HAYBUSTER®

256 Plus II™

BALEBUSTER™

SERIAL NUMBER FI2743 to JJ5016

OPERATORS MANUAL AND PARTS BOOK

PO Box 1940, Jamestown, ND 58402-1940

NO. 0500035
Dec-2004

WARRANTY STATEMENT

DuraTech Industries (DuraTech Industries International, Inc.) warrants to its' authorized Haybuster dealer, who in turn warrants to the original purchaser for twelve (12) months from the purchase date. DuraTech Industries warrants that this Haybuster Product will be free from defects in material and workmanship when used as intended, under normal maintenance and operating conditions. This warranty is limited to the replacement of any defective part or parts returned to our factory in Jamestown, North Dakota, USA within thirty (30) days of failure.

This warranty shall become void if in the judgement of DuraTech Industries the machine has been subject to misuse, negligence, alterations, damaged by accident, lack of required normal maintenance, or if the product has been used for a purpose for which it was not designed.

All claims for warranty must be submitted through the dealer who originally sold the product and all warranty adjustments must be made through same.

This warranty does not apply to engines, clutches, batteries, tires, bearings, or any other trade accessories not manufactured by DuraTech Industries. The buyer must rely solely on the existing warranty, if any, of these respective manufacturers.

DuraTech Industries reserves the right to make changes in material and/or designs of this product at any time without notice.

This warranty is void if DuraTech Industries does not receive a valid warranty registration card at its office in Jamestown, North Dakota, USA within 10 days from date of original purchase.

All other warranties made with respect to this product, either expressed or implied, are hereby disclaimed by DuraTech Industries.

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INTRODUCTION

Your model **256 PLUS II™ BALEBUSTER™** is designed to load and shred most types of baled livestock forage. It is designed specifically for use on 6 foot diameter round bales weighing up to 2,000 pounds and 5-1/2 feet in length

To avoid possible damage to the machine and risk of injury to the operator, consult with a DuraTech Industries International, Inc. (DuraTech) representative before attempting to shred materials other than livestock forage.

The BALEBUSTER has multiple uses:

1. Laying windrows in open fields.
2. Filling feed bunks - fenceline, circular etc.
3. Spreading forage for livestock bedding.
4. Spreading forage over perennial plants, such as strawberries, mushrooms, etc.
5. Spreading forage over reclaimed land areas.

PURPOSE

The purpose of this owner's manual is to explain maintenance requirements and routine adjustments for the most efficient operation of your BALEBUSTER. There is also a trouble shooting section that may help in case of any problems in the field. Any information not covered in this manual may be obtained from your dealer.

When reference is made as to front, rear, right hand or left hand of this machine, the reference is always made from standing behind the machine.

SPECIAL NOTE

Please obtain your serial number and write it below for your future reference.

MODEL 256 PLUS II SERIAL NO_____

DEALER'S DELIVERY CHECKLIST

INSTRUCTIONS: Before delivering the machine, check the following items carefully and make corrections when necessary. Place an "X" in the blank after each item has been checked and found to be acceptable.

_____Check machine for shortage or damage in transit.

_____Check for loose bolts or set screws.

_____Check all hydraulics components for leaks or damage.

_____Check lug bolts for tightness.

_____Check tires for proper air pressure

_____Check condition of tire rims.

_____Check machine for proper lubrication.

_____Check all chains for proper adjustment.

_____Check all shields for installation and condition.

_____Check condition of all decals.

_____Check all phases of operation

SAFETY INSTRUCTIONS

The Operator is responsible for his own safety.

The Operator is responsible for the safety of others in the area.

The safety of the operator is of great importance to DuraTech. We have provided decals, shield and other safety features to aid you in using your machine safely. In addition, we ask you to be a careful operator who will properly use and service your DuraTech equipment.

BEFORE ATTEMPTING TO OPERATE THIS MACHINE, CAREFULLY READ ALL INSTRUCTIONS CONTAINED WITHIN THIS MANUAL. ALSO READ THE INSTRUCTION MANUAL PROVIDED WITH YOUR TRACTOR.

WARNING: FAILURE TO COMPLY WITH SAFETY INSTRUCTIONS THAT FOLLOW WITHIN THIS MANUAL COULD RESULT IN SEVERE PERSONAL INJURY OR DEATH.

THIS MACHINE IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS INTENDED AS EXPLAINED IN THE OPERATOR'S MANUAL, ADVERTISING LITERATURE OR OTHER DURATECH WRITTEN MATERIAL PERTAINING TO THE 256 PLUS II BALEBUSTER.

BEFORE OPERATING

1. Read and follow all instructions contained in:
   A. This 256 PLUS II BALEBUSTER Operator's manual
   B. Tractor Operator's manual
   C. Decals placed on the 256 PLUS II BALEBUSTER

   NOTE: Additional copies of the above mentioned materials can be obtained from your dealer.

2. Allow only responsible, properly instructed individuals to operate your machine. Carefully supervise inexperienced operators.

3. Use a tractor that meets the tractor requirements contained within this manual. See REQUIRED FOR OPERATION:, page 21.

4. Make sure the machine is in good operating condition and that all protective shields are in place and in proper working order. Replace damaged shields before operating.

5. Make no modifications to the machine unless specifically recommended or requested by DuraTech.

6. Check periodically for breaks or unusual wear and make any necessary repairs.

7. If required install the PTO safety chain. Check local regulations regarding safety chain requirements.

DURING OPERATION

Enforce the following safety precautions and others contained in this manual to prevent serious personal injury.

1. Everyone must be kept clear of work area except operator seated at tractor controls.
2. Disengage PTO before starting engine.
3. Never work on or near BALEBUSTER unless engine is shut off and flails have stopped.
4. Keep shields in place and in good condition.
5. Watch out for and avoid any object that might interfere with the proper operation of the machine.
6. Power takeoff shafts must be locked in place with protective PTO shields in place.
7. Keep hands, feet and clothing away from power driven parts.
8. Never leave tractor controls unattended while the engine is running.
9. Exercise extreme care when operating on rough and/or steep terrain. Avoid operation on terrain that is excessively rough or steep.
10. Make surer your tractor PTO speed never exceeds 1000 RPM.

SAFETY DECALS

The safety decals located on your machine contain important and useful information that will help you operate your equipment safely.

To assure that all decals remain in place and in good condition, follow the instructions below:

1. Keep decals clean. Use soap and water - not mineral spirits, adhesive cleaners and other similar cleaners that will damage the decal.
2. Replace all damaged or missing decals. When attaching decals, surface temperature of the machine must be at least 40° F (5° C). The surface must also be clean and dry.
3. When replacing a machine component to which a decal is attached, be sure to also replace the decal.
4. Replacement decals can be purchased from your DuraTech dealer.

TRACTOR SET UP

A tractor drawbar and 3-point arms can cause interference with the PTO driveline IID (Implement Input Driveline). This interference can cause serious damage to the IID guarding and the IID telescoping members.

If this implement is attached to a tractor with a clevis hitch (hammer strap) style drawbar, the hammer-strap must be removed to prevent damage to the IID guarding and the IID telescoping members. See Figure 1.

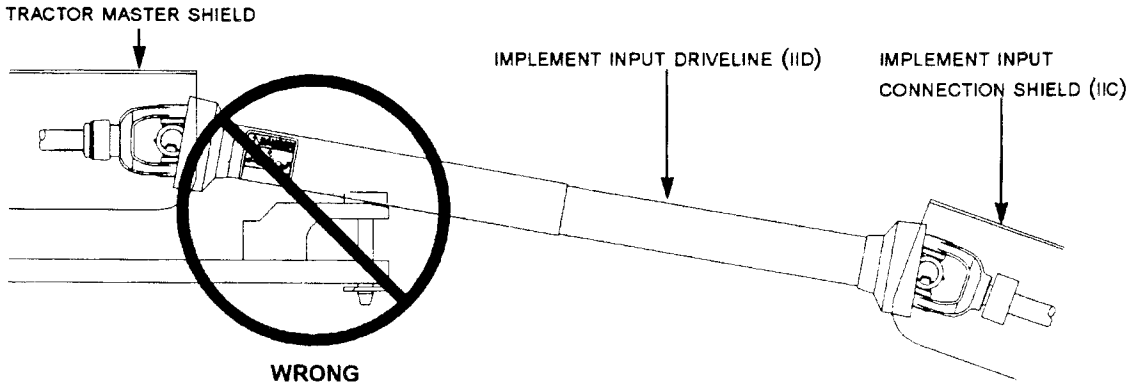


Figure 1

If this implement is attached to a tractor with an offset in the drawbar, be certain it is in the down position to prevent damage to the IID guarding and the IID telescoping members. See Figure 2.

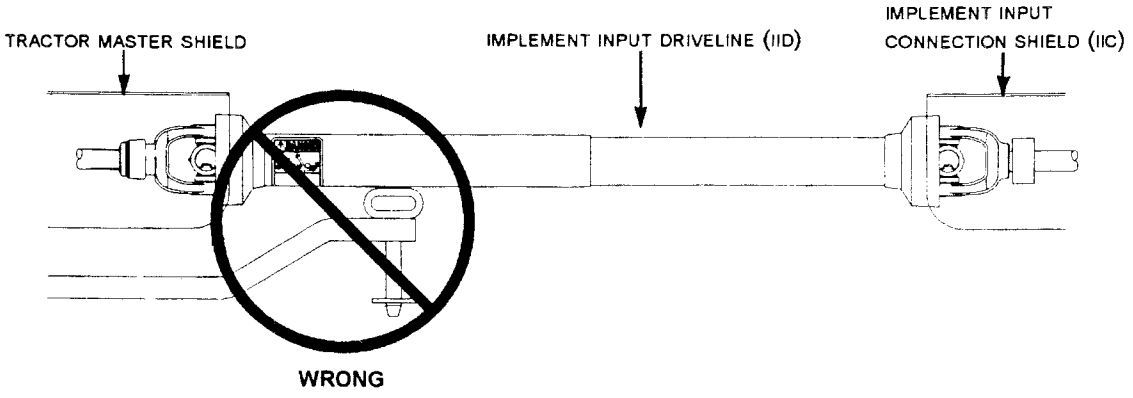


Figure 2

If this implement is attached to a tractor with 3-point arms, the arms must be fully raised and locked in position to prevent damage to the IID guarding and the IID telescoping members.

Adjust the tractor drawbar so the distance from the end of the PTO shaft on the tractor to the center of the drawbar hitch pinhole is 16" (41 cm.) for a 1000 RPM shaft. See Figure 3

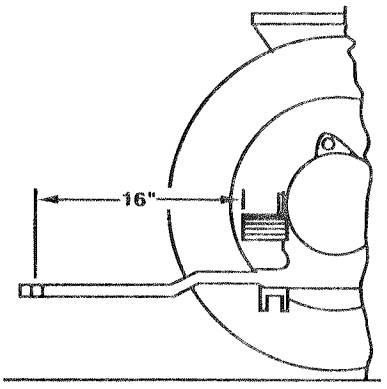


Figure 3

ASSEMBLY

1. Hitch the BALEBUSTER to the tractor drawbar. Adjust the hitch so machine is parallel with ground.
2. Raise the jack. Pull the lock pin and store in the transport position.
3. Connect the two hydraulic hoses from the hydraulic cylinder to one set of hydraulic couplers on the tractor. Connect the two hydraulic hoses from the bale conveyor speed valve to the second set of hydraulic couplers on the tractor.
4. Remove hydraulic cylinder from shipping position. Cycle cylinder several times to remove air from hydraulic system.
5. Remove loader frame #8100511 from shipping position and mount to rear of BALEBUSTER with (2) Hinge Pins #8100403, (2) 5/16" x 2" bolts #4800118, and (2) 5/16" Lock Nuts #4900011. See Loader Assembly, page 30.
6. Attach hydraulic cylinder to loader frame, and mount fork tines #8100505 & 8100506 to loader frame.
7. Attach Bearing Bracket 8100602 to the main frame. Tighten bolts 4800178. See Driveline Assembly, page 26
8. Loosely assemble bearings, joints, and shafts. Slip rear shaft 3600339 on rotor shaft on the machine and shaft 8100597. Tighten bolts holding bearings to bracket, keeping shaft 8100597 in line with the hitch pin.
9. Center shaft 8100597 lengthwise in bearings 2000514 and set lock collars.
10. Slide ends of shaft 3600339 on shaft 8100597 and the existing rotor shaft so 3/8" of both shafts can be seen inside the yokes. Lock the setscrews in the yokes. Tighten bolt 4800592 on both U-Joints on 3600339.
11. Mount PTO shaft 3600077 on shaft 8100597 and lock set screws and tighten bolt and nut.
12. Mount safety shield above PTO using (6) 3/8" x 1-1/4" bolts, (12) flat washers, (6) lock washers and (6) nuts.
13. Attach the PTO shaft to the tractor PTO shaft. Depress coupling and slide the coupling onto the splined shaft. Make sure the spring loaded safety catch is properly seated.
14. Bolt hose minder pigtail to hitch using (1) 1/2" x 1-1/2" bolt, lock washer and nut.
15. Pull deflector and rack assembly out into operating position.
16. If required, install the safety chain. Check local regulations regarding safety chain requirements.
17. Grease PTO **before** use.
18. This machine is set up to operate on 1000 RPM 1-3/8" only!

OPERATING INSTRUCTIONS

DURING SERVICE AND MAINTENANCE

CAUTION: **Before performing any maintenance or adjustments make sure machine is NOT running. If for any reason arc welding is to be done, always ground rotor to frame of machine to prevent arcing on bearings.**

1. **Never work on the BALEBUSTER with the bale loader in the raised position. Lower the bale loader to ground level.**
2. Check for loose or badly worn bolts.
3. Check for loose or misaligned sprockets on bale conveyor.
4. Conveyor chain tension should be adjusted so the chain can be lifted 1" to 1-1/2" above the deck.
5. Follow Lubrication Instructions.
6. **Inspect rotor and all rotating parts for twine or wire build-up. REMOVE DAILY**
7. Check air pressure in tires, 40 psi.
8. Check wheel bearings, and seals.
9. Tighten flail knife anchor bolts to 180 to 190 foot pounds torque.
10. Before working on or near the BALEBUSTER for any reason, including servicing, cleaning, unplugging or inspecting machine, use normal shutdown procedures unless instructed differently in this manual.
11. Check periodically and tighten any loose bolts or connections.
12. Use only replacement parts that are recommended by DuraTech.
13. If it is necessary to operate the tractor engine indoors for more than a few seconds, be sure to provide enough ventilation to remove the tractor exhaust fumes.
14. Hydraulic fluid escaping under pressure can be visible and have enough force to penetrate the skin. When searching for a suspected leak, use a piece of wood or cardboard rather than your hands. If injured, seek medical attention immediately to prevent serious infection or reaction.
15. Relieve all pressure in the hydraulic system before disconnecting the hose or performing other work on the system. Make sure all connections are tight and the hose is in good condition before applying pressure to the system.

OPERATING INSTRUCTIONS

PRE-STARTING INSPECTION INSTRUCTIONS

To insure long life and economical operation, we highly recommend the operator of the BALEBUSTER be thoroughly instructed in the maintenance and operation of the machine.

There is no substitute for a sound preventative maintenance program and a well-trained operator.

Prior to starting the engine of the tractor, we recommend the operator make a visual inspection of the unit. This can be done as the lubrication is being carried out. Any items that are worn, broken, missing or needing adjustment must be serviced accordingly before operating the BALEBUSTER.

WARNING: **Before inspecting the machine, use the normal shutdown procedure on this page.**

Check the following:

1. Hydraulic components for leaks or damage.

WARNING: **Hydraulic fluid escaping under pressure can be almost invisible and can have sufficient force to penetrate the skin. When searching for suspected leaks, use a piece of wood or cardboard rather than your hands. If injured, seek medical attention immediately to prevent serious infection or reaction.**

2. Lug Nuts for tightness.
3. Condition of tire rims.
4. Tires for proper air pressure.
5. Installation and condition of flails.
6. Rotor for twine build-up.
7. Chains for proper tension, and condition.
8. Installation of slow moving vehicle (SMV) sign if required.
9. Condition of decals.
10. Installation and condition of shields.
11. Condition of flails and attachment bolts.

OPERATING INSTRUCTIONS

STARTING MACHINE

WARNING: **After making all necessary hook-ups to tractor, be sure rotor chamber is clear of any solid objects. Make sure any bystanders are away from discharge before engaging PTO. Flying objects can cause serious injury or even death.**

Machine's hydraulic system performs two (2) functions. One function raises the bale loader for loading bales into the machine. The second function powers the bale conveyor by means of a hydraulic motor.

Operating tractor PTO at 1000 RPM allows machine to do a better job of chopping forage and also keeps a minimum of twine build-up on rotor. Twine build-up should be kept to a minimum to reduce fire hazard.

Always operate bale conveyor to rotate bale in direction indicated by arrow on front shield. Reverse direction only if bale is lodged or hesitates to turn.

CAUTION: Serious injury could result if machine is allowed to tip.

DURING TRANSPORT

This machine is designed to fold for ease of transportation and storage. The rack and deflector assembly folds inside of bale chamber.

1. Use good judgment and drive slowly over rough or uneven terrain.
2. Be sure tractor brakes are properly adjusted and foot pedals are locked together.
3. When preparing implement for transport. It is recommended that the forks are removed and the deflector pivoted into the tub to insure eight feet four inches (8'4") towing width.
4. Check your state laws regarding the use of lights, slow moving vehicle signs, safety chain and other possible requirements.

NORMAL SHUT-DOWN PROCEDURE

For your safety and the safety of others, you must use the following normal shutdown procedure before leaving the tractor controls unattended for any reason, including servicing, cleaning, or inspecting the BALEBUSTER. A variation of the following procedure may be used if so instructed within this manual or your tractor manual or if an extreme emergency requires it.

A. Disengage PTO
B. Lower machine to ground level.
C. Place transmission in park or set park brake
D. Shut Off engine and remove key.
E. Wait for all movement to stop.

ADJUSTMENTS

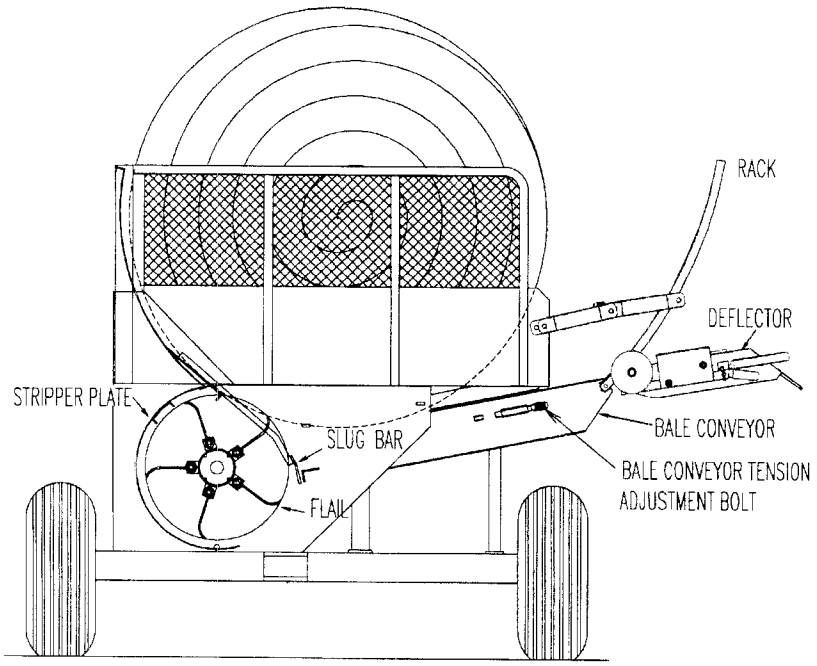


Figure 4, Location of Major Components

BALE CONVEYOR

The Bale conveyor keeps the bale moving into the flails, forcing the bale to rotate, and keeping product in front of the flails

Bale conveyor speed is set with the conveyor speed control valve or tractor controls if equipped with a PFC system.

To chop the forage finer, decrease the conveyor speed by rotating the control lever up and to the left. For a coarser cut, increase the conveyor speed by rotating the lever to the right and down.

STRIPPER PLATES

The 256 PLUS II BALEBUSTER comes with one stripper plate standard (see page 13). Adding stripper plates will produce a finer cut and removing plates will produce a coarser cut.

SLUG BARS

The 256 PLUS II BALEBUSTER comes standard with five slug bars. The slug bars control the depth of cut of the flails. See page 13.

DEFLECTOR

The deflector assembly can be adjusted for different scattering effects. Raise the deflector for a wider spread. Lower the deflector for a narrower windrow. When bunk feeding an 18" wide deflector (8300420 optional) can be added to prevent material from blowing past the bunk.

ADJUSTMENTS

ADJUSTING THE MACHINE

Changing distribution pattern

The deflector can be set to create a windrow or for spreading.

To change the setting, remove the locking pin. Firmly grab the handle or the outer edge of the deflector. With the other hand, grab the deflector latch lever. Lift the lever, which releases pins on the sprocket. Rotate the deflector to the desired position and release the lever. Replace the locking pin.

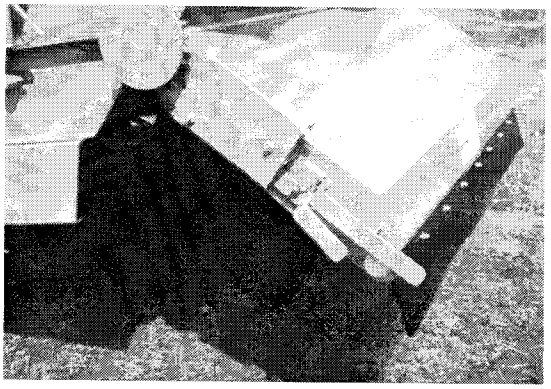


Figure 5, Adjusting the Deflector

A wider deflector belt is available to drop the material closer to the machine

Figure 7, Deflector Set for Spreading

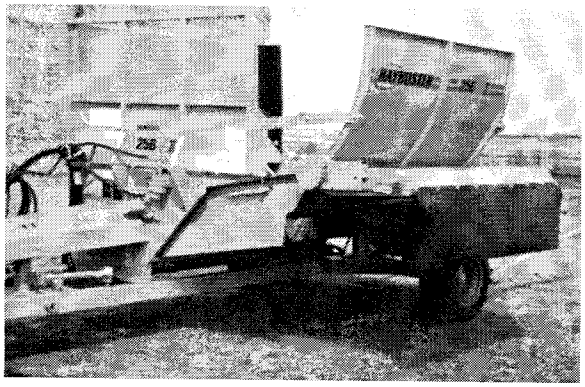
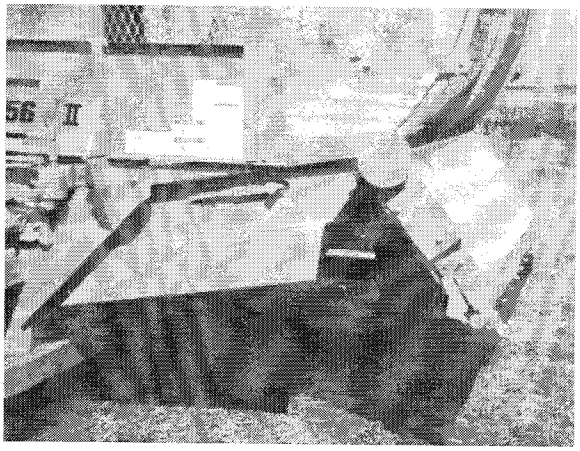


Figure 8, Wide Deflector Option 8100420



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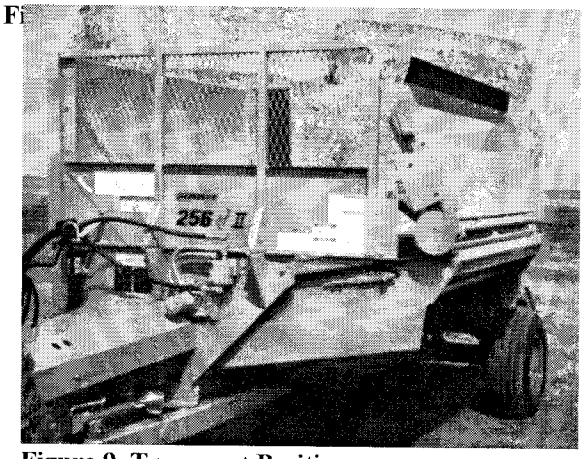


Figure 9, Transport Position

Changing Length of cut

1. CHANGING STRIPPER PLATES.

Adding stripper plates will produce a finer cut and removing plates will produce a coarser cut (see Figure 10).

For a finer cut, one or two more stripper plates can be added. Space the added stripper plates 4" apart and drill five (5) 17/32" holes for each plate using the plate as a guide. Install the plate with five 1/2" x 1-1/2" bolts, flat washers, lock washers, and nuts.

In applications such as land reclamation, where a very coarse cut is desired, the stripper plate may be removed.

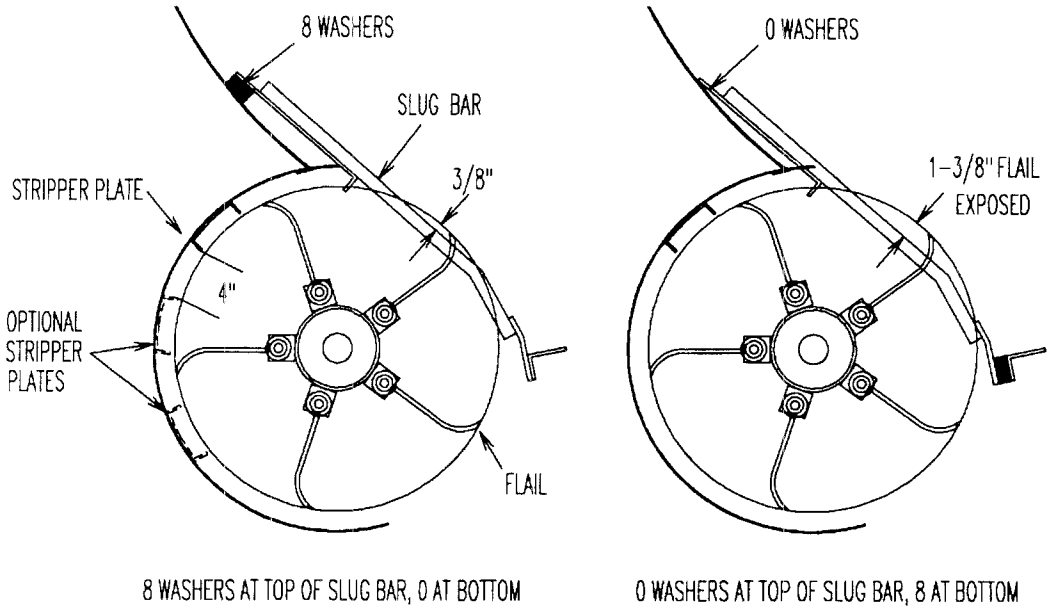


Figure 10, SLUG BAR AND STRIPPER PLATE ADJUSTMENTS

ADJUSTMENTS

2. ADJUST CONVEYOR SPEED

Moving the lever counterclockwise will slow the conveyor, and make a finer product. Moving the lever clockwise will speed up the conveyor and make a coarser product.
For tractors with PFC type hydraulic systems: This valve should be set in the full open position. Conveyor speed can be controlled directly from the tractor controls.

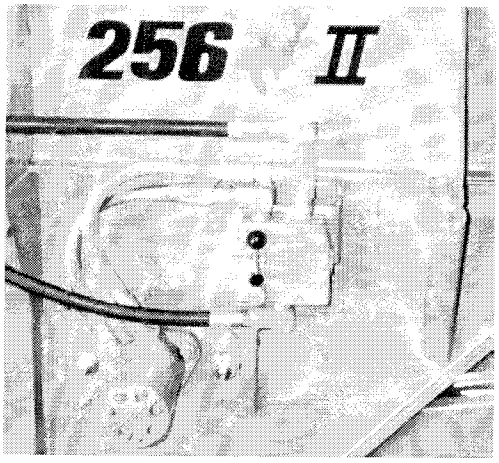


Figure 11, Conveyor Speed Control Valve

3. CHANGING SLUG BAR.

Exposing less flail will create a finer cut, while exposing more flail will create a coarser cut.
This is accomplished by moving flat washers from one end of each bar to the other end. See Figure 10.

No. Washers on Top	No. Washers on Bottom	Approx. Flail Exposed
0	8	1-3/8"
1	7	1-1/4"
2	6	1-1/8"
3	5	1"
4	4	7/8"
5	3	3/4"
6	2	5/8"
7	1	1/2"
8	0	3/8"

LOADING

The bale conveyor must not be running when a bale is lifted into the shredding chamber (steps 2-5). Bales dropping on moving conveyor slats may bend the slats.

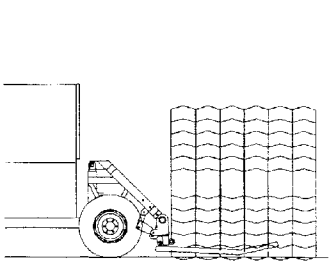
Step 1. With bale loader in its lowest position, back trailer until bale is loaded on the bale tines.

Step 2-3. Slowly lift the bale until it rotates onto the loader frame. **(NOTE: If the bale does not rotate forward, the twine may be over the tines. Cut twine at this time to prevent damage to the machine!)**

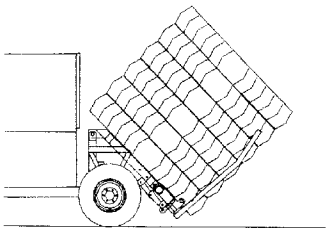
Step 4-5. **Slowly** lift the bale into shredding chamber. Continue lifting bale loader until it stops. This is the correct position for shredding a single bale.

Step 6. To load a second bale, lower bale loader. Back trailer until bale is loaded on the bale tines. Slowly lift the bale off the ground keeping the weight of the bale on the tines. This is the transport position for the second bale.

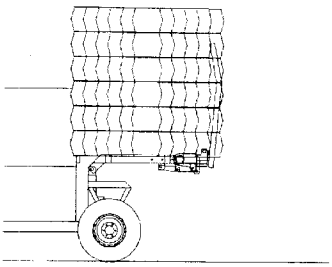
Step 7. After the first bale is shredded, repeat Step 2-5, loading and shredding a single bale.



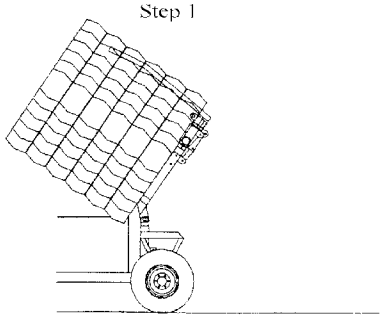
Step 1



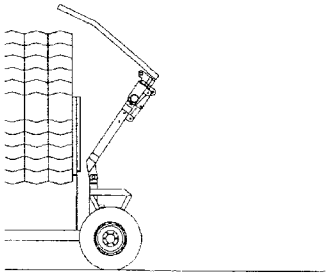
Step 2



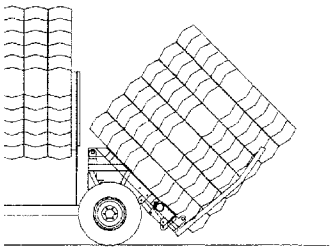
Step 3



Step 4



Step 5



Step 6

STORAGE

PREPARING FOR STORAGE

WARNING:
When preparing machine for storage, use normal shutdown procedure.

This machine is designed to fold for ease of transportation and storage. The rack and deflector assembly folds inside of bale chamber.

Clean all mud, dirt, grease and other foreign material from the exterior of the machine. Cut all twine off from around the rotor. Wash the complete machine. If washing the BALEBUSTER with a high-pressure washer, keep the nozzle away from the sealed bearings. Repaint places where bare metal is exposed - this will inhibit rusting.

Place the jackstands in the down and in locked position. Block the rear axle up taking the weight off the tires, but do not deflate tires. If possible, store the machine in a dry, protected place. If it is necessary to store the machine outside, cover it with waterproof canvas, plastic, or other suitable protective material.

Coat exposed hydraulic cylinder rod with grease. Oil chains on conveyor. Lubricate thoroughly according to lubrication instructions. Repack wheel bearings.

Check the machine for any worn or broken parts.

By ordering parts now, you will avoid delays when it is time to remove the machine from storage. When ordering parts always specify machine serial number and the part number of the replacement part. Part numbers can be found in the parts section of this manual.

REMOVING FROM STORAGE

Remove all protective coverings.

Remove blocking from under BALEBUSTER.

Lubricate machine in accordance with lubrication instructions found in this manual.

Follow pre-starting inspection instructions.

STORAGE

DETACHING
256 PLUS II BALEBUSTER

1. Follow normal shutdown procedure.
2. Lower jack and secure. Raise the tongue off of the tractor draw bar.
3. Detach the PTO shaft from the tractor.
4. Cycle the hydraulic control levers to release any pressure in the hydraulic hoses. **Be sure loading table is completely down.**
5. Detach the hydraulic hoses.
6. Remove the safety chain, if installed.
7. Remove the hitch pin.

LUBRICATION

LUBRICATION INSTRUCTIONS

The operator should make a check of all grease fittings in the unit before beginning to operate it so as to become familiar with their location and the correct service schedule.

***WARNING*: Use normal shutdown procedure (page 10) before lubricating machine.**

Use only a high quality, multi-purpose grease when lubricating the unit. Make sure all fittings and the nozzle of the grease applicator are clean before applying the grease. If any grease fittings are missing, replace them immediately.

FOR SERIAL NUMBER GI3417 and up

The following grease points will require an eight (8) hour service interval.

1. Rotor bearings - 2 places.

2. Universal Joints - 4 places.

3. Telescoping Shafts - 2 place.

4. Driveline Support Bearings - 2 places.

5. Pivot Point between Lower and Upper Loader Frame - 2 places.

A. As many as 7 pumps of grease are required to purge all cross and bearing lube points with fresh grease.

B. Telescoping members require enough grease to maintain a smooth sliding action. When telescoping members become contaminated with dirty grease, they should be inspected and cleaned to insure smooth operation.

C. Shield components should be lubed and inspected to insure all components are in working condition or are replaced if damaged. A properly maintained shield will inhibit dirt from contaminating telescoping members.

LUBRICATION

FOR SERIAL NUMBER FI2743 to GI3416

The following grease points will require an eight (8) hour service interval.

1. Rotor bearings - 2 places.

2. PTO universal joints and telescope shaft 9 places.

3. Pivot Point between Lower and Upper Loader Frame - 2 places.

To insure best possible performance, all indicated locations should be lubed as often as every four (4) hours under severe conditions. All lube points should be lubed at equal intervals.

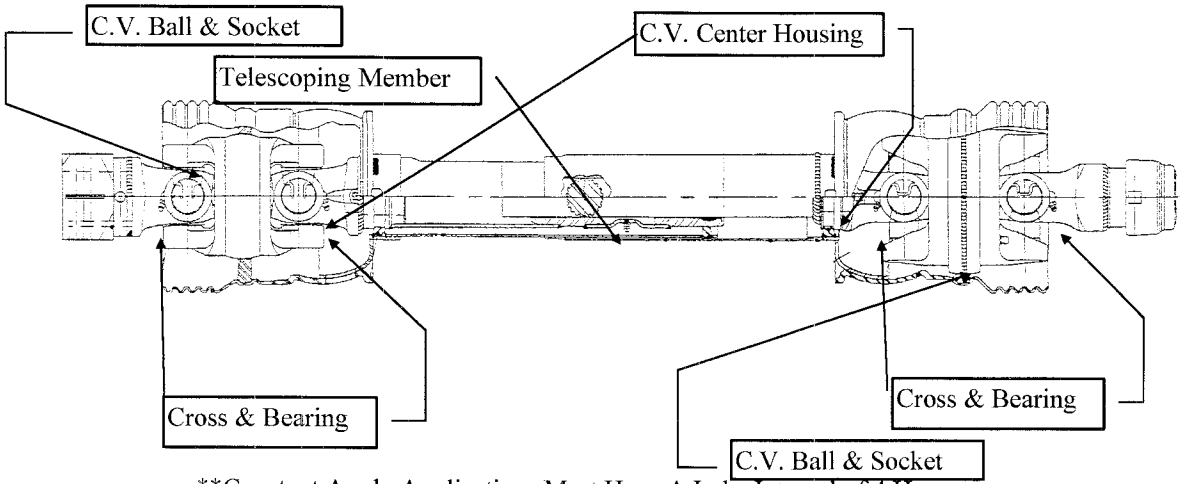
1. As many as 7 pumps of grease are required to purge all cross and bearing lube points with fresh grease.
2. Double yokes require more than 1 or 2 pumps of grease. For better penetration of lubricant:
   A. Lubricate double yoke in straight position.
   B. Manually articulate joint to distribute grease.

3. Telescoping members require enough grease to maintain a smooth sliding action. When telescoping members become contaminated with dirty grease, they should be inspected and cleaned to insure smooth operation.

4. Shield components should be lubed and inspected to insure all components are in working condition or are replaced if damaged. A properly maintained shield will inhibit dirt from contaminating telescoping members.

CONSTANT VELOCITY PTO DRIVE SHAFT LUBE RECOMMENDATIONS

INTERVAL	LOCATIONS	AMOUNT
8 Hours **	Cross & Bearing	1 Pump
8 Hours	Telescoping Members	4-8 Pumps
8 Hours **	CV Ball & Socket	1-2 Pumps
24 Hours**	CV Center Housing	4 Pumps



**Constant Angle Applications Must Have A Lube Interval of 4 Hours.

TROUBLESHOOTING

PROBLEM	CAUSE	REMEDY
1 No Capacity	1. Bale turning too slow.	1. Open flow control valve.
2. Bale Does Not Turn	1. Bale lodged in feeder.	1. Reverse rotation of slat conveyor
3. Excessive Vibration	1. Broken Flail. 2. Defective rotor bearing. 3. Misaligned or worn PTO 4. Build up of twine on rotor.	1. Replace Flail. 2. Replace Bearing. 3. Replace worn part or complete PTO. 4 Remove all twine from rotor.
4. Machine Will Not Lift Bale	1. Tractor hydraulic pressure too low. 2. Hydraulic oil leaking by piston in cylinder.	1. Check pressure. 2. Repair or replace hydraulic cylinder
5. Forage Too Coarse	1. Conveyor speed too fast. 2. Slug bar set too low. 3. Stripper plate removed.	1. Decrease conveyor speed. 2. Raise slug bar to expose less flail. 3. Replace or add additional stripper plate.
6. Forage Too Fine	1. Conveyor speed too slow. 2. Slug bar set too high. 3. Extra stripper plate installed.	1. Increase conveyor speed. 2. Lower slug bar to expose more flail. 3. Remove one or all stripper plates.
7. Forage Blows Past Bunk When Bunk Feeding	1. Deflector to high.	1. Lower Deflector. Add (optional) 18" x 69-3/4" Deflector belting.

SPECIFICATIONS

DURATECH 256 PLUS II SPECIFICATIONS

Tractor H.P. required	Minimum 65 H.P.
Capacity	5-1/2' long x 6-1/2' diameter, 2000 lbs.
Rotor Length	72"
Rotor Diameter	25-1/2"
Rotor Bearings - Ball	1-3/4"
Flails - Heat-Treated	30
Wheel - Taper Roller Bearings - Tire Size	11L x 15 - 10 Ply
Working Position 1 Bale Height	141"
Length	170"
Width	132"
Working Position 2 Bales Height	115"
Length	250"
Width	132"
Transport Position:	
Length with Tines Removed	178"
Width	100"
Height	84"
Weight	3400 Lbs.
PTO	1000 RPM
Dual Hydraulics (single hydraulic system optional)	1500 PSI
Cylinder 4" x 24" Double Acting	

REQUIRED FOR OPERATION:

WARNING: **Do not operate the BALEBUSTER unless the tractor complies with the following requirements:**

1. Horsepower - 65 HP minimum. 1000 rpm, 1-3/8" PTO shaft.

2. Rollover protective structure and seat belts.

3. Hydraulic system - 8 gallons per minute (30 liters per minute) minimum, 1500 Psi minimum (105 bar) two-way valves.

4. Two sets of two-way hydraulic outlets.

5. The tractor must be of equal or greater weight than the BALEBUSTER and bale to assure adequate braking and steering control.

6. Counterbalance weight - It may be necessary to add weight to the front end of your tractor to maintain adequate tractor stability and control. At least 20% of the total weight must remain on the front axle.

7. Drawbar and 3-point arms must not contact PTO Driveline. Drawbar to PTO Shaft distance set to 16". See page 6.

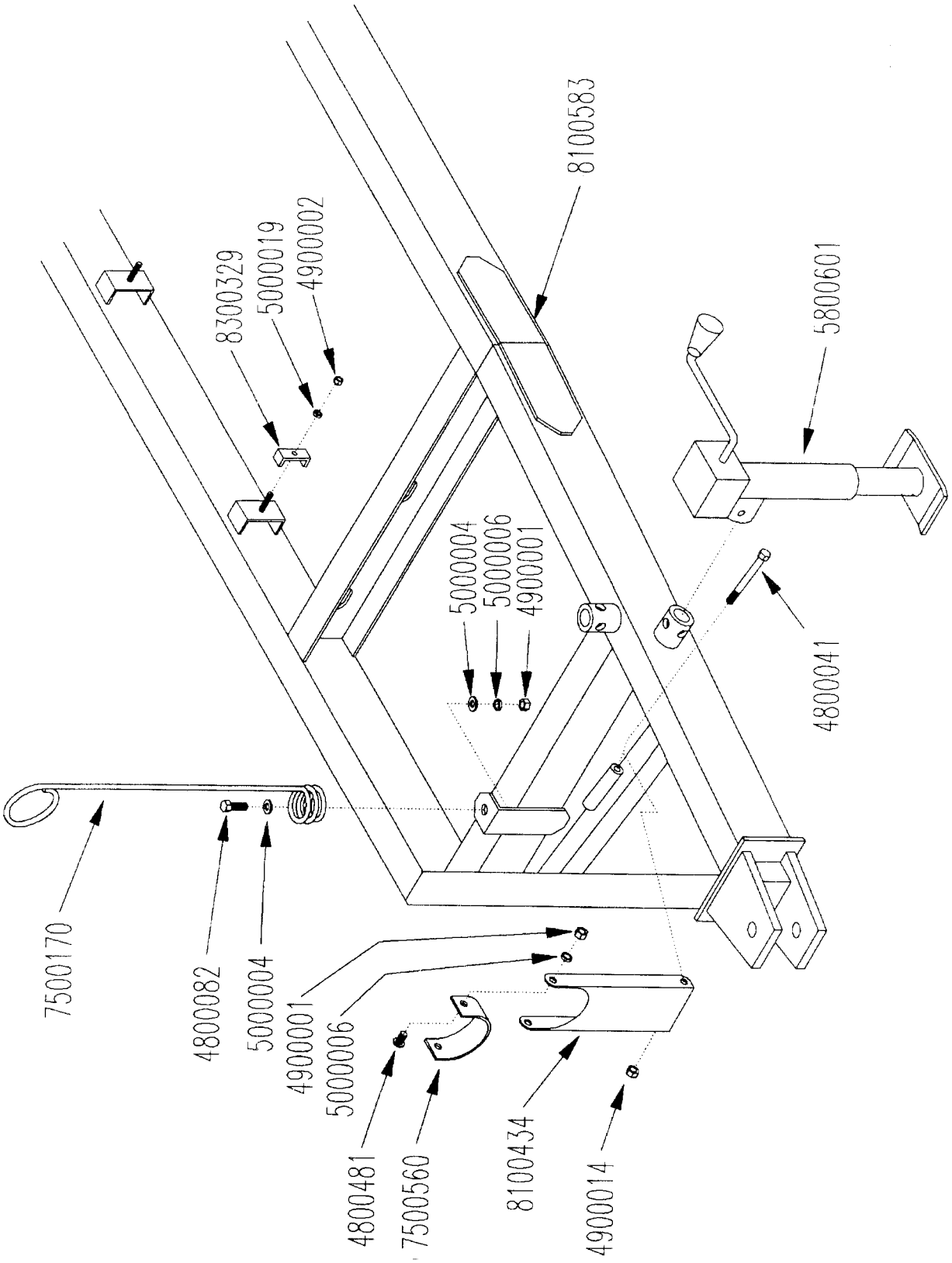
256 PLUS II BALEBUSTER SHIPPING LIST

PART NUMBER	QUANTITY	DESCRIPTION
2000514	2	BRG\PB\1-3/4\MALL\W/LOCK:COLLAR
3600077	1	COMPLETE PTO 35W
3600339	1	JOINT\ASSY\55R\TELE\COMP
4800043	2	1/4" x 2-1/2" COTTER PIN
4800082	1	1/2" X 1-1/2" BOLT
4800098	6	BOLT\HEX\3/8X1-1/4\NC
4800107	2	1/8" HAIR PIN
4800114	4	BOLT\HEX\1/2X2
4800118	2	5/16" X 2" BOLT
4800143	3	SCR\SET\3/8"X3/8"
4800178	4	BOLT\HEX\1/2X1-3/4
4800351	1	BOLT\HEX\1/2"X2-3/4"
4800592	3	BOLT\HEX\1/2" X 3-1/4"
4900001	9	NUT\HEX\1/2\NC
4900002	6	NUT\HEX\3/8\NC
4900011	2	5/16" LOCK NUT
4900014	3	NUT\TPLCK\1/2"
5000001	12	WASH\FLAT\3/8
5000004	8	1/2" FLAT WASHER
5000006	9	WASH\LOCK\1/2
5000019	6	WASH\LOCK\3/8
6200020	3	KEY\SQ\3/8X2-1/4\HARD
7500170	1	HOSEMINDER, PIGTAIL
8100204	2	TINE HANGER PIN- USED ON SHIPPING STANDS
8100205	2	TINE ANCHOR PIN
8100403	2	HINGE PIN 1" X 6"
8100505	1	FORK TINE - R.H.
8100506	1	FORK TINE - L.H.
8100597	1	SHFT\1-3/4X10\2KEYWAY
8100602	1	BRKT\STD\BRGDRV\OFFSET\256II
8100606	1	SHLD\DRIVE\OFFSET\256

256 PLUS II
BALEBUSTER

SERIAL NUMBER FI2743 to JJ5016

HITCH ASSEMBLY

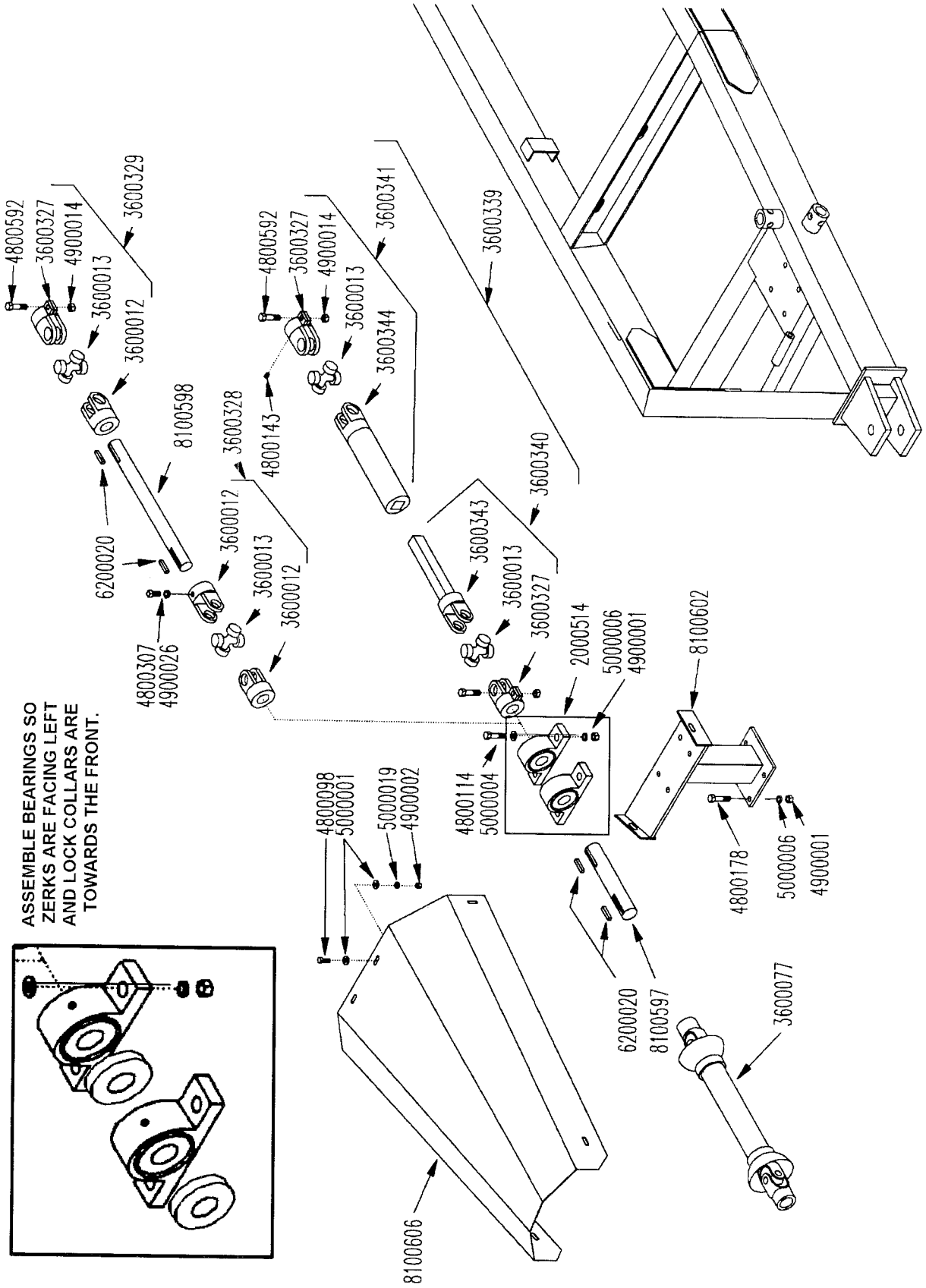


HITCH ASSEMBLY

PART	QUANTITY	DESCRIPTION
4800146	4	BOLT\HEX\3/8X2
4800481	2	BOLT\CRG\1/2X1-1/4\NC
4900001	3	NUT\HEX\1/2\NC
4900002	4	NUT\HEX\3/8\NC
5000004	1	WASH\FLAT\1/2
5000006	3	WASH\LOCK\1/2
5000019	4	WASH\LOCK\3/8
5800601	1	JACK (2SM10) 12"
7500170	1	HOSE MINDER
7500199	2	GROMMET 1.5ID X.25 27
7500560	1	BELT\3/16X2X10-1/2\ST
8100434	1	STND\PTO\+II
8100438	1	FRM\MN\256II\'95
8100583	1	FRM\MN\256II\'97
8300329	4	HOSE CLAMP/H DRL/256+
5800604		WELD ON BELL (2SM10)
5800606		JACK HANDLE 2-SM 10

DRIVELINE ASSEMBLY

Serial Number 3417 and up



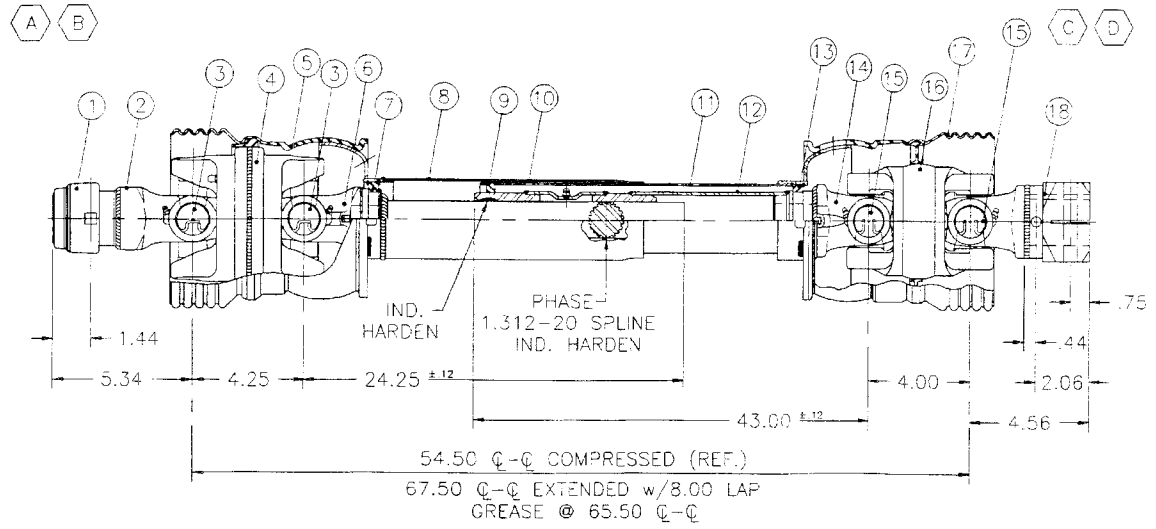
DRIVELINE ASSEMBLY

Serial Number GI3417 and up

PART	QUANTITY	DESCRIPTION
2000514	2	BRG\PB\1-3/4\MALL
3600012	3	MACHINE YOKE 1-3/4"
3600013	2	CROSS & BEARING KIT 55
3600077	1	COMPLETE PTO 35W
3600327	1	MACHINE YOKE 1-3/4" CLAMP TYPE
3600328	1	JOINT\L55\1-3/4 BORE\ASSY FOR SN GI3417 TO HI3966
3600329	1	JOINT\L55\1-3/4 BORE\ASSY\CLAMP 1 END FOR SN GI3417 TO HI3966
3600339	1	JOINT\ASSY\55R\TELE\COMP FOR SN HI3967 AND UP 30-1/2" Long, 1/3/4" Both ends
3600340	1	JOINT\55R\W/SHAFT
3600341	1	JOINT\55R\TELESCOPING
3600342	2	CLAMP YOKE FOR 3600339
3600343	1	YOKE AND SHAFT FOR 3600399
3600344	1	TELESCOPING YOKE 3600399
4800098	6	BOLT\HEX\3/8X1-1/4\NC
4800114	4	BOLT\HEX\1/2X2
4800143	3	SCR\SET\ALN\3/8X3/8/NC
4800178	4	BOLT\HEX\1/2X1-3/4
4800307		SCR\SET\SQ\3/8X1\NC
4800592	3	BOLT\HEX\1/2X3-1/4
4900001	8	NUT\HEX\1/2\NC
4900002	6	NUT\HEX\3/8\NC
4900014	3	NUT\TPLCK\1/2"\NC
4900026		NUT\JAM\3/8\NC
5000001	12	WASH\FLAT\3/8
5000004	4	WASH\FLAT\1/2
5000006	8	WASH\LOCK\1/2
5000019	6	WASH\LOCK\3/8
6200020	3	KEY\SQ\3/8X2-1/4\HARD
8100597	1	SHFT\1-3/4X10\2KEYWAY
8100598	1	SHFT\1-3/4X19\2KEYWAY FOR SN GI3417 TO HI3966
8100602	1	BRKT\STD\BRG\DRV\OFFSET\256II
8100606	1	SHLD\PTO\97\256II

PTO

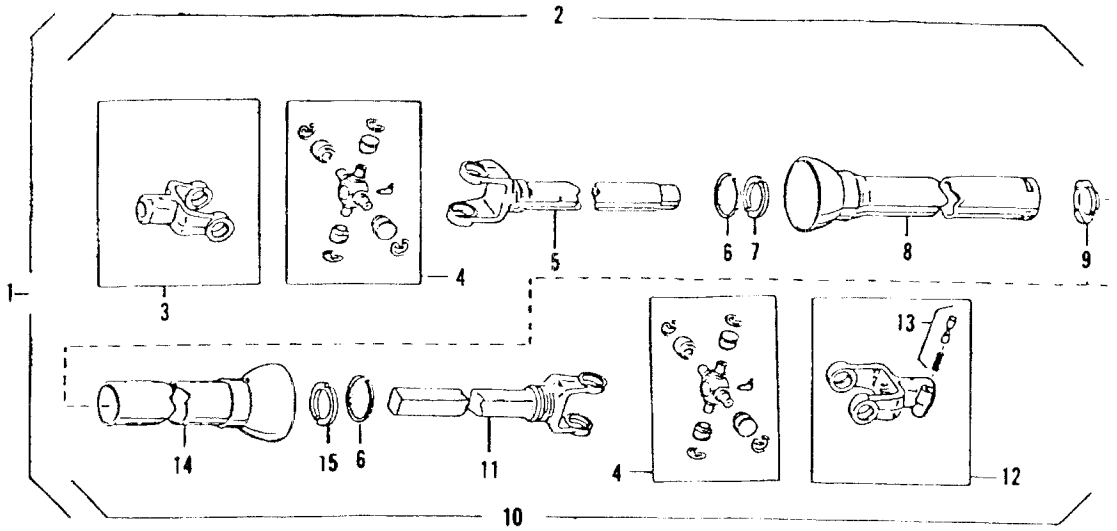
For Serial Numbers 2342 to 3416



ITEM	PART NUMBER	QUANTITY	DESCRIPTION
	3600291	1	PTO Complete
A	3600267	1	Jnt & Shft Half Asm\w/Guard
B	3600268	1	Jnt & Shft Half Asm
C	3600293	1	Jnt & Tube Half Asm\ w/Guard
D	3600292	1	Jnt & Tube Half Asm
1	3600271	1	Safety Sld Lck Repair Kit
2	3600272	1	Safety Sld Lck Yoke Asm
3	3600273	2	Cat 4 Cross & Brg Kit
4	3600274	1	CV Center Housing Asm
5	3600275	1	Bell Ext. w/Nylon Centralizer
6	3600276	1	Yoke & Shaft
7	3600277	1	Nylon Repair Kit
8	3600278	1	Safety Sign
9	3600279	1	Centralizer
10	3600280	1	Outer Guard
11	3600381	1	Inner Guard
12	3600282	1	Safety Sign
13	3600283	1	Nylon Repair Kit
14	3600382	1	Yoke, Tube, & Slip Sleeve
15	3600042	2	35R Cross & Bearing Kit
16	3600285	1	Center Housing
17	3600286	1	Bell Ext. w/Nylon Centralizer
18	3600287	1	Yoke\Machine

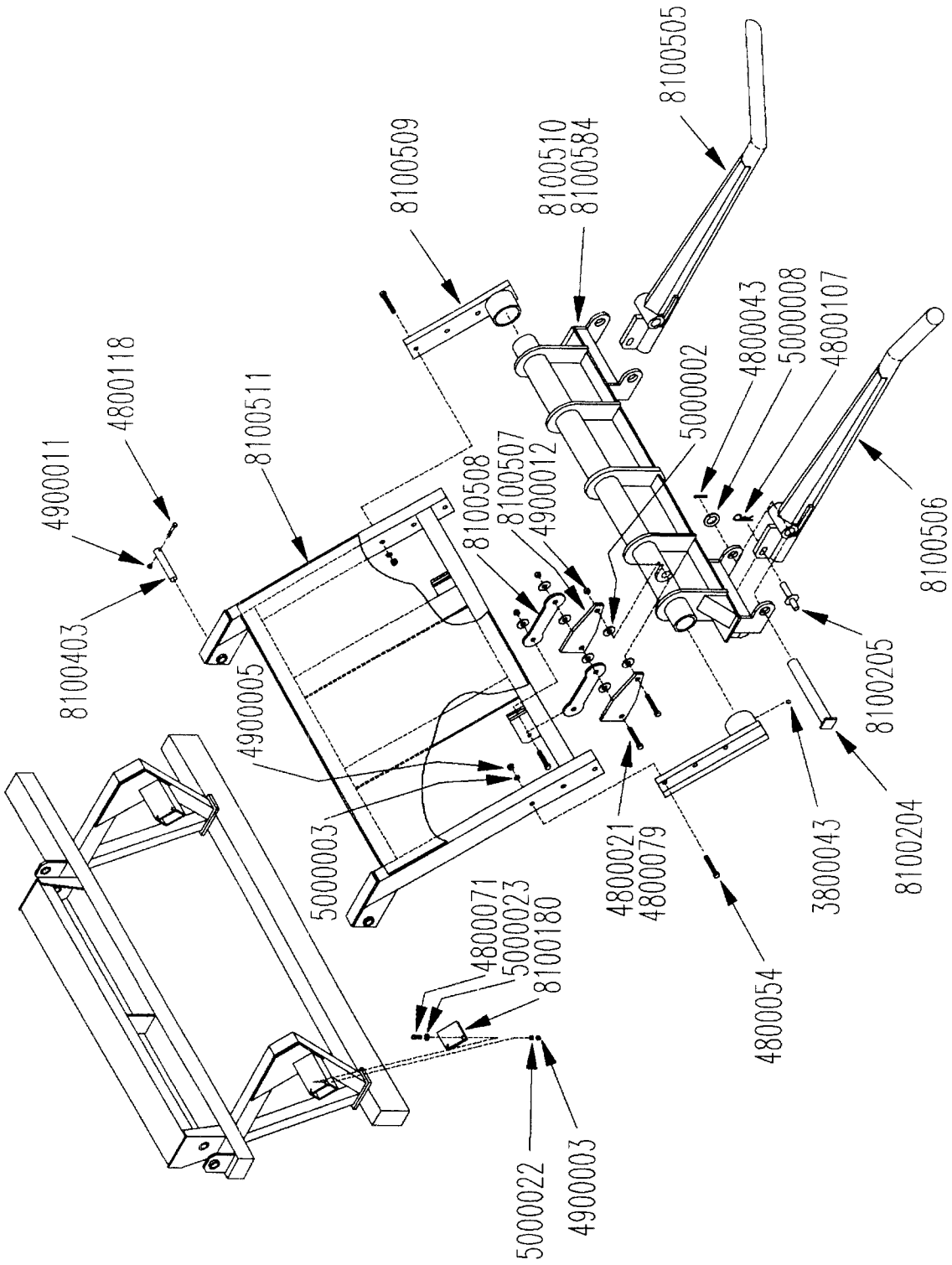
PTO

For Serial Number 3417 and up



ITEM	PART	QUANTITY	DESCRIPTION
1	3600077		Complete Pto 35w
2	3600078	1	Machine Half Complete 35w
3	3600079	1	Yoke 35w 1-3/4" Rd
4	3600042	2	Cross & Bearing Kit 35
5	3600080	1	Yoke And Tube 35w
6	3600047	2	Retaining Ring
7	3600283	1	Nylon Repair Kit
8	3600081	1	Inner Shield
9	3600049	1	Nylon Centralizer
10	3600082	1	Trac Half Complete 35w
11	3600083	1	Yoke & Shaft 35w
12	3600084	1	Yoke 1 3/8 21 Spline 35w
13	3600056	1	Lock Pin & Spring
14	3600085	1	Outer Shield
15	3600048	1	Nylon Outer Bearing

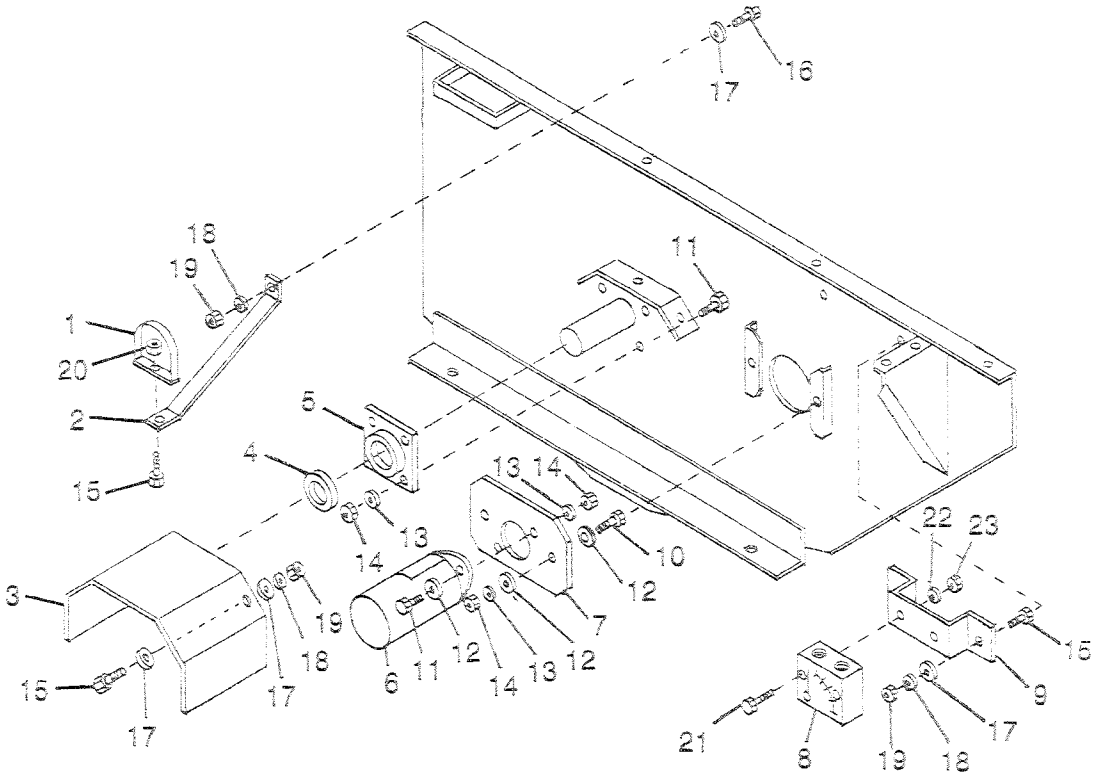
LOADER ASSEMBLY



LOADER ASSEMBLY

PART NUMBER	QUANTITY	DESCRIPTION
8100515		Loader\Assembly\SN#FI2743 to GI3266
8100589		Loader\Assembly\SN#GI3267 and up
3800043	2	Ftg\Lub\1/8MPxZRK\Short
4800021	6	Bolt\Hex\5/8x3\
4800043	2	Pin\Cotter\1/4 x 2-1/2
4800054	6	Bolt\Hex\5/8x3-1/2
4800071	4	Bolt\Hex\5/16 x 1-1/4
4800079	6	Bolt\Hex\5/8x2-1/2\ SN#FI2743 to GI3266
4800107	2	Pin\Hair\1/8 (#9)
4800118	2	Bolt\Hex\5/16 x 2
4900003	4	Nut\Hex\5/16
4900005	6	Nut\Hex\5/8\NC
4900011	2	Nut\Top Lock\5/16
4900012	6	Nut\TpLck\5/8\NC
5000002	8	Wash\Flat\5/8 SN#FI2743 to GI3266
5000002	14	Wash\Flat\5/8 SN#GI3267 and up
5000003	6	Wash\Lock\5/8
5000008	2	Bushing\Machine 1-1/2\NR
5000022	4	Washer\Lock\5/16
5000023	4	Washer\Flat\5/16
8100180	2	Pad\Rubber\3-1/2x4\Frm\Mn
8100204	2	Pin\Hinge\Tine
8100205	2	Pin\Anchor\Tine
8100403	2	Pin\Hinge\1x6\Bale;Lift
8100505	1	Tine\RH\66"\Loader
8100506	1	Tine\LH\66"\Loader
8100507	4	Stop\Link\Loader
8100508	2	Flat\Link\Loader\SN#FI2743 to GI3266
8100508	4	Flat\Link\Loader\SN#GI3267 and up
8100509	2	Brkt\Pivot\Loader
8100510	1	Frm\Loader\Lower SN#FI2743 to GI3266
8100511	1	Frm\Loader\Upper
8100584	1	Frm\Loader\Lower\ SN#GI3267 and up

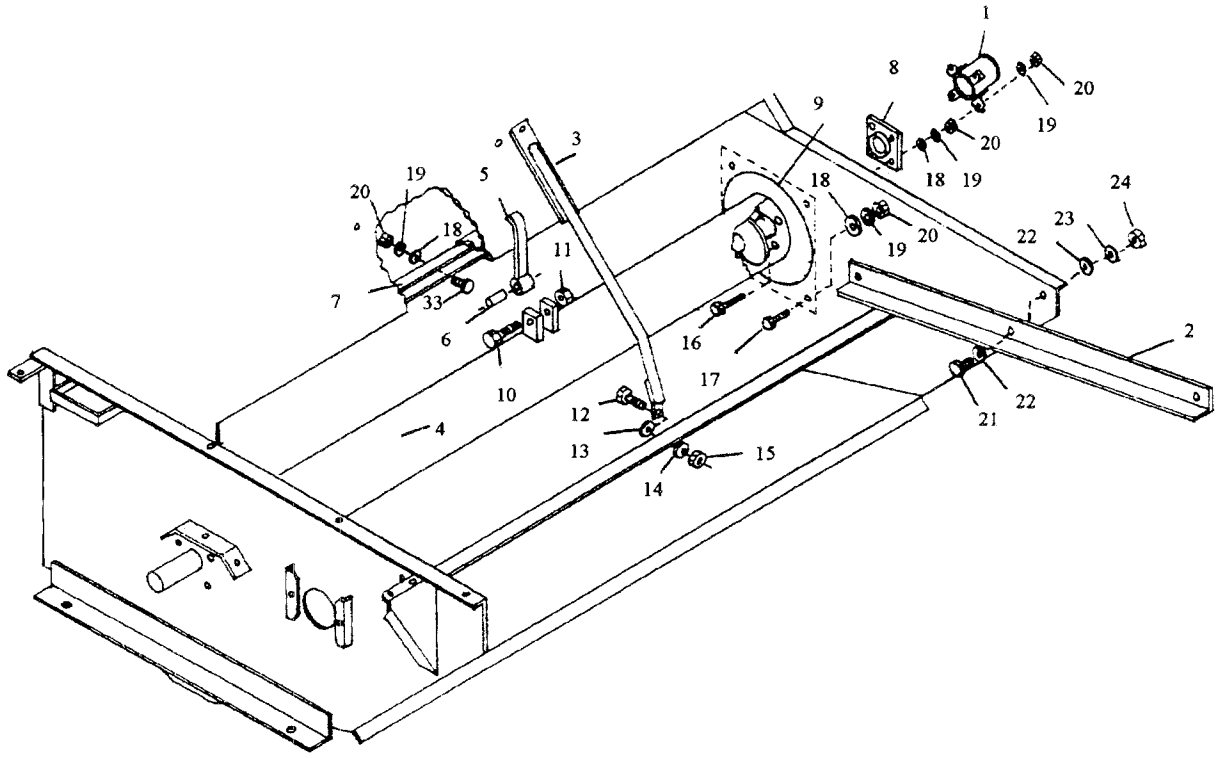
SHREDDER ASSEMBLY



SHREDDER ASSEMBLY

ITEM	PART NUMBER	QUANTITY	DESCRIPTION
1	8100041	1	Hose Hanger
2	8100040	1	Hose Hanger Bracket
3	8100199	1	PTO Shield Serial Numbers through 3416
4	2200808	2	Bearing Lock Collar
5	2000311	2	Bearing 4-Hole Flange 1-3/4
6	3900003	1	207 Hydraulic Motor (See Orbit Motor)
6	3900019	1	151-2088 Hydraulic Motor (See Orbit Motor)
7	8100036	1	Hydraulic Motor Mounting Bracket
8	4000070	1	Flow Control Valve
9	8100037	1	Flow Control Mounting Bracket
10	4800018	2	Bolt\Hex\ 1/2 x 1-1/4
11	4800082	6	Bolt\Hex\ 1/2 x 1-1/2
12	5000004	6	Washer\Flat\ 1/2
13	5000006	8	Washer\Lock\ 1/2
14	4900001	8	Nut\ 1/2
15	4800003	5	Bolt\Hex\ 3/8 x 1
16	4800098	1	Bolt\Hex\ 3/8 X 1-1/4
17	5000001	7	Washer\Flat\ 3/8
18	5000019	5	Washer\Lock\ 3/8
19	4900002	5	Nut\ 3/8
20	4900023	1	Nut\Lock\ 3/8
21	4800101	2	Bolt\Hex\ 1/4 x 2-1/2
22	5000024	2	Washer\ Lock\ 1/4
23	4900009	2	Nut\ 1/4
Not Shown	8100453	1	Shield\Front\256II
	8100456		HSG\RTR\256II for SN FI2743- GI3416
	8100612		HSG\RTR\256II for SN GI3417 & up

SHREDDER ASSEMBLY

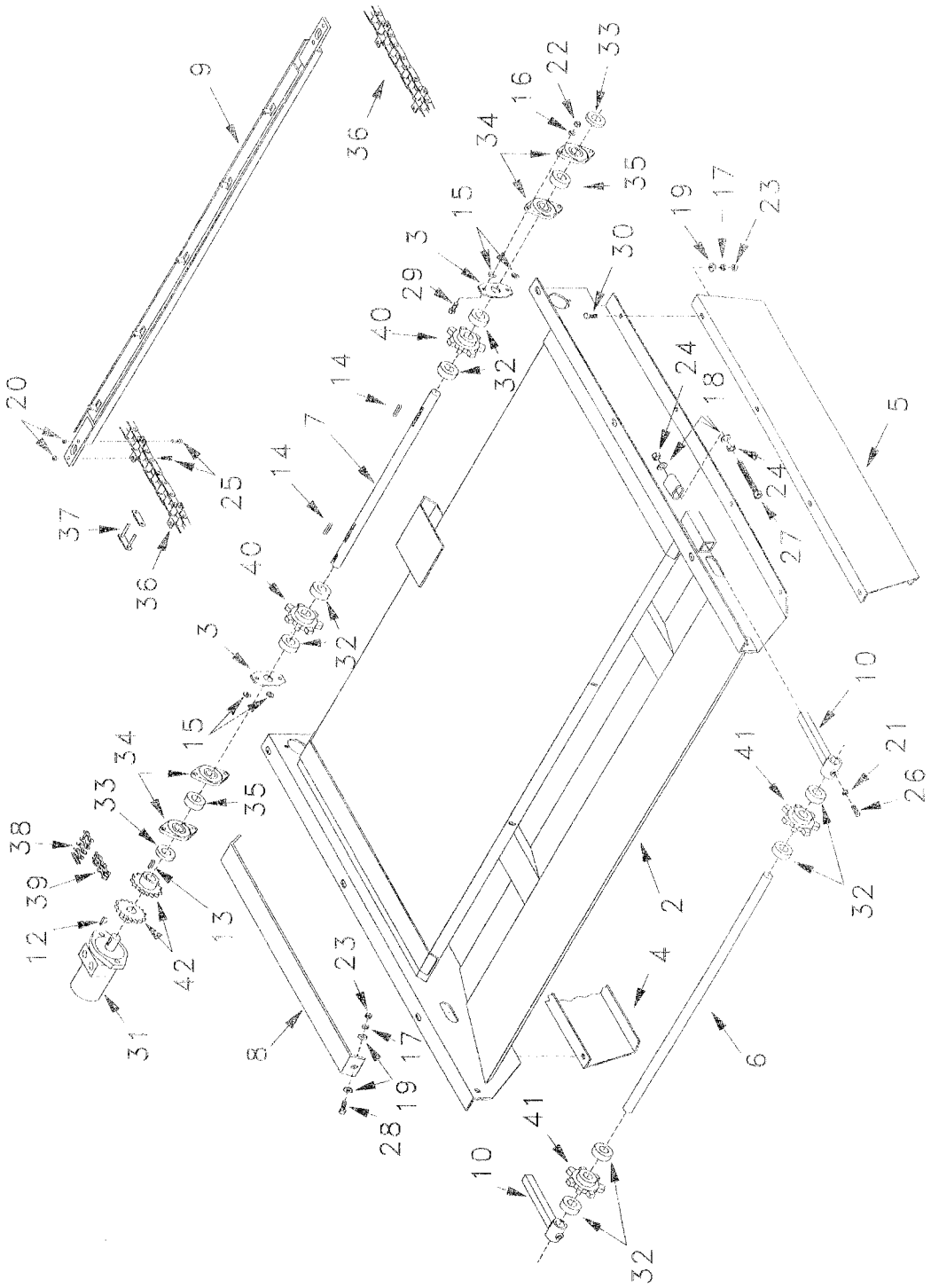


SHREDDER ASSEMBLY

ITEM	PART NUMBER	QUANTITY	DESCRIPTION
1	8100353	1	Rotor Shield
2	8100174	2	Wide Conveyor Mount
3	8100025	5	Slug Bar SN up to GI3266
3	8100579		Slug Bar w/2 bends SN GI3267 and up
4	8100437	1	Rotor
5	5200009	30	Flail
6	7500223	30	Flail Bushing
7	8100024	1 to 3	Stripper Plate
8	2000311	2	Bearing\4-Hole Flange\1-3/4
9	8100191	1	Rotor End Plate
10	4800100	30	Bolt\5/8x4\GR5
11	4900012	30	Nut\Lock\5/8
12	4800010	8	Bolt\5/8x2
13	5000002	22	Washer\Flat\5/8
14	5000003	9	Washer\Lock\5/8
15	4900005	9	Nut\5/8
16	4800070	4	Bolt\Hex\1/2x2-1/2
17	4800018	11	Bolt\Hex\1/2x1-1/4
18	5000004	15	Washer\Flat\1/2
19	5000006	15	Washer\Lock\1/2
20	4900001	15	Nut\1/2
21	4800098	6	Bolt\Hex\3/8x1-1/4
22	5000001	10	Washer\Flat\3/8
23	5000019	8	Washer\Lock\3/8
24	4900002	8	Nut\3/8
Not Shown	8100118	opt	Slug Bar Weight, Optional
Not Shown	8100464	1	Belt\Shredder\12x35
Not Shown	8100574	opt	Shredder Shield Extension
	8100741		RTR\FLAIL\30\5_ROW\256+II\HEAVY WALL
	5200012		HMMR\FLAIL\8"\HEAVY\7/16"X2"

BALE CONVEYOR ASSEMBLY

Serial Number FI2743 to GI3266



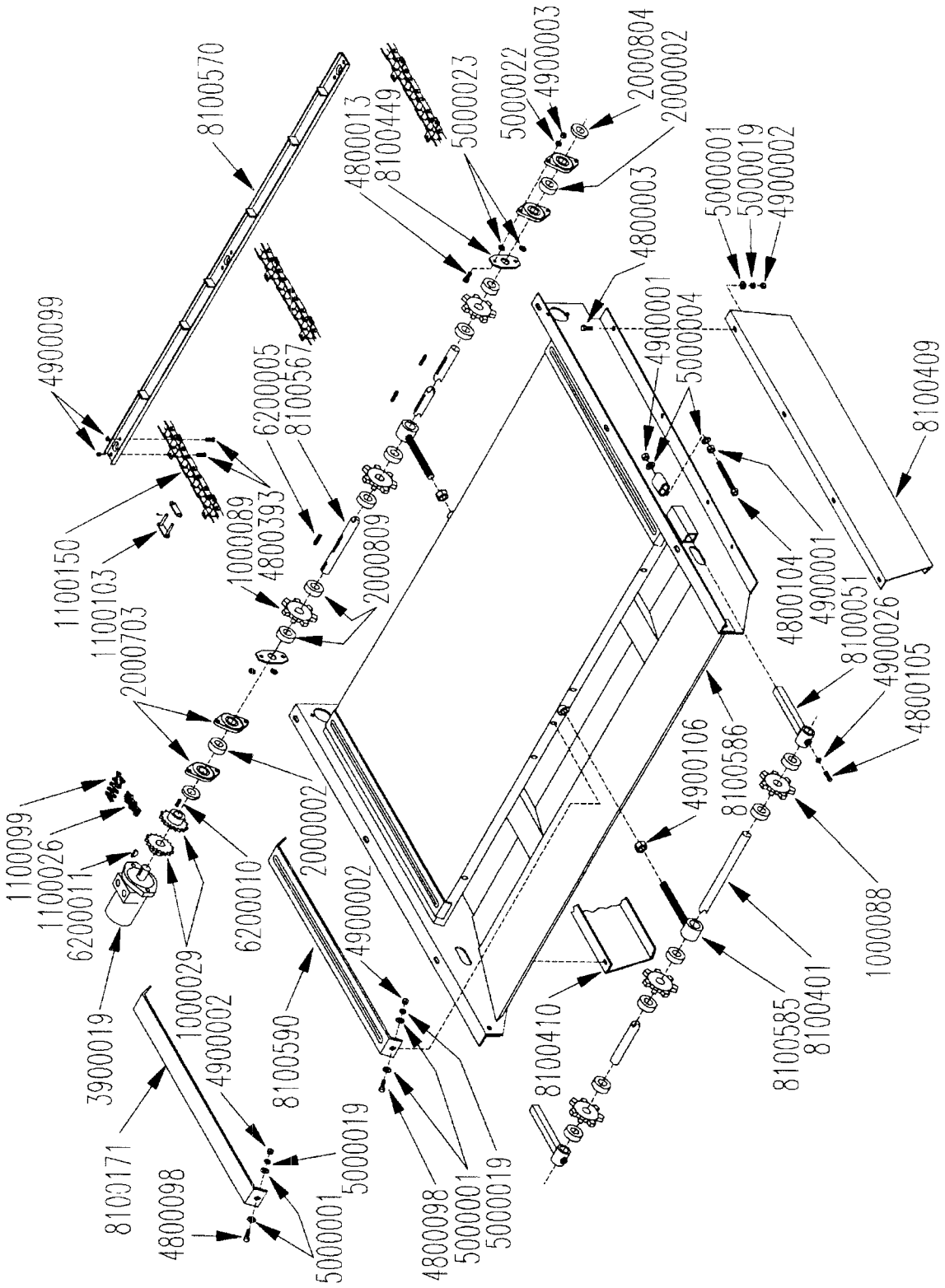
BALE CONVEYOR ASSEMBLY

Serial Number FI2743 to GI3266

ITEM	PART NUMBER	QUANTITY	DESCRIPTION
1	8100459		Cnvyr\Assy\256\'95
2	8100454	1	Frame\Cnvyr\Shredder\256
3	8100449	2	Guard\Twine\Cnvyr\256
4	8100410	1	Conveyor Side Ext.Front
5	8100409	1	Conveyor Side Ext. Rear
6	8100401	1	Idler Shaft 1 x 71-1/2
7	8100399	1	Shaft\Drive\1x70-1/2
8	8100171	2	Plastic Strip Wide Conveyor
9	8100622	9	Slat\Channel\2 Chain\256
10	8100051	2	Tigthener Bracket
11	7500147	4	1"ID Oilite Bushing
12	6200011	1	Key\Woodruff\1/4x1
13	6200010	1	Key\SQ\1/4x1
14	6200005	2	Key\SQ\1/4x1-1/2
15	5000023	4	Washer\Flat\5/16
16	5000022	4	Washer\Lock\5/16
17	5000019	12	Washer\Lock\3/8
18	5000004	4	Washer\Flat\1/2
19	5000001	16	Washer\Flat\3/8
20	4900099	36	Nut\Lock\Hex\5/16\GR8
21	4900026	2	Nut\Jam\3/8
22	4900003	4	Nut\Hex\5/16
23	4900002	12	Nut\Hex\3/8
24	4900001	4	Nut\Hex\1/2
25	4800393	36	Bolt\Hex\5/16x7/8\GR8
26	4800105	2	Screw\Set\SQ HD\3/8x1
27	4800104	2	Bolt\Hex\1/2x5
28	4800098	4	Bolt\Hex\3/8x1-1/4
29	4800013	4	Bolt\Hex\5/16x1
30	4800003	8	Bolt\Hex\3/8x1
31	3900003	1	Orbit Motor
32	2000809	8	Shaft\Collar (set)\1"
33	2000804	2	Collar\Locking\1"
34	2000703	4	2 Flangette-Plated\ 1"
35	2000002	2	1" W/Collar
36	1100150	2	Chain\2\620CA\44\w/Attach
37	1100103	2	Chain\620CA\Connect Link
	1100104		Chain\620CA\Offset Link
	1100107		Chain\620CA\Roller; with Lug
	1100142		Chain\620CA\Connect Link with Lug
	1100185		Chain\620CA\Roller Link
38	1100099	1	Chain\50DBl\CL
39	1100026	1	Chain\50DBL\13
40	1000089	2	Spkt\662\7\1\1\1/4KW\Drive
41	1000088	2	Spkt\662\7\1\Idler Cast
42	1000029	2	Spkt\50\14\1\1/4KW

BALE CONVEYOR ASSEMBLY

SERIAL NUMBER GI3267 and up



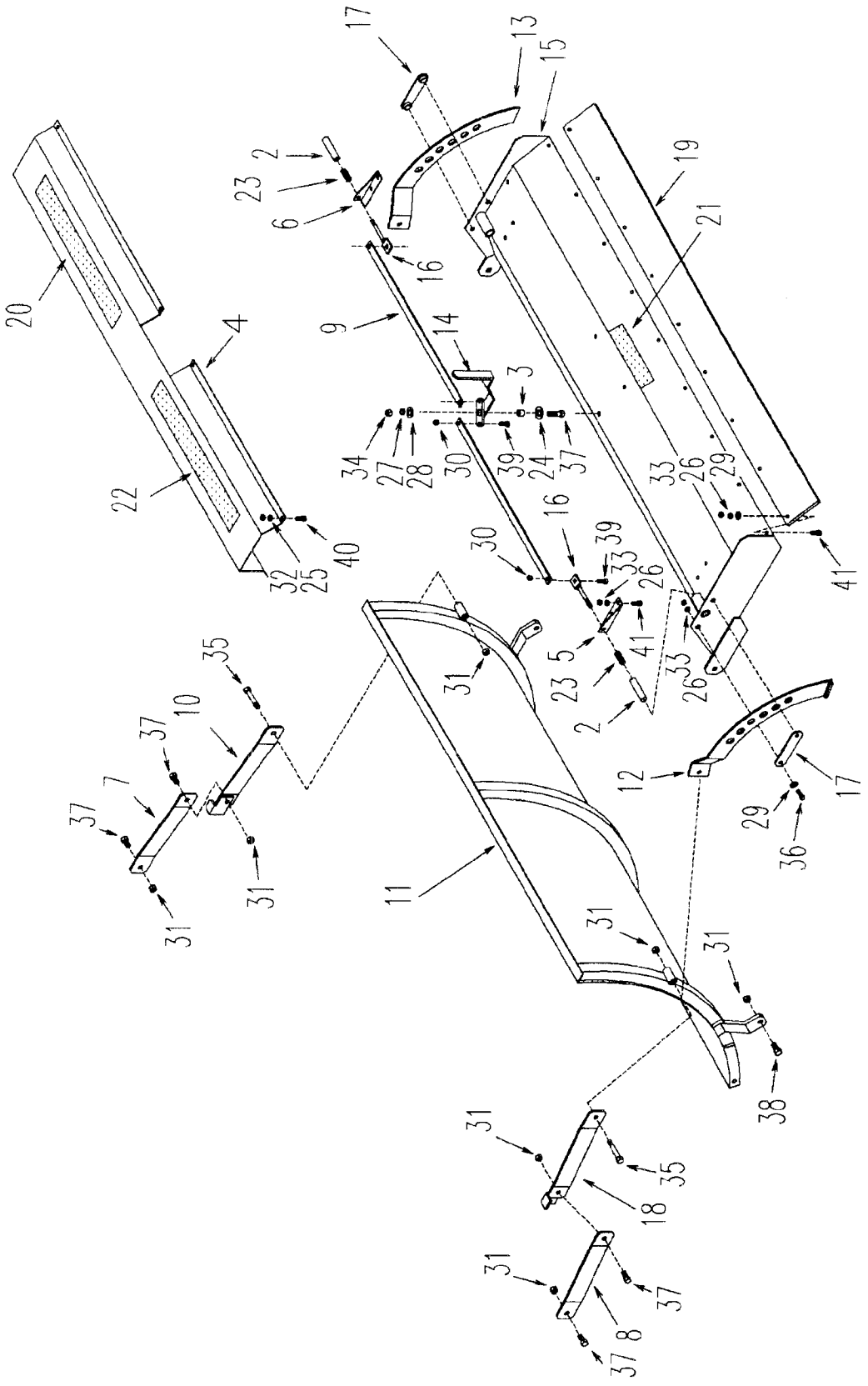
BALE CONVEYOR ASSEMBLY

SERIAL NUMBER GI3267 and up

PART	QUANTITY	DESCRIPTION
8100595		Cnvyr\Assy\3chain\256
1000029	2	Spkt\50\14\1\1/4kw\Hr
1000088	3	Spkt\662\7\1\Idler Ca
1000089	3	Spkt\662\7\1\1/4kw\Dr
1100026	1	Chain\50dbl\13
1100099	1	Chain\50dbl\Connect Link
1100103	3	Chain\620ca\ Connect Link
1100104		Chain\620ca\Offset Link
1100107		Chain\620CA\Roller; With Lug
1100142		Chain\620CA\Connect Link With Lug
1100185		Chain\620ca\Roller Link
1100150	3	Chain\620ca\44\W/Attc
2000002	2	1" W/Collar
2000804	2	Cllr\Ecc\Lock\1
2000703	4	Flgett\1\2bolt\Pltd
2000804	2	Cllr\Ecc\Lock\1
2000809	12	Cllr\Shft\1\(Set)
3900019	1	Mtr\Hyd\151-2088\Danf
4800003	8	Bolt\Hex\3/8x1
4800013	4	Bolt\Hex\5/16x1
4800098	10	Bolt\Hex\3/8x1-1/4\Nc
4800104	2	Bolt\Weld\Hex\1/2x5\T
4800105	2	Scr\Set\Aln\3/8x1\Nc
4800393	54	Bolt\Hex\5/16x7/8\Gr8
4900001	4	Nut\Hex\1/2\Nc
4900002	18	Nut\Hex\3/8\Nc
4900003	4	Nut\Hex\5/16\Nc
4900026	2	Nut\Jam\3/8\Nc
4900099	54	Nut\Tplck\5/16\Gr8\Nc
4900106	2	Nut\Nylck\3/4\Nc
5000001	28	Wash\Flat\3/8
5000004	4	Wash\Flat\1/2
5000019	18	Wash\Lock\3/8
5000022	4	Wash\Lock\5/16
5000023	4	Wash\Flat\5/16
6200005	3	Key\Sq\1/4x1-1/2
6200010	1	Key\Sq\1/4x1
6200011	1	Key\Wdf\1/4x1\#15\808
8100051	2	Tightener Bracket
8100171	4	Plastic Strip Wide Co
8100401	1	Idler Shaft 1"X71 1/2
8100409	1	Rear\Conveyor Side Ex
8100410	1	Front\Conveyor Side E
8100449	2	Guard\Twine\Cnvyr\256
8100567	1	Shft\Drv\3ch\Cnvyr\25
8100570	9	Slat\Cnvyr\3ch\256
8100585	2	Sup\Shft\Drive\Cnvyr\
8100586	1	Frm\Cnvyr\3ch\256ii
8100590	1	Pl\Rub\Chain\Cnvyr

RACK\DEFLECTOR ASSEMBLY

SERIAL NUMBER FI2743 to II4466



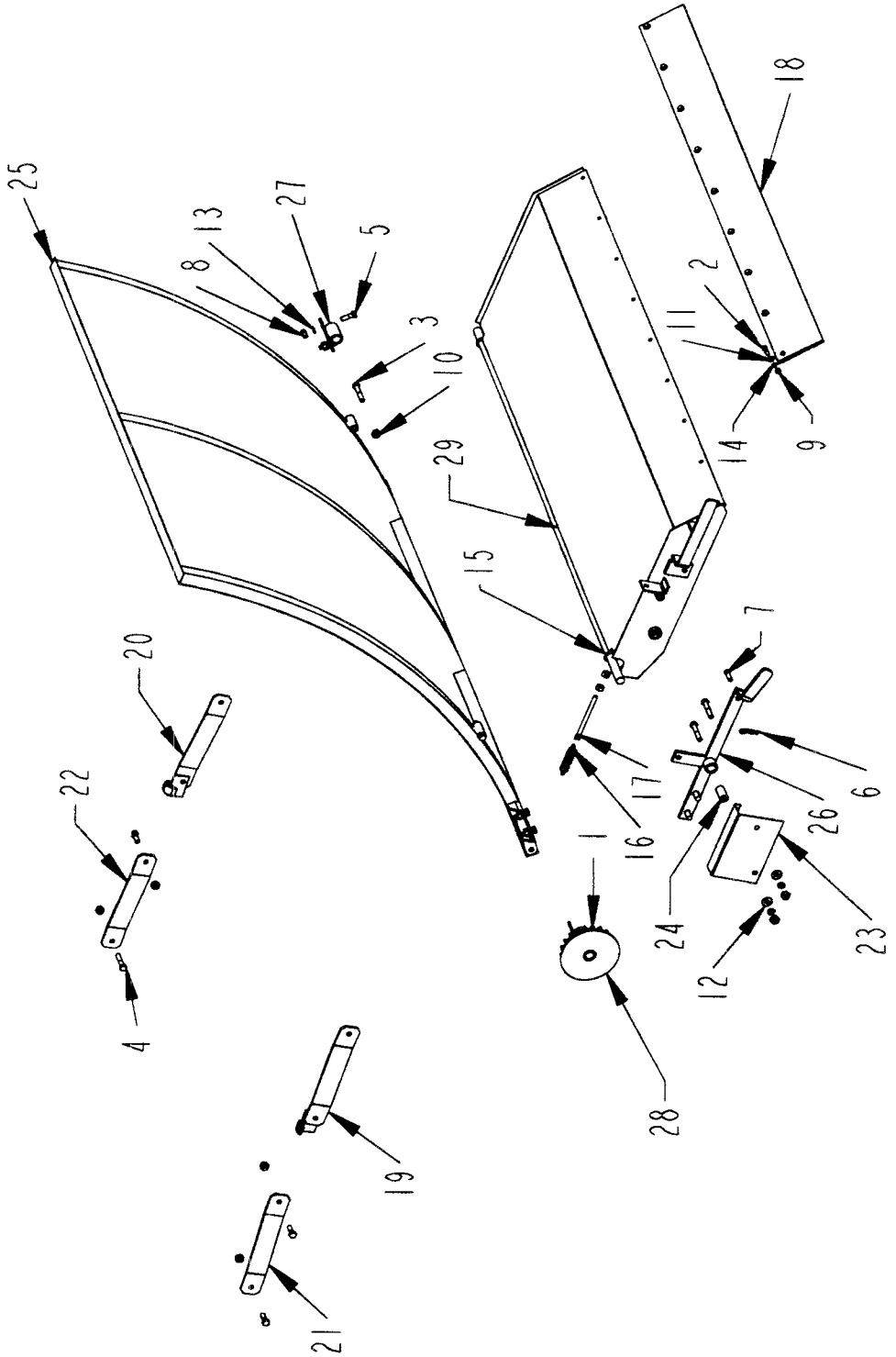
RACK\DEFLECTOR ASSEMBLY

SERIAL NUMBER FI2743 to II4466

ITEM	PART	QUANTITY	DESCRIPTION
1	8100463		Rack\Deflector\Assy
2	8100471	2	Pin\Latch\Deflector\256
3	8100470	1	Bushing\Latch\256
4	8100469	1	Cover\Latch\Deflector\256
5	8100468	1	Guide LH\Latch\256
6	8100467	1	Guide RH\Latch\256
7	8100466	1	Strap\Rear\256
8	8100465	1	Strap\Front\256
9	8100455	2	Link\Latch\Deflector\256
10	8100451	1	Strap\Weld\Rear\256+II
11	8100450	1	Rack\Curved\256
12	8100448	1	Adj Link\RH\Deflector\256 Ser.No.up to GI3266
12	8100593	1	Adj Link\RH\Deflector\256 Ser.No. GI3267 and up
13	8100447	1	Adj Link\LH\Deflector\256 Ser.No.up to GI3266
13	8100592	1	Adj Link\LH\Deflector\256 Ser.No. GI3267 and up
14	8100604	1	Latch Han\Deflector\256
15	8100445	1	Deflector\CL Latch\256
16	8100444	2	Eye Bolt\Deflector\256
17	8100443	2	Latch Mount\Deflector\256
18	8100441	1	Strap Weld\Front\256
19	8100202	1	Belting\6x70
19	8100420	1	Belting\18X69-3/4(optional)
20	6500109	1	256 Plus II Decal
21	6500034	1	Danger Flyg Hay. Rack Decal
22	6500020	1	Haybuster Decal\Sunburst
23	6100002	2	Spring\.072x.687odx2-1/8
24	5000033	1	Washer\1-5/16ODx13/16ID
25	5000022	8	Washer\Lock\5/16
26	5000019	17	Washer\Lock\3/8
27	5000006	1	Washer\lock\1/2
28	5000004	1	Washer\Flat\1/2
29	5000001	13	Washer\Flat\1/2
30	4900023	4	Nut\Toplock\3/8
31	4900014	8	Nut\Toplock\1/2
32	4900003	8	Nut\Hex\5/16
33	4900002	17	Nut\Hex\3/8
34	4900001	1	Nut\Hex\1/2
35	4800135	2	Bolt\Hex\1/2x3-1/2
36	4800098	4	Bolt\Hex\3/8x1-1/4
37	4800082	5	Bolt\Hex\1/2x1-1/2
38	4800061	2	Bolt\Crg\1/2x1-1/2
39	4800053	4	Bolt\Crg\3/8x1
40	4800008	8	Bolt\Hex\5/16x7/8
41	4800003	17	Bolt\Hex\3/8x1
	8100578		Kit\Assembly\Deflector

RACK\DEFLECTOR ASSEMBLY

SERIAL NUMBER II4467 and up

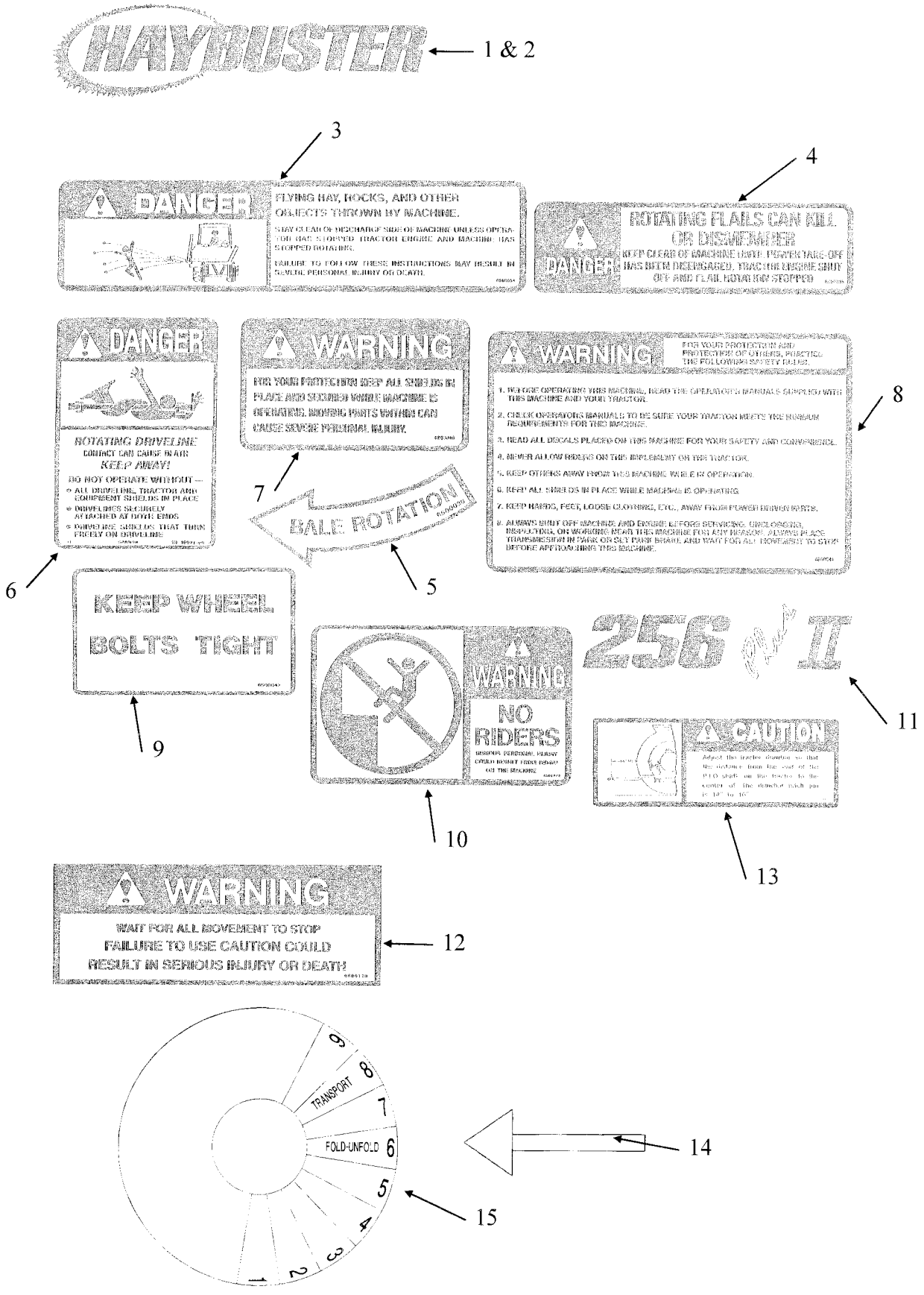


RACK\DEFLECTOR ASSEMBLY

SERIAL NUMBER II4467 and up

ITEM	PART	QTY.	PART DESCRIPTION
1	1000217	1	SPKT\80\B\20\1-1/2\3/8KW\1-1/2THRU
2	4800003	9	BOLT\HEX\3/8X1
3	4800068	4	BOLT\HEX\1/2X3
4	4800070	1	BOLT\HEX\1/2X2-1/2
5	4800082	7	BOLT\HEX\1/2X1-1/2
6	4800107	1	PIN\HAIR\1/8
7	4800610	1	PIN\CLEVIS\1/2X1-1/2
8	4900001	8	NUT\HEX\1/2\NC
9	4900002	9	NUT\HEX\3/8\NC
10	4900014	5	NUT\TPLCK\1/2\NC
11	5000001	9	WASH\FLAT\3/8
12	5000004	2	WASH\FLAT\1/2
13	5000006	6	WASH\LOCK\1/2
14	5000019	9	WASH\LOCK\3/8
15	5000040	2	WASH\BUSH;MACH\1
16	6100036	1	1 OD X 4 5/16 SPRING
17	7500716	1	ROD\ARM
18	8100202	1	BELT\DFLCTR\II
19	8100441	1	STRAP\WELD\FRONT
20	8100451	1	STRAP\WELD\REAR
21	8100465	2	STRAP\FRONT\RACK
22	8100466	2	STRAP\REAR\RACK
23	8100726	1	SHLD\LATCH\DFLCTR
24	8100727	2	BSHNG\LATCH\DFLCTR
25	8100749	1	RACK\CURVED\II
26	8100750	1	BRACKET\LATCH\DFLCTR\II
27	8100751	1	MNT\REAR\DFLCTR\II
28	8100752	1	MNT\FRONT\W-SPROCKET\II
29	8100753	1	DFLCTR\II
	8100754	1	ASSY\RACK\DFLCTR\II

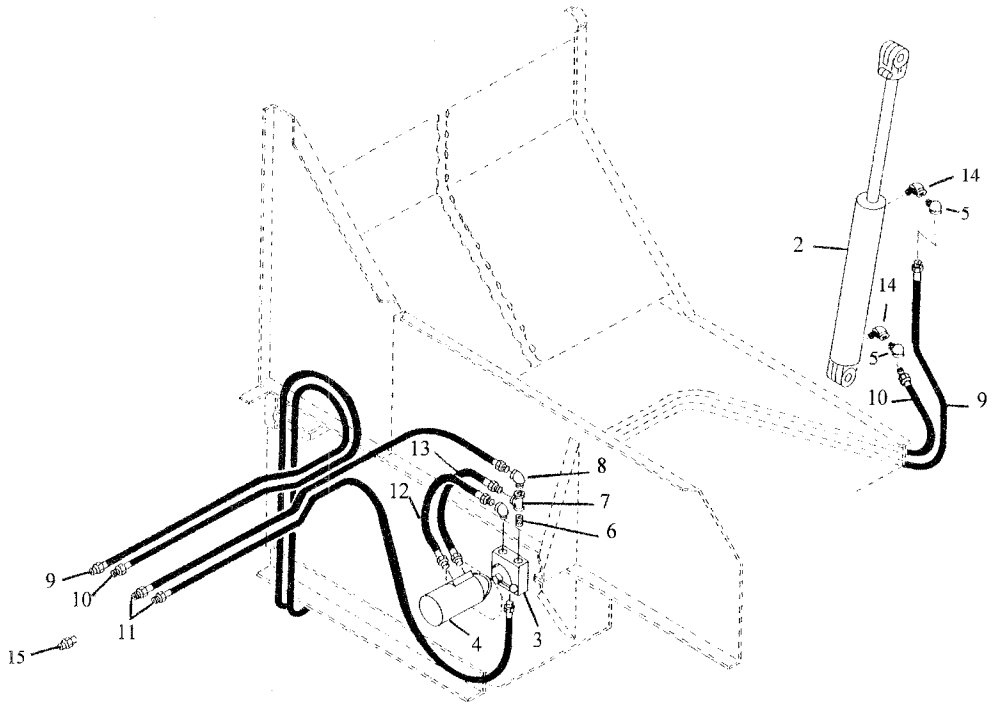
DECALS


HAYBUSTER
1 & 2
3
DANGER
FLYING HAY, ROCKS, AND OTHER OBJECTS THROWN BY MACHINE.
FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SEVERE PERSONAL INJURY OR DEATH.
4
DANGER
ROTATING FLAILS CAN KILL OR DISMEMBER
KEEP CLEAR OF MACHINE UNTIL P.T.O. HAS BEEN DISENGAGED, TRACTOR ENGINE SHUT OFF AND FLAIL ROTOR HAS STOPPED
DANGER
ROTATING DRIVELINE
CONTACT CAN CAUSE DEATH
KEEP AWAY!
DO NOT OPERATE WITHOUT —
ALL DRIVELINE, TRACTOR AND EQUIPMENT SHIELDS IN PLACE
DRIVELINES SECURELY ATTACHED AT BOTH ENDS
DRIVELINE SHIELDS THAT TURN FREELY ON DRIVELINE
WARNING
FOR YOUR PROTECTION KEEP ALL SHIELDS IN PLACE AND SECURED WHILE MACHINE IS OPERATING. MOVING PARTS WITHIN CAN CAUSE SEVERE PERSONAL INJURY.
7
WARNING
FOR YOUR PROTECTION AND PROTECTION OF OTHERS, PRACTICE THE FOLLOWING SAFETY RULES.
1. BEFORE OPERATING THIS MACHINE, READ THE OPERATOR'S MANUALS SUPPLIED WITH THIS MACHINE AND YOUR TRACTOR.
2. CHECK OPERATOR'S MANUALS TO BE SURE YOUR TRACTOR MEETS THE MINIMUM REQUIREMENTS FOR THIS MACHINE.
3. READ ALL DECALS PLACED ON THIS MACHINE FOR YOUR SAFETY AND CONVENIENCE.
4. NEVER ALLOW RIDERS ON THIS IMPLEMENT OR THE TRACTOR.
5. KEEP OTHERS AWAY FROM THIS MACHINE WHILE IN OPERATION.
6. KEEP ALL SHIELDS IN PLACE WHILE MACHINE IS OPERATING.
7. KEEP HANDS, FEET, LOOSE CLOTHING, ETC., AWAY FROM POWER DRIVEN PARTS.
8. ALWAYS SHUT OFF MACHINE AND ENGINE BEFORE SERVICING, DISCHARGING, INSPECTING, OR WORKING NEAR THIS MACHINE FOR ANY REASON. ALWAYS PLACE TRANSMISSION IN PARK OR SET PARK BRAKE AND WAIT FOR ALL MOVEMENT TO STOP BEFORE APPROACHING THIS MACHINE.
8
BALE ROTATION
5
6
KEEP WHEEL BOLTS TIGHT
9
WARNING
NO RIDERS
SERIOUS PERSONAL INJURY COULD RESULT FROM RIDERS ON THE MACHINE
10
256 PLUS II
11
CAUTION
13
WARNING
WAIT FOR ALL MOVEMENT TO STOP
FAILURE TO USE CAUTION COULD RESULT IN SERIOUS INJURY OR DEATH
12
TRANSPORT
FOLD-UNFOLD
9
8
7
6
5
4
3
2
1
14
15

DECALS

ITEM	PART NUMBER	QUANTITY	DESCRIPTION
1	6500020	2	Haybuster 24"
2	6500146	1	Haybuster 9"
3	6500034	2	Danger, Flying Hay
4	6500035	2	Danger, Rotating Flails
5	6500036	1	Bale Rotation
6	6500085	1	Danger Rotating Drive Line
7	6500040	2	Warning, Keep All Shields in Place
8	6500041	1	Warning, For Your Protection
9	6500042	1	Keep Wheel Bolts Tight
10	6500043	1	Warning, No Riders
11	6500109	3	256+II
12	6500110	2	Warning, Wait For All Movement to Stop
13	6500057	1	Adjust Tractor Drawbar
14	6500291	1	Decal\Info\3\Blk\Arrow
15	6500292	1	Decal\Info\Fold-Unfold
	6500102	3	Decal\Logo\Stripe\Red\Ft
	6500267	3	Decal\Warn\2\Red\Refct
	6500268	2	Decal\Warn\2\Amber\Refct
	7500077		12 Oz Yellow Spray Paint
	7500092		Quart Yellow Paint
	7500091		Gallon Yellow Paint
	7500078		12 Oz Red Spray Paint
	7500105		Quart Red Paint
	7500104		Gallon Red Paint
	6500171		Decal\Kit\256+II

HYDRAULICS



ITEM	PART	QTY	DESCRIPTION
1	8100462		Hyd\Assy\256+II
2	4100160 **OR**	1	Cyl\Hyd\4x24\TR\1-3/4ROD\1"pin (TIE ROD)
	4100151 **OR**	1	Cyl\Hyd\4X24\W\1-3/4ROD\1"pin (WELDED)(PRINCE)
	4100188	1	Cyl\Hyd\4X24\W\1-3/4ROD\1"pin (WELDED)(RAM)
3	4000070	1	Full Flow Valve RD 15016
4	3900003	1	M-207 Orbit Motor
4	3900019	1	151-2088 Orbit Motor
5	3800431	2	Ftg\1/2mp x 1/2fps\90d\st;ell\rst\1/8
6	3800045	1	1/2 x 2 Nipple
7	3800009	1	1/2" Tee
8	3800008	3	1/2" 90 Deg Street Elbow
9	3700346	1	Hose\Hyd\1/2x287\SW-SO
10	3700347	1	Hose\Hyd\1/2x261\SW-SO
11	3700318	2	Hose\Hyd\1/2x126\SO-SO
12	3700065	1	Hose\Hyd\1/2x16\SW-SO
13	3700018	1	Hose\Hyd\1/2x18\SW-SO
14	3800048	2	Ftg\3/4MORx1/2FP\90Deg
15	3800525	4	Ftg\1/2NPTF\Quick Coupler
	7500360	4	Grommet\Rubber\2X1.75IDX1/4T

HYDRAULICS

WELDED CYLINDER
RAM
PARTS FOR CYL\HYD\4X24\W\1-3/4ROD\1" PIN\4100188(NOT SHOWN)

PART NO.	QTY	DESCRIPTION
4100190	1	Cyl\Hyd\Seal Kit\4\1-3/4Rod RAM

WELDED CYLINDER
PRINCE
PARTS FOR CYL\HYD\4X24\W\1-3/4ROD\1" PIN\4100151(NOT SHOWN)

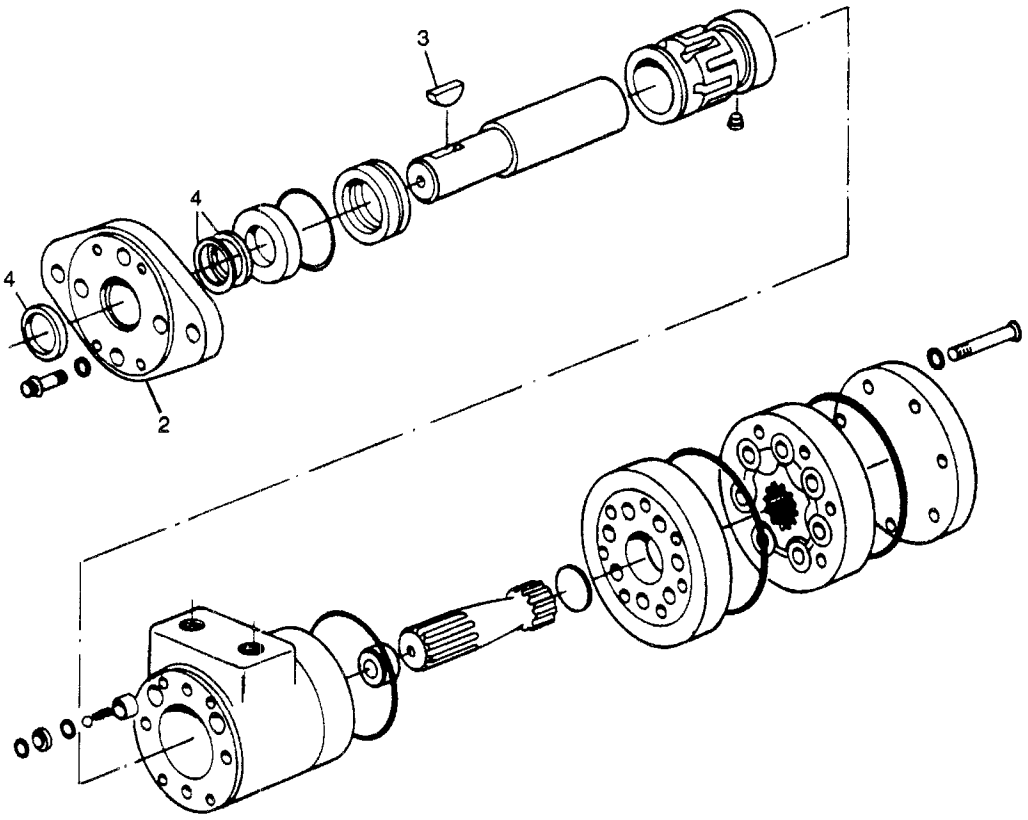
PART NO.	QTY	DESCRIPTION
4100152	1	Cyl\Hyd\Piston\4"
4100153	1	Cyl\Hyd\Barrel\4x24
4100154	1	Cyl\Hyd\Rod\1-3/4\4x24
4100155	1	Cyl\Hyd\Gland\4\1-3/4Rod
4100156	1	Cyl\Hyd\Yoke\4x24
4100157	1	Cyl\Hyd\Seal Kit\4\1-3/4Rod PRINCE

TIE ROD CYLINDER

PARTS FOR CYL\HYD\4X24\TR\1-3/4ROD\1"PIN\4100160(NOT SHOWN)

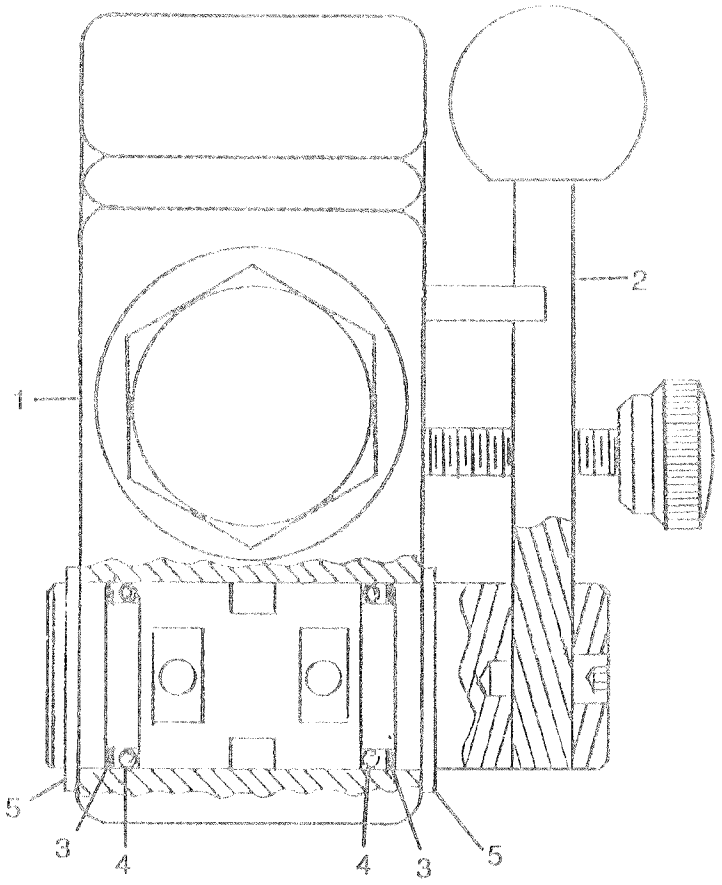
PART NO.	QTY	DESCRIPTION
4100161	1	Cyl\Hyd\Rod\1-3/4\4x24
4100162	1	Cyl\Hyd\Gland\4\1-3/4Rod
4100163	1	Cyl\Hyd\Seal lit\4\1-3/4Rod
4100164	1	Cyl\Hyd\Piston\4"
4100165	1	Cyl\Hyd\Barrel\4x24
4100156	1	Cyl\Hyd\Yoke\4x24

ORBIT MOTOR



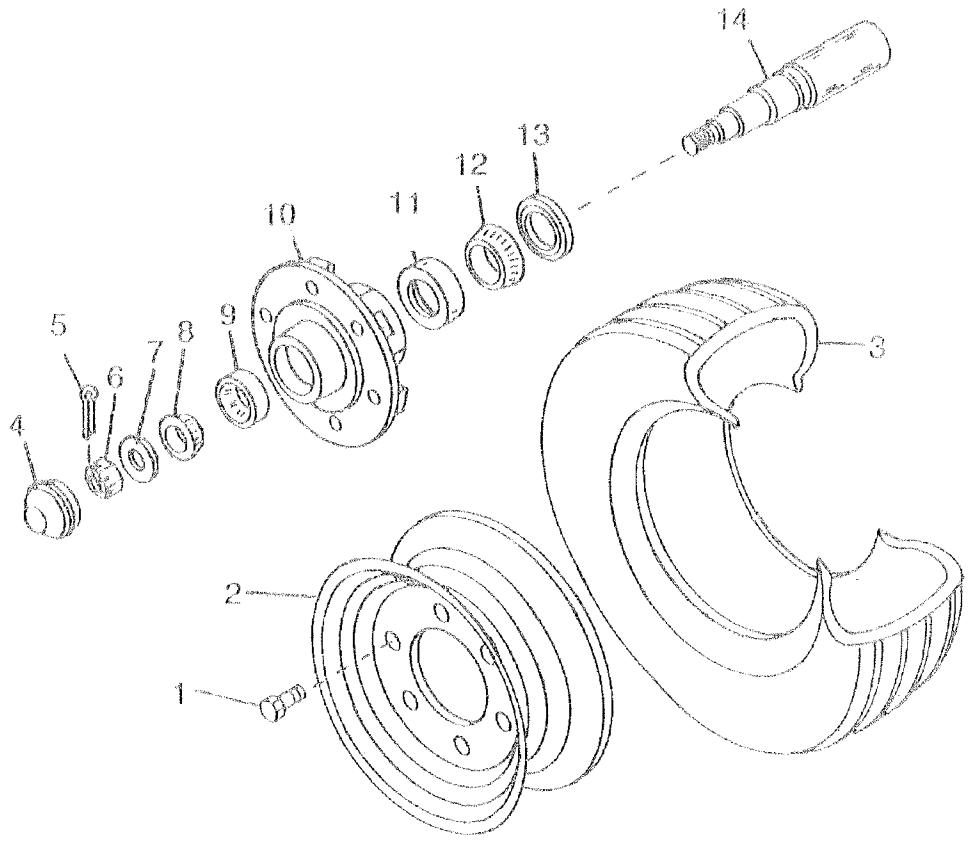
ITEM	PART NUMBER	QUANITITY	DESCRIPTION
1	3900003		Orbit Motor Complete, 207
1	3900008		Orbit Motor Complete, 208
1	3900019		Orbit Motor Complete 151-2008
2	3900002	1	Mounting Flange
3	6200011	1	Key, Woodruff
4	7501038	1	Seal Kit for 3900003 and 3900008

FLOW CONTROL VALVE



ITEM	PART NUMBER	QUANITITY	DESCRIPTION
1	4000070	1	Flow Control Valve
2	4000031	1	Handle Assembly
3	4000032	2	Backup Seal
4	4000033	2	O-Ring
5	4000034	2	Snap Ring

AXLES AND WHEELS



ITEM	PART NUMBER	QUANITITY	DESCRIPTION
1	2900012	6	Wheel Bolts, Per Hub
2	2600624	2	Wheel, 15" x 10 6-Bolt
3	2600023	2	Tire, 11L x 15
4	2900013	1	Cap
5	4800157	1	PIN\COT\3/16X2
6	4900054	1	Nut, Spindle
7	5000055	1	Washer, 7/8 Flat
8	2900018	1	Cone, Outer
9	2900004	1	Cup, Outer
10	NA	1	Hub
11	2900006	1	Cup, Inner
12	2900007	1	Cone, Inner
13	2900008	1	Grease Seal
14	8100634	1	Spndl\12 x 2\Bale-Processor, Less Nut and Key
	2900069	1	Hub Complete, Includes Items 4-13