LEWIS POULTRY HOUSEKEEPER
OWNER / OPERATOR MANUAL

MODEL # DB-1 DUMP BODY

FROM: SERIAL # 9419

Manufactured by: **LEWIS BROTHERS MANUFACTURING, INC.**
Post Office Box 146
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10-19-2021

INTRODUCTION

All Lewis Brothers equipment is manufactured under stringent production and quality assurance procedures prior to preparation for shipment. A final quality check is performed on all equipment before shipping.

The best equipment is only as good as its operation and management. Sound operation and good preventive maintenance practices are essential to efficient performance of your Lewis Poultry Housekeeper.

Questions on parts and service for the equipment covered in this manual should be referred to the local dealer from whom the equipment was purchased, or the nearest Lewis Brothers Dealer.

We sincerely thank you for purchasing Lewis Brothers equipment.

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SAFETY

OWNER'S AND OPERATOR'S RESPONSIBILITY

This manual is intended for use with your Lewis Poultry Housekeeper. Extra effort has been made to provide for safe operation of this equipment. This manual as well as the safety decals placed on the equipment is part of that effort. Your new Housekeeper should perform the various functions for which it was designed if it is maintained, adjusted to your specific conditions, and operated correctly.

It is the responsibility of the owner and every operator of this equipment to read and understand this manual before initial startup, before each season, before performing service or maintenance tasks and prior to storing the equipment. Each employee who will work on or around this equipment should be instructed in how to do so safely.

It is important to understand the operational methods and safety issues mentioned in this manual. Lewis Brothers cannot anticipate all conceivable ways service and operational functions might be performed and of the possible hazardous consequences of such. Anyone using or servicing this equipment must first satisfy themselves that their chosen methods do not jeopardize the safety of themselves, others, or the equipment.

Read the warranty on page 9. The purchaser is required to fill out and return the registration card supplied with this owner's manual within ten (10) days of purchase to Lewis Brothers Manufacturing to be eligible for warranty coverage.

Genuine Lewis replacement parts will insure the durability and long life of your Housekeeper. Lewis repair parts and optional equipment should be ordered through your Lewis Brothers' Dealer.

Operators should thoroughly inspect the Housekeeper before and after each use. All chains and bearings should be properly lubricated as specified, and any worn or damaged parts repaired or replaced. Failure to repair or replace worn parts could result in damage or excess wear to other parts.

GENERAL PRECAUTIONS

- **MAKE SURE** everyone is clear of the equipment before starting the tractor's engine and while equipment is under operation.

- **DO NOT** allow anyone to ride on this equipment.

- **KEEP** hands, feet, hair and clothing away from all moving parts. Do not wear loose clothing while operating equipment, as this may present an entanglement hazard.

- **DRIVE** the pulling tractor at speeds compatible with conditions and good safety practices. This is especially important when operating over rough ground, on slopes, crossing ditches or while turning. Tip over may occur if a safe speed is not maintained during operation.

- **NEVER LEAVE** this equipment in the raised position when parked and unattended.

- **STOP** the tractor's engine and relieve any hydraulic pressure by actuating all hydraulic valves in both directions before disconnecting any part of the hydraulic system.

- **MAKE SURE** hitch components are attached securely before operating or transporting.

- **USE** flashing warning lights when on highways, except where prohibited by law.

- **STOP** tractor engine before leaving operator's position to adjust, lubricate, clean or unclog machine.

- **KEEP** all shields in place.

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Chock wheels and block up head of machine securely prior to working under machine. Failure to do so may result in serious injury or death.

- **MAXIMUM** towing speed is 25 MPH.

- **OBSERVE** all safety decals located on machine. Should any safety decal become damaged unreadable, or lost, **REPLACE IT IMMEDIATELY.** New decals may be obtained from your Lewis Brothers' dealer.

- **WEAR** dust respirator at all times while using this machine (3M part # 8710 is recommended).

WARRANTY

LEWIS BROTHERS MANUFACTURING, INC.

LIMITED WARRANTY

Lewis Brothers Manufacturing, Inc. (hereinafter referred to as "LBM") warrants each item of new equipment manufactured by LBM to be free from defects in material and workmanship under normal use and service.

The obligation of LBM under this LIMITED WARRANTY is limited to repair or replacement, as LBM may elect, of any parts that prove, in LBM's judgment, to be defective in material and workmanship within the first twelve (12) months after the date of invoice to the original purchaser. THIS LIMITED WARRANTY DOES NOT APPLY TO BELTS, HYDRAULIC HOSES, TIRES, AND OTHER SERVICE ITEMS, WHICH SHALL HAVE A NINETY (90) DAY WARRANTY.

THIS LIMITED WARRANTY WILL APPLY FOR (3) MONTHS ONLY WHEN THE UNIT IS USED IN A COMMERCIAL APPLICATION.

All warranty part repairs and replacements must be made by a certified LBM dealer. Any outside work or alterations made without written approval of LBM will render this LIMITED WARRANTY void.

LBM's obligation specifically excludes any liability for consequential damages, such as loss of profit, delays, expenses, damage to goods or property used in connection with or processed in or by the product sold, or damage to the product sold from whatever cause, whether or not such loss is due to negligence by LBM.

This LIMITED WARRANTY shall not apply to any item that has been operated in a manner not recommended by LBM.

No person is authorized to give any other warranties or to assume any other liability on behalf of LBM unless made in writing by Lewis Brothers Manufacturing, Inc.

THIS LIMITED WARRANTY IS IN LIEU OF AND REPLACES ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED, AS ARE ALL OTHER REPRESENTATIONS TO THE USER-PURCHASER AND ALL OTHER OBLIGATIONS OR LIABILITIES, INCLUDING LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF LBM.

LEWIS BROTHERS MANUFACTURING, INC.
P.O. BOX 146 - BAXLEY, GA. 31513
FEBRUARY 1, 2007

SPECIFICATIONS

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Housekeeper Model # DB-1

Overall Working Height	64 inches
Overall Length	19 feet
Overall Width	79 inches
Throat	69 inches
Capacity	112 cubic ft
Weight (unloaded)	4450 lbs.
PTO Hydraulic Pump	20 GPM
Hydraulic Pressure @ 540 rpm	2500 PSI
Tire Pressure	50 PSI
Tire Size	9.5L X 15
Hydraulic Oil	AW-68
Oil Reservoir Capacity	20 gallons
PTO Horsepower required	40 HP
Tongue Weight (unloaded)	1380 lbs

SETUP AND OPERATION

MACHINE SETUP

TRACTOR SETTINGS

The Lewis Poultry Housekeeper is designed to operate from the fixed drawbar. If your tractor has an option of a 540 or 1000 rpm PTO, you should install the 540 shaft.

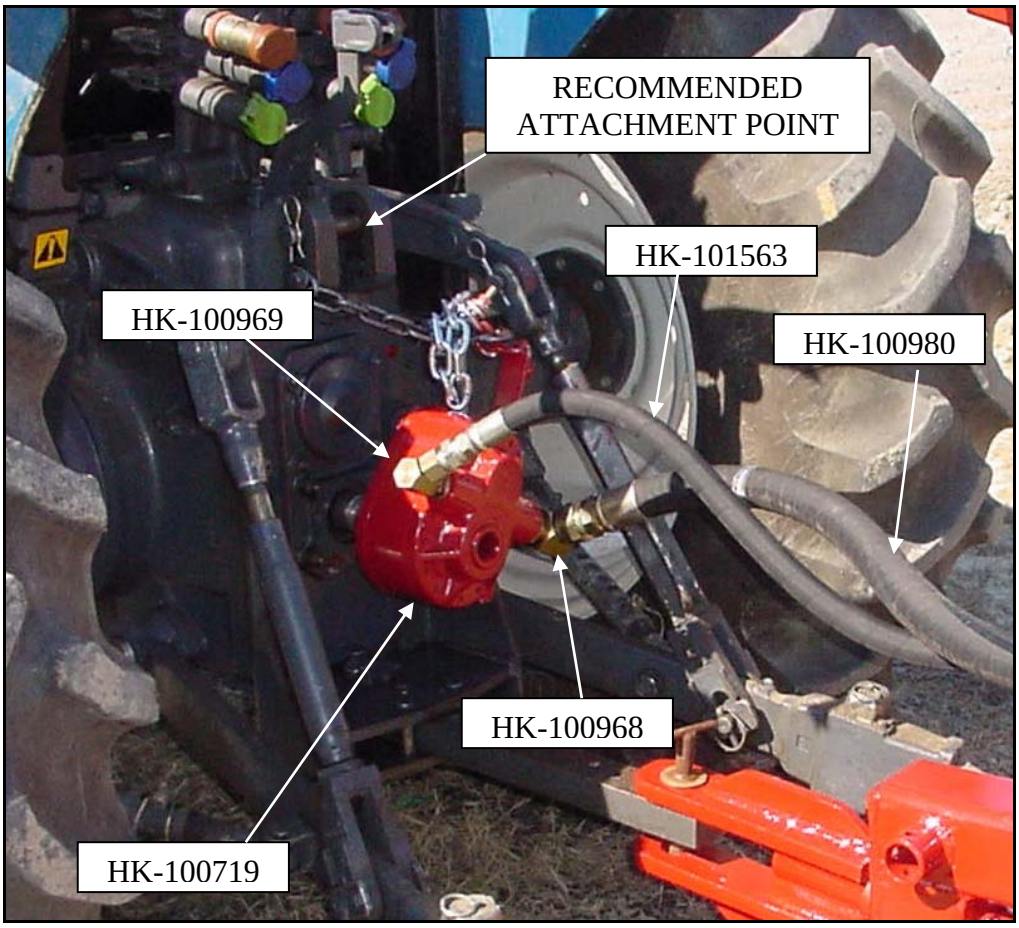


Figure 1

ATTACHING HOUSEKEEPER TO THE TRACTOR

Attach the Poultry Housekeeper to the tractor's fixed drawbar using a heavy duty hitch pin. Next, attach the hydraulic pump to the tractor PTO shaft. Slide the pump onto the PTO shaft as far as possible. Secure its position by wrapping the chain on the torque arm around some portion of the tractor hitch which is secure and will not allow the pump to slide off or spin once the PTO is engaged. A good place to chain the pump is around the top link pin. Always try to pull the pump from the PTO after it is chained into place. If the pump slides very far back on the shaft it is not snug enough. Take up another link on the chain and repeat the process again. Making this connection too tight may put excess pressure on the PTO shaft resulting in damage to pump or shaft. (See figure 1)

The tongue of the unit can be moved to the far right position so that the pickup head will be positioned closer to the poultry house wall. Before starting to clean out a house, the operator should decide whether to start next to the walls or in the middle of the house and set the tongue accordingly. Always set the tongue back to the center position when not cleaning next to the

walls or a row of posts.(See Figure 2) The main control valve should be adjusted so that it is easily accessible to the operator, but not so close that it will make contact with the tractor.

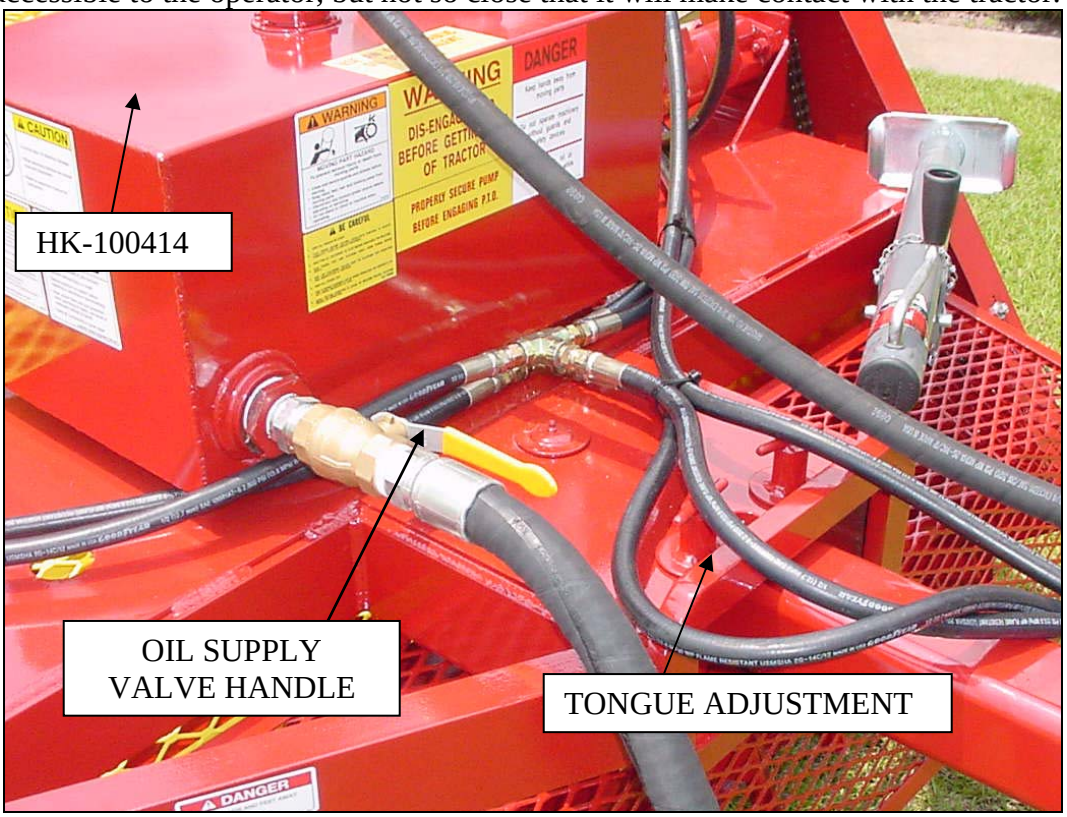


Figure 2

SETTING THE MACHINE FOR TOTAL CLEANOUT

Setting the machine for total clean out requires that all perforated bars utilized for caking or sifting be removed and replaced with solid bars. The best method to achieve this is to first remove all perforated bars before installation of the solid bars. The use of an impact wrench will make this job easier and much faster. Once all perforated bars have been removed, the shaker wheels (See figure 4) must then be removed. This must be done prior to the installation of the solid bars. Replace the solid bars one at a time using the same hardware. Replace the bars on the front of the machine then rotate the conveyor chain over and replace the remaining bars.

OPERATING INSTRUCTIONS

The Lewis Poultry Housekeeper DB-1 is designed to be operated with the tractor PTO turning within a range of 500 to 540 RPM. 540 RPM is the most desirable speed and will produce the maximum flow and pressure from the pump. To put the machine into operation, first engage the PTO of the tractor and then pull the left side handle of the control valve forward. With the operator seated on the tractor and looking over his shoulder towards the Housekeeper, the lever on the left controls the loading conveyor and the lever on the right controls the dumping or unloading.

The loading conveyor should be engaged only when the operator is satisfied that the body of the machine has been fully returned to its horizontal position. Failure to do so could result in improper operation of the housekeeper and effect cleaning results. Moving the left hand lever forward should start the cylinder reel, loading conveyor, and leveling assembly into motion. Next, bring the PTO of the tractor up to speed. The ground speed will depend on the particular operation being performed and the amount of material being removed from the floor of the house. Generally, first gear or 1 to 1-1/2 MPH is used for total clean out and removal of medium cake during sifting. Very heavy cake or excessive ground speed may cause litter to be pushed in front of the machine. The Poultry Housekeeper operates best at a depth of 3-4 inches. If litter or cake is deeper than four inches it is recommended that two passes be made through the house to clean or sift the litter. In excessive cake the ground speed may be reduced to help sift the total cake in a single pass. Higher gears may be used when sifting where the litter does not exceeded 3-4 inches and where cake is light.

Speeds of the drive components are very important to the performance of the Poultry Housekeeper. PTO speeds in the 500-540 ranges should be maintained at all times during operation.

The ability to shake the loading conveyor while sifting the litter is what makes the Lewis Poultry Housekeeper work so well. Shaking makes the separation process work by allowing the smaller particles to pass through the screens while the larger “cakes” are tumbled for a short time before being carried into the body. The gentle lifting and shaking process keeps wet litter and feathers from passing through the screens.

Setting and maintaining the proper blade depth is important for maximum performance. To properly set the depth, slowly lower the front of the Poultry Housekeeper into the litter with your tractor. Lift until the desired depth is reached. It may take some time to become accustomed to how deep the blade is running. By observing the blade and loading cylinder during operation, proper depth can be determined for the given conditions. In houses where uniform amounts of material will be removed, set the stops on the tractor lift. This will provide consistent blade depth each time the machined is raised or lowered.

The body loads from front to rear, and although it is sometimes difficult to see the rear of the machine because of the dust, the operator will know the body is full when the leveling bars begin to kick litter into the air. When this occurs, move the control valve handle to disengage the conveyor. The load is now ready to be transported to the dump location. Once the material has been dumped, the operator should actuate the control lever to return the body to the horizontal position. Pulling forward will help prevent any loose material from obstructing smooth operation of the tailgate. The operator should be certain that the body has returned fully forward before attempting to load again.

Observe all safety precautions while dumping. 

Never actuate the dump unit while on an incline. Be sure to return the body to the horizontal position after dumping and before moving forward.

TURKEY OPERATIONS

When the Lewis Poultry Housekeeper is used in very heavy turkey cake, it may become necessary to slow the ground speed to 1/2 MPH. This works best because it is very difficult to cut through turkey litter due to the very large feathers present. Additionally, feathers may wrap around the blade and loading cylinder, causing litter to be pushed ahead of the machine. The following procedure must be followed to properly remove the feathers from the loading blade.

1. Stop the tractor.
2. Disengage control valve.
3. Back the tractor up with the head in the down position.
4. Stop the tractor.
5. Engage control valve to loading position.
6. Start tractor in a forward motion again.
7. All feathers are wiped from the loading blade and are then loaded into the body.

Since the blade is as wide as the tire track, the operator can start from the walls and work towards the center of the house. The floor is left smooth and ridge free.

TOWING AND TRANSPORTING

A tractor of sufficient weight and power is required to both pull and control a Lewis Brothers Housekeeper over the terrain in the given area of operation. A tractor with a minimum of 40 PTO hp is required for proper operation of the Dump Body Housekeeper. In order to have full control, your tractor must be able to maintain traction under all turf or surface conditions. Additional weights may be required to the front of the tractor to avoid unstable towing conditions.

If it becomes necessary to tow the Poultry Housekeeper behind a truck for extended distances the following is recommended. Secure the hydraulic pump with the torque bar chain on the tongue.(See figure 2A) Tie up all hoses to prevent them from dragging or becoming damaged. Tongue weight for towing is approximately 1350 lbs. The truck used for towing must be heavy enough to pull the Housekeeper, but more importantly must be equipped to safely stop under the additional load. Towing speed should not exceed 25 mph.

The hitch height must provide a clearance of five to six inches below the blade of the Housekeeper after the Housekeeper has been attached to the towing vehicle.

Maximum caution should be maintained at all times when transporting the Lewis Housekeeper.

Figure 2A

STORAGE

STORAGE

After each use, the Poultry Housekeeper should be washed down thoroughly removing all litter, inside and out. After washing, treating with a disinfectant is recommended in order to kill any remaining bacteria. The next step is treating the machine with soluble oil to protect it from rust and corrosion. One product that meets these requirements is called LPS#3. You may find this or other similar products at your Lewis Poultry Housekeeper Dealer, tractor dealerships or farm supply stores. It is important to remember that all chains must be properly lubricated before and after each use and especially before storage.

When washing the Housekeeper, never allow a high pressure water stream to come in contact with bearings or idler seals. Water can be forced into the bearing and will cause premature failure.

Check all safety decals and make any necessary replacements. Decals may be obtained from your Lewis Dealer.

MAINTENANCE

MAINTENANCE

CHAIN ADJUSTMENTS

Periodical adjustments may be necessary to the conveyor chains, drive chains and leveling assembly chains.

With the operator in front of the Housekeeper and facing towards the machine, the **loading cylinder drive chain** will be located on the right side of the machine. As it wears and stretches from use, the idler sprocket should be adjusted to remove any slack. Proper tension on the chain should allow for approximately 1 inch of movement in the tightness of chain. (See figure 3)

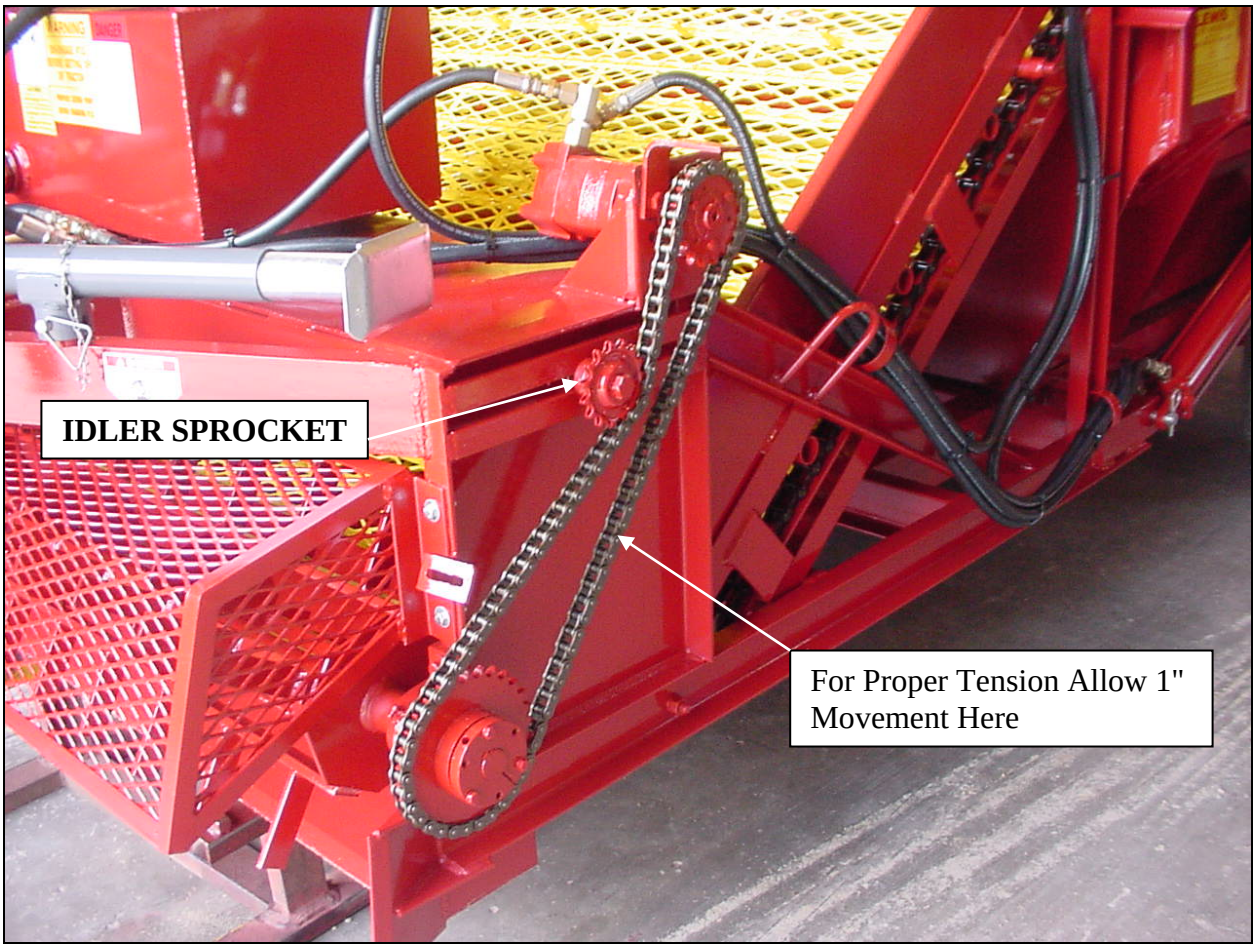


Figure 3

The **loading conveyor chain** will also need adjusting as it wears. To adjust the tension on the chain, loosen all bolts on the base of the upper loading shaft bearing. Next, tighten the adjustment nut on the adjustment rod located at the top of the assembly. Be sure to adjust both sides of the assembly equally before securing the bolts. (See figure 4)

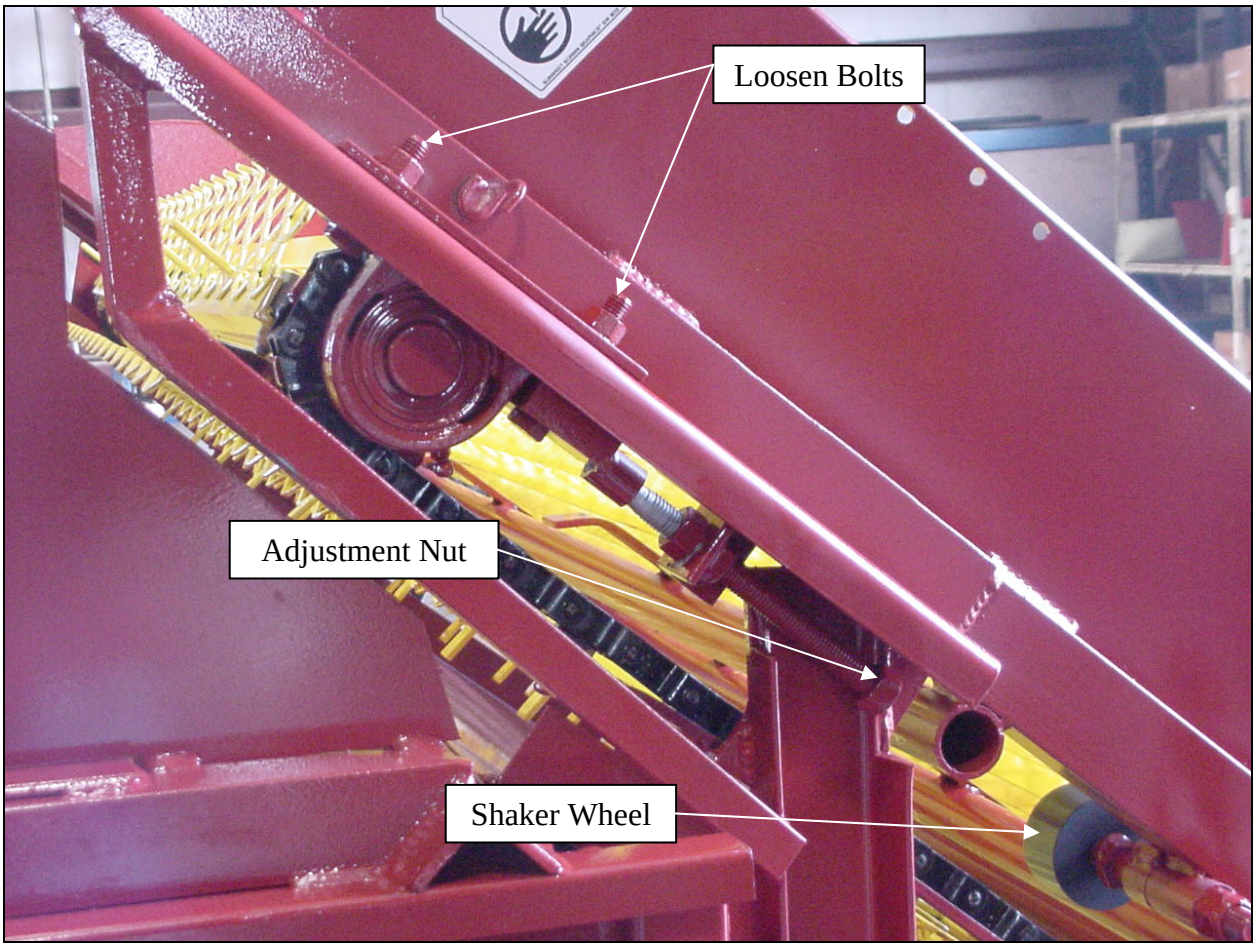


Figure 4

Proper tensioning of this chain should allow you to lift the chain off the side runners between 1-1\2 to 2 inches. (See Figure 4a) When the chain stretches far enough that it cannot be tightened, you must remove two links and one bar and reconnect the chain. Do this by grinding out selected link pins. Reassemble the chain by using an attaching link. Be sure to remove and replace any damaged bars or worn chain links. When adjusting the tension on the leveling chain, there should be contact between the chain and the lower runner with the chain slightly rising off the lower runner at the rear of the machine. (See Figure 4b)

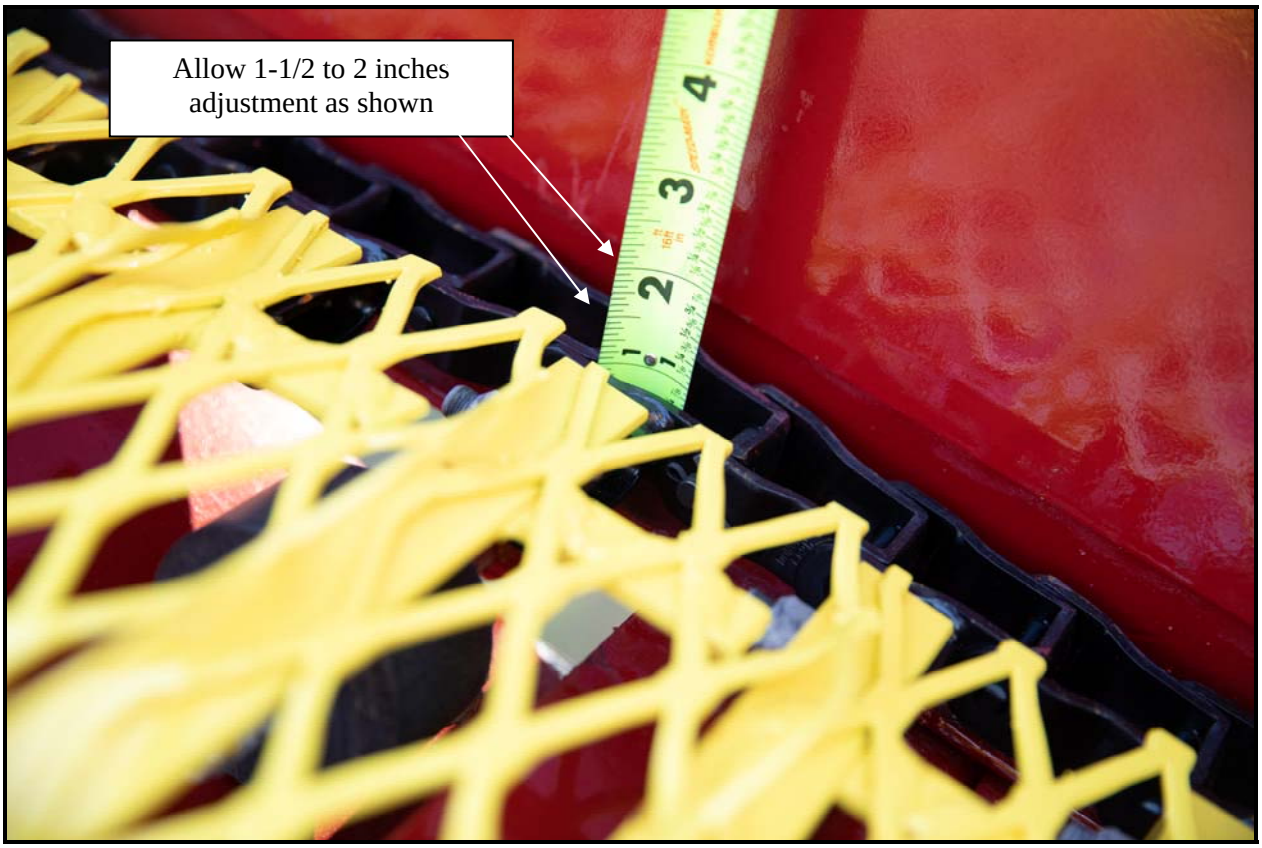


Figure 4a

Figure 4b

The **leveling chain assembly** is adjusted from the rear of the assembly. Begin by loosening the jam nut located on the adjustment rod. Next, loosen the bearing flange bolts and turn the adjustment rod to achieve the proper tension. Special care should be taken to adjust both sides of the assembly in equal amounts. Adjusting one side more than the other will cause misalignment of the assembly and damage the assembly. (See Figure 5)

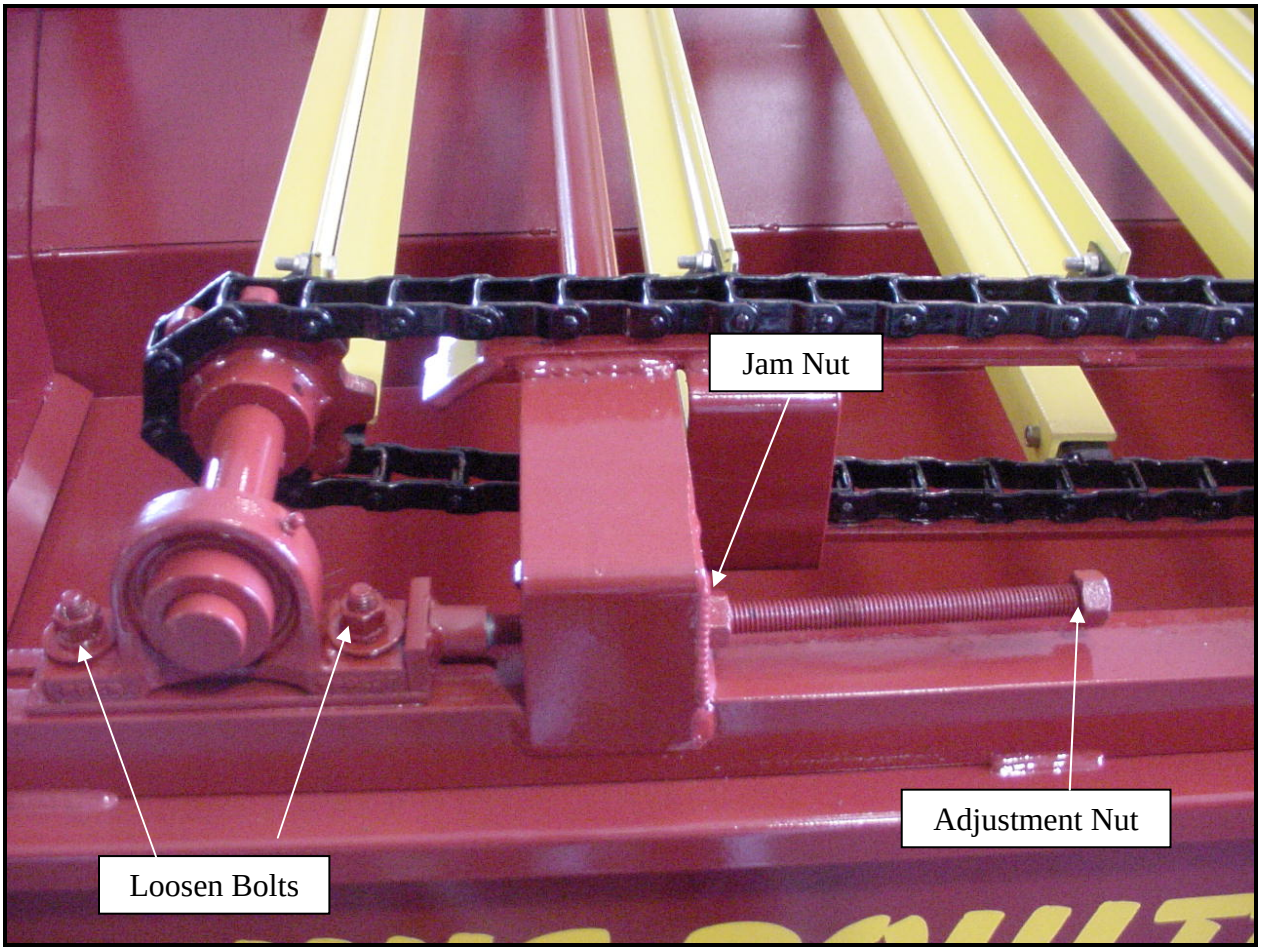


Figure 5

The loading conveyor drive chain should be checked often and any loose slack should be adjusted out before operation. This can be done by first removing the protective guard and loosening the three bolts that secure the hydraulic motor and shaft assembly. (See figure 6) Once the bolts have been loosened, slide the Motor Mount Assembly down-ward to set the proper tension on the Drive Chain, and then lower Chain Idler against the Drive chain. Be careful not to over-tighten the chain as excess tension may cause damage to the loading motor assembly.

After prolonged use, it may be necessary to remove a half link in order to take up slack due to stretching or wear. Follow the same steps as mentioned above once the half link has been removed.

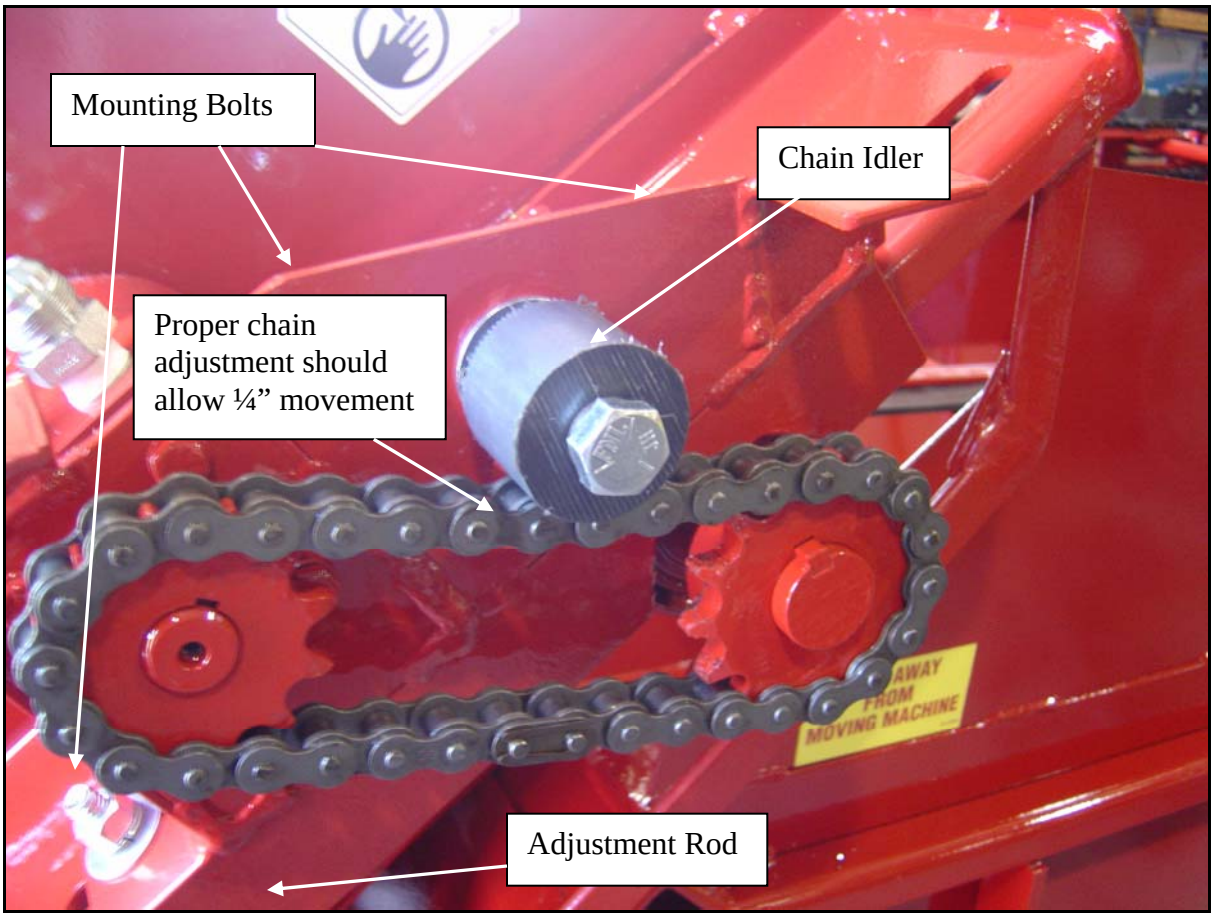


Figure 6

The leveling assembly drive chain should also be checked regularly and adjusted as needed. After removing the guard, locate and loosen the leveling shaft assembly bolts. (See figure 7) Use the adjustment rod to set the proper tension on the drive chain taking care not to over-tighten. Once the proper adjustment has been made re-tighten the assembly bolts and re-install the guard.

ATTENTION: Be sure to keep all drive chains well lubricated and free of obstructions to insure proper operation.

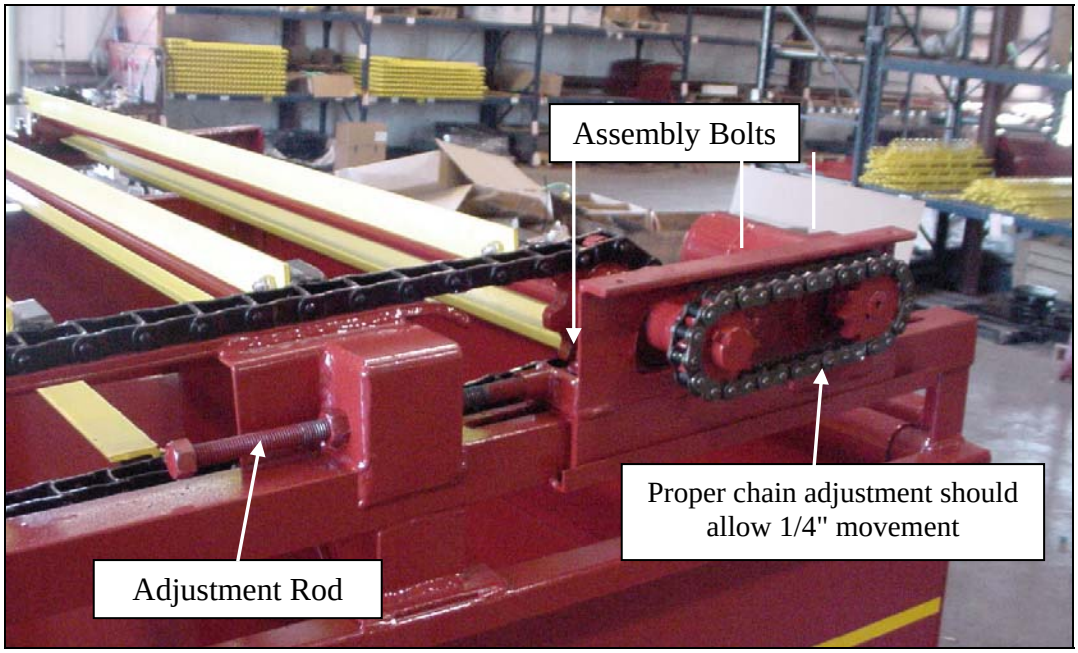


Figure 7

LUBRICATION

HYDRAULIC FLUID

The hydraulic fluid is a vital component of the system. Low levels may cause overheating and damage to hydraulic components. The hydraulic system holds approximately twenty (20) gallons. With the machine on level ground, the oil level in the tank should come to within four inches of the top of the tank. If it becomes necessary to add hydraulic fluid, use petroleum based anti-wear hydraulic oil with ISO 68 viscosity grade AW 68. Oil temperature should not exceed 180 degrees Fahrenheit.

⚠ CAUTION Always look for hydraulic leaks with the tractor's engine off. Wear hand and eye protection. Use cardboard or wood instead of your hands to search for a leak's source.

Grease all chains and bearings before and after each use. Change the oil filter every six (6) to twelve (12) months depending on usage.

DUMP HINGE

The rear hinge assembly of the Dump Body must be lubricated after each use to avoid possible freeze up. There are two (2) grease fittings located on either side at the lower rear of the body frame. Grease all four (4) locations using high temperature grease. Failure to keep this area well lubricated could result in damage to the machine and personal injury. (See figure 8)

Figure 8

TIRES

Check tire pressure on a regular basis. Adjust the pressure not to exceed 50 PSI.

REPAIRS

Check for worn or damaged components. Order needed parts from your Lewis Dealer. Make all repairs as early as possible to avoid additional expense. Prolonged use of worn or damaged parts may result in premature failure of other components.

DECALS

DB-400059

HK-100908

HK-101669

HK-100918

HK-100906

DB-400138

HK-100907

HK-100919

DB-400058

HK-100916

HK-100899

HK-100912

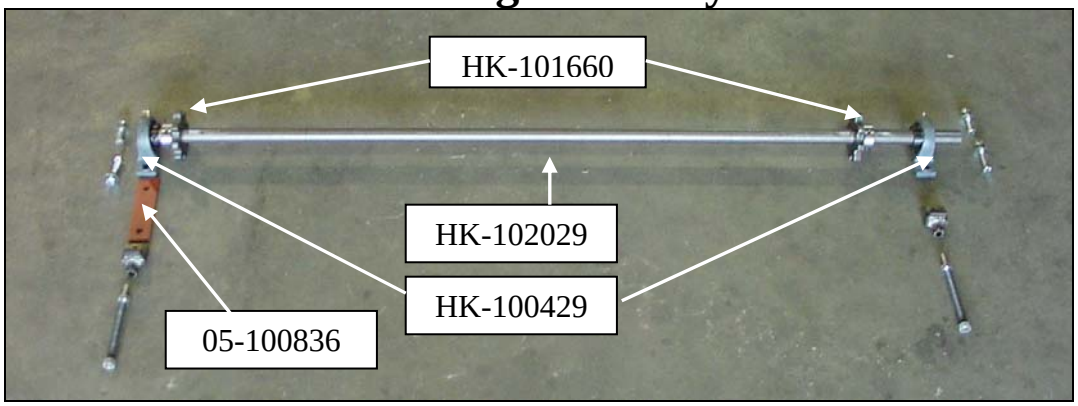
HK-100913

HK-100910

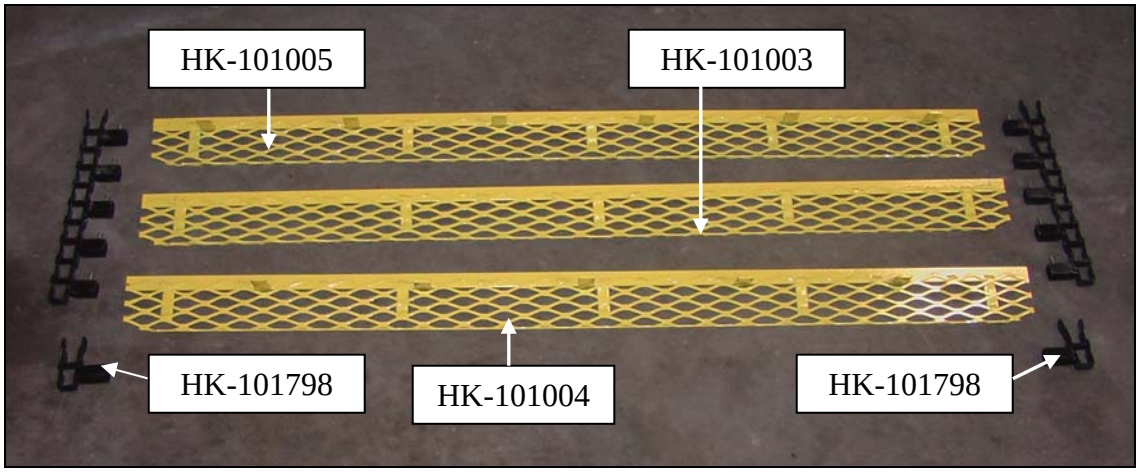
HK-100911

PARTS

Loading Assembly

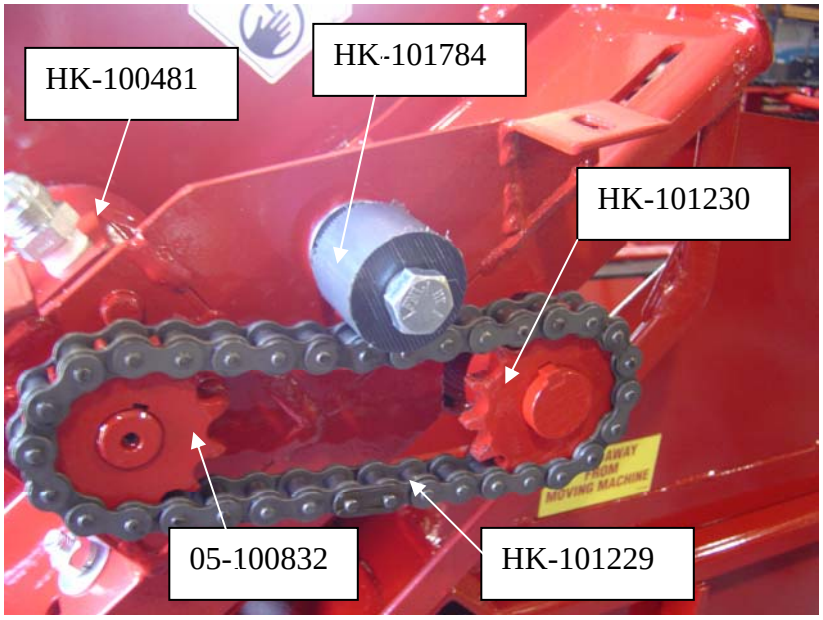


05-100830	**Loading Conveyor Shaft Assembly**	
HK-102029	Shaft, Top Loading	
HK-100426	Sprocket	(up to serial # 5467)
HK-101660	Sprocket Top Load w/ Angular Ring	(after serial # 5466)
HK-100429	Bearing	
HK-100496	Key, 5/16 Square X 2-1/2”	
05-100836	Slide, Leveling Conveyor	



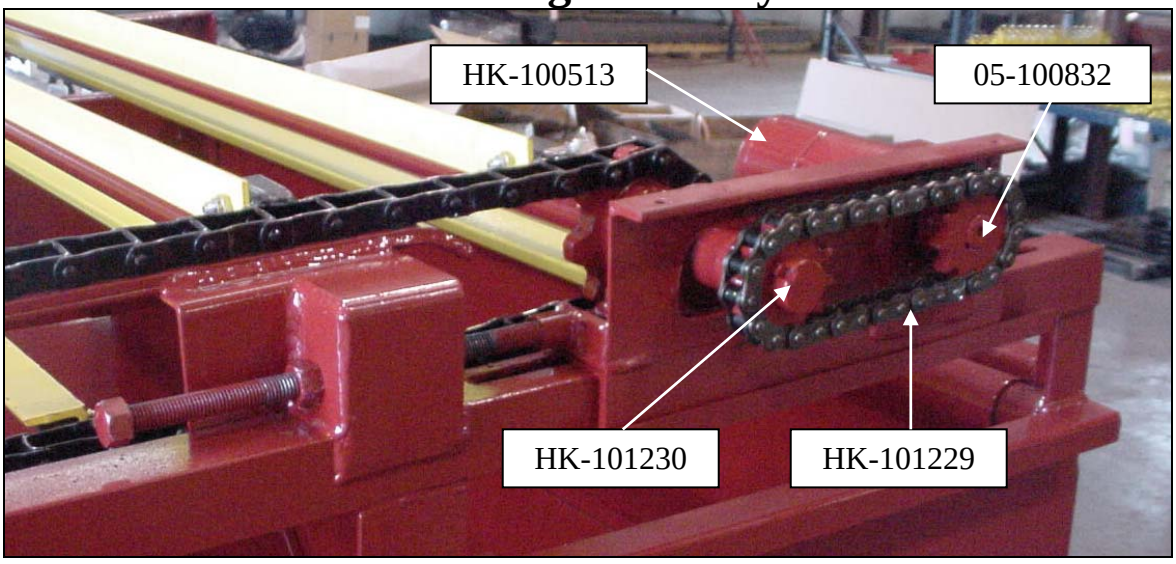
Part #	Description	Quantity
HK-101802	**Loading Chain Comp. w/ Bolts (serial# 6586 & up)**	**1**
HK-101006	**1” Shaker Bar Kit Complete**	**1**
HK-101003	1” Mesh Shaker Bar (No Peg)	22
HK-101004	1” Mesh Shaker Bar (5 Peg)	11
HK-101005	1” Mesh Shaker Bar (6 Peg)	11
HK-101013	**1-1/2” Shaker Bar Kit Complete**	**1**
HK-101001	1-1/2” Mesh Shaker Bar (No Peg) (not shown)	22
HK-101268	1-1/2” Mesh Shaker Bar (5 Peg) (not shown)	11
HK-101269	1-1/2” Mesh Shaker Bar (6 Peg) (not shown)	11
HK-101798	Bar Attachment Link Right Hand & Left Hand	Repair Item
HK-101531	**Solid Bar Kit Complete (44 bars) (not shown)**	**1**
HK-101548	Solid Bar (not shown)	44

Loading Assembly



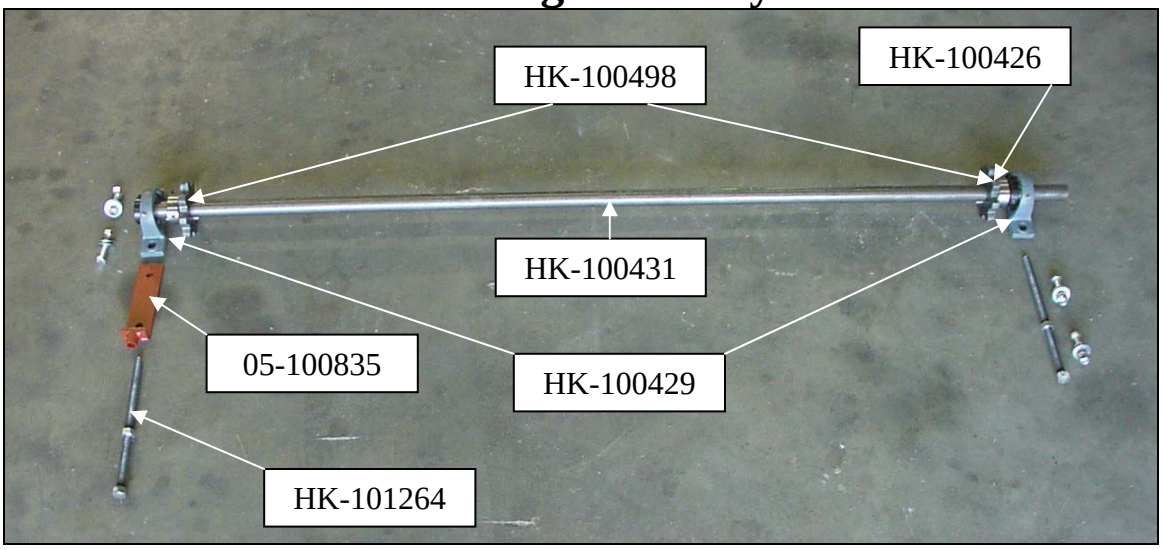
HK-101229	Chain Drive Top Loading
HK-101230	Sprocket Loading
05-100832	Sprocket Top Loading
HK-100481	Top Loading Motor
HK-101784	Loading Motor Idler Kit
HK-101783	Loading Motor Idler Wheel

Leveling Assembly

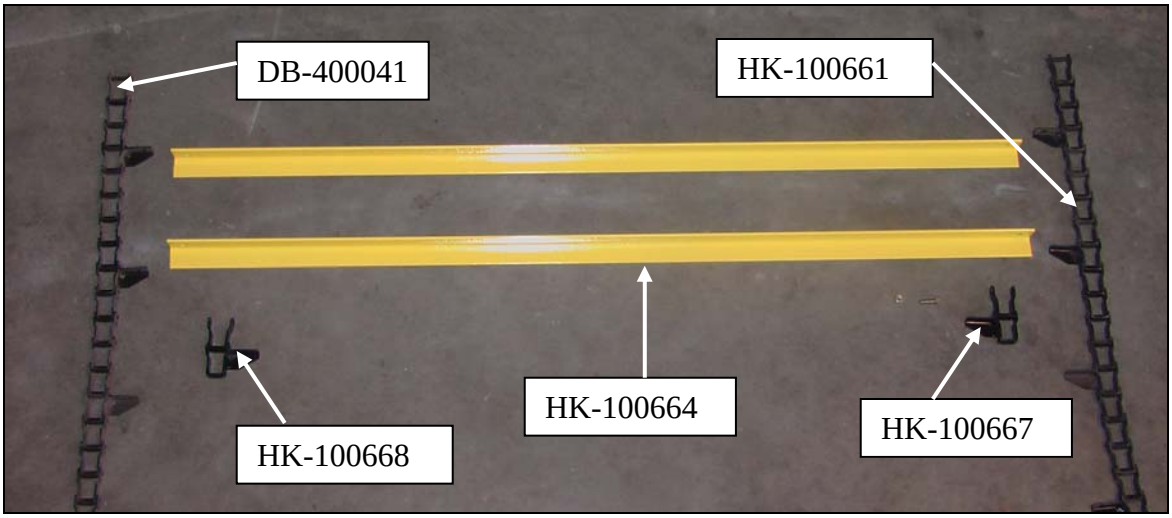


HK-101229	Chain Drive Leveling
HK-101230	Sprocket Leveling
05-100832	Sprocket Top Loading & Leveling
HK-100513	Leveling Motor

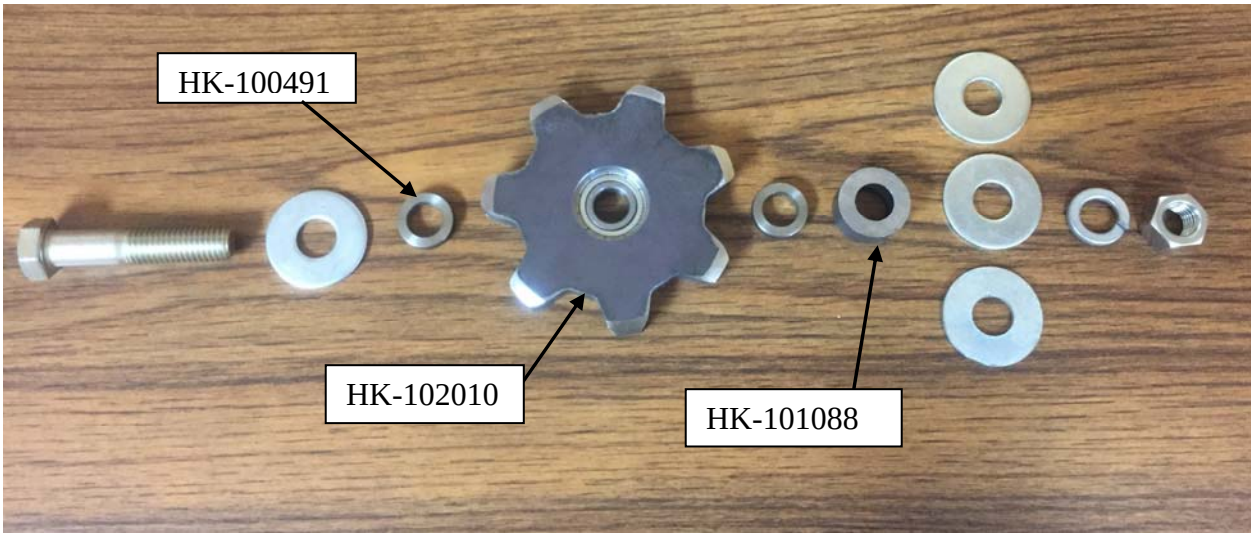
Leveling Assembly



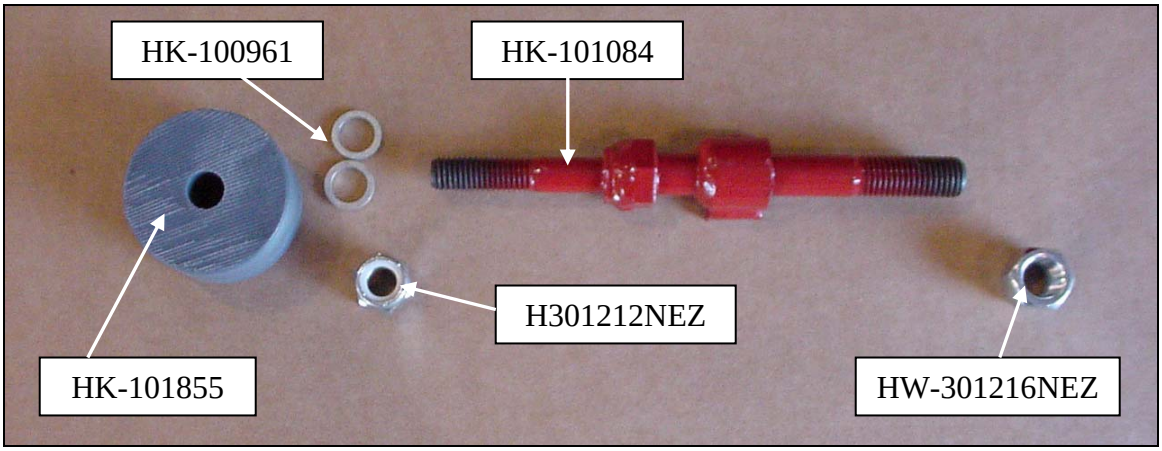
DB-400093	**Leveling Shaft Assembly**
HK-100431	Shaft
HK-100426	Sprocket
HK-100429	Bearing
HK-100498	Key 5/16 Square X 2-1/2”
05-100835	Adjustment Rod Assembly
HK-101264	Tensioning Rod Assembly



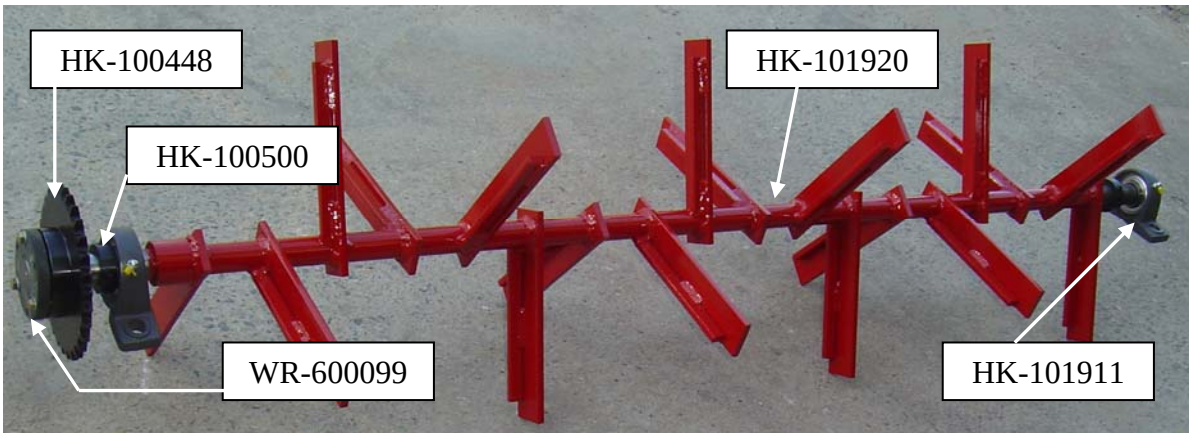
DB-400041	Leveling Chain	(Both Sides)
HK-100664	Leveling Bar Angle	
HW-301203L9	Nut	
HW-203104L9YZ	Bolt	
HK-100668	Left Hand Bar Attachment Link (Leveling)	(Repair Item)
HK-100667	Right Hand Bar Attachment Link (Leveling)	(Repair Item)
HK-100661	Connecting Link	(Repair Item)



HK-101544	**Bolt Idler Assembly**
HK-100491	Spacer
HK-102010	Idler
HK-101088	Spacer, Idler Leveling Chain

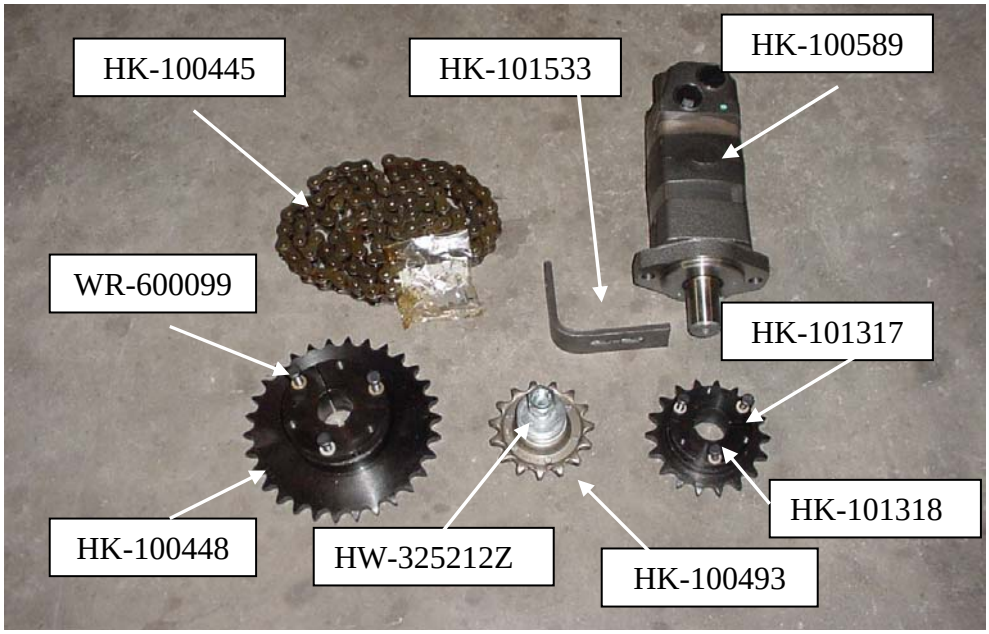


HK-101549	**Shaker Wheel Assembly**
HK-100961	Shim-Space
HW-301212NEZ	Locknut, Hex 5/8-11NC, ZP Nylon
HW-301216NEZ	Locknut, Hex ¾-10NC, ZP
HK-101855	Black Shaker Wheel, Nylon
HK-101084	Shaft Weldment, Shaker Wheel



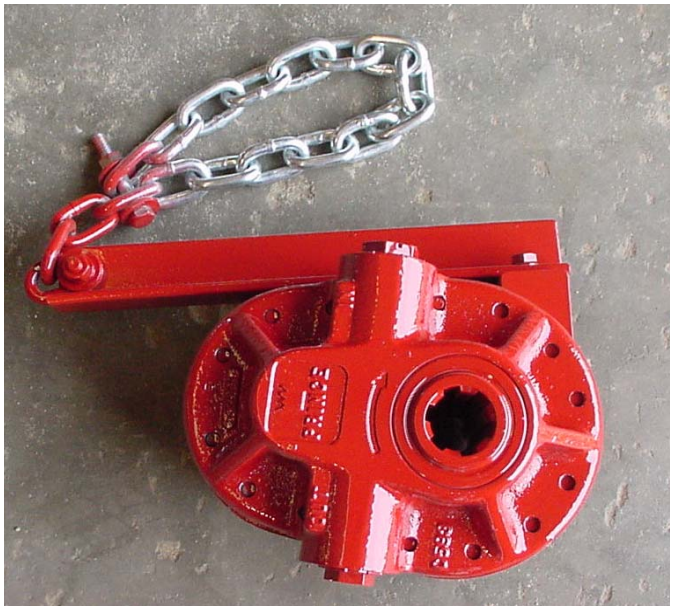
Cylinder Reel Assembly (HK-101910)

HK-101911	Bearing
HK-100448	Sprocket
WR-600099	Bushing
HK-100500	Key 3/8 Square X 2-1/2”
HK-101920	Cylinder

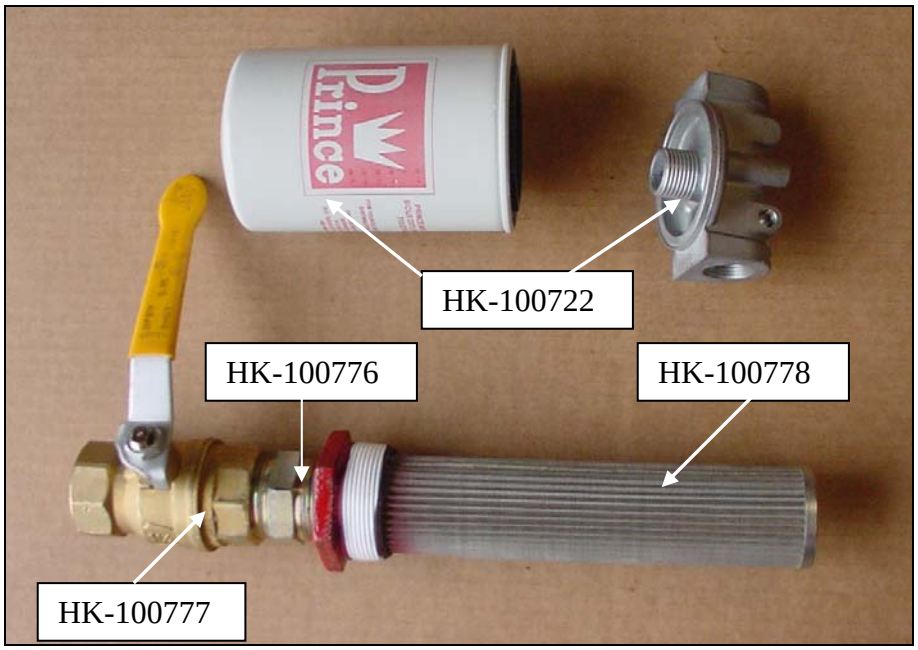


Cylinder Motor & Parts

HK-100445	Chain, #60 Roller, 95 Pitches	
HK-101533	Guard Mount	
HK-100589	Cylinder Motor	
HK-101317	Sprocket, 60 SDS 18H	
HK-101318	Taper Bushing	
HK-100493	Idler	
HW-325212Z	5/8, USS, Flat Washer, ZP	
HK-100448	Sprocket	
WR-600099	Bushing	
HK-101270	Connecting Link	(not shown)
HK-101320	Offset Link	(not shown)



HK-101330	PTO Pump Kit
HK-100719	Pump
HK-101049	Torque Arm
HK-101261	Chain, 18 Links



Part Number	Description	Quantity
HK-100722	Filter Assembly	1
HK-100721	Filter Replacement	1
HK-100776	Nipple 1-1/4 X 1-1/4	1
HK-100777	Ball Valve	1
HK-100778	Strainer	1

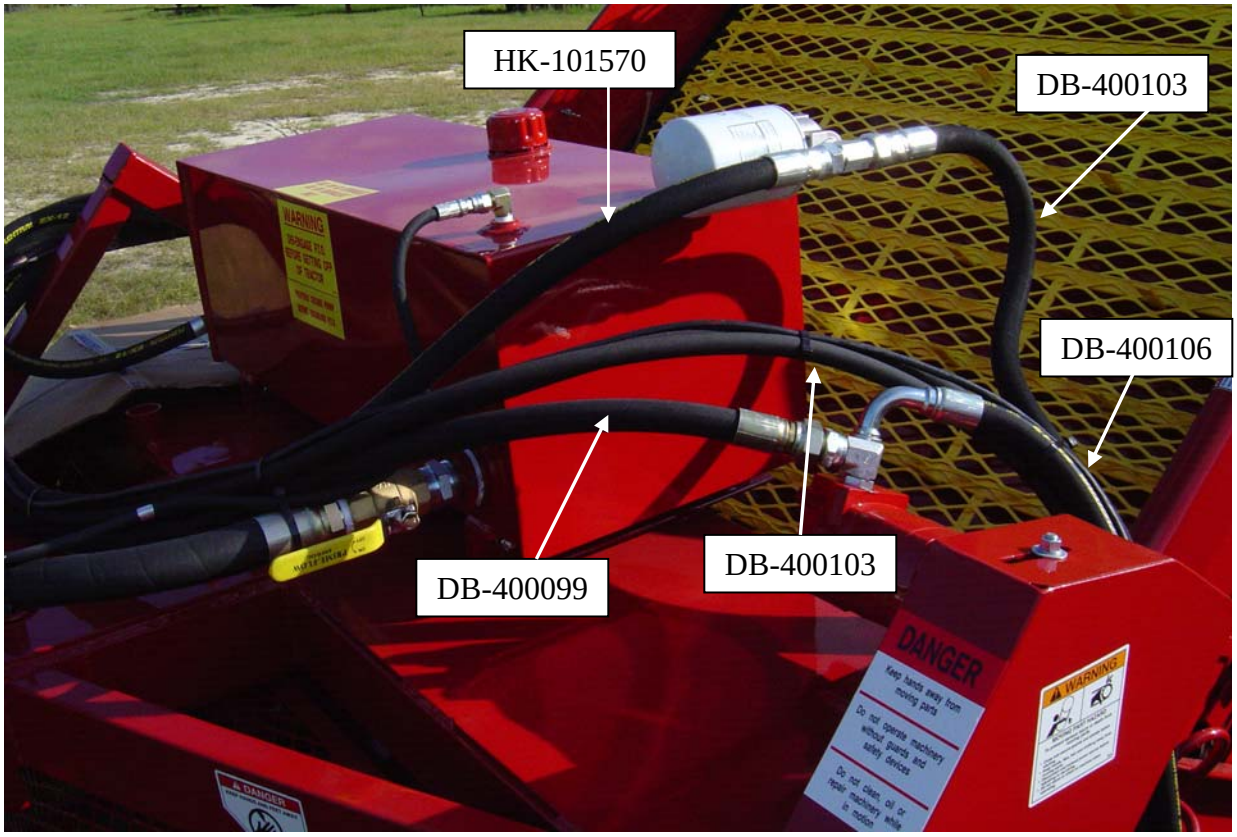
Fittings and Adapters

1	HK-100968	6901-16-20	**13**	HK-101667	5604-12-12-12
2	HK-101578	6801-12-12	**14**	HK-101634	2602-12-12-12
3	HK-101630	6801-08-12	**15**	HK-100976	5605-08-08-08
4	HK-101633	6809-12-12	**16**	HK-100772	5404-12-12
5	HK-101579	6901-08-12	**17**	DB-400114	6408-12
6	HK-101581	6400-08-10	**18**	HK-100774	5406-12-08
7	HK-100969	6901-12-12	**19**	HK-100965	Quick Coupler
8	HK-100971	1501-08-08	**20**	HK-100970	6901-08-08
9	HK-101657	6902-08-08	**21**	HK-100963	5404-08-08
10	HK-101445	1503-08-08	**22**	HK-101635	5406-12-04
11	HK-100776	5404-20-20	**23**	HK-100974	6405-08-08
12	DB-400112	2404-08-08	**24**	HK-100993	Plug, Quick Connect

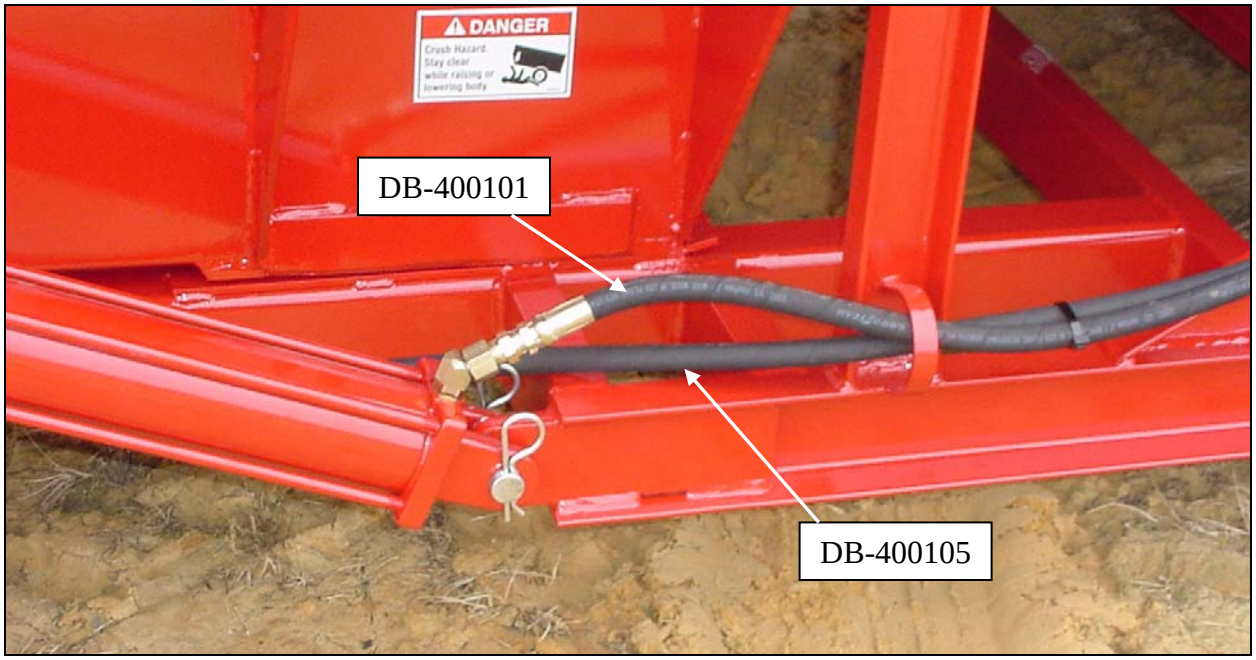
Hose Assemblies

HK-101563	12SN-12MS-12FJ-72"
DB-200012	12SN-12MS-12FJ-96"
DB-400099	8R1-8MS-8FJ-126"
DB-400101	8R1-8MS-8MS-98"
DB-400102	8R1-8MS-8MS-192"
DB-400103	8R1-8MS-8MS-228"
DB-400104	8R1-8MS-8FJ-91"
DB-400105	8R1-8MS-8MS-136"
DB-400106	8R1-8FJ90°-8FJ90°-98"
HK-100980	20R4-20MP-20MP-108"

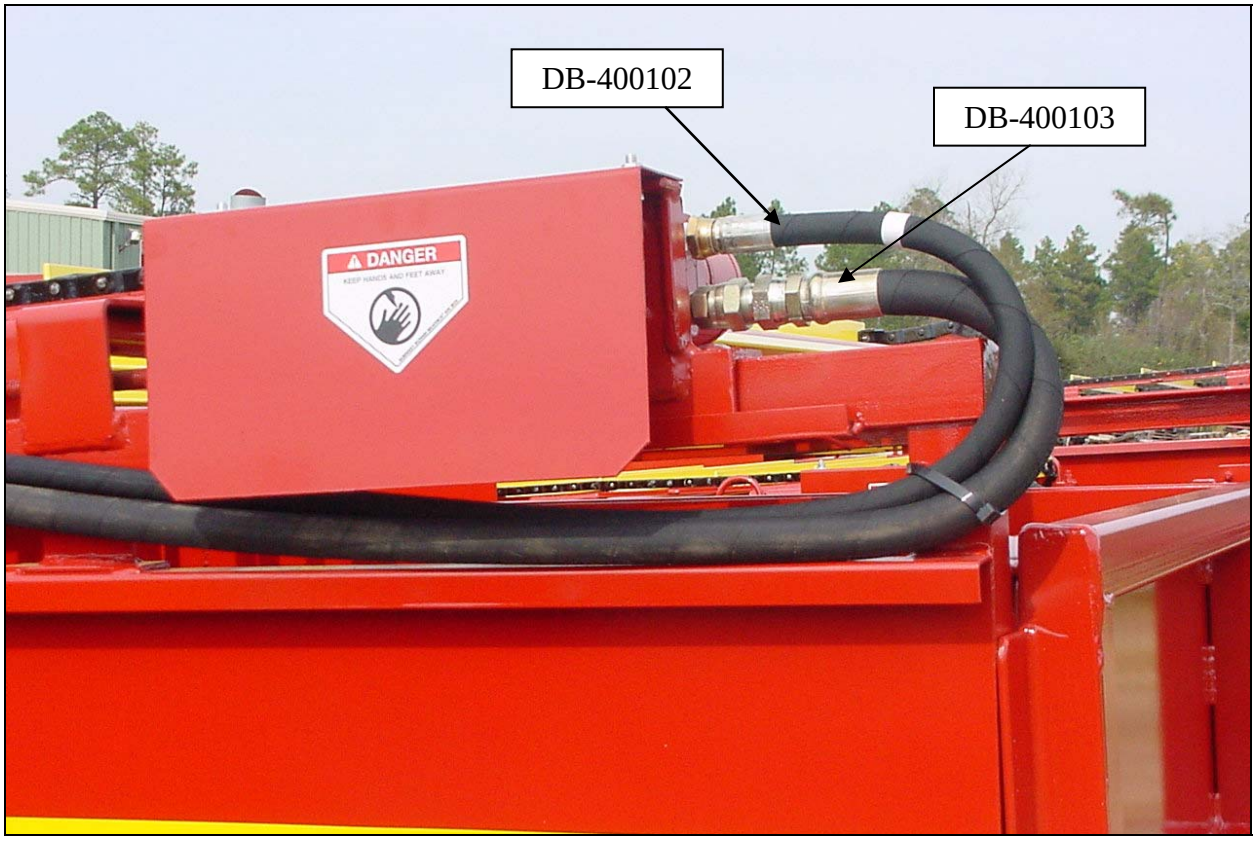
Loading Motor Hose Assembly



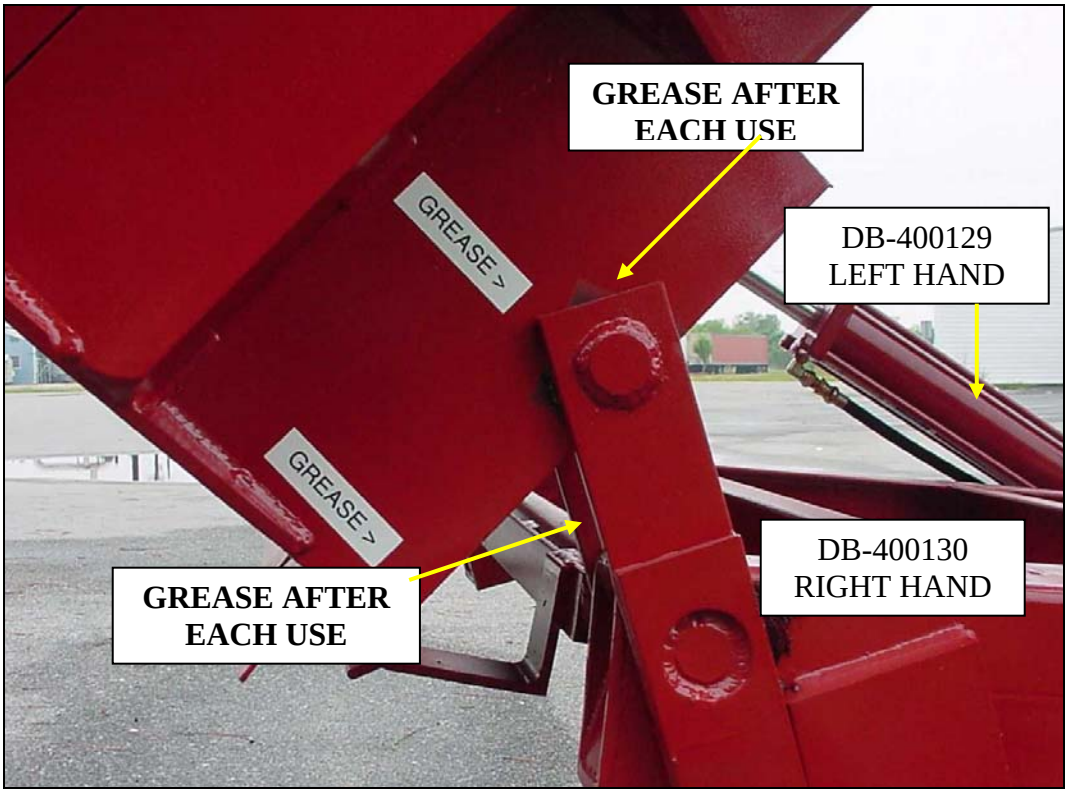
Loading Motor Hose Assembly

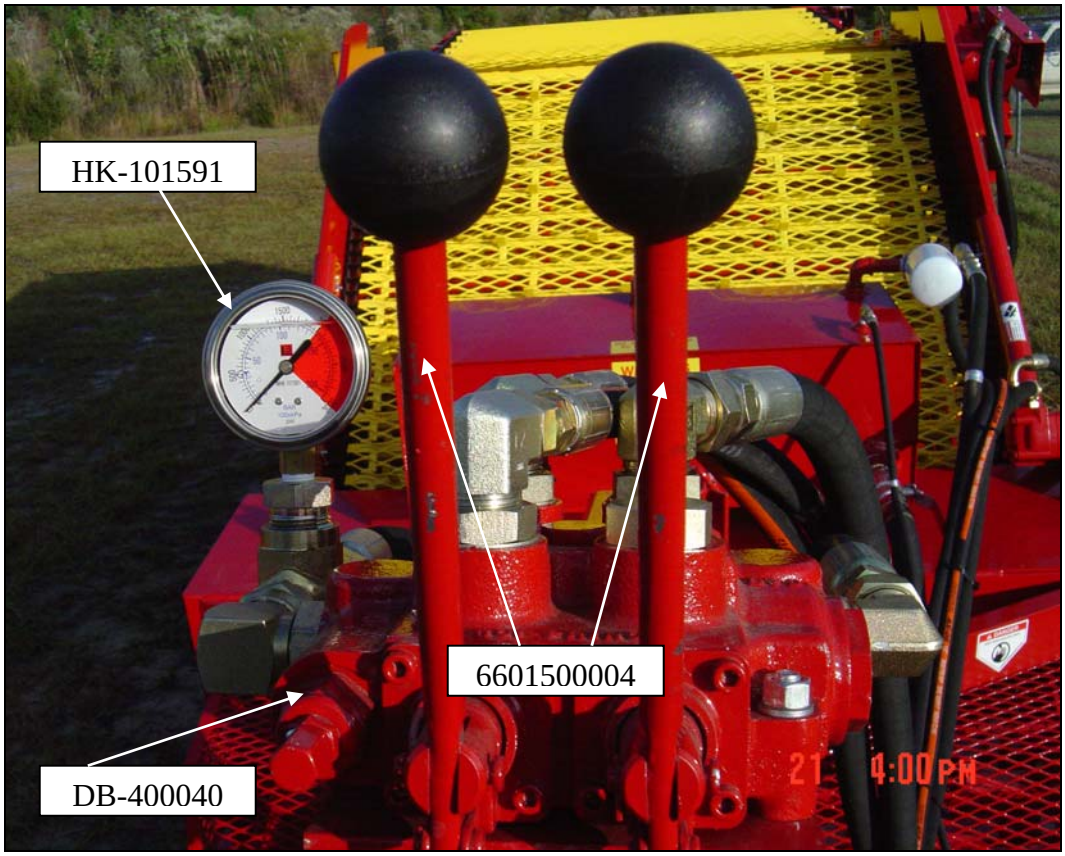


Loading Motor Hose Assembly

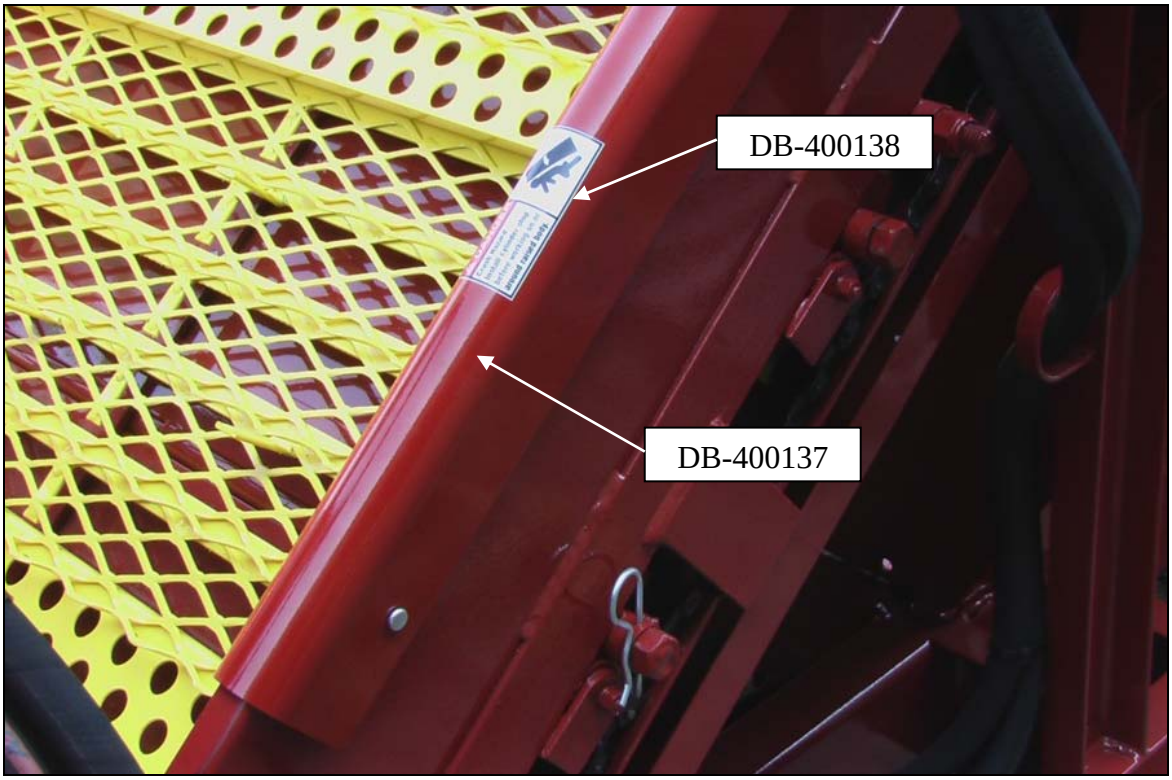


Leveling Motor Hose Assembly


GREASE AFTER EACH USE
GREASE >
DB-400129 LEFT HAND
GREASE >
DB-400130 RIGHT HAND
GREASE AFTER EACH USE


HK-101591
6601500004
DB-400040
21 4:00 PM

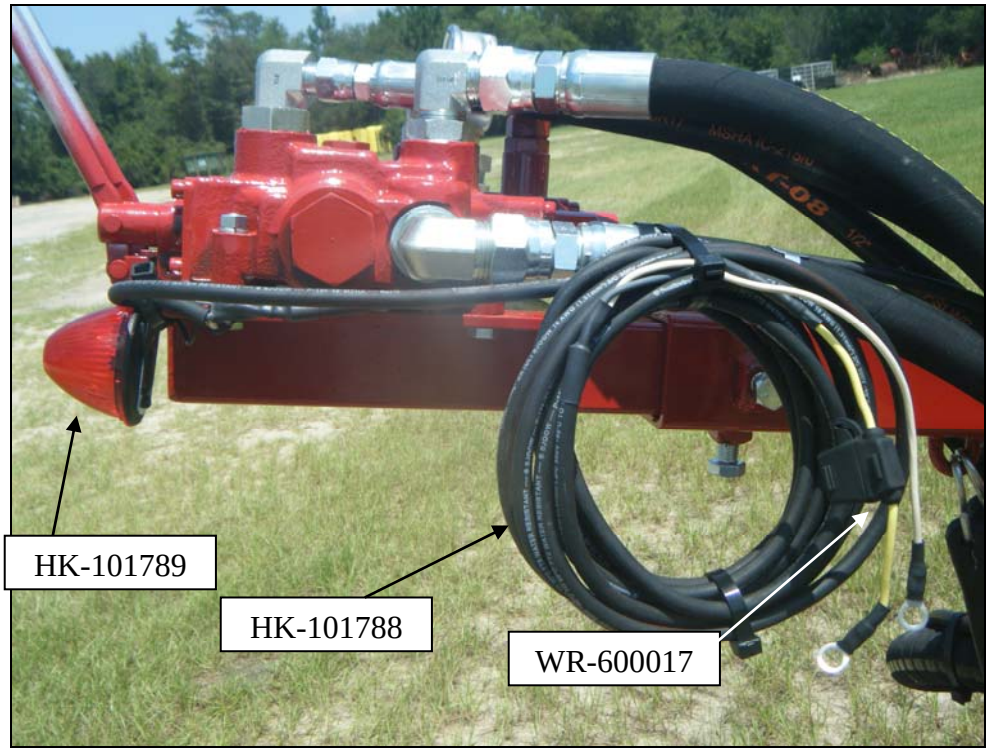
Cylinder Stop



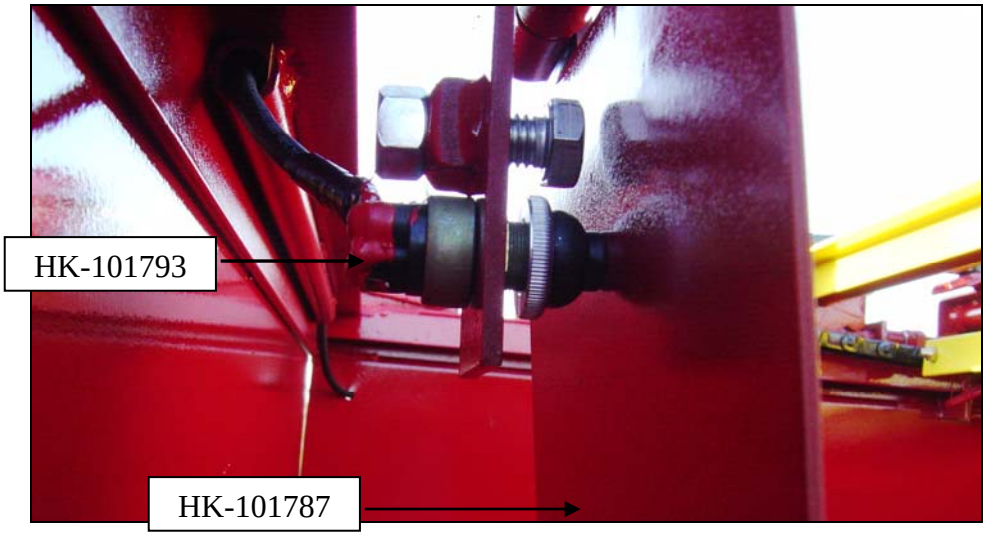
DANGER

To prevent serious injury or death from crushing; install cylinder stop before working on or around raised body. Return stop to storage position when not in use.

Full Load Indicator Kit

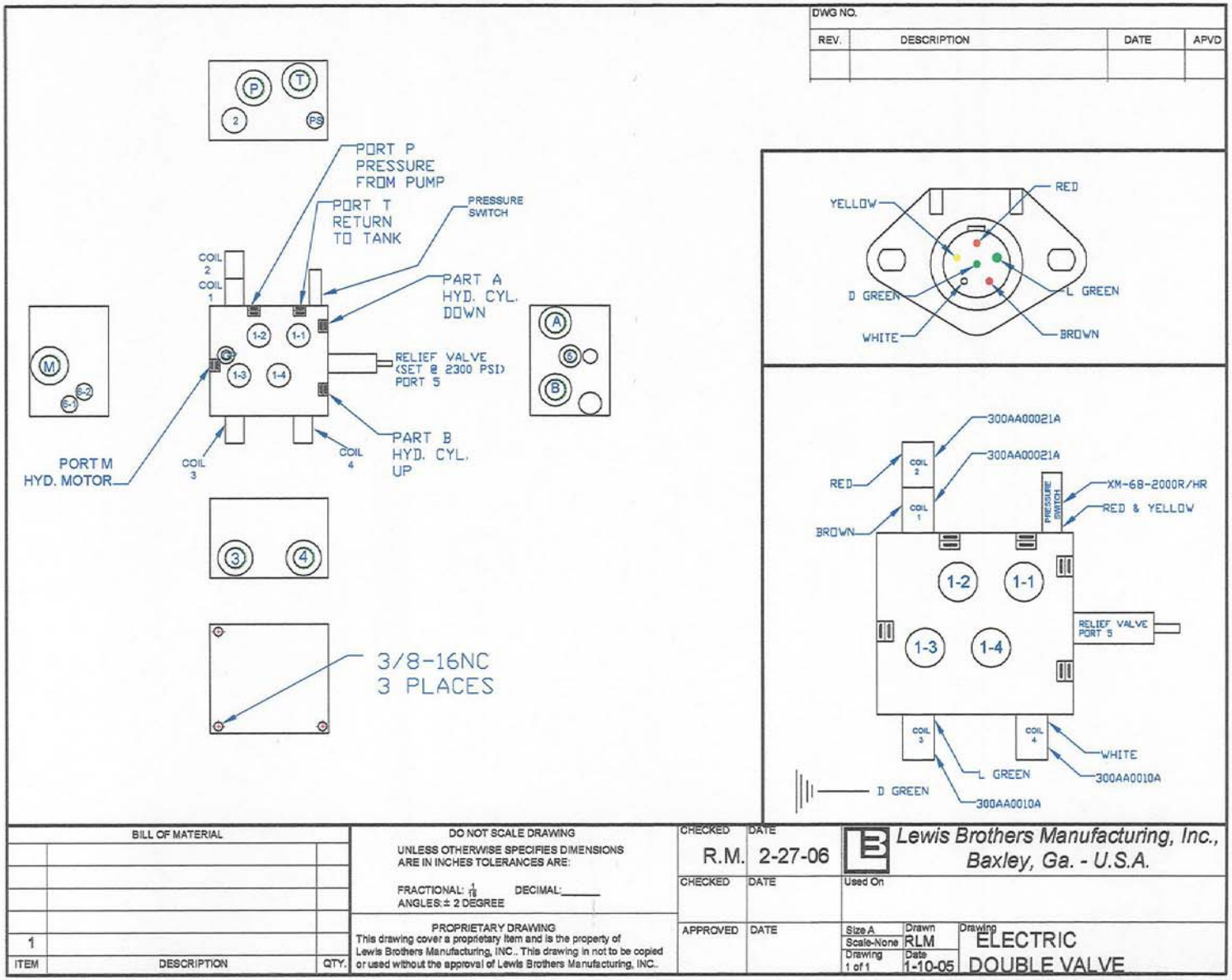


Part Number	Description
HK-101794	**Full Load Indicator Kit**
HK-101791	Insulated Ring Terminals
HK-101788	Electrical Cable 16/2 sjow Type
HK-101793	Momentary Push Button Switch
Hk-101789	Light
HK-101792	Non Strip Splicer
WR-600017	Fuse Holder
HW-208108SS	Bolt, HH, ½-13NC x 1-1/2” LG 18-8 Stainless Steel
HW-300208ZG5	Nut, Hex, ½-13NC Zinc Plated, Gr5
HK-101787	**Switch Activator Weldment**



Optional

Electric Double Spool Valve Kit DB-400145


DWG NO.
REV.
DESCRIPTION
DATE
APVD
PORT P
PRESSURE
FROM PUMP
PORT T
RETURN
TO TANK
PRESSURE
SWITCH
COIL
2
COIL
1
PART A
HYD. CYL.
DOWN
RELIEF VALVE
(SET @ 2300 PSI)
PORT 5
PART B
HYD. CYL.
UP
PORT M
HYD. MOTOR
COIL
3
COIL
4
3/8-16NC
3 PLACES
YELLOW
RED
D GREEN
L GREEN
WHITE
BROWN
300AA00021A
300AA00021A
RED
BROWN
XM-68-2000R/HR
RED & YELLOW
PRESSURE SWITCH
RELIEF VALVE
PORT 5
WHITE
L GREEN
300AA0010A
D GREEN
300AA0010A
BILL OF MATERIAL
ITEM
DESCRIPTION
QTY.
1
DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIES DIMENSIONS
ARE IN INCHES TOLERANCES ARE:
FRACTIONAL: 1/16
DECIMAL:
ANGLES: ± 2 DEGREE
PROPRIETARY DRAWING
This drawing cover a proprietary item and is the property of
Lewis Brothers Manufacturing, INC.. This drawing in not to be copied
or used without the approval of Lewis Brothers Manufacturing, INC..
CHECKED
DATE
R.M.
2-27-06
CHECKED
DATE
APPROVED
DATE
Lewis Brothers Manufacturing, Inc.,
Baxley, Ga. - U.S.A.
Used On
Size A
Scale-None
Drawing
1 of 1
Drawn
RLM
Date
1-10-05
Drawing
ELECTRIC
DOUBLE VALVE

Electrical Schematic