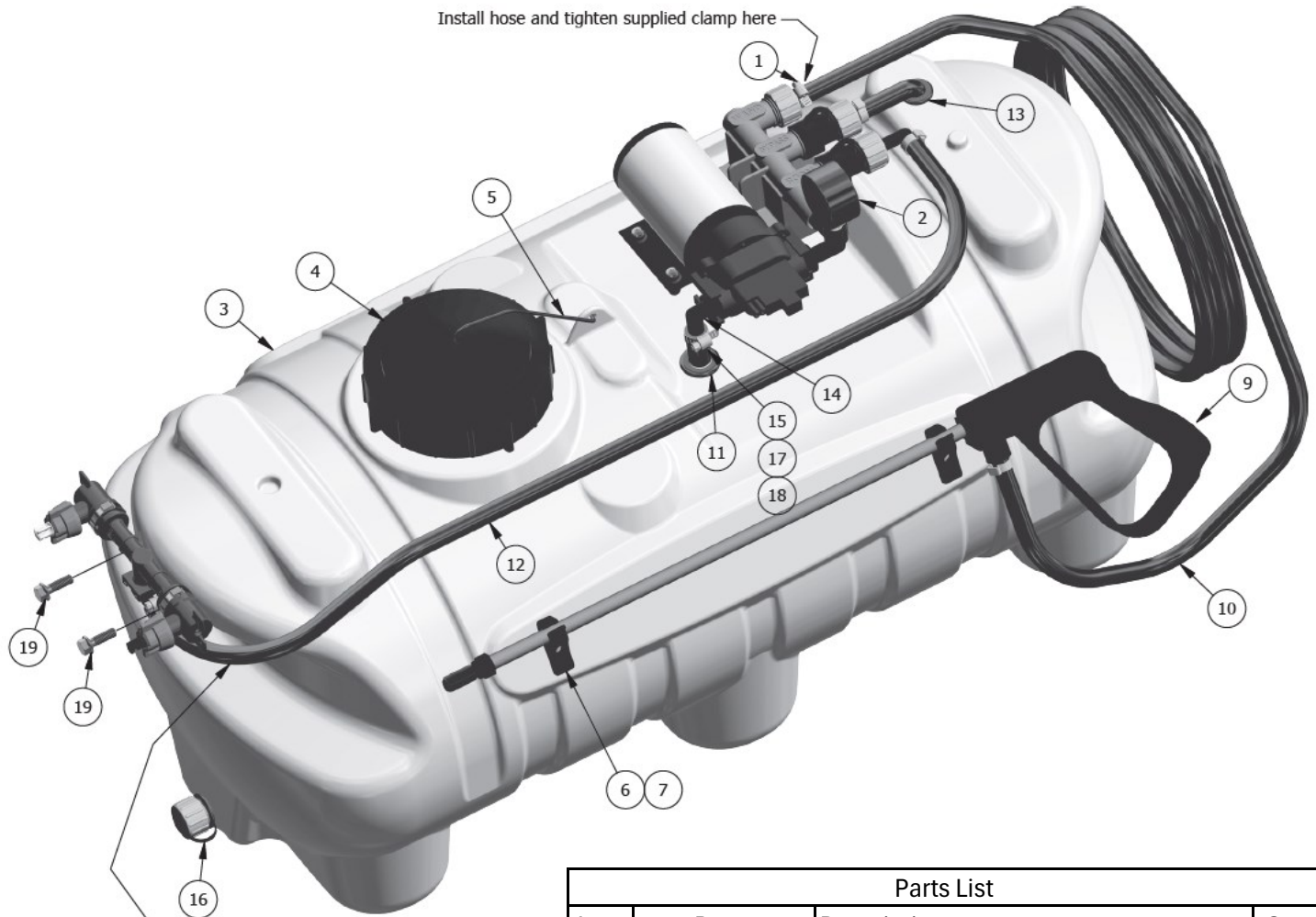


The valve adjusts the system pressure by relieving liquid back to the tank. Adjusting the lever will increase or decrease pressure to both the spray wand and the spray boom.

This valve turns the spray boom off and on.

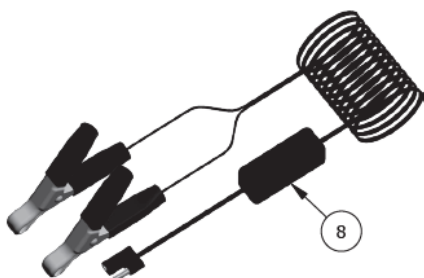


General Assembly & Parts List



Parts List

Item	Part #	Description	Qty.
1	5051144	Hose Clamp, 3/8"	2
2	G23-600129	Gauge 0-100 PSI	1
3	G23-630013	25 Gallon Tank	1
4	G23-600133	Tank Lid	1
5	G23-600134	Tank Lid Tether	1
6	G23-600151	Spray Wand Clip	2
7	G23-600152	10-24 x 3/8" Pan Head Screw	2
8	G23-600270	Lead Wire Assembly, 16 Ga., 96"	1
9	5273959	Deluxe Pistol Grip Spray Gun	1
10	5020524	Hose, 3/8"-1 Brd x 15'	1
11	5075016	Rubber Grommet	1
12	G23-600252	Boomless Hose Assembly	1
13	5075022	Rubber Grommet	1
14	G23-600287	QD Elbow, 1/2" HB	1
15	5051114	Hose Clamp, 1/2"	1
16	G23-600298	Drain Cap	1
17	5020307	1/2" x 23" Hose	1
18	5116477	1/2" Hose Barb Strainer	1
19	G23-640420	5/16"-18 x 1" Flng Bolt	2

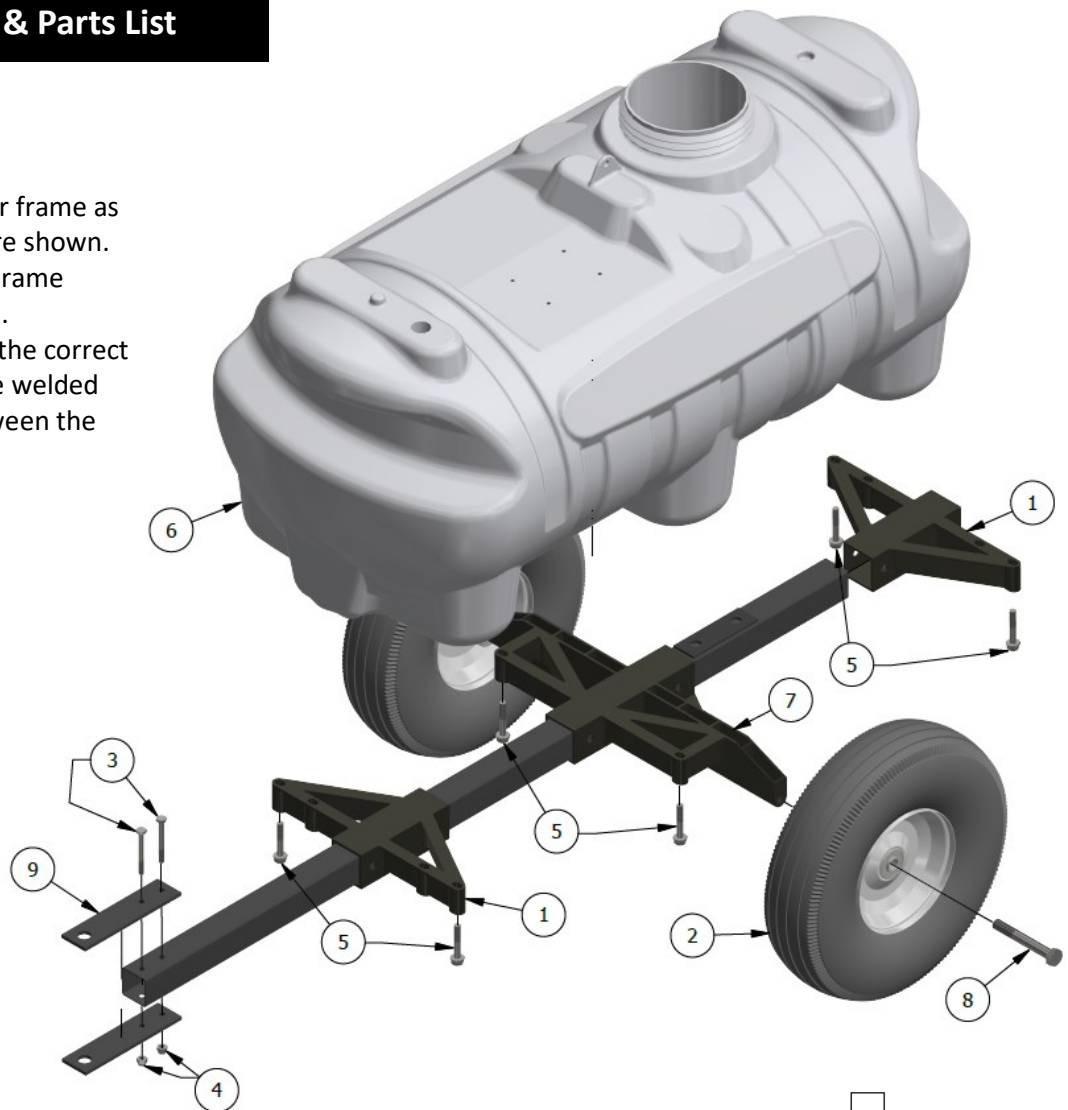


Trailer Assembly & Parts List

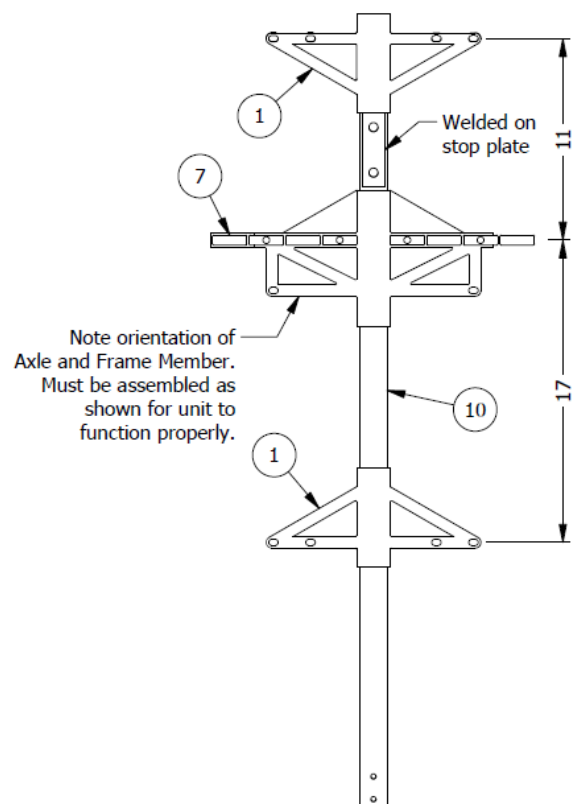
Assemble the tank and trailer frame as illustrated using the hardware shown. Note the orientation of the Frame Member, Axle & Frame Tube. Their position is essential to the correct assembly of the sprayer. (the welded on stop plate should go between the frame tube and the tank).

Tire Pressure

30 PSI

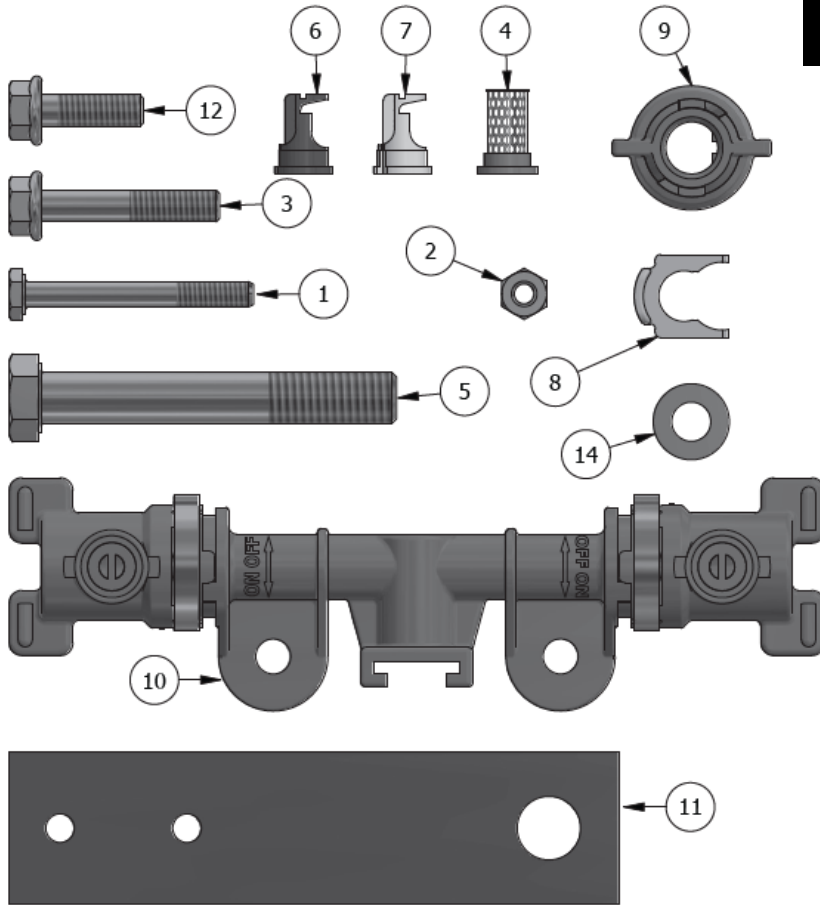


Parts List			
Item	Part #	Description	Qty.
1	G23-600101	Frame Member Front/Back	2
2	G23-600104	Tire/Wheel 410/3.50-6, 1/2" BB	2
3	G23-600106	1/4-20 x 2-1/4" Hex Head Screw	2
4	G23-600107	1/4-20 Hex Lock Nut	2
5	G23-600109	5/16-18 x 1-3/4" Flng Bolt	6
6	G23-630013	25 Gallon Tank	1
7	G23-600244	Frame Member Axle Thread	1
8	G23-600245	1/2-13 x 3-1/2" Hex Bolt	2
9	G23-630103	Hitch Bracket	2
10	G23-630184	Frame Member, Main Beam	1

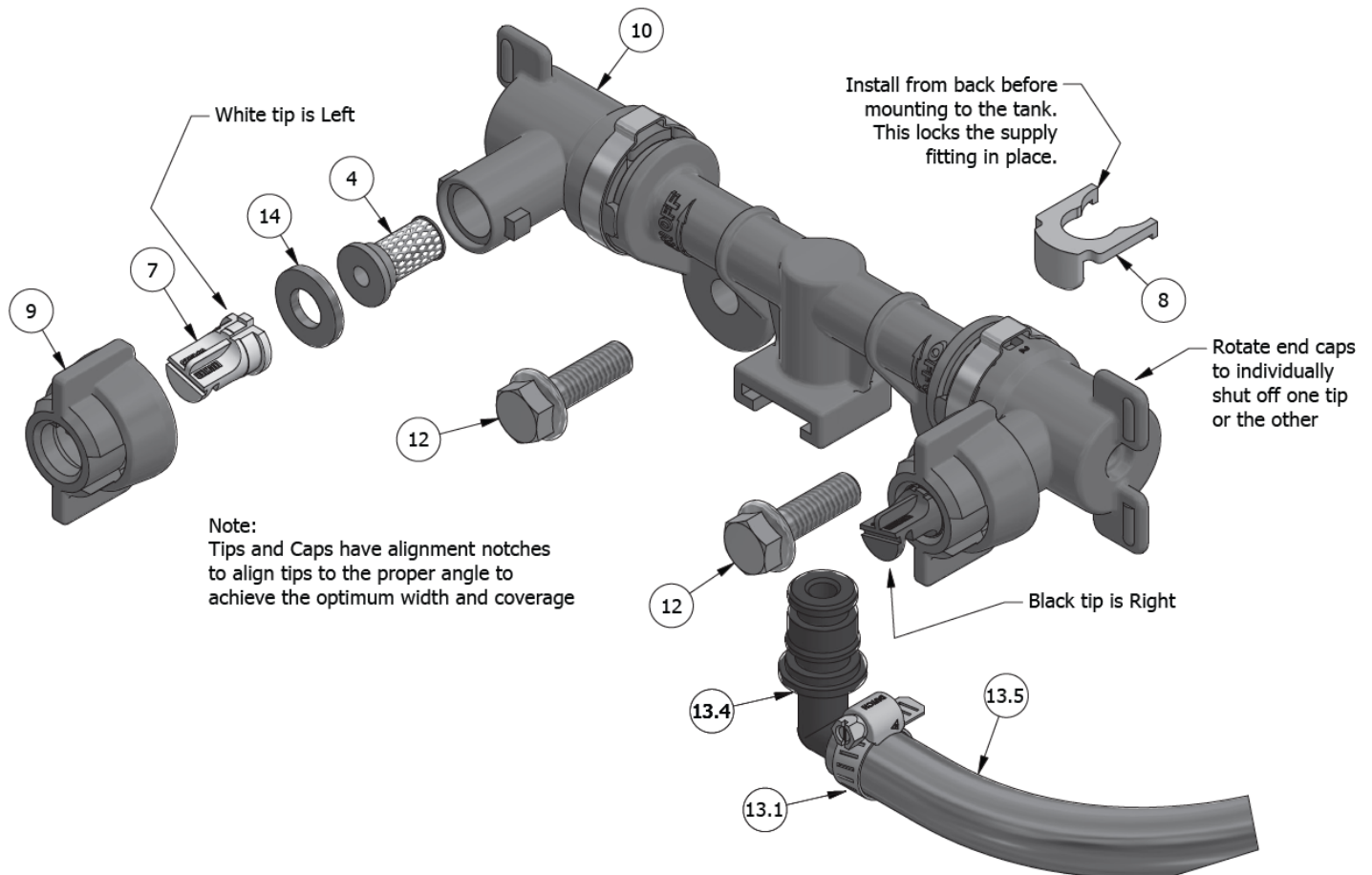


Boom Assembly & Parts List

G23-670005 Bag Assembly



Parts List			
Item	Part #	Description	Qty.
1	G23-600106	1/4-20 x 2-1/4" Hex Head Screw	2
2	G23-600107	1/4-20 Hex Lock Nut	2
3	G23-600109	5/16-18 x 1-3/4" Flng Bolt	6
4	G23-600117	Tip Strainer, 50 Mesh Screen	2
5	G23-600245	1/2-13 x 3-1/2" Hex Bolt	2
6	G23-600253	Boomless Nozzle Right, Black	1
7	G23-600254	Boomless Nozzle Left, White	1
8	G23-600274	Quick Clip	1
9	G23-600275	Bayonet Cap, Self-Aligning	2
10	G23-600283	Boomless Manifold Assembly	1
11	G23-630103	Hitch Bracket	2
12	G23-640420	5/16"-18 x 1" Flng Bolt	2
13	G23-600252	Boomless Hose Assembly	1
13.1	G23-600120	Hose Clamp, 3/8"	2
13.2	G23-600124	Garden Hose Washer	1
13.3	G23-600139	Swivel Nut, 3/4" FGHT	1
13.4	G23-600185	QD Elbow, 3/8" w/O-Ring	1
13.5	G23-600302	Hose, 3/8" EPDM x 3'	1
13.6	G23-640448	Flat Seat Swivel, 3/8" Elbow HB	1
20	G23-600276	Rubber Washer	2



Warranty

LIMITED WARRANTY FOR NEW WORKHORSE SPRAYERS EQUIPMENT

WHO MAY USE THIS LIMITED WARRANTY. This limited warranty (the "Limited Warranty") is provided by Workhorse Sprayers to the original purchaser ("you") of the Equipment (as defined below) from Workhorse Sprayers or one of Workhorse Sprayers' authorized dealers. This Limited Warranty does not apply to any subsequent owner or other transferee of the Equipment. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

WHAT THIS LIMITED WARRANTY COVERS AND FOR HOW LONG. Workhorse Sprayers warrants that any new Equipment will be free from defects in material and workmanship for a period of **one (1) year** for homeowner and **90 days** commercial user, after delivery of the Equipment to you (the "Warranty Period"). The Warranty Period is not extended if Workhorse Sprayers repairs or replaces the Equipment.

WHAT IS NOT COVERED BY THIS LIMITED WARRANTY. This Limited Warranty does not apply to: (1) used Equipment; (2) any Equipment that has been altered, changed, repaired or treated since its delivery to you, other than by Workhorse Sprayers or its authorized dealers; (3) damage or depreciation due to normal wear and tear; (4) defects or damage due to failure to follow Workhorse Sprayers' operator's manual, specifications or other written instructions, or improper storage, operation, maintenance, application or installation of parts; (5) defects or damage due to misuse, accident or neglect, "acts of God" or other events beyond Workhorse Sprayers' reasonable control; (6) accessories, attachments, tools or parts that were not manufactured by Workhorse Sprayers, whether or not sold or operated with the Equipment; or (7) rubber parts, such as tires, hoses and grommets.

HOW TO OBTAIN WARRANTY SERVICE. To obtain warranty service under this Limited Warranty, you must (1) provide written notice to Workhorse Sprayers of the defect during the Warranty Period and within **thirty (30)** days after the defect becomes apparent or the repair becomes necessary, at the following address: Workhorse Sprayers, PO Box 1700, North Sioux City, SD 57049; and (2) make the Equipment available to Workhorse Sprayers or an authorized dealer within a reasonable period of time.

For more information about this Limited Warranty, please call: **888-433-6631**.

WHAT REMEDIES ARE AVAILABLE UNDER THIS LIMITED WARRANTY. If the conditions set forth above are fulfilled and the Equipment or any part thereof is found to be defective, Workhorse Sprayers shall, at its own cost, and at its option, either repair or replace the defective Equipment or part. Workhorse Sprayers will pay for shipping and handling fees to return the repaired or replacement Equipment or part to you.

LIMITATION OF IMPLIED WARRANTIES AND OTHER REMEDIES. THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES, AND WORKHORSE SPRAYERS' SOLE LIABILITY, FOR ANY BREACH OF THIS LIMITED WARRANTY. TO THE EXTENT APPLICABLE, ANY IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED IN DURATION TO THE WARRANTY PERIOD, AND THE REMEDIES AVAILABLE FOR BREACH THEREOF SHALL BE LIMITED TO THE REMEDIES AVAILABLE UNDER THIS EXPRESS LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN NO EVENT SHALL WORKHORSE SPRAYERS' LIABILITY UNDER THIS LIMITED WARRANTY EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE DEFECTIVE EQUIPMENT, NOR SHALL WORKHORSE SPRAYERS BE LIABLE, UNDER ANY CIRCUMSTANCES, FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.