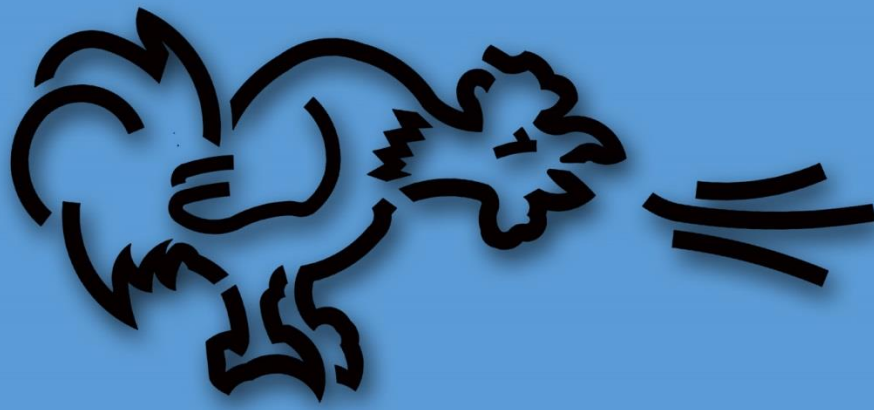




ROOSTER THUNDER SWEEPER®

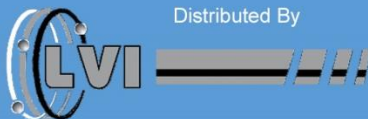


U
S
E
R

&

P
A
R
T
S

M
A
N
U
A
L



Distributed By



Table of Contents

Introduction	Pg. 3
Specifications	Pg. 4
Safety Decals	Pg. 5
Safety Rules	Pg. 6, 7
Storage Safety	Pg. 7
Assembly Instructions	Pg. 8-10
Pre-operation Check	Pg. 11
Operation Safety	Pg. 11, 12
Attaching Unit to Machine	Pg. 13
Start Up	Pg. 14
Proper Engine RPM	Pg. 14
Swing Adjustment	Pg. 15
Maintenance	Pg. 16
Electrical Schematics	Pg. 17, 18
Case Drain Kit	Pg. 19-21
Warranty Forms	Pg. 22-27



INTRODUCTION

Congratulations on the purchase of your new **Rooster Thunder Sweeper®**! This unit was carefully designed and manufactured to give you many years of dependable service. Be sure to read and understand the operator's manual and observe all safety precautions before operating unit.

This manual contains instructions for the safe operation and maintenance of the **Rooster Thunder Sweeper®**. The reliable operation, safety, and long service life of this machine depend on two important factors:

1. The quality and frequency of periodic inspection and maintenance.
2. A common sense approach to its operation.

This **Rooster Thunder Sweeper®** has been designed specifically for the poultry industry to blow accumulated dust and debris off the ceilings, walls, and related equipment of broiler barns after the barn has been emptied of birds. The machine will also effectively perform a final cleaning of the floor after the bulk of the litter has been removed.

The **Rooster Thunder Sweeper®** may also be used for other uses as well, such as general grounds maintenance. You, however, as the Owner, are responsible to make certain this machine is used only in a manner consistent with its original design intent and that its use does not place people, livestock, or other property at risk of harm or injury.

OPERATOR ORIENTATION – The directions left, right, front, and rear as mentioned in this manual are as seen from the skid-steer loader operator's seat, facing forward.

CUSTOMER REFERENCE INFORMATION

Serial Number: _____

Date Purchased: _____

Dealer Name: _____

Dealer Tel #: _____

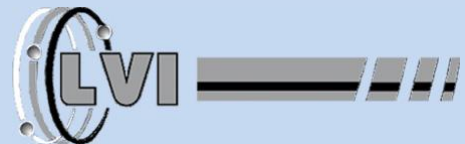


Specifications

Shipping weight:	550 LBS
Shipping dimensions:	62"W x 45"L x 40.5"H
Max Fan Impeller RPM:	4200 RPM
Rated GPM @ Max RPM:	17.8 GPM
Maximum Relief Setting of Machine Blower Is Attached To:	3000 PSIG
Approximate Air Velocity:	Just under 200 MPH
Angle of Adjustment from side to side:	90°, Centered Left to Right
Discharge Diameter:	6"
Available Option Kit Part Numbers:	
Hydraulic Cylinder Kit	RTSCYLKIT
Scraper Blade Kit---	RTSBLADE
Additional Pushbutton Wiring Harness Kit for machine Blower is attached to	RTS10598
Case Drain Connection Kit for Loader	See Page 18.

Manufactured in Lancaster, PA

Distributed exclusively by: LVI Enterprise LLC
121 Valley View Rd
Myerstown, PA 17067



Phone: 717.304.1668 Email: jay.zimmerman@lvimfg.com

Website Information:

LVI Home Page: <https://www.lvimfg.com/>

Rooster Thunder Blower Page: <https://www.lvimfg.com/rooster-thunder-blower>

LVI Dealer List: <https://www.lvimfg.com/find-a-dealer>



SAFETY DECALS

The safety decals are placed on the **Rooster Thunder Sweeper®** at the time of manufacture. It is important that all the decals are kept clean and readable at all times. If any decals have become illegible or have been removed, replacements are available from LVI Enterprise LLC.

TEL: 717.322.2770 EMAIL: jay.zimmerman@lvimfg.com



THESE SAFETY DECALS ARE ON YOUR **ROOSTER THUNDER SWEEPER®**



SAFETY RULES

SAFETY AWARENESS

Safety hazards always exist around operating machinery, especially for inexperienced persons, persons untrained in the safe operation of the equipment, or persons just passing through the operating zone area. YOU the owner are responsible to train all operators or persons who may come into contact with this machine to follow the safety precautions and guidelines specified in this manual.

Remember, YOU are the key to safety. Good safety practices not only protect you, but also the people around you. Make these practices a working part of your safety program. Be certain that EVERYONE operating this equipment is familiar with the recommended operating and maintenance procedures and follows all the safety precautions. Most accidents can be prevented. Do not risk injury or death by ignoring good safety practices.

LVI ENTERPRISE LLC CANNOT BE HELD RESPONSIBLE FOR ANY ACCIDENT. THE OEM CANNOT BE HELD RESPONSIBLE FOR ANY ACCIDENT.

The safety precautions listed might not necessarily be all-inclusive and others may apply to the user that are specific to his particular industry or application.

Only persons trained in the safe operation of this machine as spelled out in this manual should be permitted to operate it. Operators must use common sense at all times when operating the machine. At all times the machine must be operated in accordance with the safety decals on the machine and the precautions set forth in this manual. All operators must thoroughly understand these instructions and hazards before attempting to operate this machine.

All operators and related personnel should be trained to **THINK** and **PRACTICE SAFETY**.

NOTICE: FAILURE TO OBSERVE THE SAFETY PRECAUTIONS CONTAINED IN THIS MANUAL MAY RESULT IN SEVERE PERSONAL INJURY, PROPERTY DAMAGE, OR DEATH.

1. **ALWAYS** follow the instructions in this manual when operating unit.
2. **ALWAYS** be certain that no one is in an area that could be affected by flying dust or debris from the blower operation.
3. **NEVER** direct the blower discharge towards any person.
4. **NEVER** allow any untrained personnel to operate this unit.
5. **DO NOT** use the machine for purposes other than for which it was designed.
6. **DO NOT** modify the equipment in any way. Unauthorized modifications could impair the safety and/or function of the equipment and could significantly affect its life or warranty.



7. **NEVER** poke any tools or objects of any kind into blower intake while fan impeller is rotating.
8. **NEVER** operate the unit without all safety labels in place.
9. **ALWAYS** allow the fan to coast to a stop naturally. **DO NOT** attempt to break or slow the motion of the impeller artificially.
10. **PLACE ALL** controls in neutral, stop the engine, set the park brake, remove ignition key and wait for all moving parts to come to a complete stop before servicing, repairing, or unhooking machinery.

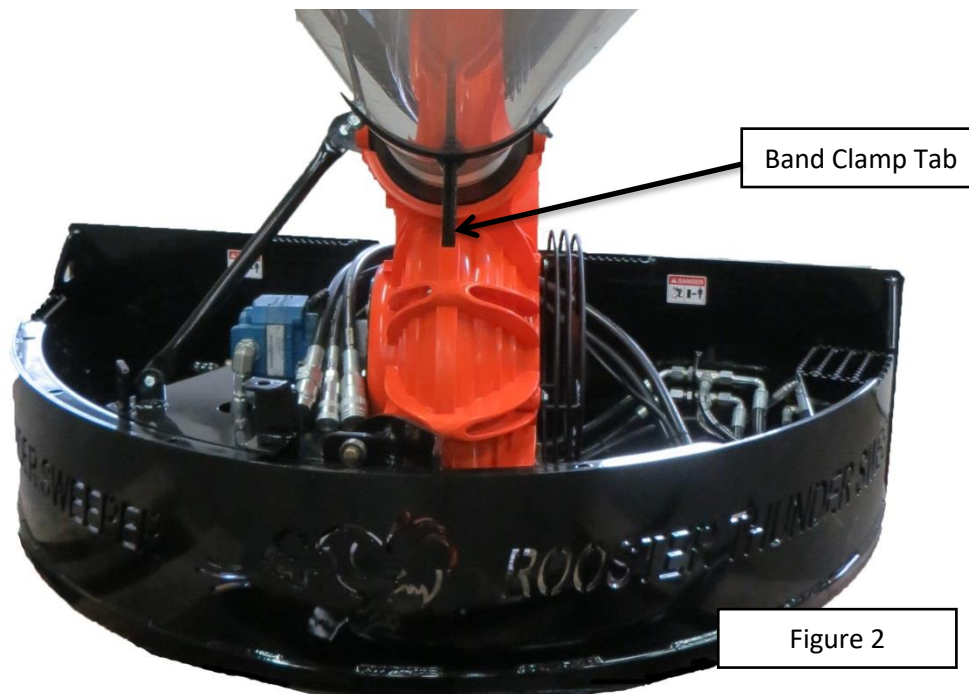
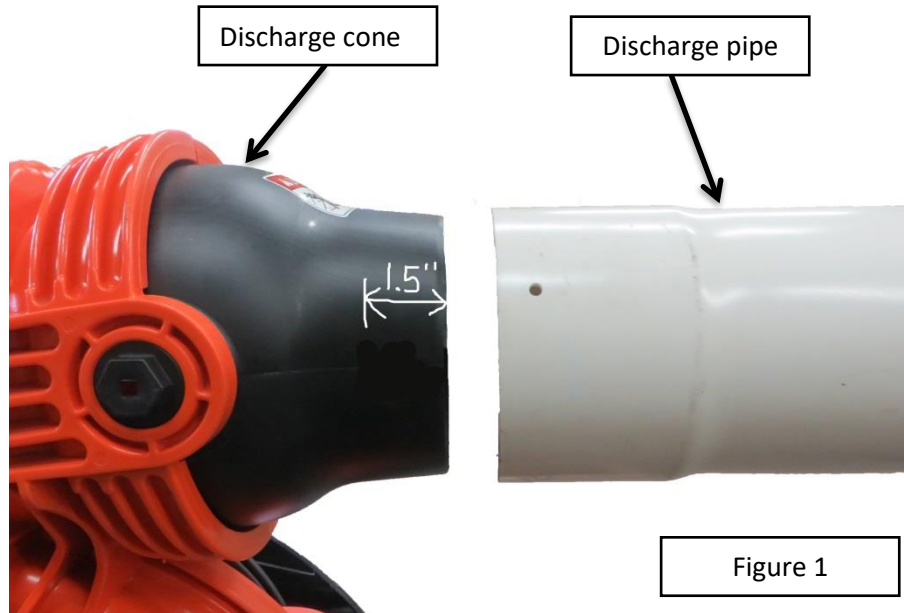
STORAGE SAFETY

1. Store the unit in an area away from human or livestock activity.
2. Do not permit children to play on or around the machine.
3. Clean the unit before placing into storage.
4. Store the unit in a dry, level area.



ASSEMBLY INSTRUCTIONS

1. Remove the lags that hold the blower discharge pipe and supporting pipes to the skid.
2. Assemble blower discharge pipe onto blower discharge cone 1.5" (Fig. 1). Be sure band clamp tab bracket (Fig 2) is pointing straight down as shown. Be sure blower discharge pipe is aligned as squarely to the blower discharge cone as possible.





3. Install only one of the $\frac{1}{4}$ x 1" lags at position shown in Figure 3.

Install 1st lag screw here

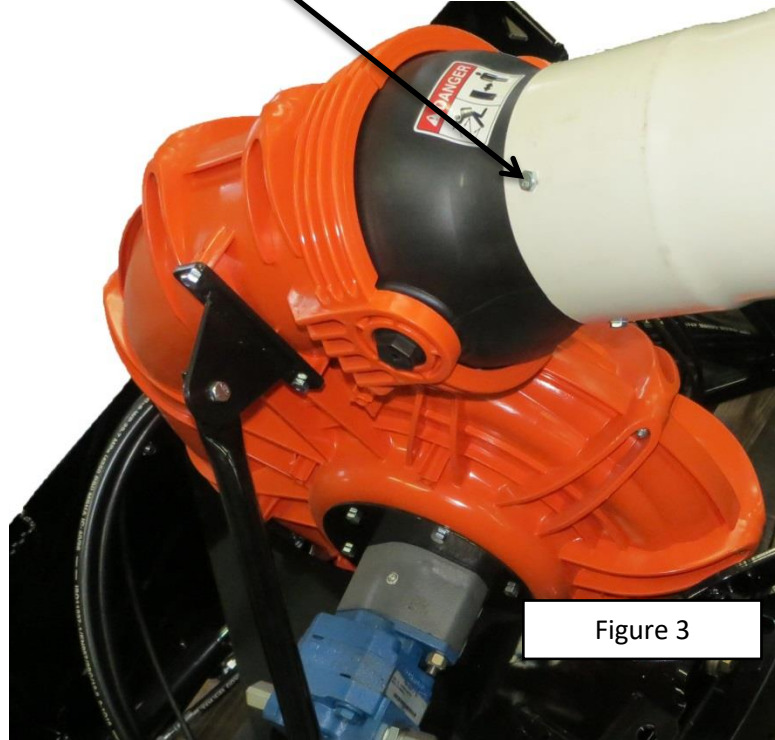


Figure 3

4. Install the blower discharge pipe support pipes as shown in Fig. 4-7. Install the bolts loosely until both support pipes are mounted, then tighten the bolts securely.



Figure 4

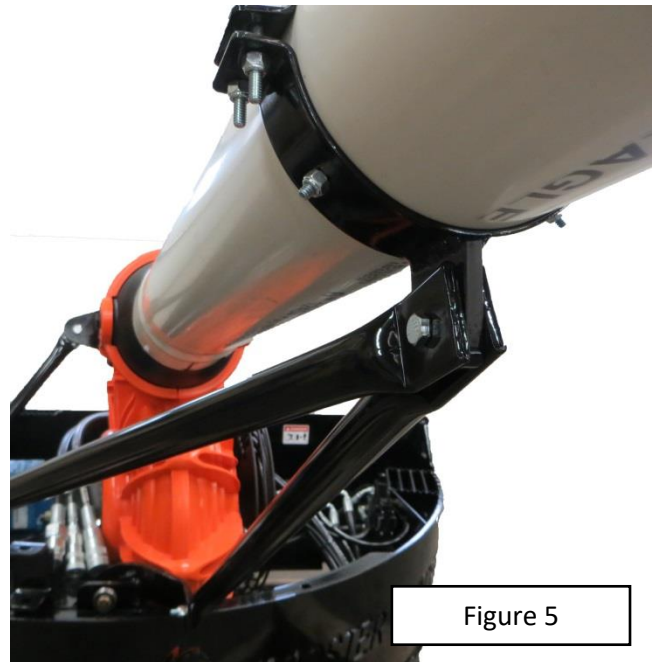


Figure 5



Figure 6



Figure 7

5. Inspect blower discharge cone at Fig. 8 & 9. Blower discharge cone must be aligned squarely with the fan housings before installing the remaining three lags that fasten the discharge pipe to the discharge cone. If discharge cone is out of square with the fan housings, it will put extra stress on one of the fan housing ears, and may lead to breakage of the fan housing. After it is squarely aligned with the fan housings, install the remaining three lags. Then as a final check, make sure that there is not excessive pressure on the fan housings. You should be able to move the discharge pipe & cone back and forth slightly in the fan housing ear.

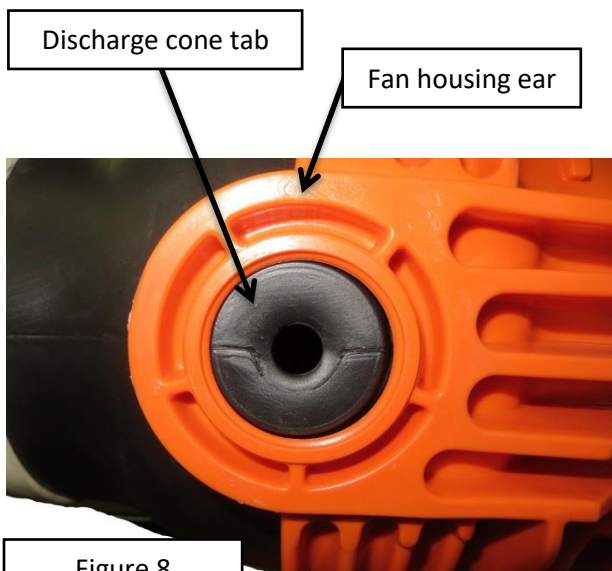


Figure 8
Fan Intake Side

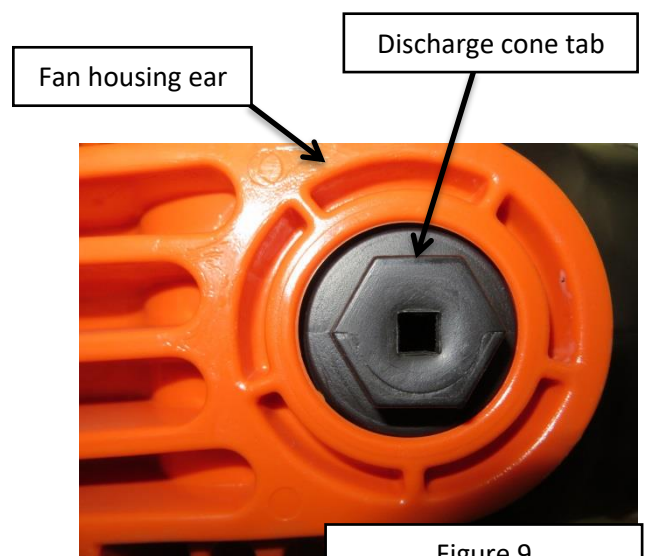


Figure 9
Hydraulic motor side



PRE-OPERATION CHECK

If your machine is equipped with hydraulic swing adjustment, perform the following check before operating the blower. Figure 10 shows a pin through the holes in the bracket provided for manual swing adjustment units. If your machine is equipped with hydraulic swing adjustment, make sure there is no pin or bolt in these holes blocking free movement of the blower swing adjustment toward the left or toward the right! **Damage to the machine will result.**

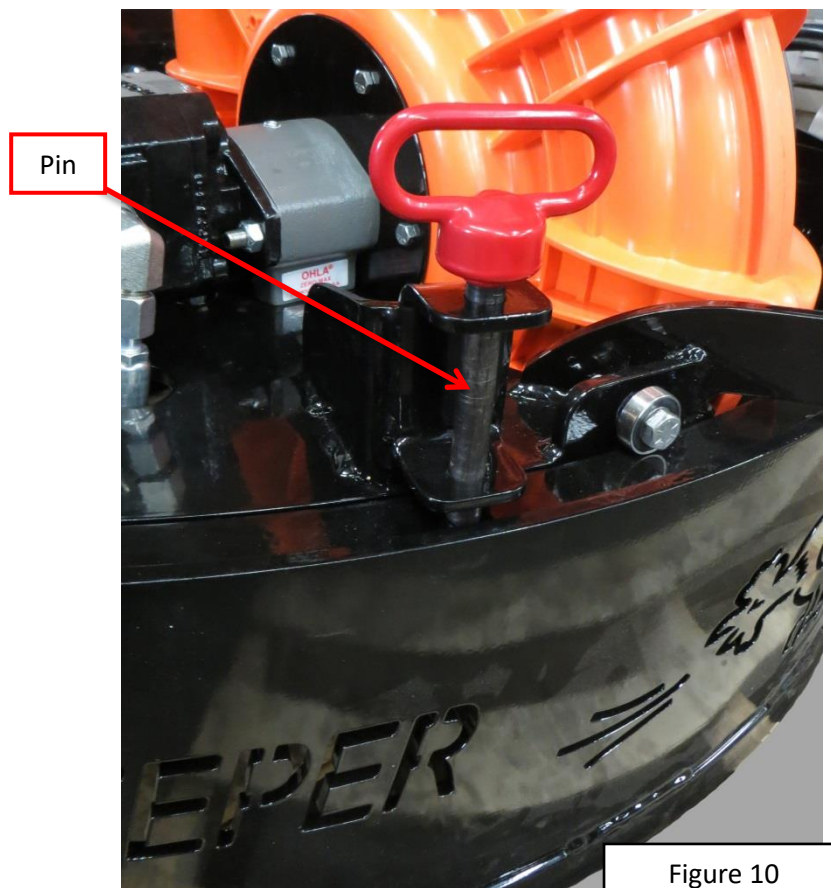


Figure 10



OPERATION

GENERAL OPERATING RULES

1. Read and understand the entire Operator's Manual and all safety decals before operating the equipment.
2. **NEVER** allow any personnel to ride on the blower unit.
3. **DO NOT** use the unit as a work platform. **NEVER** work under raised booms without properly supporting them. **STAY OUT** from underneath the attachment at all times prior to properly supporting or blocking unit.
4. Keep all body parts, such as hands, head, and feet, clear of pinch points on the blower unit when operating.
5. Keep all body parts, such as hands, head, and feet, as far away as possible from fan intake and discharge areas.
6. Make sure that all personnel and livestock and tools are clear of working areas of the unit before and while operating unit.
7. **NEVER** leave equipment unattended with the engine running or with the attachment in a raised position.
8. **NEVER** operate the attachment without properly latching it to the machine it is attached to.
9. Make sure all hydraulic hoses are clear from all pinch points.

KNOW YOUR EQUIPMENT

1. Know your equipment's capabilities, dimensions, and operating procedures before attempting to operate unit.
2. Visually inspect your equipment before beginning operation. **NEVER** operate equipment that is not in proper working condition with all safety devices & labels intact.
3. Check all hardware to ensure it is tight. Make sure all connection devices are properly installed and secured.
4. Remove and replace and damaged or fatigued or excessively worn parts.

PROTECT AGAINST FLYING DEBRIS

1. **ALWAYS** wear proper safety attire and protection when operating the unit.
2. **BE SURE** all personnel and livestock are removed from the area before operating the machine. Make sure all personnel stay back at least 100 feet from the blower while operating. Operator must remain in his seat while operating the blower unit at all times.
3. **BE AWARE** of flying debris and dust that could come into contact with other people or livestock. Do not operate unit if doing so will bring flying debris or dust into contact with other people or livestock.
4. **NEVER** direct the blower discharge towards any person.



USE CARE WITH HYDRAULIC FLUID PRESSURE

Hydraulic fluid under pressure can penetrate the skin and cause severe injury or death. Hydraulic leaks under pressure may not be visible. Keep all body parts away from hydraulic hoses, fittings, or components when under pressure. Before connecting or disconnecting quick couplers inspect for any leaking or damaged hoses or components. If an accident occurs and escaping fluid penetrates your skin, **SEEK MEDICAL ATTENTION IMMEDIATELY.**

ATTACHING BLOWER UNIT TO MACHINE

ALWAYS CONNECT THE CASE DRAIN HOSE BEFORE OPERATING BLOWER UNIT! All hydraulic hoses must be properly coupled to the skid-steer or whatever machine the blower is attached to. Of special concern is the case drain hose.

The purpose of the case drain hose is to provide a free path to the hydraulic reservoir for the oil to drain away that slips past the internal components of the hydraulic motor and into the motor case. This oil does have the option of passing through an internal check valve in the motor to the return line port. Assuming no case drain line is connected, the pressure in the motor case bearing on the shaft seal will be whatever the return line oil pressure is at the motor.

The pressure in the return line at the motor of the blower unit is too high to operate without the case drain line connected. **OPERATING THE BLOWER UNIT FOR EVEN A SHORT TIME WITHOUT THE CASE DRAIN HOSE CONNECTED TO THE MACHINE RESERVOIR MAY DAMAGE THE MOTOR SHAFT SEAL AND WILL VOID THE MANUFACTURER'S WARRANTY.** The case drain line must be connected regardless of what machine or type of machine the blower unit is attached to and powered by. It must be connected regardless of the hydraulic oil flow or maximum relief pressure of the machine that it is attached to.

It is imperative that the case drain line provides a free path from the motor case to the machine oil reservoir. Any blockage in the line could be as harmful as leaving the line disconnected. It must be free of restriction so that the hydraulic oil pressure in the case drain line at the motor is less than 50 psig.

Case drain connection kits are available to install on skid-steers or loaders that have not been equipped with one and can be purchased through LVI Enterprise LLC.

Upon initial attachment to your machine, you will need to verify the correct hook-up of the quick couplers for your machine. The male and female quick couplers may need to be unscrewed from the hydraulic lines and exchanged in order for the blower unit to work properly on your machine. You determine this by attaching the unit to your machine and attempting to operate it. If the fan operates normally when you turn your auxiliary hydraulic power on, you can assume it is hooked up correctly. If the fan only spins slowly and does not move much air, then reverse the quick couplers.

If your machine is set up so you can reverse the oil flow direction in your auxiliary hydraulic lines, then you do not need to exchange the quick couplers. You can simply open your machine's valve in the direction that makes the blower fan operate properly.



START UP

1. **MAKE SURE** skid-steer loader or the machine powering the blower is brought up to normal operating temperature before starting blower unit.
2. When starting blower fan, throttle engine back first and start fan gently. Once fan is started, bring engine up to proper RPM.

DETERMINING PROPER ENGINE OPERATING RPM

If your skid-steer GPM rating is higher than the blower's rated GPM of 17.8, then pay attention to this section. Otherwise, if your skid-steer GPM is below this point, you may ignore this section.

Study the following table to determine the approximate MAX RPM you should operate your loader engine at while running the blower. Exceeding the MAX RPM will likely trigger your loader's system relief valve, creating unnecessary heat and wasting energy, without creating much additional airflow from the blower. If your loader's hydraulic fluid overheats while operating the blower, try throttling back your loader engine a few hundred RPM's.

		GPM Rating of Loader														
		18	18.5	19	19.5	20	20.5	21	21.5	22	22.5	23	23.5	24	24.5	25
Rated RPM	2000	1978	1924	1874	1826	1780	1737	1695	1656	1618	1582	1548	1515	1483	1453	1424
	2050	2027	1972	1921	1871	1825	1780	1738	1697	1659	1622	1587	1553	1520	1489	1460
	2100	2077	2021	1967	1917	1869	1823	1780	1739	1699	1661	1625	1591	1558	1526	1495
	2150	2126	2069	2014	1963	1914	1867	1822	1780	1740	1701	1664	1629	1595	1562	1531
	2200	2176	2117	2061	2008	1958	1910	1865	1821	1780	1740	1703	1666	1632	1598	1566
	2250	2225	2165	2108	2054	2003	1954	1907	1863	1820	1780	1741	1704	1669	1635	1602
	2300	2274	2213	2155	2099	2047	1997	1950	1904	1861	1820	1780	1742	1706	1671	1638
	2350	2324	2261	2202	2145	2092	2040	1992	1946	1901	1859	1819	1780	1743	1707	1673
	2400	2373	2309	2248	2191	2136	2084	2034	1987	1942	1899	1857	1818	1780	1744	1709
	2450	2423	2357	2295	2236	2181	2127	2077	2028	1982	1938	1896	1856	1817	1780	1744
2500	2472	2405	2342	2282	2225	2171	2119	2070	2023	1978	1935	1894	1854	1816	1780	

For example, if your skid-steer has a rated flow of 22 GPM at 2400 Engine RPM, then the MAX Engine RPM you should use while operating the blower is 1942 RPM. This should give you an approximate guide of what Engine RPM you need to run your skid-steer to obtain 17.8 GPM of hydraulic oil flow.

If you do not see the exact GPM or RPM of your skid-steer in the table, round your ratings to the nearest rating listed in the table.



MANUAL SWING ADJUSTMENT

The base unit comes with a Manually-adjusted swing from left to right. Five Positions are available that allow blower discharge to be pointed out to the right at 45° angle from straight front to pointing out the left at a 45° angle from straight front. To adjust discharge angle, stop unit, pull up on red-handled spring-loaded pin and position blower at desired angle. Be sure that the spring-loaded pin is fully engaged in the slot.

CYLINDER SWING ADJUSTMENT

Units equipped with a hydraulic cylinder swing option kit can be adjusted from the cab of the skid-steer. For these units a momentary pushbutton pendant switch is provided to be accessible to the operator in the cab of the skid-steer. These units are infinitely adjustable between a 45° angle to the right to a 45° angle to the left. To adjust the discharge angle, the blower fan must be rotating. Pushing the “Up” Button of the pendant switch should swing the discharge angle to the left. Pushing the “Down” Button should swing the discharge angle to the right.

If you have one of these units, you may notice that the discharge angle gradually changes as you operate the fan for a period of time without you adjusting the discharge angle. This is normal and is nothing to be concerned about. It is caused by a very small amount of normal internal leakage past the spool of the hydraulic valve and pressurizing the ports of the cylinder.

Air may tend to accumulate in the cylinder system and cause a “springy” feel in the adjustment of the discharge angle. Operating the fan and cycling the discharge angle swing back and forth a few times should clear this up.

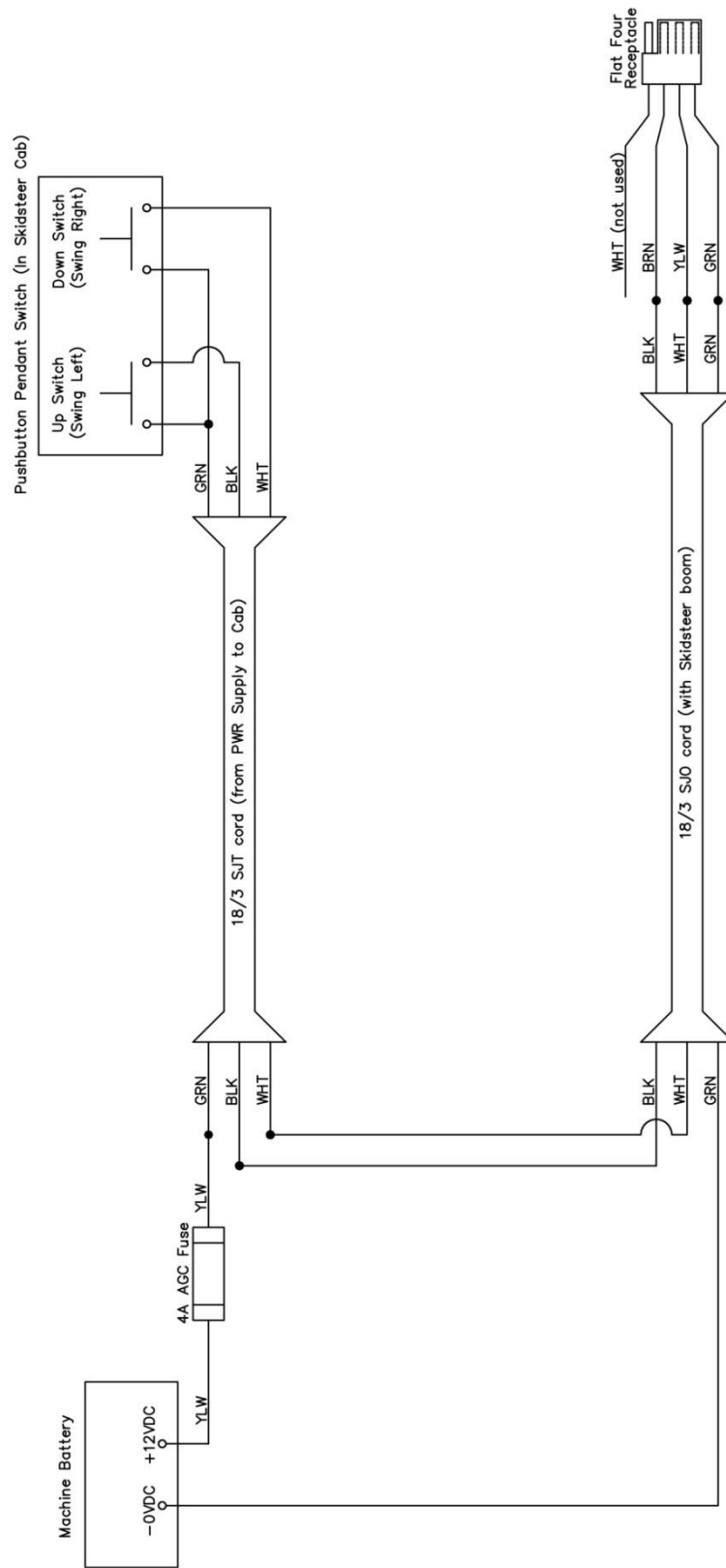
If you intend to operate the blower unit on multiple machines, you will need to purchase additional pushbutton harness kits for those machines.



MAINTENANCE

1. Follow **ALL** of the operating, maintenance, and safety instructions & procedures in this manual.
2. **PLACE ALL** controls in neutral, stop the engine, set the park brake, remove ignition key and wait for all moving parts to come to a complete stop before servicing, repairing, or unhooking machinery.
3. **NEVER** attempt to work on the unit until all moving parts have come to a stop and the machine blower unit is attached to is shut down.
4. Keep hands, feet, hair, and clothing away from all moving and/or rotating parts.
5. Clear the area of all bystanders, especially children, when operating, repairing, or making adjustments to the machine.
6. Before working on the unit or any of its components, ensure that it has been sufficiently blocked or supported. Use only tools, jacks, or hoists of sufficient capacity for the job.
7. Follow good shop practices:
 - a. Keep service area clean and dry.
 - b. Be sure electrical outlets and tools are properly grounded.
 - c. Use adequate lighting for the job at hand.
 - d. Place all tools and parts away before leaving the shop.
8. Before restarting the unit, clear all tools and equipment away and make sure all personnel are clear of the unit.
9. If your unit is equipped with hydraulic swing adjustment, before restarting unit, make sure there is no pin or bolt in the manual latch holes to restrict the blower from freely swinging toward the right or toward the left. See Figure 10 with the Pre-Operation Check.
10. Make sure all guards and safety decals are in place and properly secured when maintenance work is completed.
11. Periodically check to make sure all hardware is tight and properly secured.
12. **DO NOT** modify the equipment in any way. Unauthorized modifications could impair the safety and/or function of the equipment and could significantly affect its life or warranty.
13. Grease the two pivot points of the unit once a month or every 8 hours with a good quality Lithium grease.
14. Frequently inspect hydraulic hoses to make sure they have not been damaged.
15. Use only genuine OEM replacement parts.

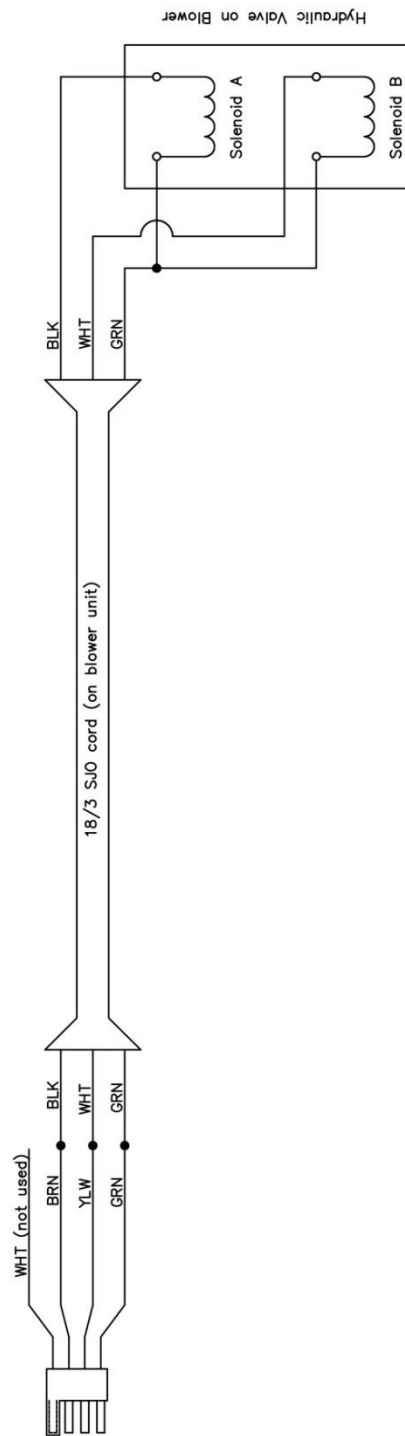
RTS10598 PUSHBUTTON HARNESS ELECTRICAL SCHEMATICS



Document No.
RTS10598SCH0-0



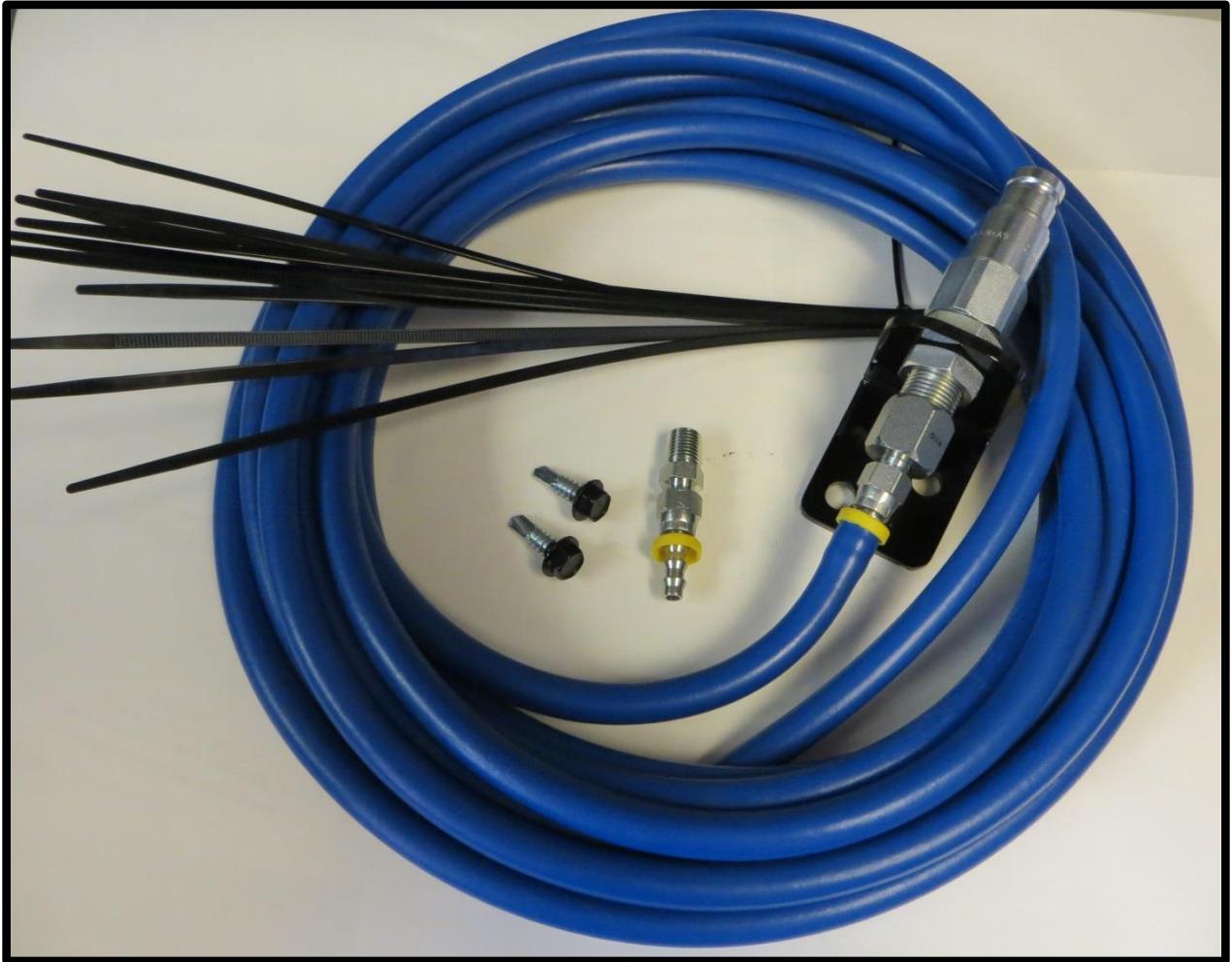
CYLINDER KIT HYDRAULIC VALVE ELECTRICAL SCHEMATICS

Document No.
RTS10598SCH1-0



Rooster Thunder Sweeper[®]

Option Kit: Case Drain Connection Kit for Loader



PART NUMBERS:

RTSCDK-10 KIT WITH 10' HOSE LENGTH

RTSCDK-20 KIT WITH 20' HOSE LENGTH

RTSCDK-30 KIT WITH 30' HOSE LENGTH

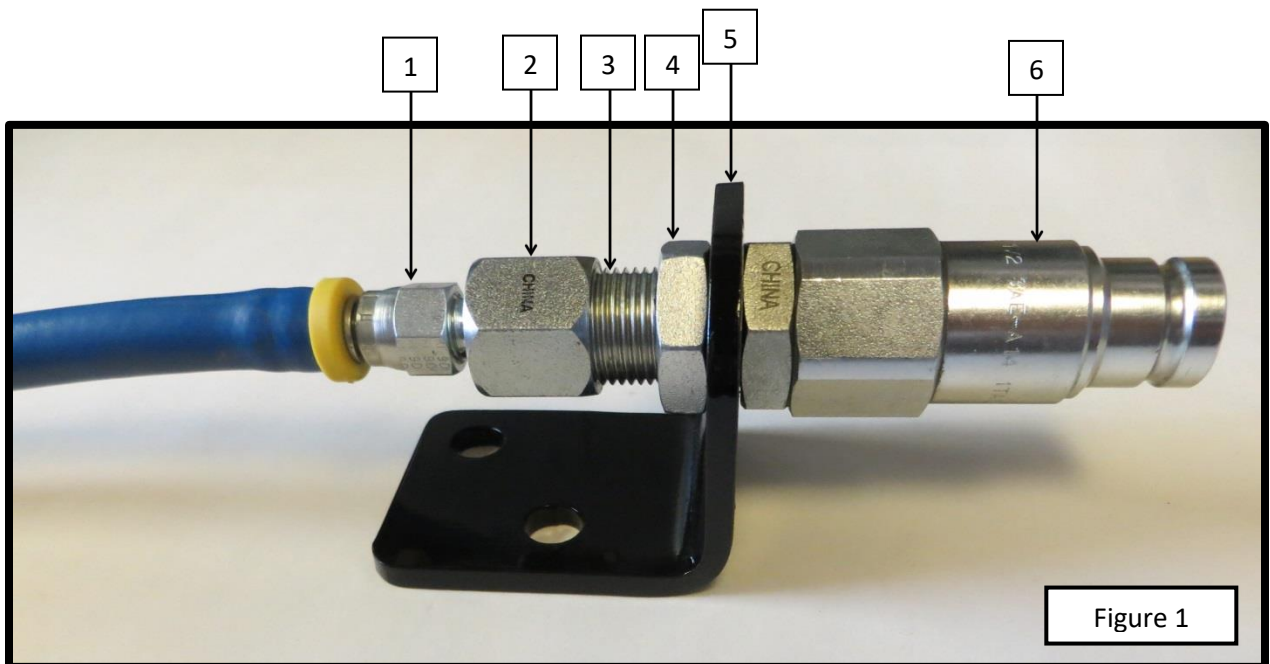
DESCRIPTION:

Kit adds a case drain quick coupler connection to skid-steer or tractor front-end loader that is not already equipped with a case drain connection. Kit includes quick coupler, mount bracket, hose, and adapter fitting to 1/4" male NPT for connection to machine hydraulic oil reservoir.



INSTALLATION INSTRUCTIONS

1. Disconnect the hose (Fig. 1, #1) from the adapter (Fig. 1, #2). Remove the adapter from the bulkhead fitting (Fig. 1, #3). Remove the jam nut (Fig. 1, #4) from the bulkhead fitting. Remove quick coupler (Fig. 1, #6) and bulkhead fitting from bracket (Fig. 1, #5) as a unit.



2. Mount the quick coupler bracket (Fig. 1, #5) on the skid-steer boom near the other quick couplers. Use the self-tapping screws provided with the kit. Do not weld bracket onto boom unless the proper procedures for welding on your skid-steer are followed. Welding on your machine could damage its electrical components.
3. Insert quick coupler (Fig. 1, #6) and bulkhead fitting (Fig. 1, #3) through the hole in the bracket. Install jam nut (Fig. 1, #4) to bulkhead fitting and tighten securely. Reinstall the adapter (Fig. 1, #2) to the bulkhead fitting.
4. Re-connect the hose (Fig. 1, #1) to the adapter. Tighten securely, but do not over tighten.
5. Route the case drain hose along the other skid-steer hydraulic lines back toward the skid-steer reservoir. Use cable ties supplied with kit to secure it in place. Be certain that hose is clear of all pinch points on boom.



6. Connect the other end of the hose to some point on skid-steer hydraulic oil reservoir. The hose may be cut-to-length as needed and the hose barb fitting then simply pushes into the hose. It is a special hose barb and hose that does not need and should not have any hose clamps on it. See Figure 2 for how it should look when it is installed on the hose. The hose barb fitting is a #4 JIC Female swivel. Supplied with that is a male adapter from



Figure 2

- #4 male JIC to $\frac{1}{4}$ " male NPT. Machine reservoirs vary, and you may need to find specific adapters to adapt to a port on your reservoir. You are responsible to find a place to connect to the reservoir.
7. It is extremely important that the hose is connected to the reservoir with no restrictions! The maximum pressure allowed in the case drain line at the motor on the blower is 50 psig.
 8. Make certain that the hose is adequately protected at any places (pinch points, etc.) with potential to damage it. Make certain that it does not kink at all in all possible boom positions. Make certain that all fittings and connections have been properly tightened.
 9. Periodically check the case drain hose for any damages from abrasion or bending. Installed properly, it should hold up well.



Warranty Policy and Conditions

LVI ENTERPRISE LLC, 121 VALLEY VIEW RD, MYERSTOWN, PA 17067, herein after referred to as LVI, offers the following limited warranty in accordance with the provisions listed below to each original retail purchaser of a **Rooster Thunder Sweeper®** blower unit, that the **Rooster Thunder Sweeper®** blower unit is at the time of delivery to such customer, free from defects in material and workmanship, and that such blower units will be warranted for a period of 1 YEAR from the date of delivery to the end user, providing the machine is used and serviced in accordance with the recommendations of the manufacturer and is operated under normal farm conditions.

1. This warranty will be withdrawn if any equipment has been used for purposes other than for which it was intended or if it has been misused, neglected, or damaged by accident, let out on hire or furnished by a rental agency. In addition, this warranty will be void if any parts other than those provide by the OEM have been incorporated in any part of the equipment. Further, LVI shall not be responsible for damage in transit or handling and under no circumstances within or without the warranty period will LVI be liable for damages of loss of use, or damages resulting from delay, or any consequential and/or incidental damage.
2. LVI cannot be held responsible for loss of poultry or livestock, or any expense or loss incurred for labor, supplies, substitute machinery, rental for any other reason, or for injuries either to the owner or to a third party, nor can we be called upon to be responsible for labor charges, other than originally agreed, incurred in the removal or replacement of components. LVI's liability shall be limited to the repair or replacement of defective components.
3. The customer will be responsible for and bear the cost of:
 - a) Normal maintenance such as greasing, maintenance of oil levels, minor adjustments, etc.
 - b) Transportation of any equipment to and from where the warranty work is performed.
 - c) Dealer travel time to and from the machine or to deliver and return the machine from the service workshop for repair.
 - d) Dealer travel costs.
4. If any blower unit is alleged to be defective, the customer shall give to LVI written notice of such alleged deficiency within ten (10) days of when the customer knew or could have known of the alleged deficiency. LVI shall be given reasonable opportunity to cure such alleged deficiency. Failure of the customer to provide such notice and opportunity shall constitute a waiver of any warranty claims.
5. This warranty will not apply to any product that is altered or modified without the express written permission of LVI and/or repaired by anyone other than LVI or LVI's approved dealers.
6. This warranty may not be assigned or transferred to anyone.
7. Any operation of the **Rooster Thunder Sweeper®** without the case drain hose of the blower unit connected to a machine reservoir of some kind voids the manufacturer's warranty. This statement remains in effect regardless of what type of machine is powering the blower, whether skid-steer loader, tractor front-end loader, telescoping boom forklift, or any other machine or type of machine, and regardless of volume of hydraulic flow or maximum pressure relief setting of the machine powering it. Operating the blower unit with any blockage in the case drain line of any sort, at any point in the line, voids the manufacturer's warranty. Bypass oil coming out of case drain port at motor must have free path to machine reservoir. Maximum pressure in case drain line at motor is 50 psi. The manufacturer will not provide any warranty parts or labor on any blower unit equipped with case drain line if it has been determined that the cause of the failure is in any way related to improper case drain line connections or blockages. Any labor and/or parts needed to repair these types of damages will be billed at current shop rates.



8. In order for this warranty to be valid, the warranty registration form below must be filled out and a copy forwarded to LVI within twenty-five (25) days of the date of sale to original end user.
9. **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING (BUT NOT LIMITED TO) ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE TERMS OF THIS WARRANTY CONSTITUTE ALL BUYER'S OR USER'S SOLE AND EXCLUSIVE REMEDY, AND ARE IN LIEU OF ANY RIGHT TO RECOVER FOR NEGLIGENCE, BREACH OF WARRANTY, OR UPON ANY OTHER THEORY.**
10. **SIGNING THIS FORM INDICATES THAT YOU HAVE READ AND UNDERSTAND THE OWNER'S MANUAL AND MACHINE SAFETY.**

WARRANTY REGISTRATION

CUSTOMER NAME: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

PHONE: _____ CELL: _____

ROOSTER THUNDER SWEEPER® SERIAL #: _____

PRIMARY MACHINE OPERATING BLOWER: (Please be specific. List machine make, type, & model.)

SECONDARY MACHINES OPERATING BLOWER: (Please be specific. List machine make, type, & model.)

DELIVERY DATE: _____

INTENDED USE: _____

DEALER NAME: _____

DEALER PHONE NUMBER: _____

DEALER SALES REP NAME: (Print) _____

(Sign) _____

CUSTOMER SIGNATURE: _____

THIS COPY FOR CUSTOMER



Warranty Policy and Conditions

LVI ENTERPRISE LLC, 121 VALLEY VIEW RD, MYERSTOWN, PA 17067, herein after referred to as LVI, offers the following limited warranty in accordance with the provisions listed below to each original retail purchaser of a **Rooster Thunder Sweeper®** blower unit, that the **Rooster Thunder Sweeper®** blower unit is at the time of delivery to such customer, free from defects in material and workmanship, and that such blower units will be warranted for a period of 1 YEAR from the date of delivery to the end user, providing the machine is used and serviced in accordance with the recommendations of the manufacturer and is operated under normal farm conditions.

11. This warranty will be withdrawn if any equipment has been used for purposes other than for which it was intended or if it has been misused, neglected, or damaged by accident, let out on hire or furnished by a rental agency. In addition, this warranty will be void if any parts other than those provide by the OEM have been incorporated in any part of the equipment. Further, LVI shall not be responsible for damage in transit or handling and under no circumstances within or without the warranty period will LVI be liable for damages of loss of use, or damages resulting from delay, or any consequential and/or incidental damage.
12. LVI cannot be held responsible for loss of poultry or livestock, or any expense or loss incurred for labor, supplies, substitute machinery, rental for any other reason, or for injuries either to the owner or to a third party, nor can we be called upon to be responsible for labor charges, other than originally agreed, incurred in the removal or replacement of components. LVI's liability shall be limited to the repair or replacement of defective components.
13. The customer will be responsible for and bear the cost of:
 - e) Normal maintenance such as greasing, maintenance of oil levels, minor adjustments, etc.
 - f) Transportation of any equipment to and from where the warranty work is performed.
 - g) Dealer travel time to and from the machine or to deliver and return the machine from the service workshop for repair.
 - h) Dealer travel costs.
14. If any blower unit is alleged to be defective, the customer shall give to LVI written notice of such alleged deficiency within ten (10) days of when the customer knew or could have known of the alleged deficiency. LVI shall be given reasonable opportunity to cure such alleged deficiency. Failure of the customer to provide such notice and opportunity shall constitute a waiver of any warranty claims.
15. This warranty will not apply to any product that is altered or modified without the express written permission of LVI and/or repaired by anyone other than LVI or LVI's approved dealers.
16. This warranty may not be assigned or transferred to anyone.
17. Any operation of the **Rooster Thunder Sweeper®** without the case drain hose of the blower unit connected to a machine reservoir of some kind voids the manufacturer's warranty. This statement remains in effect regardless of what type of machine is powering the blower, whether skid-steer loader, tractor front-end loader, telescoping boom forklift, or any other machine or type of machine, and regardless of volume of hydraulic flow or maximum pressure relief setting of the machine powering it. Operating the blower unit with any blockage in the case drain line of any sort, at any point in the line, voids the manufacturer's warranty. Bypass oil coming out of case drain port at motor must have free path to machine reservoir. Maximum pressure in case drain line at motor is 50 psi. The manufacturer will not provide any warranty parts or labor on any blower unit equipped with case drain line if it has been determined that the cause of the failure is in any way related to improper case drain line connections or blockages. Any labor and/or parts needed to repair these types of damages will be billed at current shop rates.



18. In order for this warranty to be valid, the warranty registration form below must be filled out and a copy forwarded to LVI within twenty-five (25) days of the date of sale to original end user.
19. **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING (BUT NOT LIMITED TO) ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE TERMS OF THIS WARRANTY CONSTITUTE ALL BUYER'S OR USER'S SOLE AND EXCLUSIVE REMEDY, AND ARE IN LIEU OF ANY RIGHT TO RECOVER FOR NEGLIGENCE, BREACH OF WARRANTY, OR UPON ANY OTHER THEORY.**
20. **SIGNING THIS FORM INDICATES THAT YOU HAVE READ AND UNDERSTAND THE OWNER'S MANUAL AND MACHINE SAFETY.**

WARRANTY REGISTRATION

CUSTOMER NAME: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

PHONE: _____ CELL: _____

ROOSTER THUNDER SWEEPER® SERIAL #: _____

PRIMARY MACHINE OPERATING BLOWER: (Please be specific. List machine make, type, & model.)

SECONDARY MACHINES OPERATING BLOWER: (Please be specific. List machine make, type, & model.)

DELIVERY DATE: _____

INTENDED USE: _____

DEALER NAME: _____

DEALER PHONE NUMBER: _____

DEALER SALES REP NAME: (Print) _____

(Sign) _____

CUSTOMER SIGNATURE: _____

THIS COPY FOR DEALER



Warranty Policy and Conditions

LVI ENTERPRISE LLC, 121 VALLEY VIEW RD, MYERSTOWN, PA 17067, herein after referred to as LVI, offers the following limited warranty in accordance with the provisions listed below to each original retail purchaser of a **Rooster Thunder Sweeper®** blower unit, that the **Rooster Thunder Sweeper®** blower unit is at the time of delivery to such customer, free from defects in material and workmanship, and that such blower units will be warranted for a period of 1 YEAR from the date of delivery to the end user, providing the machine is used and serviced in accordance with the recommendations of the manufacturer and is operated under normal farm conditions.

21. This warranty will be withdrawn if any equipment has been used for purposes other than for which it was intended or if it has been misused, neglected, or damaged by accident, let out on hire or furnished by a rental agency. In addition, this warranty will be void if any parts other than those provide by the OEM have been incorporated in any part of the equipment. Further, LVI shall not be responsible for damage in transit or handling and under no circumstances within or without the warranty period will LVI be liable for damages of loss of use, or damages resulting from delay, or any consequential and/or incidental damage.
22. LVI cannot be held responsible for loss of poultry or livestock, or any expense or loss incurred for labor, supplies, substitute machinery, rental for any other reason, or for injuries either to the owner or to a third party, nor can we be called upon to be responsible for labor charges, other than originally agreed, incurred in the removal or replacement of components. LVI's liability shall be limited to the repair or replacement of defective components.
23. The customer will be responsible for and bear the cost of:
 - i) Normal maintenance such as greasing, maintenance of oil levels, minor adjustments, etc.
 - j) Transportation of any equipment to and from where the warranty work is performed.
 - k) Dealer travel time to and from the machine or to deliver and return the machine from the service workshop for repair.
 - l) Dealer travel costs.
24. If any blower unit is alleged to be defective, the customer shall give to LVI written notice of such alleged deficiency within ten (10) days of when the customer knew or could have known of the alleged deficiency. LVI shall be given reasonable opportunity to cure such alleged deficiency. Failure of the customer to provide such notice and opportunity shall constitute a waiver of any warranty claims.
25. This warranty will not apply to any product that is altered or modified without the express written permission of LVI and/or repaired by anyone other than LVI or LVI's approved dealers.
26. This warranty may not be assigned or transferred to anyone.
27. Any operation of the **Rooster Thunder Sweeper®** without the case drain hose of the blower unit connected to a machine reservoir of some kind voids the manufacturer's warranty. This statement remains in effect regardless of what type of machine is powering the blower, whether skid-steer loader, tractor front-end loader, telescoping boom forklift, or any other machine or type of machine, and regardless of volume of hydraulic flow or maximum pressure relief setting of the machine powering it. Operating the blower unit with any blockage in the case drain line of any sort, at any point in the line, voids the manufacturer's warranty. Bypass oil coming out of case drain port at motor must have free path to machine reservoir. Maximum pressure in case drain line at motor is 50 psi. The manufacturer will not provide any warranty parts or labor on any blower unit equipped with case drain line if it has been determined that the cause of the failure is in any way related to improper case drain line connections or blockages. Any labor and/or parts needed to repair these types of damages will be billed at current shop rates.



28. In order for this warranty to be valid, the warranty registration form below must be filled out and a copy forwarded to LVI within twenty-five (25) days of the date of sale to original end user.

29. **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING (BUT NOT LIMITED TO) ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE TERMS OF THIS WARRANTY CONSTITUTE ALL BUYER'S OR USER'S SOLE AND EXCLUSIVE REMEDY, AND ARE IN LIEU OF ANY RIGHT TO RECOVER FOR NEGLIGENCE, BREACH OF WARRANTY, OR UPON ANY OTHER THEORY.**

30. **SIGNING THIS FORM INDICATES THAT YOU HAVE READ AND UNDERSTAND THE OWNER'S MANUAL AND MACHINE SAFETY.**

WARRANTY REGISTRATION

CUSTOMER NAME: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

PHONE: _____ CELL: _____

ROOSTER THUNDER SWEEPER® SERIAL #: _____

PRIMARY MACHINE OPERATING BLOWER: (Please be specific. List machine make, type, & model.)

SECONDARY MACHINES OPERATING BLOWER: (Please be specific. List machine make, type, & model.)

DELIVERY DATE: _____

INTENDED USE: _____

DEALER NAME: _____

DEALER PHONE NUMBER: _____

DEALER SALES REP NAME: (Print) _____

(Sign) _____

CUSTOMER SIGNATURE: _____

THIS COPY FOR LVI