HAYBUSTER®

2655™ BALEBUSTER

Serial Number 26IJ000155 & Up

Operating Instructions and Parts Reference

DURATECH INDUSTRIES

PO Box 1940, Jamestown, ND 58402-1940

January 2010

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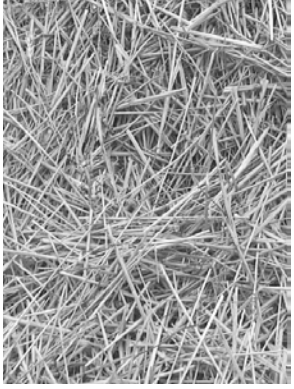

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Operating Instructions and Parts Reference

DuraTech Industries International Inc. (DuraTech Industries) has made every effort to assure that this manual completely and accurately describes the operation and maintenance of the *2655 BALEBUSTER*™ as of the date of publication. DuraTech Industries reserves the right to make updates to the machine from time to time. Even in the event of such updates, you should still find this manual to be appropriate for the safe operation and maintenance of your unit.

This manual, as well as materials provided by component suppliers to DuraTech Industries are all considered to be part of the information package. Every operator is required to read and understand these manuals, and they should be located within easy access for periodic review.

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Foreword

All personnel must read and understand the following sections before operating the *2655 BALEBUSTER™*.

- Section 2, ”Dealer Preparation,” to verify that the machine has been prepared for use.
- Foreword and Section 1, important safety information.
- Section 3.1, “Pre-Operation Inspection”.

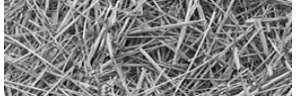
Appropriate use of unit

Your model *2655 BALEBUSTER* is designed to load and shred most types of baled livestock forage. It is designed for use on large round bales.

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 *2655 BALEBUSTER* has multiple uses:

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

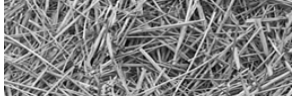


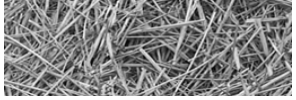
Operator protection

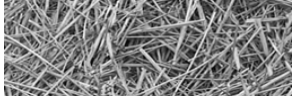
As with all machinery, care needs to be taken in order to insure the safety of the operator and those in the surrounding area.

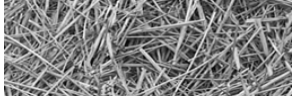
The OPERATOR IS RESPONSIBLE for the safety of the operator and those in the surrounding area.

Operators of the 2655 BALEBUSTER are encouraged to wear head, eye, and ear protection, loose clothing is discouraged.









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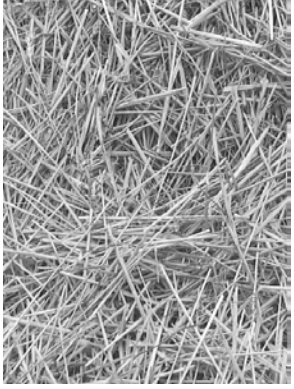

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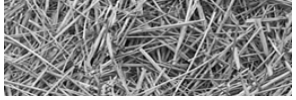
PART 1: Operating Instructions



Introduction

Your model 2655 BALEBUSTER™ is designed to load and shred most types of livestock forage. It is designed specifically for use on 6 foot diameter round bales weighing up to 2,000 pounds and 6 feet in length.

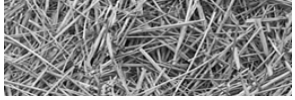
To avoid possible damage to the machine and risk of injury to the operator, consult with a DuraTech Industries International, Inc. (DuraTech Industries) representative before attempting to shred materials other than livestock forage.

Purpose

The purpose of this owner's manual is to explain maintenance requirements and routine adjustments for the most efficient operation of your 2655 BALEBUSTER. There is also a trouble shooting section that may help in case of problems in the field. Any information not covered in this manual may be obtained from your dealer.

Special Note: When reference is made as to front, rear, right hand or left hand of this machine, the reference is always made from standing at the rear end of the machine and looking towards the hitch. Always use serial number and model number when referring to parts or problems. Please obtain your serial number and write it below for your future reference.

MODEL: 2655 BALEBUSTER SERIAL NO_____



How to use this manual

Manual organization

This manual is organized into the following parts:

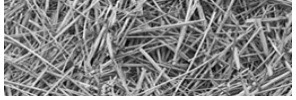
- **Part 1: Operating instructions** explain how to set up, use and maintain the 2655 BALEBUSTER.
- **Part 2: Parts reference** contains diagrams of each assembly, with the part number of each part. A key on the facing page contains a description of the part and the quantity used.

Dealer responsibilities

- Read Section 2, “Dealer Preparation,” and perform the tasks outlined. Also perform a pre-operation inspection as described in Section 3.2.1.
- Upon delivery of the unit to the customer, it is your responsibility to conduct a training session on the safe operation of the unit for the primary operator(s). You must also conduct a “walk-around” inspection of all safety instructional decals on the machine itself. Decals are illustrated in **Part 2: Parts Reference**.
- Complete and return the Warranty Registration Card. Receipt of this form is required to activate the warranty. **Appendix A** provides details of the warranty.

Operator responsibilities

- Operator is responsible for his safety.
- Operator is also responsible for safety of others near the machine.
- Review Section 2, ”Dealer Preparation,” to verify that the machine has been prepared for use.
- Thoroughly review sections 1 and 3, which explain normal operation of the machine, and section 4, which explain maintenance requirements.
- Note the important safety information in the Foreword and in Section 1, “Safety.”
- Keep copies of all manuals in a readily accessible location for future reference.



Section 1: Safety

The safety of the operator is of great importance to DuraTech Industries. 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 Haybuster equipment.

WARNING: FAILURE TO COMPLY WITH SAFETY INSTRUCTIONS THAT FOLLOW WITHIN THIS MANUAL COULD RESULT IN SEVERE PERSONAL INJURY OR DEATH. BEFORE ATTEMPTING TO OPERATE THIS MACHINE, CAREFULLY READ ALL INSTRUCTIONS CONTAINED WITHIN THIS MANUAL. ALSO READ THE INSTRUCTION MANUAL PROVIDED WITH YOUR TRACTOR.

THIS MACHINE IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THOSE EXPLAINED IN THE OPERATOR'S MANUAL, ADVERTISING LITERATURE OR OTHER DURATECH INDUSTRIES WRITTEN MATERIAL PERTAINING TO THE 2655 BALEBUSTER.

1.1 Safety-alert symbols

Decals are illustrated in **Part 2: Parts Reference.**

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:

- Keep decals clean. Use soap and water - not mineral spirits, adhesive cleaners and other similar cleaners that will damage the decal.
- 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 be also be clean and dry.
- When replacing a machine component to which a decal is attached, be sure to also replace the decal.

DuraTech Industries uses industry accepted **ASAE** standards in labeling its products for safety and operational characteristics.

Safety-Alert Symbol

Read and recognize safety information. Be alert to the potential for personal injury when you see this safety-alert symbol.

DANGER: Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations, typically for machine components that, for functional purposes, cannot be guarded.

DANGER:
Signal word - White Lettering/Red Background
Safety Alert Symbol - White Triangle/Red Exclamation Point

WARNING: Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

WARNING:
Signal word - Black Lettering/Orange Background
Safety Alert Symbol - Black Triangle/Orange Exclamation Point

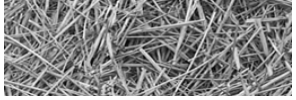
CAUTION: Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

CAUTION:
Signal word - Black Lettering/Yellow Background
Safety Alert Symbol - Black Triangle/Yellow Exclamation Point

This manual uses the symbols to the right to denote important safety instructions and information.

The **DANGER**, **WARNING** and **CAUTION** symbols are used to denote conditions as stated in the text above. Furthermore, the text dealing with these situations is surrounded by a box with a white background, will begin with **DANGER**, **WARNING**, or **CAUTION**.

The **INFORMATION** symbol is used to denote important information or notes in regards to maintenance and use of the machine. The text for this information is surrounded by a box with a light grey background, and will begin with either **Important** or **Note**.



1.2 Operator - personal equipment

THE OPERATOR

Physical Condition

You must be in good physical condition and mental health and not under the influence of any substance (drugs, alcohol) which might impair vision, dexterity or judgment.

Do not operate a **2655 BALEBUSTER** when you are fatigued. Be alert - If you get tired while operating your **2655 BALEBUSTER,** take a break. Fatigue may result in loss of control. Working with any farm equipment can be strenuous. If you have any condition that might be aggravated by strenuous work, check with your doctor before operating

Proper Clothing

Clothing must be sturdy and snug-fitting, but allow complete freedom of movement. Avoid loosefitting jackets, scarfs, neckties, jewelry, flared or cuffed pants, unconfined long hair or anything that could become entangled with the machine.

Protect your hands with gloves when handling flail and sections. Heavyduty, nonslip gloves improve your grip and protect your hands.

Good footing is most important. Wear sturdy boots with nonslip soles. Steel-toed safety boots are recommended.

To reduce the risk of injury to your eyes never operate a **2655 BALEBUSTER** unless wearing goggles or properly fitted safety glasses with adequate top and side protection.

Tractor noise may damage your hearing. Always wear sound barriers (ear plugs or ear mufflers) to protect your hearing. Continual and regular users should have their hearing checked regularly.

1.3 Machine safety labels

The safety decals located on your machine contain important information that will help you operate your equipment. Become familiar with the decals and their locations.

DANGER: FLYING HAY, ROCKS, AND OTHER OBJECTS THROWN BY MACHINE.

STAY CLEAR OF DISCHARGE SIDE OF MACHINE UNLESS OPERATOR HAS STOPPED TRACTOR ENGINE AND MACHINE HAS STOPPED ROTATING. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SEVERE PERSONAL INJURY OR DEATH.

6500034

DANGER: ROTATING FLAILS CAN KILL OR DISMEMBER

KEEP CLEAR OF MACHINE UNTIL POWER TAKE-OFF HAS BEEN DISENGAGED, TRACTOR ENGINE SHUT OFF AND FLAIL ROTATION STOPPED

6500035

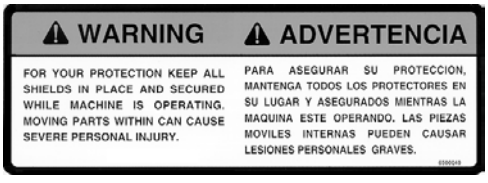
DANGER: ROTATING DRIVELINE, CONTACT CAN CAUSE DEATH, KEEP AWAY!

DO NOT OPERATE WITHOUT

- ALL DRIVELINE GUARDS, TRACTOR AND EQUIPMENT SHIELDS IN PLACE
- DRIVELINES SECURELY ATTACHED AT BOTH ENDS
- DRIVELINE GUARDS THAT TURN FREELY ON DRIVELINE

6500085

WARNING: FOR YOUR PROTECTION KEEP ALL SHIELDS IN PLACE AND SECURED WHILE MACHINE IS OPERATING MOVING PARTS WITHIN CAN CAUSE SEVERE PERSONAL INJURY.



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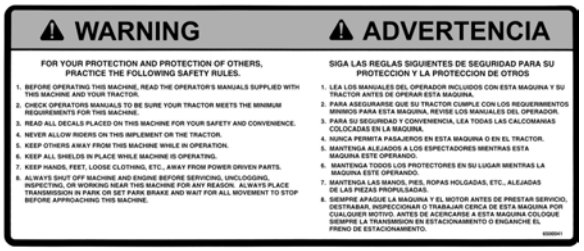
WARNING: FOR YOUR PROTECTION AND PROTECTION OF OTHERS, **PRACTICE THE FOLLOWING SAFETY RULES**.

1. BEFORE OPERATING THIS MACHINE, READ THE OPERATOR'S MANUALS SUPPLIED WITH THIS MACHINE AND YOUR TRACTOR.
2. CHECK OPERATORS 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, UNCLOGGING, 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.



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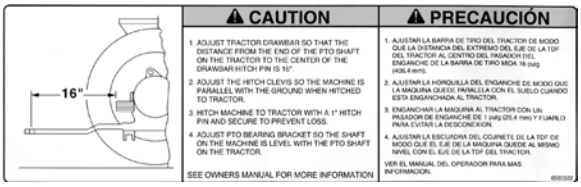
CAUTION: ADJUST TRACTOR DRAWBAR SO THAT THE DISTANCE FROM THE END OF THE P.T.O. SHAFT ON THE TRACTOR TO THE CENTER OF THE DRAWBAR HITCH PIN IS 16".



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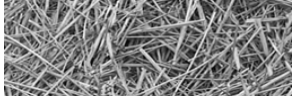
- Replacement decals can be purchased from your Haybuster dealer.



1.4 Shielding

Shields are installed for your protection. Keep them in place, and replace damaged shields.

1.5 Safety review Section

BEFORE OPERATING

- Read and follow all instructions contained in:

  a. This 2655 BALEBUSTER operator's manual

  b. Tractor operator's manual

  c. Decals placed on the 2655 BALEBUSTER.

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

- Allow only responsible, properly instructed individuals to operate your machine. Carefully supervise inexperienced operators.
- Use a tractor which meets the tractor requirement contained within this manual. Additional weights may be necessary.
- 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.
- Be sure all bystanders and other workers are clear before starting tractor and 2655 BALEBUSTER.
- Make no modifications to the machine unless specifically recommended or requested by DuraTech Industries.
- Check periodically for breaks or unusual wear and make any necessary repairs.
- Be sure the unit is securely attached to a tractor of equal or greater weight than the 2655 BALEBUSTER and bale.
- If required install P.T.O. 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 or death due to accidental contact with rotating flails.

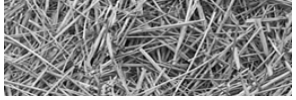
  a. Everyone must be kept clear of work area except operator seated at tractor controls.

  b. Disengage P.T.O. and make sure everyone is clear of machine before starting engine.

- Enforce the following safety precautions and others contained in this manual to prevent injury due to accidental contact with flying material thrown by flails.

  a. Keep bystanders away from work area.

  b. Keep shield in place and in good condition.



c. Watch out for and avoid any object that might interfere with the proper operation of the machine.

d. Replace missing or damaged flails.

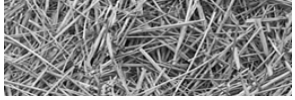
- Power takeoff shafts must be locked in place with protective P.T.O. shields in place.
- Keep hands, feet and clothing away from power driven parts.
- Never leave tractor controls unattended while the engine is running.
- Never allow riders on the machine at any time.
- Be sure the tractor operator is the only person riding on the tractor.
- Exercise extreme care when operating on rough and/or steep terrain. Avoid operation on terrain which is excessively rough or steep.
- Make sure your tractor P.T.O. speed never exceeds 1000 rpm.
- Always stand to the side of the loader when moving transport pins. **Never stand under the loader unless the pins are installed in the upper holes on both sides.** Never force pins out of position, when the loader is fully raised pins can be moved easily.

DURING SERVICE & MAINTENANCE

- Before working on or near the 2655 BALEBUSTER for any reason, including servicing, cleaning, unplugging or inspecting machine, use normal shut-down procedures unless instructed differently in this manual.
- Never work on or near 2655 BALEBUSTER unless engine is shut off and flails stopped.
- Check periodically and tighten any loose bolts or connections.
- Use only replacement parts that are recommended by DuraTech Industries.
- 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.
- Hydraulic fluid escaping under pressure can be invisible 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.
- 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.

1.6 Towing/road transport

- Use good judgment and drive slowly over rough or uneven terrain.
- Be sure tractor brakes are properly adjusted and foot pedals are locked together.
- When preparing implement for transport, always use loader transport pins to secure bale loader in raised position. **Do not remove transport pins until hydraulic hoses have been charged and cylinder is fully extended.** Never force pins out of position, when the loader is fully raised pins can be moved easily.
- Check your state laws regarding the use of lights, slow moving vehicle signs, safety chain and other possible requirements.

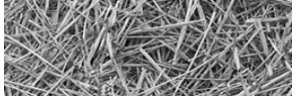


Section 2: Dealer preparation

2.1 Pre-delivery inspection

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

- ❑ Check machine for missing items or damage in transit.
- ❑ Check for loose bolts or set screws.
- ❑ Check all hydraulics components for leaks or damage.
- ❑ Check oil level in chain case. (fill with hydraulic oil)
- ❑ Check lug bolts for tightness, torque to 85 to 90 Ft. lbs.
- ❑ Check for loose flail bolts, torque to 200 Ft lbs.
- ❑ 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.



2.2 Shipping list and illustration for SN 26IJ000155 and up

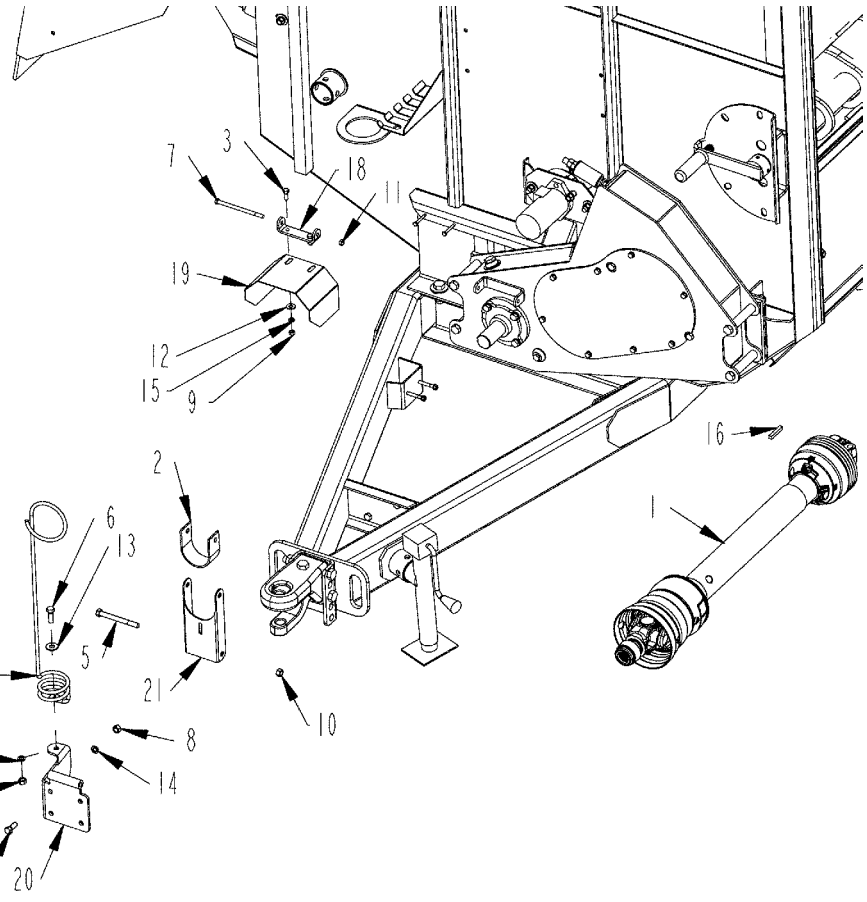
ITEM	PART	QTY.	PART DESCRIPTION
1	3600684	1	PTO\44E\CAT5\80CV\21SP\1-3/8>
2	4500754	1	BELT\BRKT\PTO
3	4800003	2	BOLT\HEX\3/8X1
4	4800018	4	BOLT\HEX\1/2X1-1/4
5	4800041	1	BOLT\HEX\1/2X5
6	4800082	1	BOLT\HEX\1/2X1-1/2
7	4800210	1	BOLT\HEX\3/8X6
8	4900001	7	NUT\HEX\1/2\NC
9	4900002	2	NUT\HEX\3/8\NC
10	4900014	1	NUT\TPLCK\1/2\NC
11	4900023	1	NUT\TPLCK\3/8\NC
12	5000001	2	WASH\FLAT\3/8
13	5000004	1	WASH\FLAT\1/2
14	5000006	7	WASH\LOCK\1/2
15	5000019	2	WASH\LOCK\3/8
16	6200020	1	KEY\SQ\3/8X2-1/4\HARDEND
17	7500170	1	HOSE MINDER
18	8101076	1	MNT\SHLD\DRV
19	8101795	1	SHLD\PTO
20	8101796	1	MNT\HOSEMINDER\MNFRM
21	8101803	1	BRKT\PTO

NOT SHOWN

	4800908	2	BOLT\CRG\1/2X1

LOADER TINES

11	4800471	BOLT\HEX\1X7\NC	2
16	4900127	NUT\TPLCK\1\NC	2
24	8101033	TINE\SQ\LEFTHAND	1
29	8101075	TINE\SQ\RIGHTHAND	1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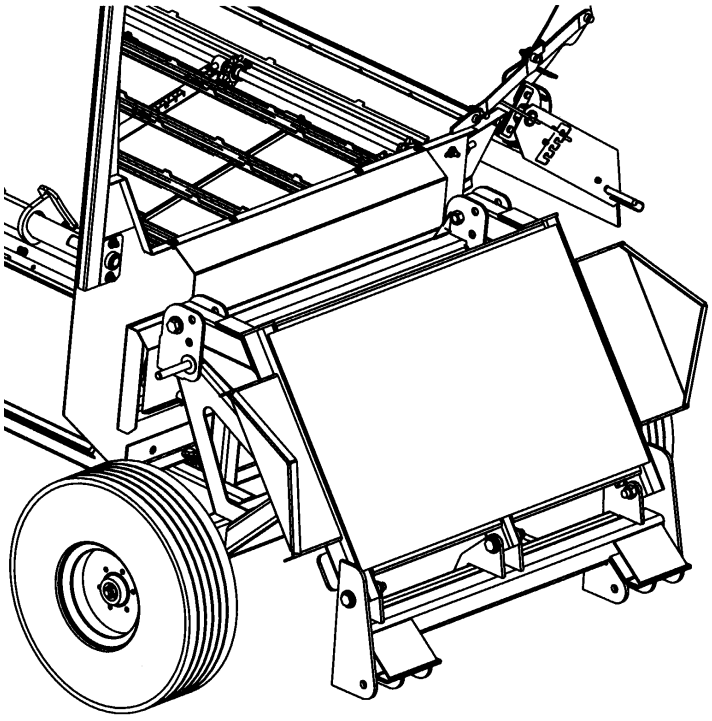

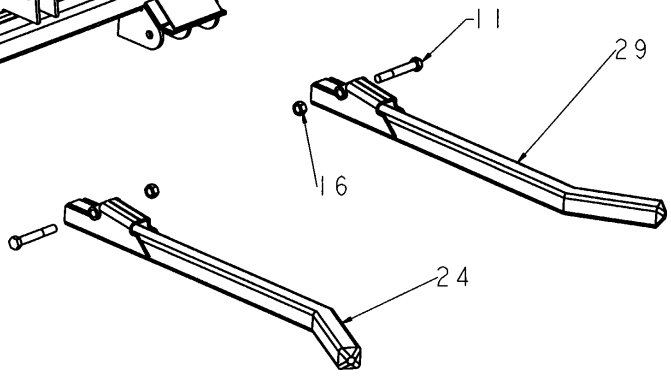
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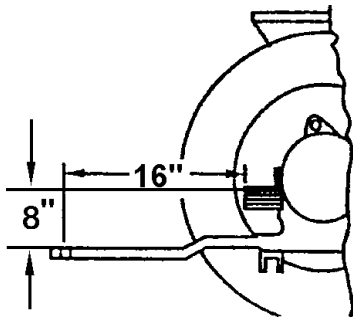
2.3 Assembly required

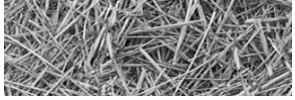


1. Adjust the tractor drawbar so that the distance from the end of the P.T.O. shaft on the tractor to the center of the drawbar hitch pin hole should be 16" (41 cm.), and the height for the top of the centerline of the P.T.O. should be 8" Refer to figure at right.
2. Hitch the 2655 BALEBUSTER to the tractor drawbar. Adjust the hitch so machine is parallel with ground.
3. The hitch pin should be sized to prevent excessive movement, and should extend through all components of the hitch. The pin should be secured with a hairpin clip or suitable device to prevent the loss of the pin.
4. Adjust the hitch so the machine will be parallel with the ground. Hitch the 2655 BALEBUSTER to the tractor drawbar.
5. Raise the jack, pull the lock pin and store in the transport position.
6. 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.
7. Extend the loader hydraulic cylinder and hold the loader in the fully raised position. Remove the loader transport pin and place them in the storage position, (the lowest hole in the bracket). Retract the loader hydraulic cylinder completely, so the loader is in the lowest position.

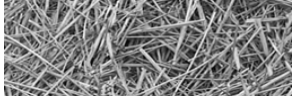
NOTE: Always stand to the side of the loader when moving the transport pins.

8. Mount tines #8100033 and #8101075 and in the left mounting bracket, this is the standard position. For small bales, use the inner brackets, and for the large bales use the outer brackets. Bolt in place using (2) 1x7 bolts #4800471 and lock nuts #4900127. See illustration on page 13.
9. Bolt Hose Minder \ P.T.O. Stand bracket #810796 to mainframe with (4) 1/2 x1-1/4" bolts, lock washers, and nuts.
10. Bolt PTO stand #8101803 to Hose Minder \P.T.O. Bracket with (1) 1/2 x5" bolt #4800041 and 1/2" top lock nut #4900014.
11. Install belting #4500754 on P.T.O. Stand Bracket with (2) 1/2x1" carriage bolts #4800908, lock washers, and nuts.
12. Loosely assemble P.T.O. shield #8101795 and mounting bracket #8101076, using (2) 3/8 x 1 bolts

    #4800003 flat washer lock washers and nuts.



13. Bolt drive shield assembly to chain case, with (1) 3/8 x 6 bolt #4800210, and a lock nut. Shield must hinge freely, See illustration on page 13.
14. Lower shield over P.T.O.. Tighten bolts assembled in step 12.
15. Mount P.T.O. shaft #3600684 and hardened key #6200020 on chain case and lock set screws and tighten ½ x 3 bolt #4800068 and lock nut.
16. Attach the P.T.O. shaft to the tractor P.T.O. shaft. Depress coupling and slide the coupling onto the splined shaft. Make sure the spring loaded safety catch is properly seated.
17. Bolt hose minder #7500170 to bracket using (1) 1/2x1-1/2 bolt, flatwasher, lockwasher, nut.
18. Pull deflector and rack assembly out into operating position.
19. If required, install safety chain. Check local regulations regarding safety chain requirements.
20. Follow lubrication instructions found on pages 34-36 **before** use.
21. This machine is set up to operate on 1000 1-3/8" only!



Section 3: Operation

To insure long life and economical operation, we highly recommend the operator of the 2655 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 2655 BALEBUSTER.

3.1 Pre-starting inspection instructions

WARNING: Before inspecting the machine, use the normal shut-down procedure on page 17**.**

Check the following:

- ❑ 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.

- ❑ Check for loose bolts,worn or broken parts.
- ❑ Lug nuts for tightness.
- ❑ Condition of tire rims.
- ❑ Tires for proper air pressure.
- ❑ Installation and condition of flails.
- ❑ Rotor for twine build-up.
- ❑ Chains and belts for proper tension, and condition.
- ❑ Installation and condition of shields.
- ❑ Installation of slow moving vehicle (SMV) sign if required.
- ❑ Condition of decals.
- ❑ Condition of flails and for loose flail anchor bolts. Torque to 200 Ft lbs.

3.2 Normal shutdown procedure

For your safety and the safety of others, you must use the following normal shut-down procedure before leaving the tractor controls unattended for any reason, including servicing, cleaning, or inspecting the 2655 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 P.T.O..

b. Lower machine to ground level.

c. Place transmission in park or set park brake.

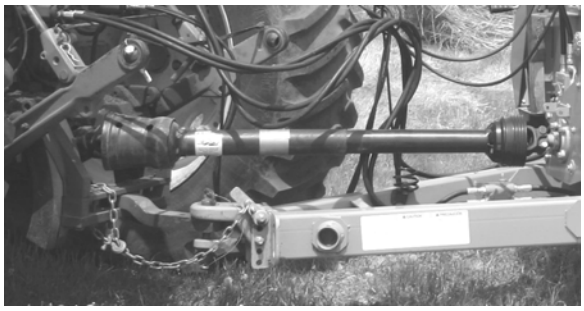
d. Shut off engine and remove key.

e. Wait for all movement to stop.

3.3 Adjustments

3.3.1 Hitch Adjustment

The hitch is adjustable so that the machine is parallel to the ground when attached to the tractor drawbar. This is accomplished by removing the two mounting bolts and reinstalling them with the hitch at the proper height. The distance from the end of the P.T.O. shaft on the tractor to the center of the drawbar hitch pin hole should be 16" (41 cm.), and the height from the top of the drawbar to the centerline of the P.T.O, should be 8". Refer to page **27**



The hitch pin should be of proper size to prevent movement and length to extend through all components of the hitch. The pin should be secured with a hairpin clip or suitable device to prevent the loss of the pin.

3.3.2 P.T.O. Shield

WARNING: Before lifting the P.T.O. shield be sure and follow the normal shut down procedure. Be certain that the tractor is shut off and all rotating components of the machine have come to a complete stop before lifting shield. Loose clothing is discouraged, and long hair should be restrained whenever working on P.T.O. shafts.

The P.T.O. shield should pivot freely. If it does not pivot freely look for build up of debris or other obstructions at the pivot point. Do not force the shield, as damage to the shield may occur.

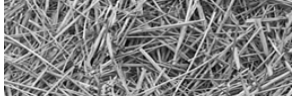
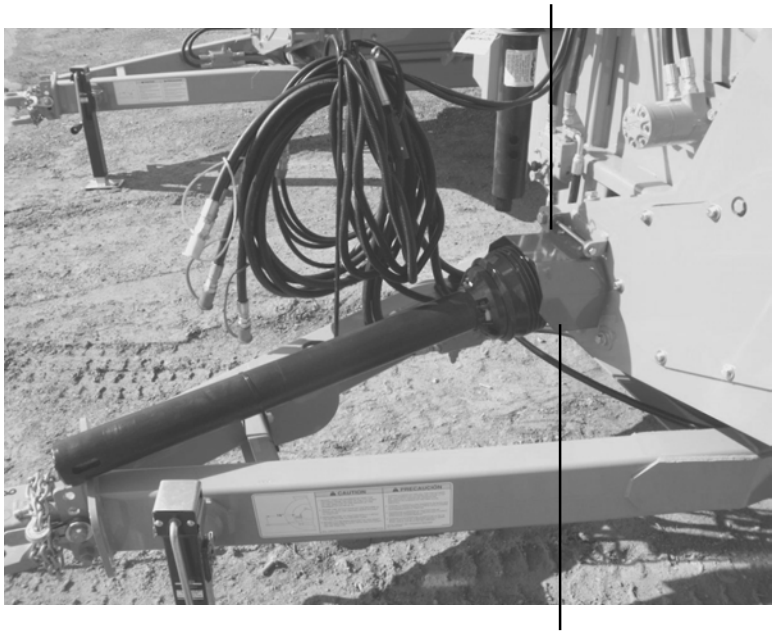


figure 3.1
P.T.O. shield

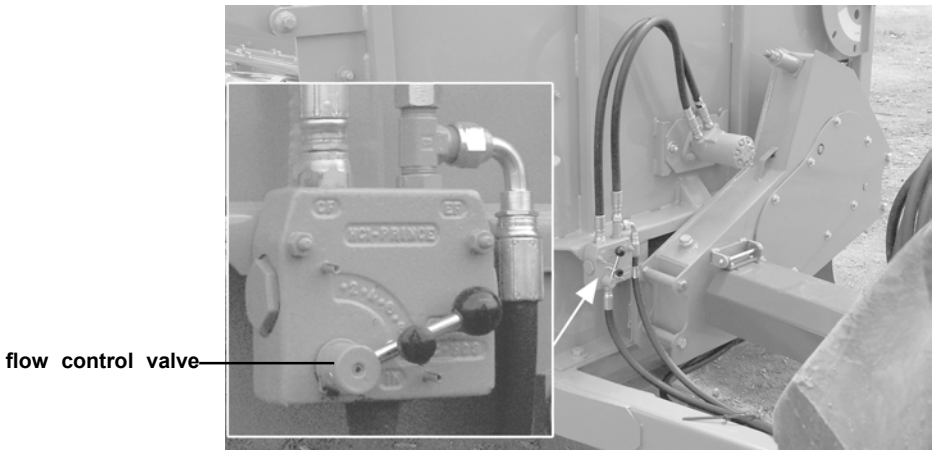


3.3.3 Conveyor Speed Control

Moving the lever on the conveyor speed control valve counterclockwise will slow the conveyor and make a finer product. Moving the lever clockwise will speed up the conveyor and make a coarser product.

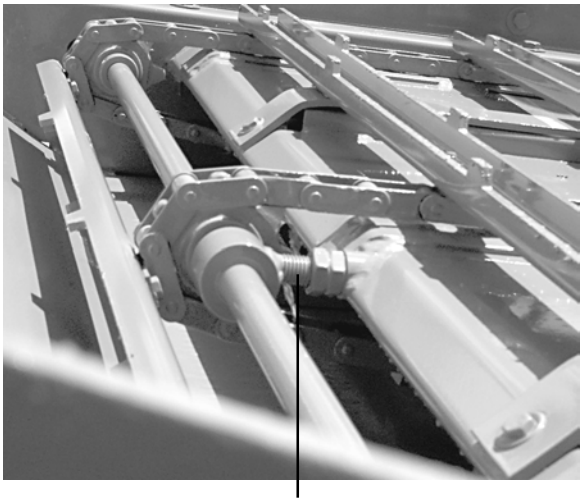
For tractors with PFC type hydraulic systems, this valve should be set in the full open position (clockwise rotation). Conveyor speed can then be controlled directly from the tractor controls.

figure 3.2
position of the flow control valve



3.3.4 Conveyor Chain Adjustment

The three chain tensioning bolts should be adjusted to allow lifting the slats 1” to 1-1/2” above conveyor deck. These bolts are located, on the front of the conveyor, at the center, and on the rear. Bolts must be adjusted evenly.



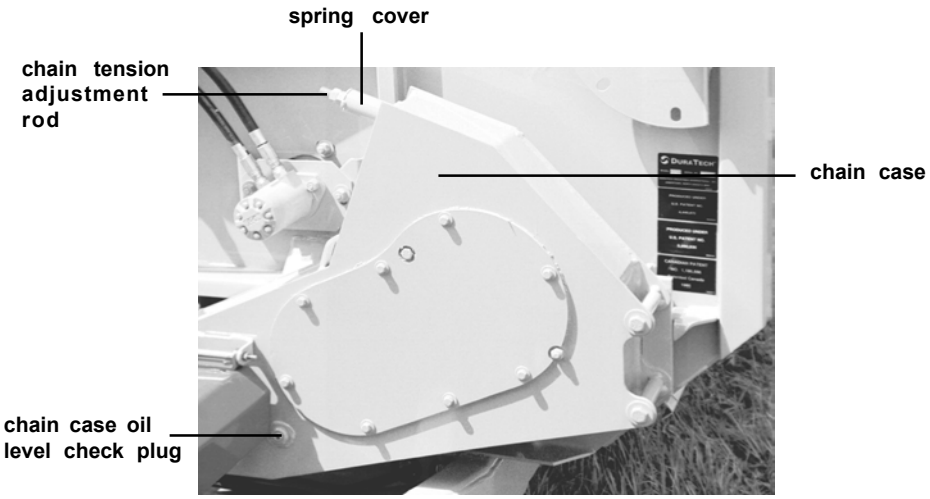
center conveyor chain adjustment bolt

left conveyor chain adjustment bolt

3.3.5 Chain Case Adjustments.

It is normal for the chain to stretch. A spring-loaded idler sprocket maintains Chain tension. Adjusting the rod that protrudes through the top of the chain case changes chain tension. Chain tension can be checked by measuring the gap between the spring cover and the chain case. The correct dimension is 1/8in +\- 1/16in.

The chain case was filled with hydraulic oil when assembled, (10-weight motor oil can be used.) To check oil level, remove the plug on the front of the chain case. The oil level is within 1/2in of the opening.



3.3.6 Slugbar Adjustment

Exposing, less flail will create a finer cut and use less horsepower, while exposing more flail will produce a coarser cut.

This is accomplished by rotating the slugbar adjustment handle. Rotating the handle counterclockwise will expose more flail, clockwise will expose less flail. To rotate the lever, pull the handle to release the lock and rotate the lever to the desired position, and release the handle. Be sure that the lever is seated in one of the adjustment slots to ensure that slugbars stay properly adjusted.

With the handle rotated fully clockwise the will expose the least amount of flail (position 1).

Position	Approx. Flail Exposed
1	1“
2	1-1/4"
3	1-1/2"
4	1- 5/8”
5	1-3/4"

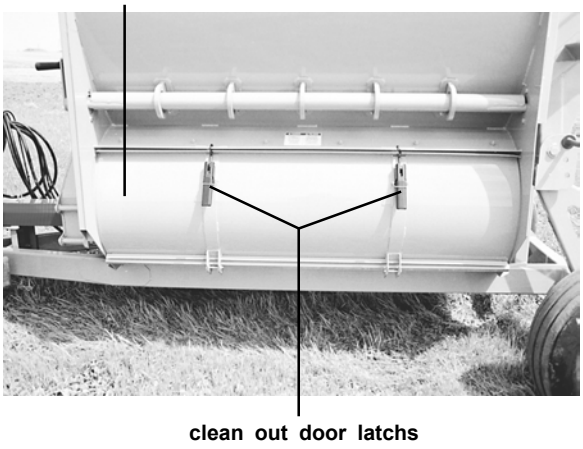
Positions 1 through 3 are for grinding hay. Positions 4 and-5 should only be used when spreading Dry Straw. (**DO NOT,** use positions 4 and 5 if material is wet, has high moisture content or is frozen.)

3.3.7 Clean Out Door

WARNING: Before opening the clean out door, be sure and follow the normal shut down procedure. Be certain that the tractor is shut off and all rotating components of the machine have come to a complete stop before opening clean out door.

The clean out door allows for easy access to the rotor for flail changes and twine removal. To open the door remove the lynch pins and release the latches. Lift the latch hooks and open the door.

To close the door, hook the latch hooks and close the handles. This should draw the door in tight. If the door is loose or can not be closed, check for obstructions. Hooks can be adjusted by screwing them in or out of the latch. Once the door is closed, replace the lynch pins.



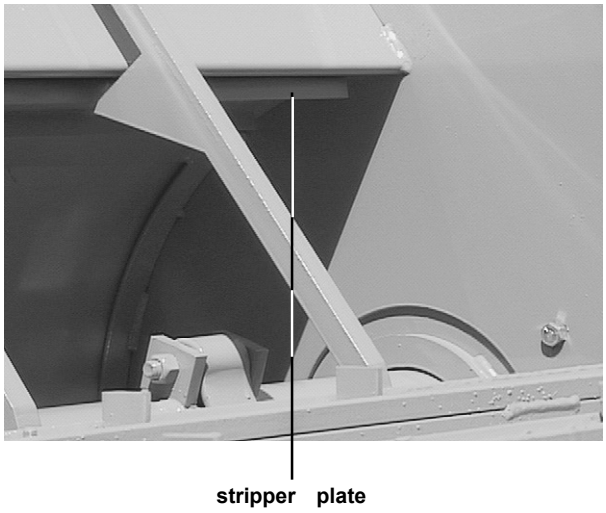
3.3.8 Flails

Flails must to be free to rotate about the bushings on the rotor. The bushings must not rotate. The bushings are held secure by tightening the bolts which squeeze the tabs against the bushing. Bolts should be torqued to 200 ft.-lbs.

3.3.9 Stripper Plate

The three standard stripper plates will produce a finer cut and removing plates will produce a courser cut.

In applications such as land reclamation, where a very course cut is desired, all stripper plates may be removed.

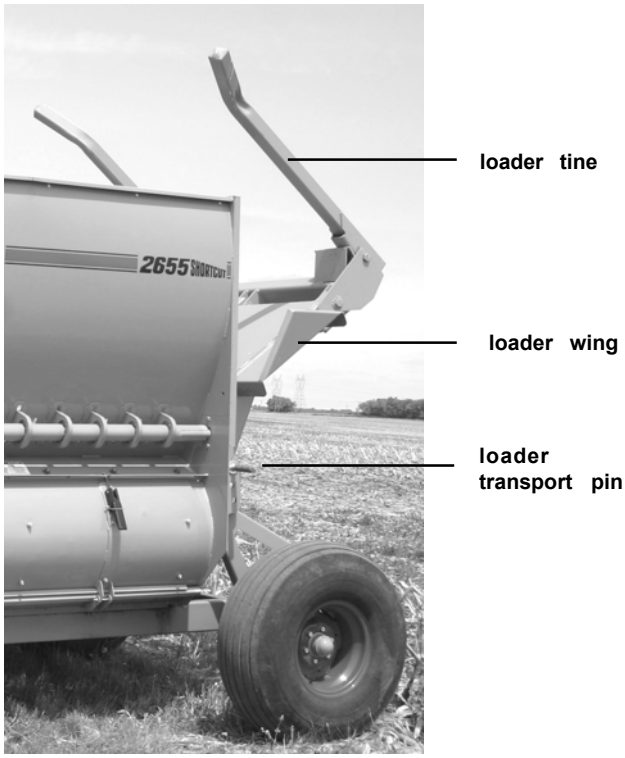


WARNING: Never stand under loader when removing transport pins. Do not attempt to force pins out, with the loader fully raised they can be easily removed.

3.3.10 Loader

WARNING: Loader tines may swing down unexpectedly as they drop over center. They can move faster than you can react. Keep all bystanders away from the machine while loader is raised.

figure 3.3
Loader Tines

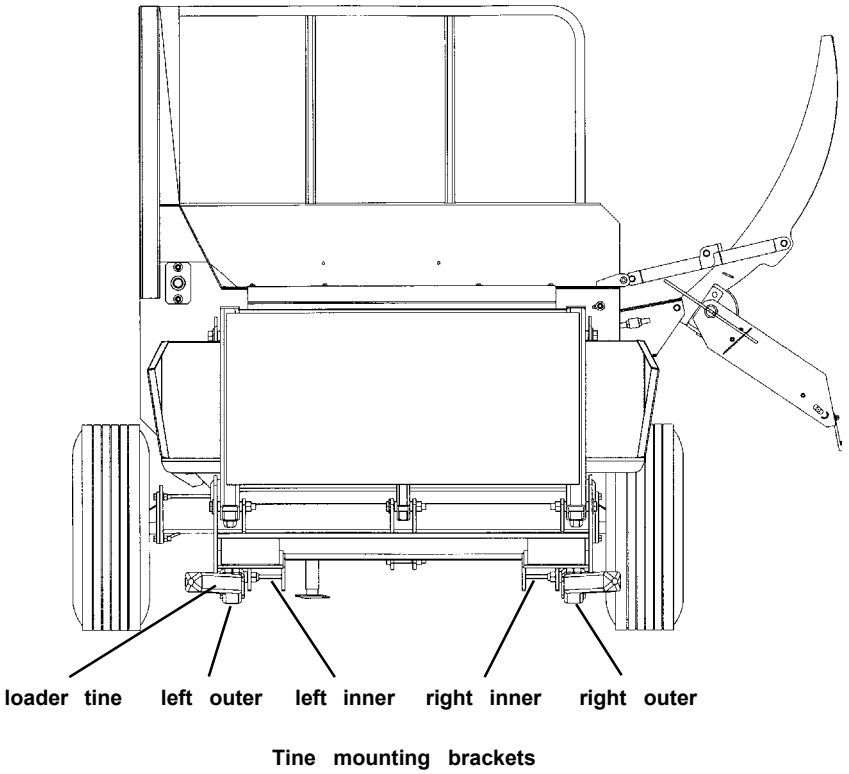


1. The loader has three settings for different size bales. For bales approximately 72" in diameter mount the loader tines in the outermost position. 60" bales require the loader tines to be positioned in the left outer slot and the right inner slot (left and right are determined while facing in the direction of travel). 48" bales require the tines to be positioned in the inner mounting slots (see page 23)

2. 48” bales use left inner and right inner mounting slots.

   60” bales use left inner and right outer mounting slots (standard).

   72” bales use left outer and right outer mounting slots.



3. These settings are accomplished by removing the pivot bolts and removing the tine. After the tine is reinstalled in the proper position, reinstall the pivot bolt and tighten. Be sure the bolt threads protrude though the entire nut so that the locking nut functions properly. Do not over tighten the pivot bolt, the tine should rotate freely about the pivot bolt.

4. The loader tines should pivot freely as the loader is raised and lowered. If the loader tines don't swing down into the loading position the bale will not load properly. With the loader fully raised the loader tines should swing down.

CAUTION: Watch for overhead hazards such as power lines.

WARNING: Never stand under loader when removing transport pins. Do not attempt to force pins out, with the loader fully raised they can be easily removed

The loader transport pins can be inserted into three positions:

1. Upper hole: Holds the loader in the fully raised position for transport.
2. Middle hole: Holds the loader partly raised. This improves rear visibility and reduces wind drag during transportation
3. Lowest hole: Holds the loader transport pin in storage position.

loader transport pin in storage position

3.3.12 Hydraulic Cylinder and Valve

All cylinder and valve hose connections should be tight and leak free. If the area near a hose connection becomes oily or dirty repairs should be made to seal the leak. Hoses should be free of cracks or cuts to ensure safe operation. Cylinder seal kits are available from your dealer to repair a leaky cylinder. Pin connections should be free of excessive wear. If pins become worn they should be replaced. Also check yokes and mounts for cracks and wear.

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 qualified medical attention immediately to prevent serious infection or reaction.

3.3.13 Tires & Rims

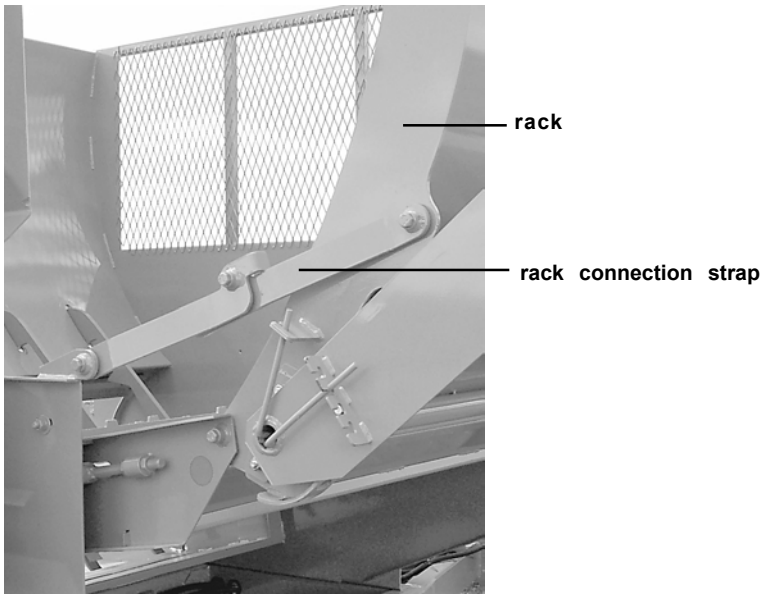
Tires should be inflated to 40 PSI and should be free of cuts or cracks. There should also be adequate tread and no visible cords, wires or tread separation. Tires must also be of proper load rating, speed rating and size.

Rims must be free of cracks and rust pitting. Lug bolts must also be tight. Inspect the area around the lug bolts. If rust develops this is a sign of loose lug bolts. Check wheel bearings and seals, replace and grease as use requires.

3.3.14 Rack

The rack has two positions: transport and working. The rack should travel between the two positions freely under the operator's own power. All pivoting connections should be snug, but still allow the points to hinge freely. Inspect for cracked or excessively worn holes at the connections. The rack connection straps are designed to be self-folding and should not drop over center. If the straps become bent or do not function properly they should be replaced.

figure 3.4
rack in the working position, rack connection straps



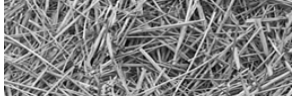
3.13.15 Jack

An adjustable jack is provided with the machine to support the hitch when the machine is disconnected from the tractor. The jack must only be used on firm, level ground or similar base to prevent it from sinking.

When unhooking the machine remove the jack pin and rotate the jack to the upright position and reinstall the pin. Crank the jack until the hitch is no longer supported by the drawbar of the tractor. The hitch pin can now be removed.

WARNING: Never use the jack without reinstalling the jack pin.

When hooking up the machine, install a proper hitch pin and secure it with a hairpin clip or comparable device, crank the jack until the foot of the jack is fully raised. Remove the jack, and place in transport position.

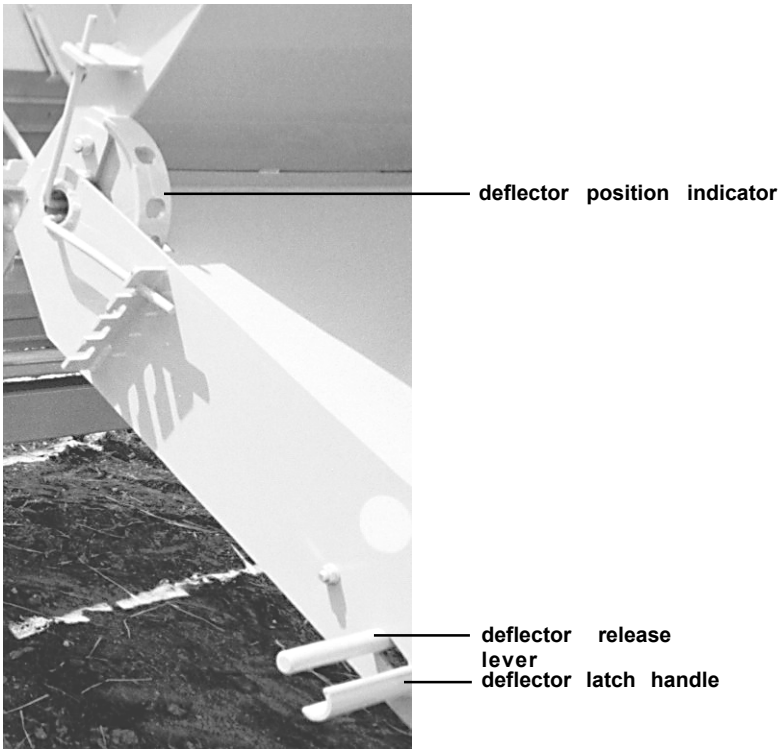


3.3.16 Changing distribution pattern

The deflector can be positioned for creating a windrow, spreading, bunkfeeding, or stockpiling. Lower the deflector for a narrower windrow and raise the deflector for a wider spread.

To change the position, pull the release lever, Rotate the deflector to the desired position and release the handle. A wider deflector belt (PN 8100819) is available for bunk feeding or additional material control.

Figure 3.5 deflector adjustments- deflector release lever and deflector latch handle.



3.4 Hitching the 2655 BALEBUSTER

WARNING: Do not operate the 2655 BALEBUSTER unless the tractor complies with the following requirements:

1. Tractor has a minimum of 65 horsepower.
2. Tractor has rollover protective structure and seatbelts.
3. Tractor's hydraulic system has two-way valves, and a minimum flow of 12 GPM @ 1500 psi.
4. To assure adequate braking and steering control, the tractor must have a weight greater than or equal to the weight of the 2655 BALEBUSTER and any bales it will transport.

To hitch the 2655 BALEBUSTER to a tractor, perform the following steps:

1. Adjust the tractor drawbar so that the distance from the end of the P.T.O. shaft on the tractor to the center of the drawbar hitch pin hole should be 16" (41 cm.), and the height for the top of the centerline of the P.T.O. should be 8" Refer to Figure 3.7

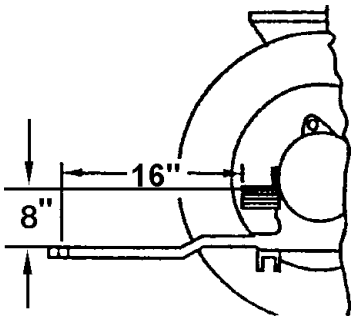
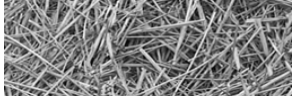


figure 3.7
safe P.T.O. distance

2. Hitch the 2655 BALEBUSTER to the tractor drawbar. Adjust the hitch so machine is parallel with ground.
3. The hitch pin should be sized to prevent excessive movement, and should extend through all components of the hitch. The pin should be secured with a hairpin clip or suitable device to prevent the loss of the pin.
4. Raise the jack. Pull the lock pin and store in the transport position.
5. Attach the P.T.O. shaft to the tractor P.T.O. shaft. Depress coupling and slide the coupling onto the splined shaft. Make sure the spring loaded safety catch is properly seated.
6. This machine is set up to operate on 1000 rpm only!
7. If required, install the safety chain. Check local regulations regarding safety chain requirements.
8. 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.
9. If equipped with optional grain tank, connect the two hydraulic hoses from the grain tank to the third set of hydraulic couplers on the tractor.



3.5 Unhitching the 2655 BALEBUSTER

To unhitch the 2655 BALEBUSTER, perform the following steps:

1. Follow normal shut-down procedure.
2. Lower jack and secure. Raise the tongue off of the tractor draw bar.
3. Detach the P.T.O. shaft from the tractor.
4. Cycle the hydraulic control levers to release any pressure in the hydraulic hoses.
5. Detach the hydraulic hoses.
6. Remove the safety chain, if installed.
7. Remove the hitch pin.

3.6 Starting the machine

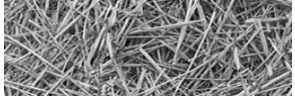
DANGER: After making all necessary hook-ups to tractor, be sure rotor chamber is clear of any solid objects. Make sure any bystanders are away from the 2655 BALEBUSTER before engaging P.T.O., conveyor or loader. Flying objects can cause serious injury or death. Stay clear of discharge side of machine unless operator has stopped tractor engine and machine has stopped rotating. Failure to follow these instructions may result in severe injury or death.

To start the machine, perform the following steps:

1. Unfold the rack into working position. Adjust the deflector to desired position.
2. Steps 3 through 5 are performed with the tractor at idle, and the operator at the tractors controls.
3. Engage the conveyor. Run the conveyor in forward and then in reverse. Check to be sure the conveyor is working properly before attempting to shread a bale.
4. Raise the loader, and remove transport pins.

CAUTION: Look out for overhead hazards such as power lines.

WARNING: Never stand under loader when removing transport pins. Do not attempt to force pins out, with the loader fully raised they can be easily removed.

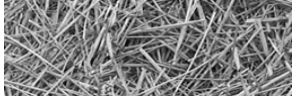


5. Engage the P.T.O..

CAUTION: Engaging the P.T.O. with the tractor engine speed above an idle may damage the drive line components and the tractor P.T.O..

6. Increase tractor engine speed until the P.T.O. speed reaches 1000 RPM. Listen for noise and watch for vibration. If necessary, follow the shut down procedure, and make repairs before attempting to shred any bales.

7. Run the machine and cycle the loader to warm up the machine before shredding bales.



3.7 Loading the bale

The bale conveyor must not be running when a bale is lifted into the shredding chamber. (*step3-5),* dropping bales on to the moving conveyor slats may bend slats.

DANGER: If it is necessary to transport a second bale over uneven terrain, make sure any bystanders are away from the 2655 BALEBUSTER. Serious injury or death could result if the bale rolls off the loader main frame loader supports.

STEP 1: Lower the bale loader part way down so you can so you can still see the end of the tine fork. Use the fork as a guide and back up to the first bale, with the bale loader in its lowest position, back up until the bale is loaded on the main frame loader supports

STEP 2: Slowly lift bale, until the flat end is frimly against the table. If you need to travel to the second bale, transport with the bale loader on the main frame supports, use the bale as a guide to line up the second bale.

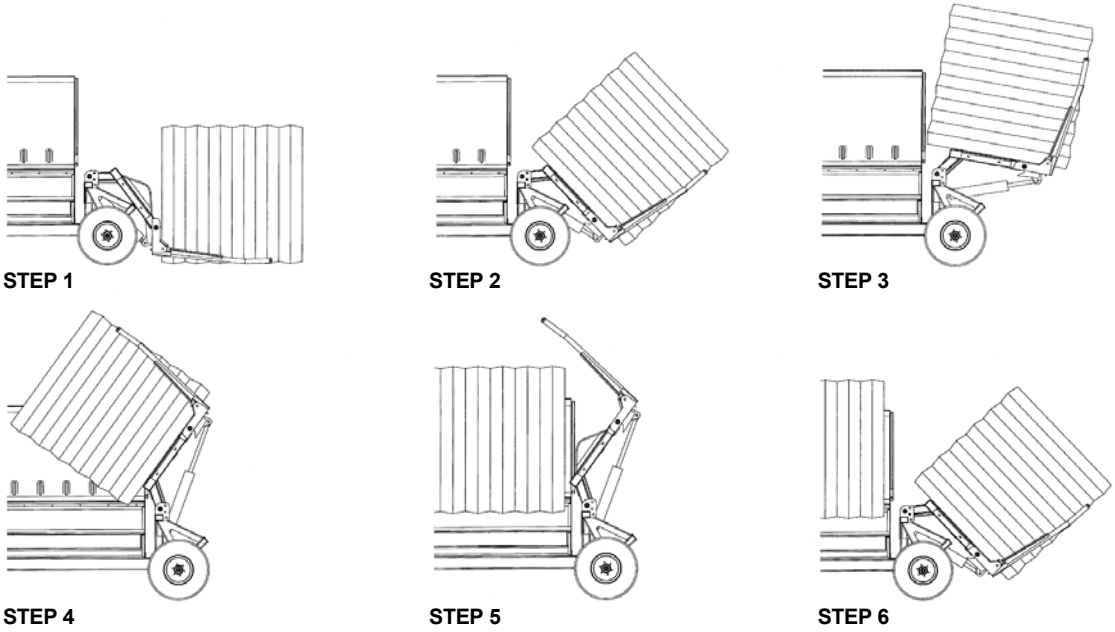
STEP 3-5: Slowly lift bale into the shredding chamber. Continue lifting the bale loader until it stops. The correct position for shedding a single bale will help prevent spillage.

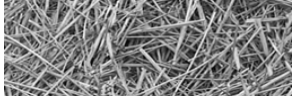
NOTE: If bale does not rotate forward the twine may be over the tine. Cut the twine at this time to prevent damage to the machine.

STEP 6: Load a second bale (if the first bale is on the main frame loader supports, use the bale as a guide to line up on the second bale). (If the first bale is in the shredding chamber use the conveyor and move the bale to the right so you can look past it on the left side). Back trailer until bale is loaded on the main frame loader supports. Slowly lift the bale off the ground keeping the weight of the bale on the main frame loader supports. This is the transport position for the second bale.

STEP 7: After the first bale is shredded, repeat steps, 3-5, loading and shredding the bale.

figure 3.6
loading the bale





3.8 Shredding the bale

CAUTION: Avoid uneven terrain with bale loaded. Serious injury could result if machine is allowed to tip.

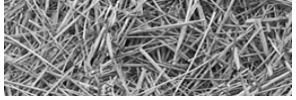
NOTE: Operating tractor at a P.T.O. speed of 1000 RPM enables the machine to do a better job of chopping forage and also keeps a minimum of twine buildup on rotor. Twine buildup should be kept to a minimum to reduce fire hazard.

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

DANGER: If it is necessary to transport a second bale over uneven terrain, make sure any bystanders are away from the 2655 BALEBUSTER. Serious injury or death could result if the bale rolls off the main frame loader supports.

With a bale loaded into the shredding chamber, perform the following steps:

1. If necessary, adjust the deflector to the desired position.
2. Position the 2655 BALEBUSTER where you want to begin shredding the bale.
3. Engage the conveyor and move the bale to the right side of the machine. This will move the bale away from the rotor for startup.
4. Machines hydraulic system performs two (2) functions. One function raises the bale lifter for loading bales into machine. The second function powers bale conveyor by means of a hydraulic motor. Decreasing speed allows flail knives to chop forage finer, increasing speed leaves forage coarser.
5. Engage the P.T.O., and increase tractor engine speed so that P.T.O. is at 1000 RPM.
6. Engage the bale conveyor, and check to see if bale is rotating in the proper direction. The proper direction of bale rotation is indicated by the bale rotation decal located on the front of the 2655 BALEBUSTER; rotation is counter clockwise.



3.8.1 Controling the length of the chopped forage

There are four ways to control the length of the chopped forage.

1. The slugbars control the amount of the flail exposed. Exposing less flail will create a finer cut and use less horsepower. Exposing more flail produces a coarser cut and uses more horsepower. See 3.3.6 Slugbar Adjustment.
2. The conveyor is controlled by means of a hydraulic motor. Decreasing speed allows flail knives to chop forage finer, increasing speed leaves forage coarser.
3. The 2655 Balebuster was produced with three standard stripper plates for a finer cut. Removing the stripper plates will produce a coarser cut.
4. Recommended tractor P.T.O. speed is 1000 RPM's.

3.9 Twine Removal

To remove twine from the rotor open clean out door - refer to section 3.3.7. Using a hacksaw with a fine tooth blade is one method of cutting the twine and works with all types of twine.

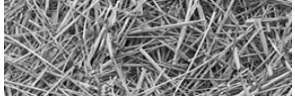
figure 3.7
removing twine from the rotor with a fine tooth hacksaw

3.10 Transporting the 2655 BALEBUSTER

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

DANGER: Do not remove transport pins until the hydraulic hoses have been charged and the cylinder fully extended. Failure to follow these instructions may result in severe personal injury or death.

WARNING: Never stand under loader when removing transport pins. Do not attempt to force pins out, with the loader fully raised they can be easily removed.



To prepare the 2655 BALEBUSTER for transport, perform the following steps:

1. Raise the loader and move the loader transport pins to the desired position. (Fully raised, partially raised) See section 3.3.11 “Loader Transport Pin” for more information.
2. Release the hydraulic pressure and lower the loader until it rests on the pins.
3. Pivot the deflector into the tub to insure eight feet four inches (8’4”) towing width.

3.11 Storing the 2655 BALEBUSTER

WARNING: When preparing machine for storage, use normal shut-down procedure.

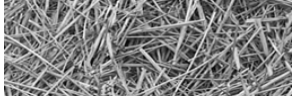
To prepare the 2655 BALEBUSTER for storage, perform the following steps:

1. 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 2655 BALEBUSTER with a high pressure washer, keep the nozzle away from the sealed bearings. To inhibit rusting repaint places where bare metal is exposed.
2. If equipped with the optional grain tank, clean out the tank and auger.
3. Place the jackstand in the down and in locked position. Block the rear axle up taking the weight off the tires, but do not deflate the 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.
4. Coat exposed lift cylinder rod with grease. Oil chains on conveyor. Lubricate thoroughly according to lubrication instructions. Repack wheel bearings.
5. 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.

3.12 Removing the 2655 BALEBUSTER from storage

To remove the 2655 BALEBUSTER from storage, preform the following steps:

1. Remove all protective coverings.
2. Remove blocking from under 2655 BALEBUSTER. Check tire pressure.
3. Lubricate machine in accordance with lubrication instructions found in this manual.
4. Check all hydraulic hoses for deterioration and, if necessary, replace. tighten any loose bolts, nuts and hydraulic fittings.
5. Follow pre-starting inspection instructions.



Section 4: Lubrication

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

WARNING: Use normal shut-down procedure (page 17) before lubricating machine.

4.1 Lubrication

Use only a high quality, #2 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.

Machine has 9 points to lubricate with grease gun every fifteen (15) hours of operating time.

1. Rotor bearings - 2 places.
2. P.T.O. universal joints - 3 places.

2A. As many as seven (7) pumps of grease are required to purge all cross and bearing lube points with fresh grease.

3. Telescoping shafts - 1 place.

3A. 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.

3B. 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.

4. Bale conveyor - 2 places.
5. Check oil level in chain case every fifty (50) hours of operating time. (See section 3.3.5)
6. PTO stand (1)
7. Wheel bearings - repack annually.

figure 4.1
P.T.O. lubrication

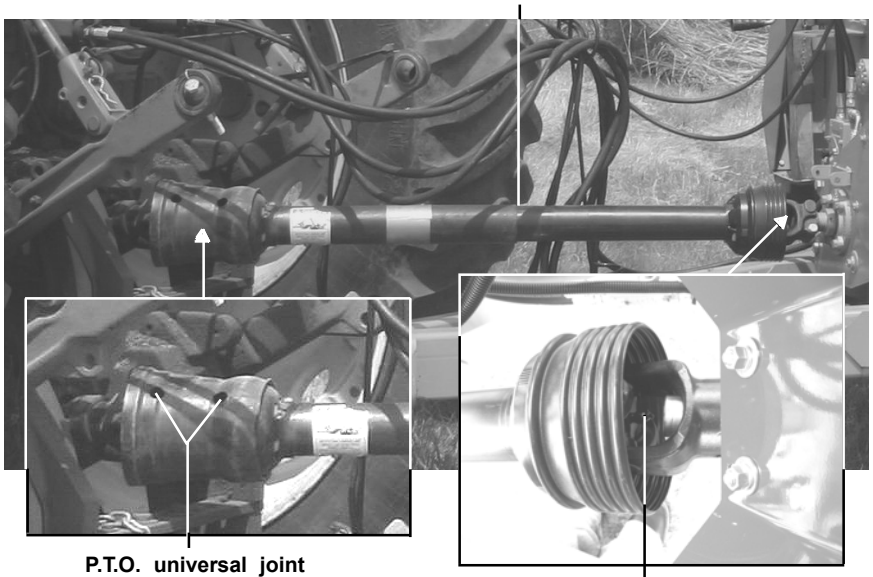


figure 4.2
rotor bearing lubrication point

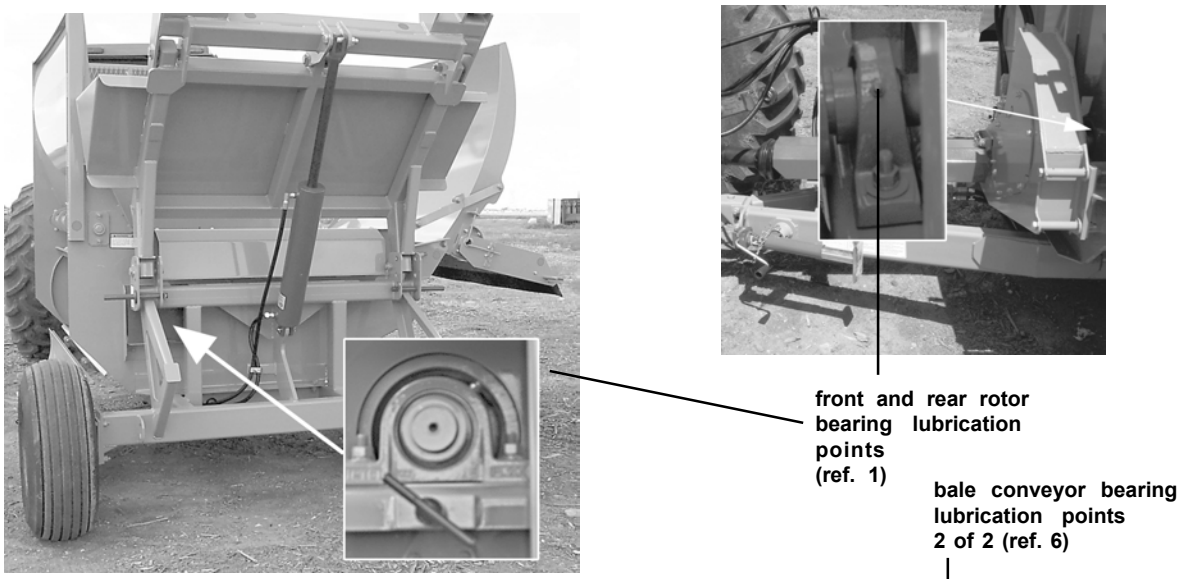


figure 4.3
bale conveyor bearing lubrication point

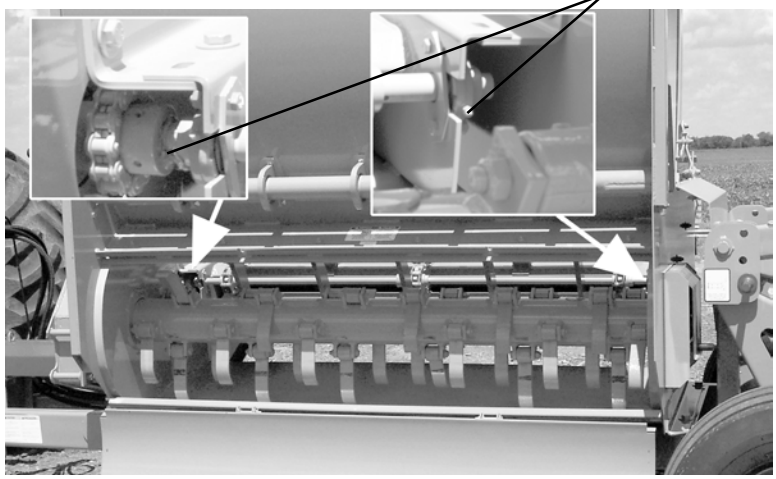
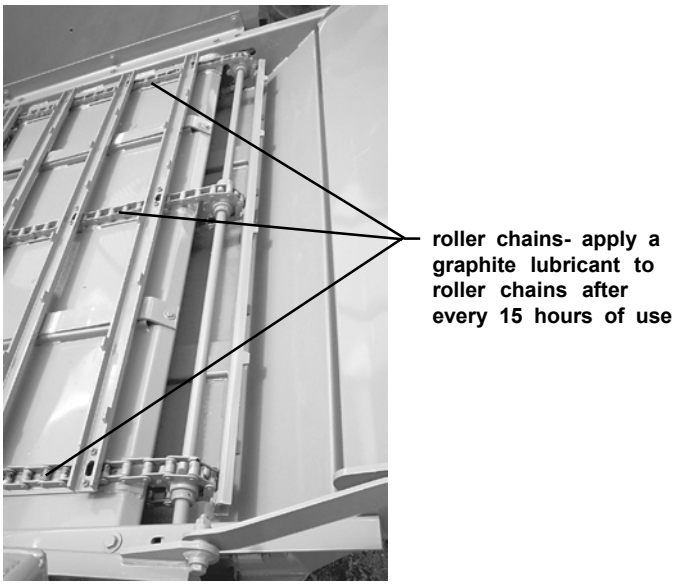
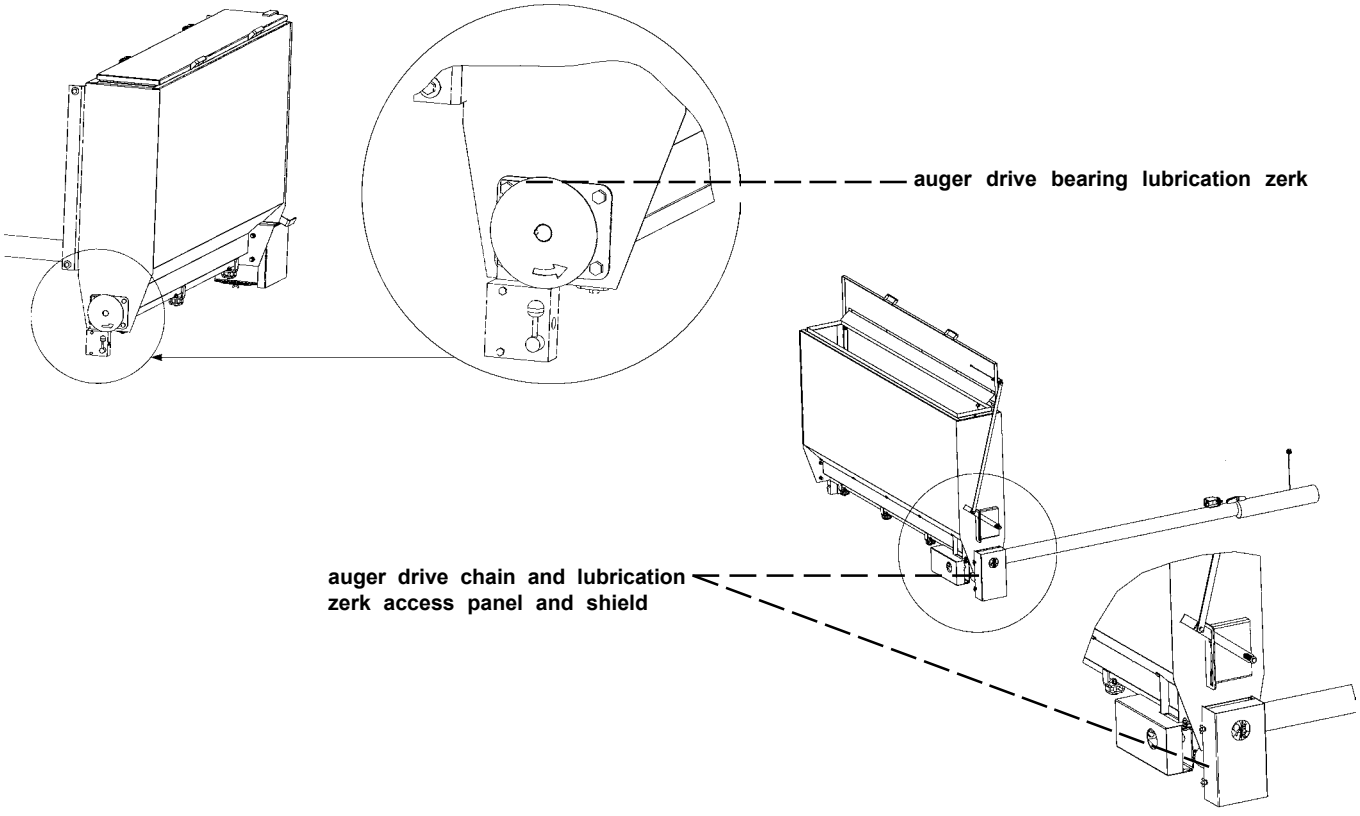


figure 4.4
roller chain lubrication



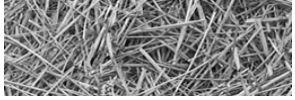
4.2 Grain tank (Option)

Lubricate the auger drive chain and auger bearings after every 15 hours of use.



4.3 General appearance

Clean all mud, dirt, grease and other foreign material from the exterior of the machine. Cut all twine off the rotor. Wash the entire machine. If washing the 2655 BALEBUSTER with a high-pressure washer, keep the nozzle away from the sealed bearings. Repaint places where bare metal is exposed.



Section 5: Troubleshooting

PROBLEM	CAUSE	REMEDY
1 No Capacity	1. Bale turning too slow.	1. Open conveyor speed control valve.
2. Bale Does Not Turn	1. Bale lodged in feeder.	1. Reverse rotation of slat conveyor
3. Excessive Vibration	1. Build up of twine on rotor. 2. Broken Flail. 3. Defective cylinder bearing. 4. Misaligned or worn PTO	1. Remove all twine from rotor 2. Replace Flail. 3. Replace Bearing. 4. Replace worn part or complete PTO.
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. 2. Add optional 18" deflector belting #8100819

Section 6: 2655 Balebuster Options

6.1 Grain tank Operation (Option)

WARNING: DO NOT climb into hopper, you could become trapped or injured by rotating augers. Before operating the "Grain tank" make sure all shields are in place.

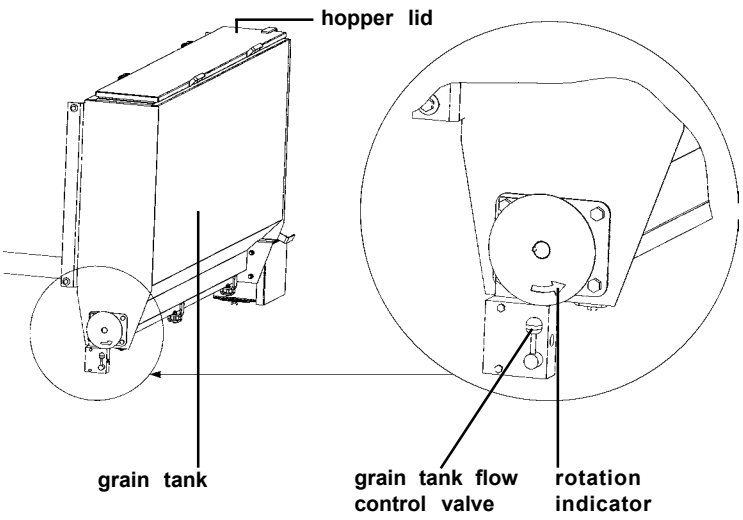
The grain tank is used for top-dressing feed supplements or can be use independently for supplement feeding.

Hookup and Operation

Attach the hydraulic hoses to the tractor. Before filling the hopper with supplement, operate the augers to ensure that they rotate in the proper direction. There is an indicator arrow located on auger shaft at the front of the machine to show proper rotation and to serve as a visual indicator, that the hopper is in operation.

Follow the calibration procedure in this section, before feeding any supplement to ensure a proper feed ration.

The hopper should be filled using an auger. The hopper can also be filled manually, but from an elevated platform or other suitable structure.

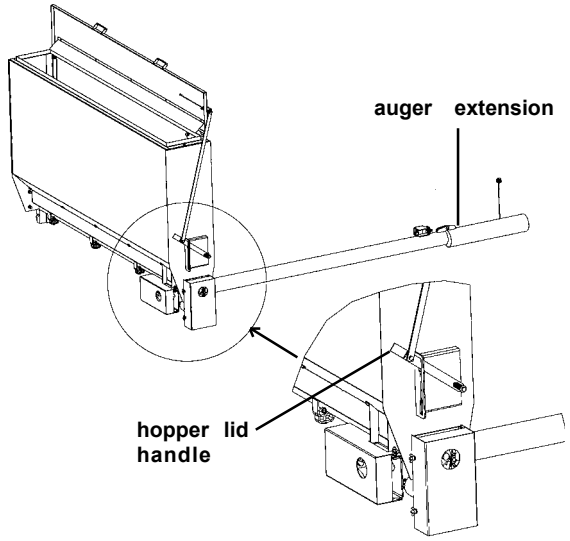


WARNING: DO NOT attempt to fill hopper by climbing on the machine.

The hopper lid can be opened and closed easily from the ground, by moving the hopper lid handle up for an open lid, or down for a closed lid.

The auger extension tube lowers and raises in and out of operating position automatically when the rack is folded and unfolded.

The supplement may become lodged or compacted if left in hopper for extended periods of time. This may cause damage to the augers. Clean out the hopper and auger tubes before machine is put into storage. A removable clean-out plate is provided under the auger junction.



6.2 Grain tank (Option) Calibration Procedure

Step 1. Acquire the following information needed to fill out the calibration worksheet.

A. The amount of hay (lbs.) that you feed per animal at each feeding time.

B. The amount of feed supplement (lbs.) that you feed per animal at each feeding time.

C. The average weight (lbs.) of the bales that are to be supplemented.

D. The average time (min.) required to process a bale that is to be supplemented.

E. The density (lbs. per bushel) of the feed supplement.

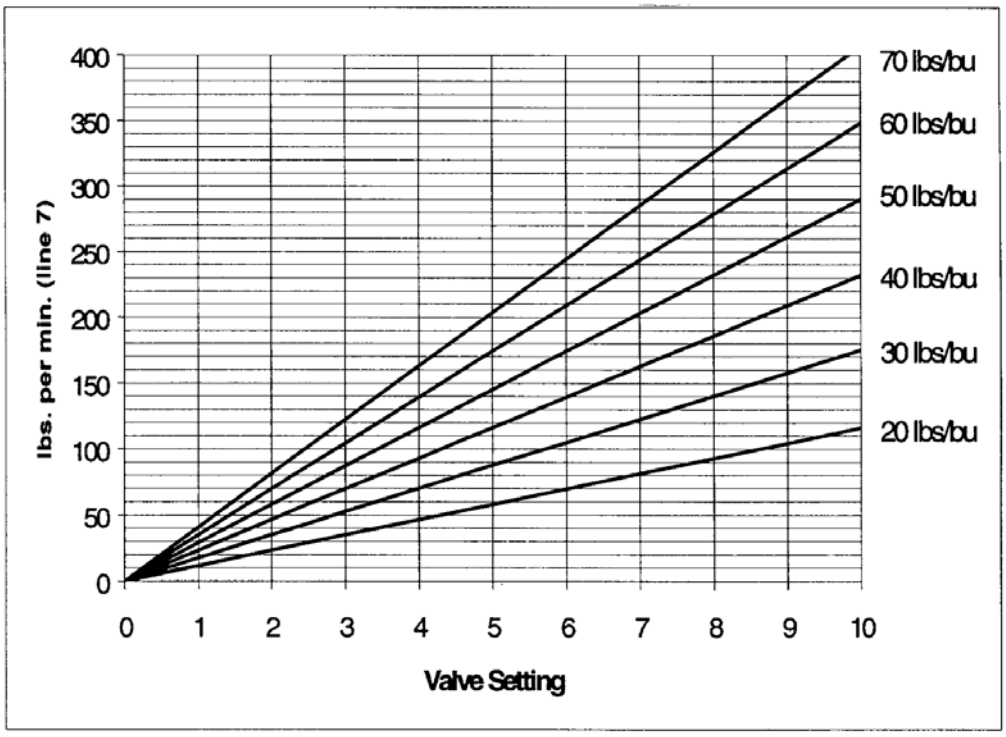
Step 2. Input the above information into the calibration worksheet (page **40**) and calculate the "Required Hopper Feed Rate" to obtain the desired supplement to feed ratio.

Step 3. With the bale processor properly attached to the tractor operate the hopper making sure that both augers operate properly. While feeding and calibrating, the auger must rotate in the direction indicated by the arrow on the indicator wheel located at the front of the hopper.

Step 4. Using line 7 from worksheet set the flow valve at the baseline setting using the chart on next page.

Step 5. Fill the hopper with the feed supplement.

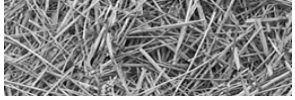
Step 6. With the tractor running at operating speed, operate the augers and collect the supplement, measuring the time required to fill a container. Adjust the flow valve up or down until the desired rate is obtained.



*** This chart is for a baseline setting only and should not be considered accurate because of variances in tractor hydraulic flows and pressures. The hopper must be recalibrated if the tractor is changed.**

Haybuster Grain Hopper Calibration Worksheet

Line				Example
	Feed Ratio Per Animal			
1	Hay	_____	(lbs.)	40 (lbs.)
2	Feed Supplement	_____	(lbs.)	5 (lbs.)
3	Line 1 divided by Line 2	_____		8
	Bale Processing Rate			
4	Bale Weight	_____	(lbs.)	1200 (lbs.)
5	Process Time	_____	(min.)	4 (min.)
6	Line 4 divided by Line 5	_____	(lbs./min.)	300 (lbs./min.)
	Required Hopper Feed Rate			
7	Line 6 divided by Line 3	_____	(lbs./min.)	37.5 (lbs./min.)
8	Feed Supplement Density	_____	(lbs./bushel)	50 (lbs./bushel)
9	Line 7 divided by Line 8	_____	(bushels/min)	0.75 (bushels/min)
10	Line 9 multiplied by 9.3	_____	(gal./min)	6.96 (gal./min)
11	60 divided by Line 10	_____	(sec/gal)	8.6 (sec/gal)



Line 1. The amount of hay that is fed to each animal, in pounds, on a daily basis.
Example: Each animal is fed 40 lbs. of hay each day.

Line 2. The amount of feed supplement that is fed to each animal, in pounds, on a daily basis.
Example: Each animal is fed 5 lbs. of feed supplement each day.

Line 3. Feed Ratio Per Animal: This result gives the amount of hay fed to each animal, in pounds, per 1 pound of feed supplement.

Line 4. The average weight of the bales that are to be processed while being supplemented
Example: The average weight of the bales is 1200 pounds.

Line 5. The average time it takes to process a bale that is to be processed while being supplemented.
Example: The average time it takes to process a bale is 4 minutes.

Line 6. Bale Processing Rate: This result gives the amount of hay processed, in pounds, per minute.

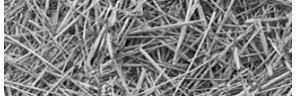
Line 7. Required Hopper Feed Rate: This is the amount of grain the hopper must feed out to maintain the desired "Feed Ratio Per Animal", in pounds of feed supplement per minute.

Line 8. The density of the feed supplement, in pounds per bushel.
Example: The density of the feed supplement is 50 pounds per bushel.

Line 9. Converts Line 7 (Required Hopper Feed Rate) into a feed rate of bushels of supplement per min.

Line 10. Converts Line 9 into a feed rate of gallons of supplement per min.

Line 11. Converts Line 10 into the time required to fill, a 1 gallon container, in seconds per gallon.



Section 7: Maintenance

7.1 Welding Procedure

Balebuster Welding Procedures For Machines With The Weigh Scale Option

Precautions are required for welding on machines with electronic components. Electronic components including but not limited to: electronic scales

Proper welding procedures are necessary in order to avoid damage to the components, their sensors, and associated components.

When possible, remove the parts to be welded from the machine.

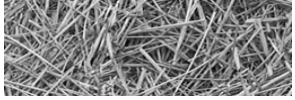
If not possible to remove the parts, follow the following procedure:

NOTE: Do not ground the welder to electrical components listed above, sensors, or wiring. Improper grounding can also damage bearings or hydraulic components. Clamp the ground cable from the welder to the part that will be welded. Place the clamp as close as possible to the weld. This will help reduce the possibility of damage.

1. Unhitch the Balebuster from the tractor.
2. Disconnect the connectors from the electronic scale. Move the connectors to a position that will not allow the connectors to accidentally move back and make contact with any of the pins.
3. Connect the welding ground cable directly to the part that will be welded. Place the ground cable as close as possible to the weld in order to reduce the possibility of welding current damage to bearings, hydraulic components, and electrical components.

NOTE: If the electrical/electronic components are used as a ground for the welder, or electrical/ electronic components are located between the welder ground and the weld, current flow from the welder could damage the components.

4. Protect the wiring harnesses and hydraulic lines from welding debris and spatter.
5. Use standard techniques to weld the materials.



Appendix A: WARRANTY

Duratech Industries International Inc. warrants to the original purchaser for one year from purchase date that this product will be free from defects in material and workmanship when used as intended and 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, N.D., within thirty (30) days of failure.

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

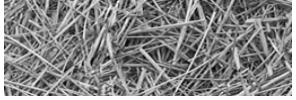
All claims for warranty must be made through the dealer which originally sold the product and all warranty adjustments must be made through same.

This warranty does not apply to tires or bearings or any other trade accessories not manufactured by DuraTech Industries International Inc.'s.. Buyer must rely solely on the existing warranty, if any, of these respective manufactures.

DuraTech Industries International Inc., shall **not** be held liable for damages of any kind, direct, contingent, or consequential to property under this warranty. DuraTech Industries International Inc., cannot be held liable for any damages resulting form causes beyond its control. DuraTech Industries International Inc., shall **not** be held liable under this warranty for loss of crops, or rental costs or any expense or loss for labor or supplies.

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

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



Appendix B: 2655 Specifications

General specifications

Tractor H.P. Required ..... Min. 65 H.P.
Capacity ..... 6 Ft. Long x 6-1/2 Ft. Dia., 2200 Lbs.
Rotor Length ..... 78"
Rotor Diameter ..... 25"
Rotor Bearings - Ball ..... 1-3/4"
Number Of Flails- Heat Treated 40
Wheel - Taper Roller Bearings - Tire Size 12.5x15-8ply

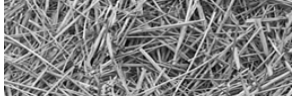
Working Position 1 Bale Height ..... 10’ 10"
Length ..... 14’ 11”
Width ..... 11’ 0”

Working Position 2 Bales Height ..... 10’ 10”
Length ..... 19’ 7"
Width ..... 11’ 0”

Transport Position:
Length ..... 14’ 11”
Width ..... 8’ 4”
Height ..... 11’ 0”
Weight ..... 4700 Lbs.
P.T.O ..... 1000 RPM
Dual Hydraulics (single hydraulic system optional) ..... 1500 psi
Cylinder 4-1/2” x 24" Double Acting

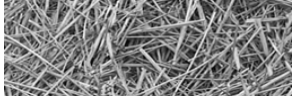
Options

- Hydraulic Deflector
- Shredder Extension
- Wide Deflector Belt
- Fender
- Grain Tank
- Scale



Appendix C: Grain tank (Option) Specifications

Option Wt.	650 lbs (approx)
Hopper Capacity	24 bu
Max Weight Capacity	1300 lbs
Max supplement Delivery rate	3.5 bu/min
Hyd. Press. Req	1500 psi
Hyd. Flow Req.	8 gpm



HAYBUSTER®

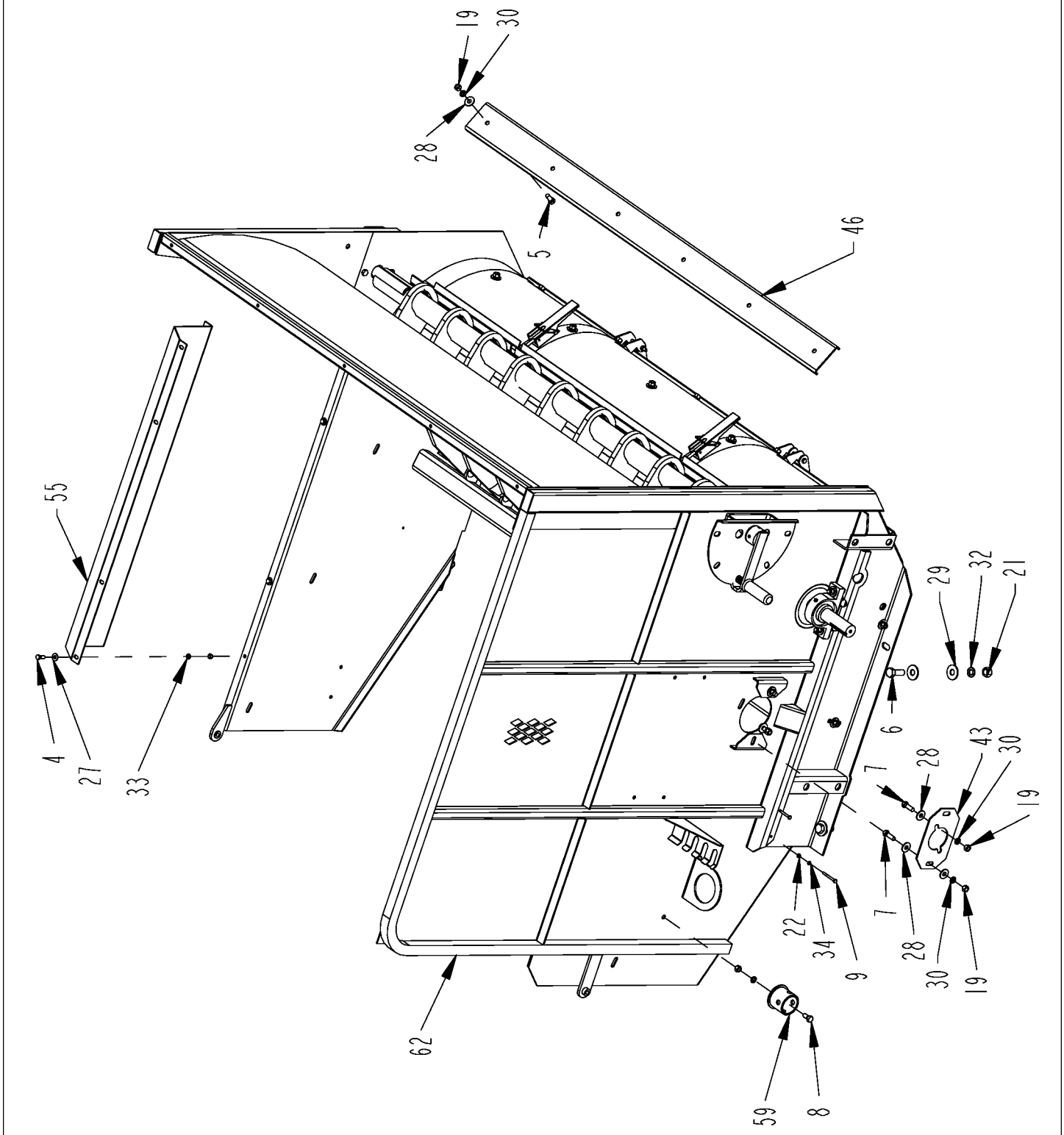
A Tradition of Innovation Since 1966

HAYBUSTER®

2655™ BALEBUSTER

Serial Number 26IJ000155 & Up

Part 2: Parts Reference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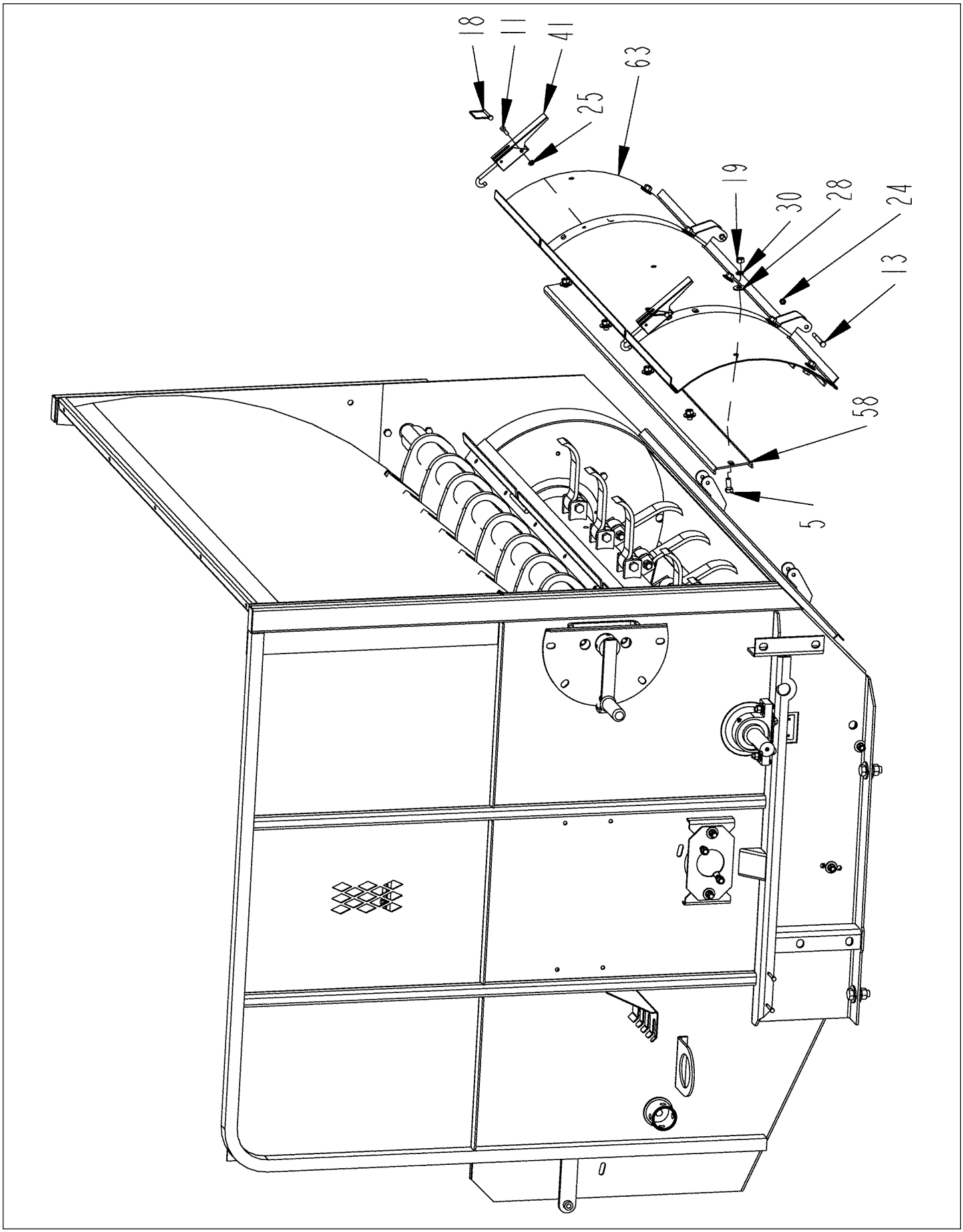
SHREDDER ASSEMBLY - FRONT

ITEM	PART NO.	QTY.	DESCRIPTION
1	2000514	2	BRG\PB\1-3/4\2BOLT\MALLEABLE
2	2000813	1	CLLR\SHFT\1-1/2\SET
3	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
4	4800003	4	BOLT\HEX\3/8X1
5	4800018	20	BOLT\HEX\1/2X1-1/4
6	4800033	4	BOLT\HEX\3/4X2
7	4800082	8	BOLT\HEX\1/2X1-1/2
8	4800085	1	BOLT\HEX\1/2X1
9	4800101	2	BOLT\HEX\1/4X2-1/2
10	4800143	2	SCR\SET\ALN\3/8X3/8\NC
11	4800147	4	BOLT\HEX\5/16X7/8
12	4800178	4	BOLT\HEX\1/2X1-3/4
13	4800197	2	BOLT\HEX\3/8X3-1/2
14	4800251	4	BOLT\HEX\1/2X2-1/4\NC
15	4800456	1	PIN\RLLD\3/16X1-1/8
16	4800483	9	BOLT\CRG\5/8X2\NC
17	4800598	40	BOLT\HEX\5/8X4\NF\GR8
18	4800911	2	PIN\LYNCH\1/4X2-1/2\
19	4900001	37	NUT\HEX\1/2\NC
20	4900002	5	NUT\HEX\3/8\NC
21	4900004	4	NUT\HEX\3/4\NC
22	4900009	2	NUT\HEX\1/4\NC
23	4900012	9	NUT\TPLCK\5/8\NC
24	4900023	2	NUT\TPLCK\3/8\NC
25	4900108	4	NUT\FLG\SERR\5/16\NC
26	4900143	40	NUT\TPLCK\5/8\GR8\NF
27	5000001	6	WASH\FLAT\3/8
28	5000004	44	WASH\FLAT\1/2
29	5000005	8	WASH\FLAT\3/4
30	5000006	37	WASH\LOCK\1/2
31	5000008	1	WASH\MACH\1-1/2IDX10GA\NR
32	5000012	4	WASH\LOCK\3/4
33	5000019	4	WASH\LOCK\3/8
34	5000024	2	WASH\LOCK\1/4
35	5200012	40	FLAIL\BB\8
36	6100002	1	SPRING\COMP\.072W\11/16OD\2-1/8LONG
37	6100031	1	SPRING\COMP\.072W\25/32OD
38	6200021	1	KEY\SQ\3/8X1-1/2\HARDEND
39	7500223	40	BUSH\FLAIL\1-1/4X.687x2-1/8L
40	7500736	1	GRIP\HAND\1X4-1/2\FLG
41	7501045	2	LATCH\ADJ\OTC\4" GRIP
42	7501050	2	PLATE\SICKLE
43	8100036	1	MNT\MTR\HYD
44	8100763	9	ADJUSTABLE\SLUGBAR
45	8100778	1	BRKT\BRG\REAR\RTR
46	8100793	1	CHNNL\STRIPPER\SHREADER
47	8100876	1	SHLD\BRG\REAR\RTR
48	8100877	1	LATCH\SHLD\BRG\REAR\RTR
49	8100879	1	MNT\SHLD\REAR\BRG\RTR
50	8100890	2	SHM\10GA\BRG\RTR
51	8101038	1	BRKT\INDEX\SLUGBAR
52	8101039	1	BRKT\BRG\SLUGBAR
53	8101050	1	BRKT\HANDLE\INDEX\SLUGBAR
54	8101051	1	BRKT\MNT\HANDLE\SLUGBAR
55	8101070	1	SHLD\REAR\SHRDR\2650
56	8101094	1	SHAFT\SLUGBAR\2650
57	8101313	1	PAN\DISH\ADJ
58	8101511	2	CHNNL\STRIPPER\OPTION
59	8101748	1	BRKT\STRG\JACK
60	8101784	1	SHRDR\ASSY\2655
61	8101785	1	ROTOR 2655
62	8101786	1	FRM\SHRDR\RH\2655
63	8101787	1	DOOR\SHRDR\2655\71-1/4\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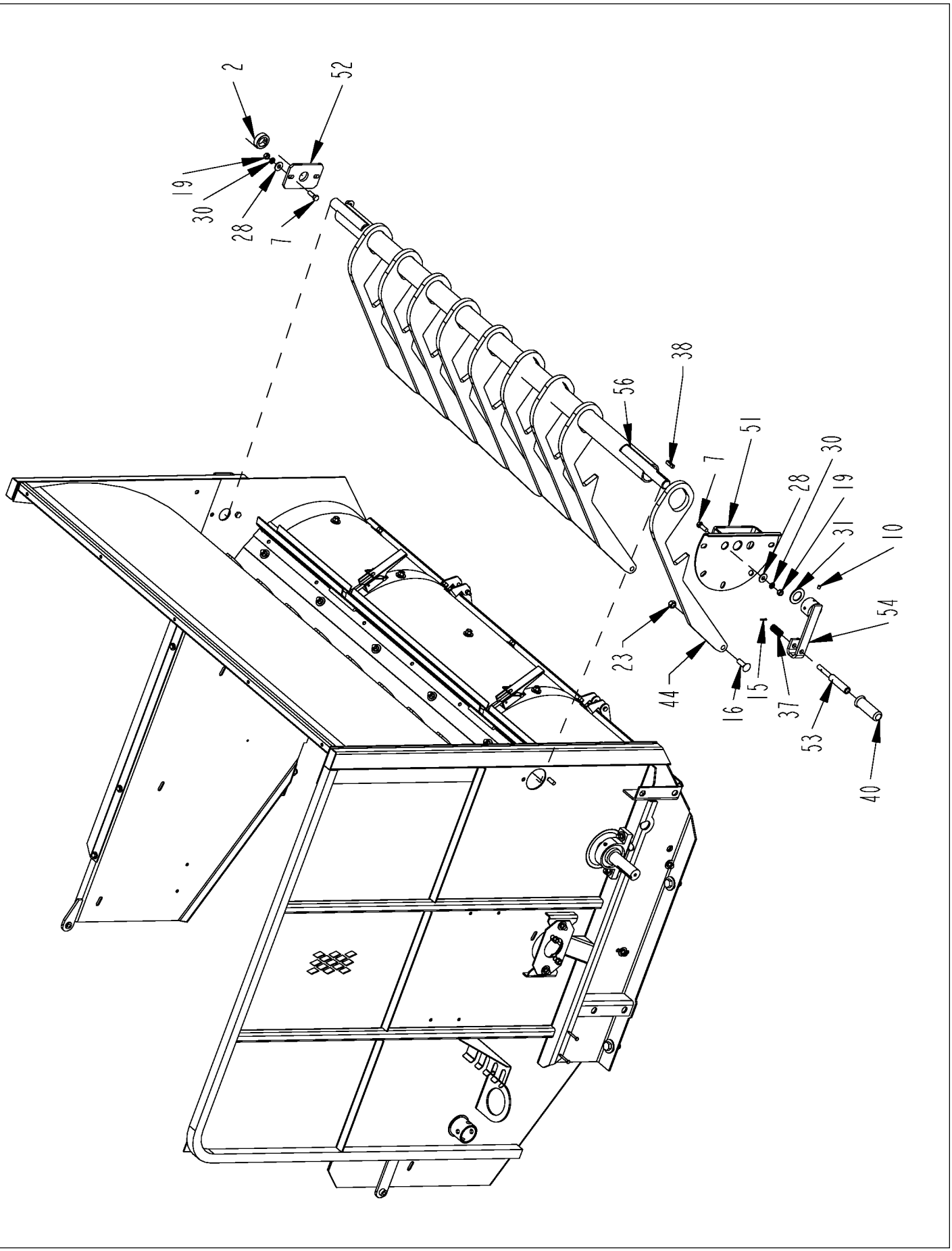
SHREDDER ASSEMBLY - DOOR

ITEM	PART NO.	QTY.	DESCRIPTION
1	2000514	2	BRG\PB\1-3/4\2BOLT\MALLEABLE
2	2000813	1	CLLR\SHFT\1-1/2\SET
3	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
4	4800003	4	BOLT\HEX\3/8X1
5	4800018	20	BOLT\HEX\1/2X1-1/4
6	4800033	4	BOLT\HEX\3/4X2
7	4800082	8	BOLT\HEX\1/2X1-1/2
8	4800085	1	BOLT\HEX\1/2X1
9	4800101	2	BOLT\HEX\1/4X2-1/2
10	4800143	2	SCR\SET\ALN\3/8X3/8\NC
11	4800147	4	BOLT\HEX\5/16X7/8
12	4800178	4	BOLT\HEX\1/2X1-3/4
13	4800197	2	BOLT\HEX\3/8X3-1/2
14	4800251	4	BOLT\HEX\1/2X2-1/4\NC
15	4800456	1	PIN\RLLD\3/16X1-1/8
16	4800483	9	BOLT\CRG\5/8X2\NC
17	4800598	40	BOLT\HEX\5/8X4\NF\GR8
18	4800911	2	PIN\LYNCH\1/4X2-1/2\
19	4900001	37	NUT\HEX\1/2\NC
20	4900002	5	NUT\HEX\3/8\NC
21	4900004	4	NUT\HEX\3/4\NC
22	4900009	2	NUT\HEX\1/4\NC
23	4900012	9	NUT\TPLCK\5/8\NC
24	4900023	2	NUT\TPLCK\3/8\NC
25	4900108	4	NUT\FLG\SERR\5/16\NC
26	4900143	40	NUT\TPLCK\5/8\GR8\NF
27	5000001	6	WASH\FLAT\3/8
28	5000004	44	WASH\FLAT\1/2
29	5000005	8	WASH\FLAT\3/4
30	5000006	37	WASH\LOCK\1/2
31	5000008	1	WASH\MACH\1-1/2IDX10GA\NR
32	5000012	4	WASH\LOCK\3/4
33	5000019	4	WASH\LOCK\3/8
34	5000024	2	WASH\LOCK\1/4
35	5200012	40	FLAIL\BB\8
36	6100002	1	SPRING\COMP\.072W\11/16OD\2-1/8LONG
37	6100031	1	SPRING\COMP\.072W\25/32OD
38	6200021	1	KEY\SQ\3/8X1-1/2\HARDEND
39	7500223	40	BUSH\FLAIL\1-1/4X.687x2-1/8L
40	7500736	1	GRIP\HAND\1X4-1/2\FLG
41	7501045	2	LATCH\ADJ\OTC\4" GRIP
42	7501050	2	PLATE\SICKLE
43	8100036	1	MNT\MTR\HYD
44	8100763	9	ADJUSTABLE\SLUGBAR
45	8100778	1	BRKT\BRG\REAR\RTR
46	8100793	1	CHNNL\STRIPPER\SHREADER
47	8100876	1	SHLD\BRG\REAR\RTR
48	8100877	1	LATCH\SHLD\BRG\REAR\RTR
49	8100879	1	MNT\SHLD\REAR\BRG\RTR
50	8100890	2	SHM\10GA\BRG\RTR
51	8101038	1	BRKT\INDEX\SLUGBAR
52	8101039	1	BRKT\BRG\SLUGBAR
53	8101050	1	BRKT\HANDLE\INDEX\SLUGBAR
54	8101051	1	BRKT\MNT\HANDLE\SLUGBAR
55	8101070	1	SHLD\REAR\SHRDR\2650
56	8101094	1	SHAFT\SLUGBAR\2650
57	8101313	1	PAN\DISH\ADJ
58	8101511	2	CHNNL\STRIPPER\OPTION
59	8101748	1	BRKT\STRG\JACK
60	8101784	1	SHRDR\ASSY\2655
61	8101785	1	ROTOR 2655
62	8101786	1	FRM\SHRDR\RH\2655
63	8101787	1	DOOR\SHRDR\2655\71-1/4\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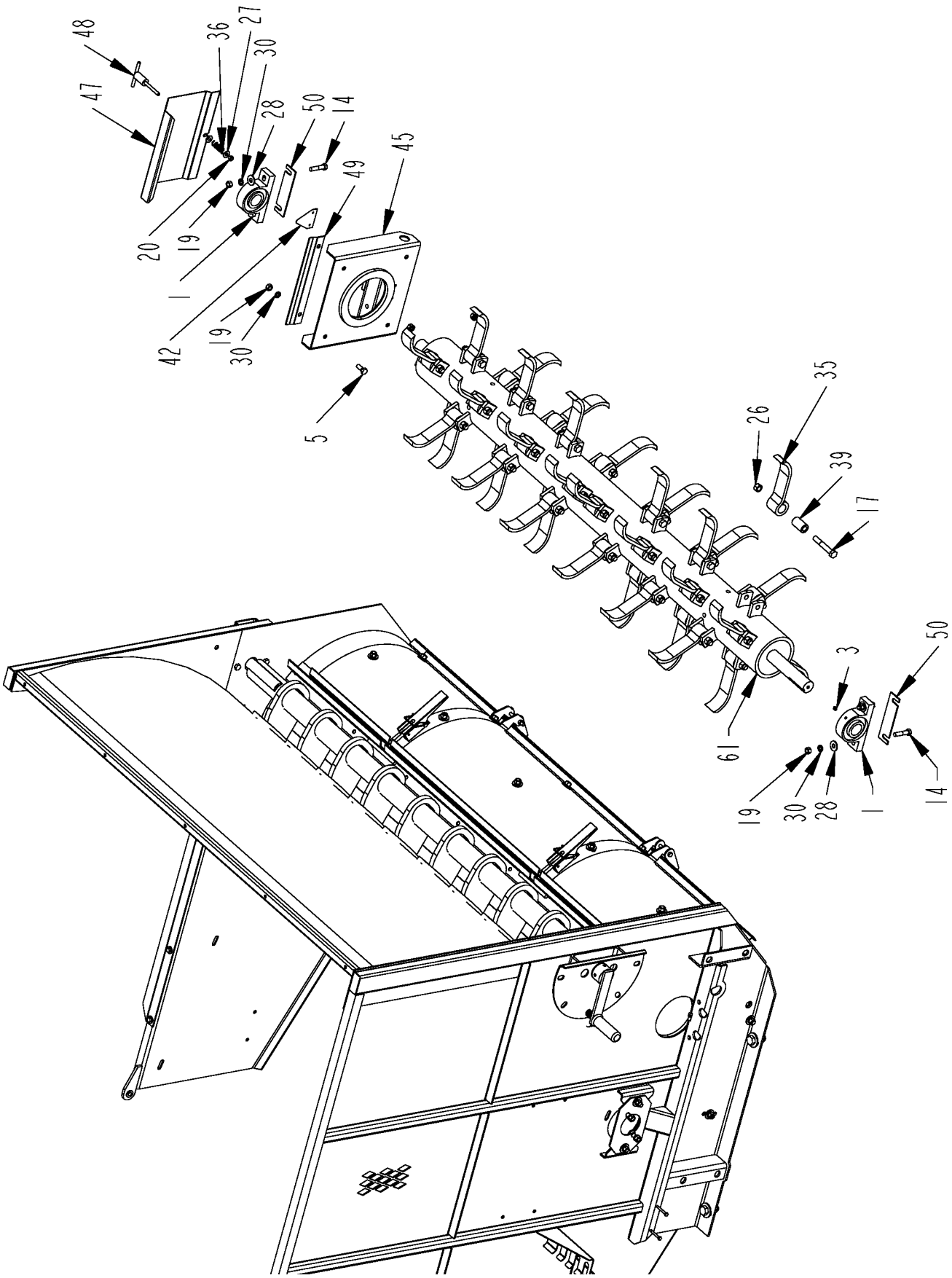
ITEM	PART NO.	QTY.	DESCRIPTION
1	2000514	2	BRG\PB\1-3/4\2BOLT\MALLEABLE
2	2000813	1	CLLR\SHFT\1-1/2\SET
3	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
4	4800003	4	BOLT\HEX\3/8X1
5	4800018	20	BOLT\HEX\1/2X1-1/4
6	4800033	4	BOLT\HEX\3/4X2
7	4800082	8	BOLT\HEX\1/2X1-1/2
8	4800085	1	BOLT\HEX\1/2X1
9	4800101	2	BOLT\HEX\1/4X2-1/2
10	4800143	2	SCR\SET\ALN\3/8X3/8\NC
11	4800147	4	BOLT\HEX\5/16X7/8
12	4800178	4	BOLT\HEX\1/2X1-3/4
13	4800197	2	BOLT\HEX\3/8X3-1/2
14	4800251	4	BOLT\HEX\1/2X2-1/4\NC
15	4800456	1	PIN\RLLD\3/16X1-1/8
16	4800483	9	BOLT\CRG\5/8X2\NC
17	4800598	40	BOLT\HEX\5/8X4\NF\GR8
18	4800911	2	PIN\LYNCH\1/4X2-1/2\
19	4900001	37	NUT\HEX\1/2\NC
20	4900002	5	NUT\HEX\3/8\NC
21	4900004	4	NUT\HEX\3/4\NC
22	4900009	2	NUT\HEX\1/4\NC
23	4900012	9	NUT\TPLCK\5/8\NC
24	4900023	2	NUT\TPLCK\3/8\NC
25	4900108	4	NUT\FLG\SERR\5/16\NC
26	4900143	40	NUT\TPLCK\5/8\GR8\NF
27	5000001	6	WASH\FLAT\3/8
28	5000004	44	WASH\FLAT\1/2
29	5000005	8	WASH\FLAT\3/4
30	5000006	37	WASH\LOCK\1/2
31	5000008	1	WASH\MACH\1-1/2IDX10GA\NR
32	5000012	4	WASH\LOCK\3/4
33	5000019	4	WASH\LOCK\3/8
34	5000024	2	WASH\LOCK\1/4
35	5200012	40	FLAIL\BB\8
36	6100002	1	SPRING\COMP\.072W\11/16OD\2-1/8LONG
37	6100031	1	SPRING\COMP\.072W\25/32OD
38	6200021	1	KEY\SQ\3/8X1-1/2\HARDEND
39	7500223	40	BUSH\FLAIL\1-1/4X.687x2-1/8L
40	7500736	1	GRIP\HAND\1X4-1/2\FLG
41	7501045	2	LATCH\ADJ\OTC\4" GRIP
42	7501050	2	PLATE\SICKLE
43	8100036	1	MNT\MTR\HYD
44	8100763	9	ADJUSTABLE\SLUGBAR
45	8100778	1	BRKT\BRG\REAR\RTR
46	8100793	1	CHNNL\STRIPPER\SHREADER
47	8100876	1	SHLD\BRG\REAR\RTR
48	8100877	1	LATCH\SHLD\BRG\REAR\RTR
49	8100879	1	MNT\SHLD\REAR\BRG\RTR
50	8100890	2	SHM\10GA\BRG\RTR
51	8101038	1	BRKT\INDEX\SLUGBAR
52	8101039	1	BRKT\BRG\SLUGBAR
53	8101050	1	BRKT\HANDLE\INDEX\SLUGBAR
54	8101051	1	BRKT\MNT\HANDLE\SLUGBAR
55	8101070	1	SHLD\REAR\SHRDR\2650
56	8101094	1	SHAFT\SLUGBAR\2650
57	8101313	1	PAN\DISH\ADJ
58	8101511	2	CHNNL\STRIPPER\OPTION
59	8101748	1	BRKT\STRG\JACK
60	8101784	1	SHRDR\ASSY\2655
61	8101785	1	ROTOR 2655
62	8101786	1	FRM\SHRDR\RH\2655
63	8101787	1	DOOR\SHRDR\2655\71-1/4\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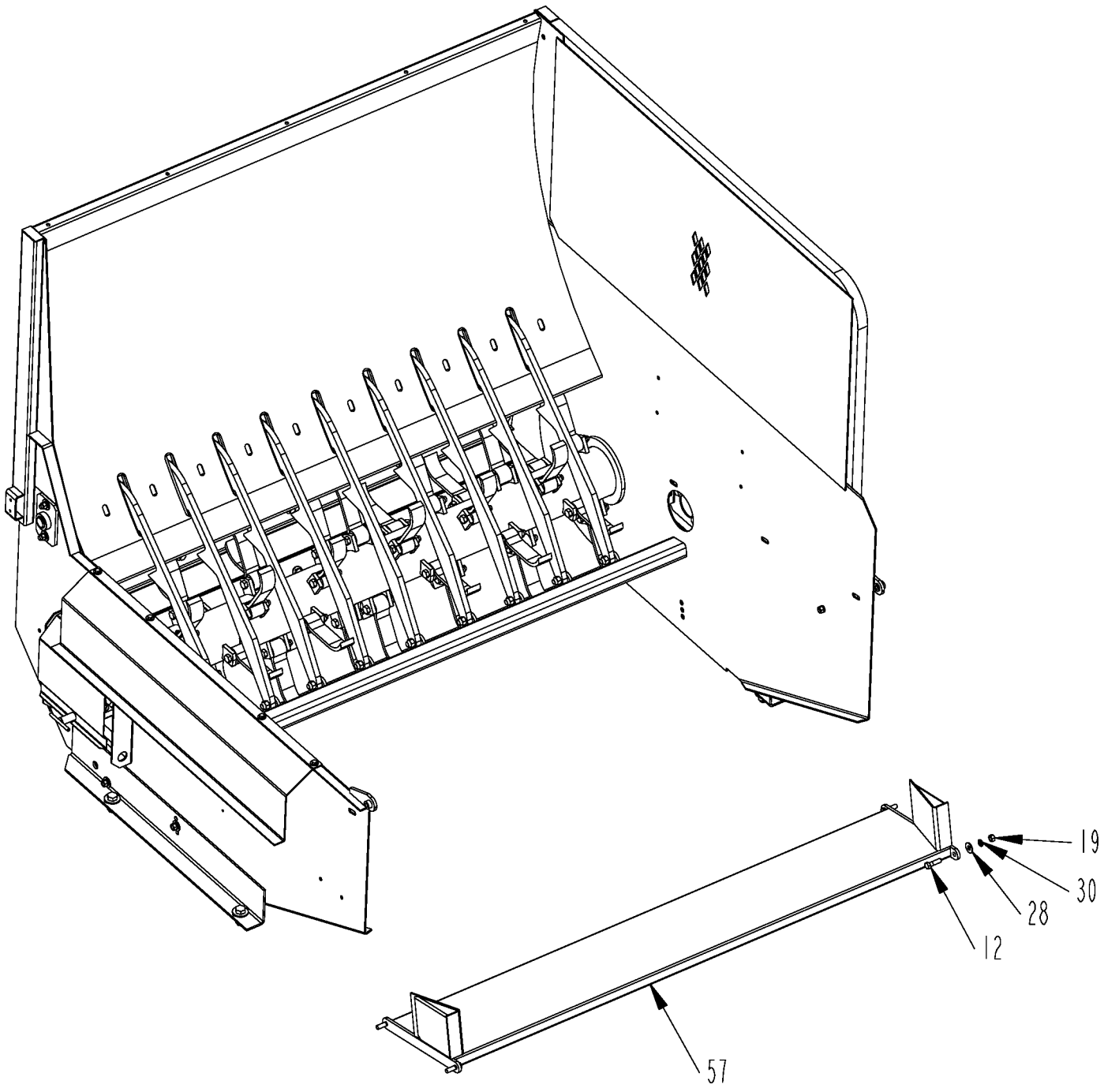
ITEM	PART NO.	QTY.	DESCRIPTION
1	2000514	2	BRG\PB\1-3/4\2BOLT\MALLEABLE
2	2000813	1	CLLR\SHFT\1-1/2\SET
3	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
4	4800003	4	BOLT\HEX\3/8X1
5	4800018	20	BOLT\HEX\1/2X1-1/4
6	4800033	4	BOLT\HEX\3/4X2
7	4800082	8	BOLT\HEX\1/2X1-1/2
8	4800085	1	BOLT\HEX\1/2X1
9	4800101	2	BOLT\HEX\1/4X2-1/2
10	4800143	2	SCR\SET\ALN\3/8X3/8\NC
11	4800147	4	BOLT\HEX\5/16X7/8
12	4800178	4	BOLT\HEX\1/2X1-3/4
13	4800197	2	BOLT\HEX\3/8X3-1/2
14	4800251	4	BOLT\HEX\1/2X2-1/4\NC
15	4800456	1	PIN\RLLD\3/16X1-1/8
16	4800483	9	BOLT\CRG\5/8X2\NC
17	4800598	40	BOLT\HEX\5/8X4\NF\GR8
18	4800911	2	PIN\LYNCH\1/4X2-1/2\
19	4900001	37	NUT\HEX\1/2\NC
20	4900002	5	NUT\HEX\3/8\NC
21	4900004	4	NUT\HEX\3/4\NC
22	4900009	2	NUT\HEX\1/4\NC
23	4900012	9	NUT\TPLCK\5/8\NC
24	4900023	2	NUT\TPLCK\3/8\NC
25	4900108	4	NUT\FLG\SERR\5/16\NC
26	4900143	40	NUT\TPLCK\5/8\GR8\NF
27	5000001	6	WASH\FLAT\3/8
28	5000004	44	WASH\FLAT\1/2
29	5000005	8	WASH\FLAT\3/4
30	5000006	37	WASH\LOCK\1/2
31	5000008	1	WASH\MACH\1-1/2IDX10GA\NR
32	5000012	4	WASH\LOCK\3/4
33	5000019	4	WASH\LOCK\3/8
34	5000024	2	WASH\LOCK\1/4
35	5200012	40	FLAIL\BB\8
36	6100002	1	SPRING\COMP\.072W\11/16OD\2-1/8LONG
37	6100031	1	SPRING\COMP\.072W\25/32OD
38	6200021	1	KEY\SQ\3/8X1-1/2\HARDEND
39	7500223	40	BUSH\FLAIL\1-1/4X.687x2-1/8L
40	7500736	1	GRIP\HAND\1X4-1/2\FLG
41	7501045	2	LATCH\ADJ\OTC\4" GRIP
42	7501050	2	PLATE\SICKLE
43	8100036	1	MNT\MTR\HYD
44	8100763	9	ADJUSTABLE\SLUGBAR
45	8100778	1	BRKT\BRG\REAR\RTR
46	8100793	1	CHNNL\STRIPPER\SHREADER
47	8100876	1	SHLD\BRG\REAR\RTR
48	8100877	1	LATCH\SHLD\BRG\REAR\RTR
49	8100879	1	MNT\SHLD\REAR\BRG\RTR
50	8100890	2	SHM\10GA\BRG\RTR
51	8101038	1	BRKT\INDEX\SLUGBAR
52	8101039	1	BRKT\BRG\SLUGBAR
53	8101050	1	BRKT\HANDLE\INDEX\SLUGBAR
54	8101051	1	BRKT\MNT\HANDLE\SLUGBAR
55	8101070	1	SHLD\REAR\SHRDR\2650
56	8101094	1	SHAFT\SLUGBAR\2650
57	8101313	1	PAN\DISH\ADJ
58	8101511	2	CHNNL\STRIPPER\OPTION
59	8101748	1	BRKT\STRG\JACK
60	8101784	1	SHRDR\ASSY\2655
61	8101785	1	ROTOR 2655
62	8101786	1	FRM\SHRDR\RH\2655
63	8101787	1	DOOR\SHRDR\2655\71-1/4\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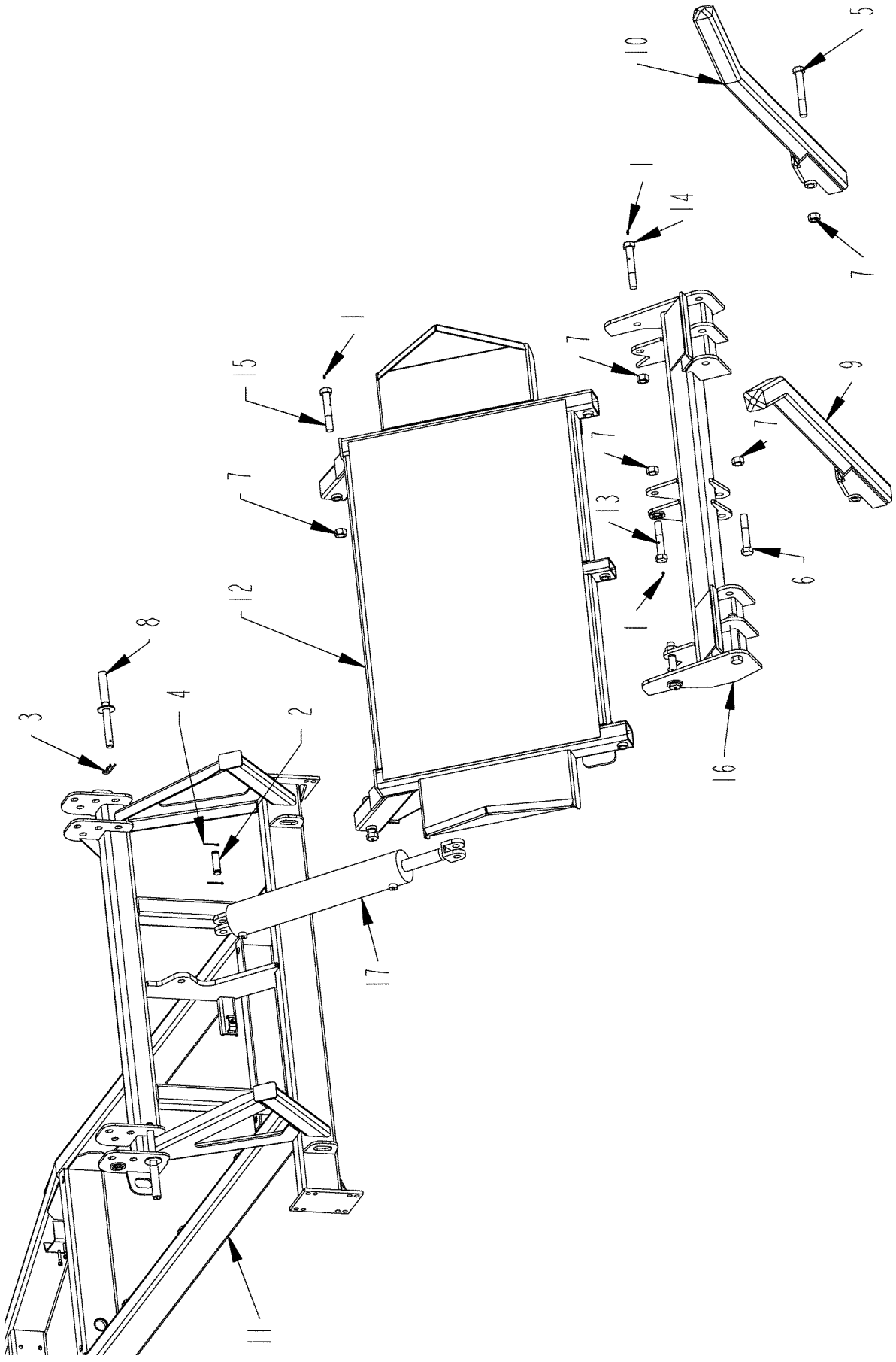
ITEM	PART NO.	QTY.	DESCRIPTION
1	2000514	2	BRG\PB\1-3/4\2BOLT\MALLEABLE
2	2000813	1	CLLR\SHFT\1-1/2\SET
3	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
4	4800003	4	BOLT\HEX\3/8X1
5	4800018	20	BOLT\HEX\1/2X1-1/4
6	4800033	4	BOLT\HEX\3/4X2
7	4800082	8	BOLT\HEX\1/2X1-1/2
8	4800085	1	BOLT\HEX\1/2X1
9	4800101	2	BOLT\HEX\1/4X2-1/2
10	4800143	2	SCR\SET\ALN\3/8X3/8\NC
11	4800147	4	BOLT\HEX\5/16X7/8
12	4800178	4	BOLT\HEX\1/2X1-3/4
13	4800197	2	BOLT\HEX\3/8X3-1/2
14	4800251	4	BOLT\HEX\1/2X2-1/4\NC
15	4800456	1	PIN\RLLD\3/16X1-1/8
16	4800483	9	BOLT\CRG\5/8X2\NC
17	4800598	40	BOLT\HEX\5/8X4\NF\GR8
18	4800911	2	PIN\LYNCH\1/4X2-1/2\
19	4900001	37	NUT\HEX\1/2\NC
20	4900002	5	NUT\HEX\3/8\NC
21	4900004	4	NUT\HEX\3/4\NC
22	4900009	2	NUT\HEX\1/4\NC
23	4900012	9	NUT\TPLCK\5/8\NC
24	4900023	2	NUT\TPLCK\3/8\NC
25	4900108	4	NUT\FLG\SERR\5/16\NC
26	4900143	40	NUT\TPLCK\5/8\GR8\NF
27	5000001	6	WASH\FLAT\3/8
28	5000004	44	WASH\FLAT\1/2
29	5000005	8	WASH\FLAT\3/4
30	5000006	37	WASH\LOCK\1/2
31	5000008	1	WASH\MACH\1-1/2IDX10GA\NR
32	5000012	4	WASH\LOCK\3/4
33	5000019	4	WASH\LOCK\3/8
34	5000024	2	WASH\LOCK\1/4
35	5200012	40	FLAIL\BB\8
36	6100002	1	SPRING\COMP\.072W\11/16OD\2-1/8LONG
37	6100031	1	SPRING\COMP\.072W\25/32OD
38	6200021	1	KEY\SQ\3/8X1-1/2\HARDEND
39	7500223	40	BUSH\FLAIL\1-1/4X.687x2-1/8L
40	7500736	1	GRIP\HAND\1X4-1/2\FLG
41	7501045	2	LATCH\ADJ\OTC\4" GRIP
42	7501050	2	PLATE\SICKLE
43	8100036	1	MNT\MTR\HYD
44	8100763	9	ADJUSTABLE\SLUGBAR
45	8100778	1	BRKT\BRG\REAR\RTR
46	8100793	1	CHNNL\STRIPPER\SHREADER
47	8100876	1	SHLD\BRG\REAR\RTR
48	8100877	1	LATCH\SHLD\BRG\REAR\RTR
49	8100879	1	MNT\SHLD\REAR\BRG\RTR
50	8100890	2	SHM\10GA\BRG\RTR
51	8101038	1	BRKT\INDEX\SLUGBAR
52	8101039	1	BRKT\BRG\SLUGBAR
53	8101050	1	BRKT\HANDLE\INDEX\SLUGBAR
54	8101051	1	BRKT\MNT\HANDLE\SLUGBAR
55	8101070	1	SHLD\REAR\SHRDR\2650
56	8101094	1	SHAFT\SLUGBAR\2650
57	8101313	1	PAN\DISH\ADJ
58	8101511	2	CHNNL\STRIPPER\OPTION
59	8101748	1	BRKT\STRG\JACK
60	8101784	1	SHRDR\ASSY\2655
61	8101785	1	ROTOR 2655
62	8101786	1	FRM\SHRDR\RH\2655
63	8101787	1	DOOR\SHRDR\2655\71-1/4\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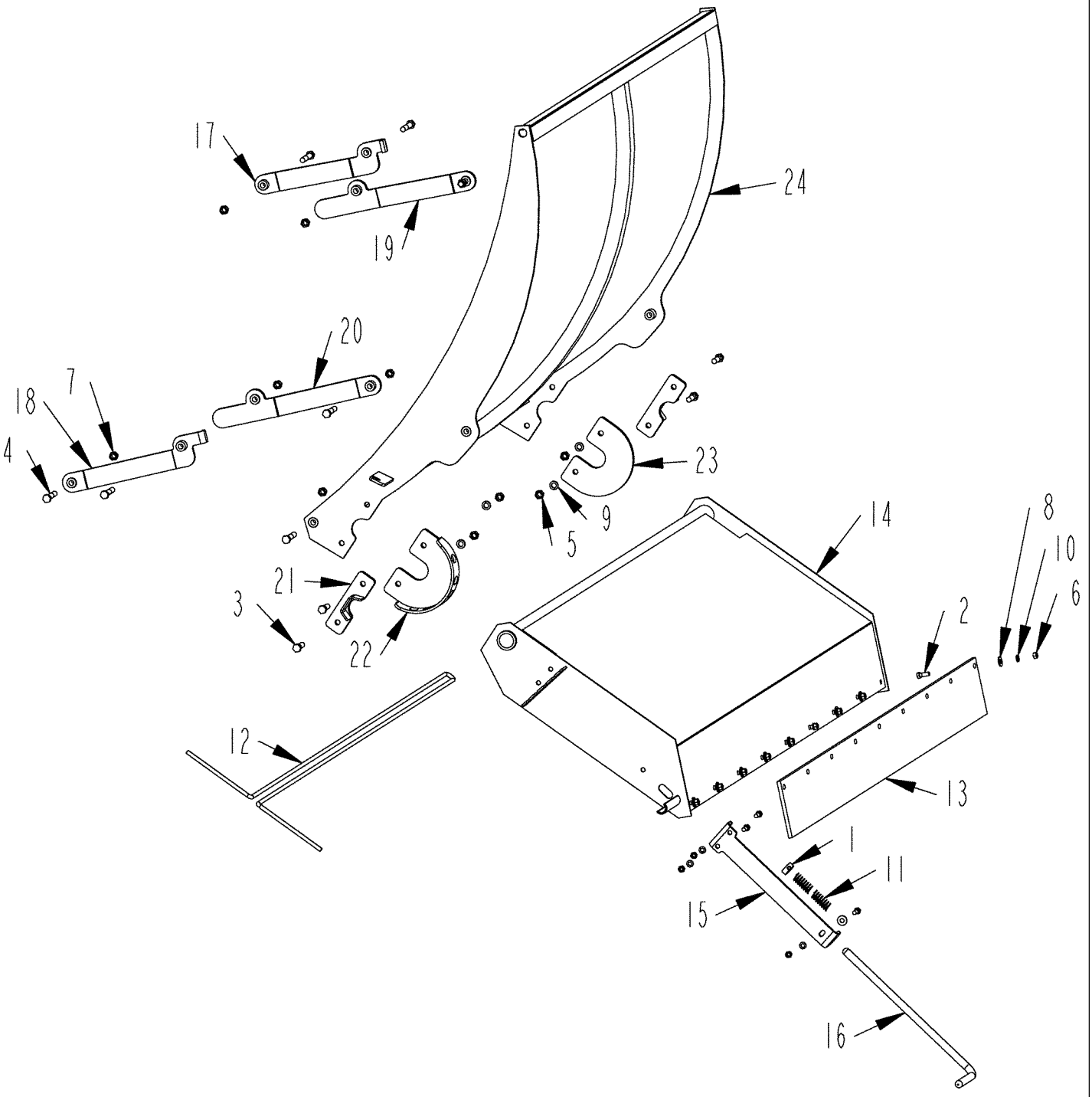
LOADER AND TINES ASSEMBLY

ITEM	PART NO.	QTY.	DESCRIPTION
1	3800082	5	FTG\LUB\1/4NFXZERK\ADAPT
2	4100030	1	PIN 1" X 3-1/2" HYD. CYL.
3	4800056	2	PIN\HAIR\3/16(#3)
4	4800203	2	PIN\COT\5/32X2
5	4800471	2	BOLT\HEX\1X7\NC
6	4800633	1	BOLT\HEX\1X5-1/2\NC\GR5\PLT
7	4900127	8	NUT\TPLCK\1\NC
8	8100794	2	PIN\LOCK\TRANSPORT
9	8101033	1	TINE\SQ\LEFTHAND
10	8101075	1	TINE\SQ\RIGHTHAND
11	8101099	1	MNFRM\2650
12	8101115	1	LOADER\UPPER\
13	8101311	1	BOLT\HEX\1X5-1/2\GREASE
14	8101312	2	BOLT\HEX\1X6-1/2\GREASE
15	8101352	2	BOLT\HEX\1X6\GREASE
16	8101513	1	LOWER\LOADER
17	4100273	1	CYL\HYD\4-1/2X24\1-3/4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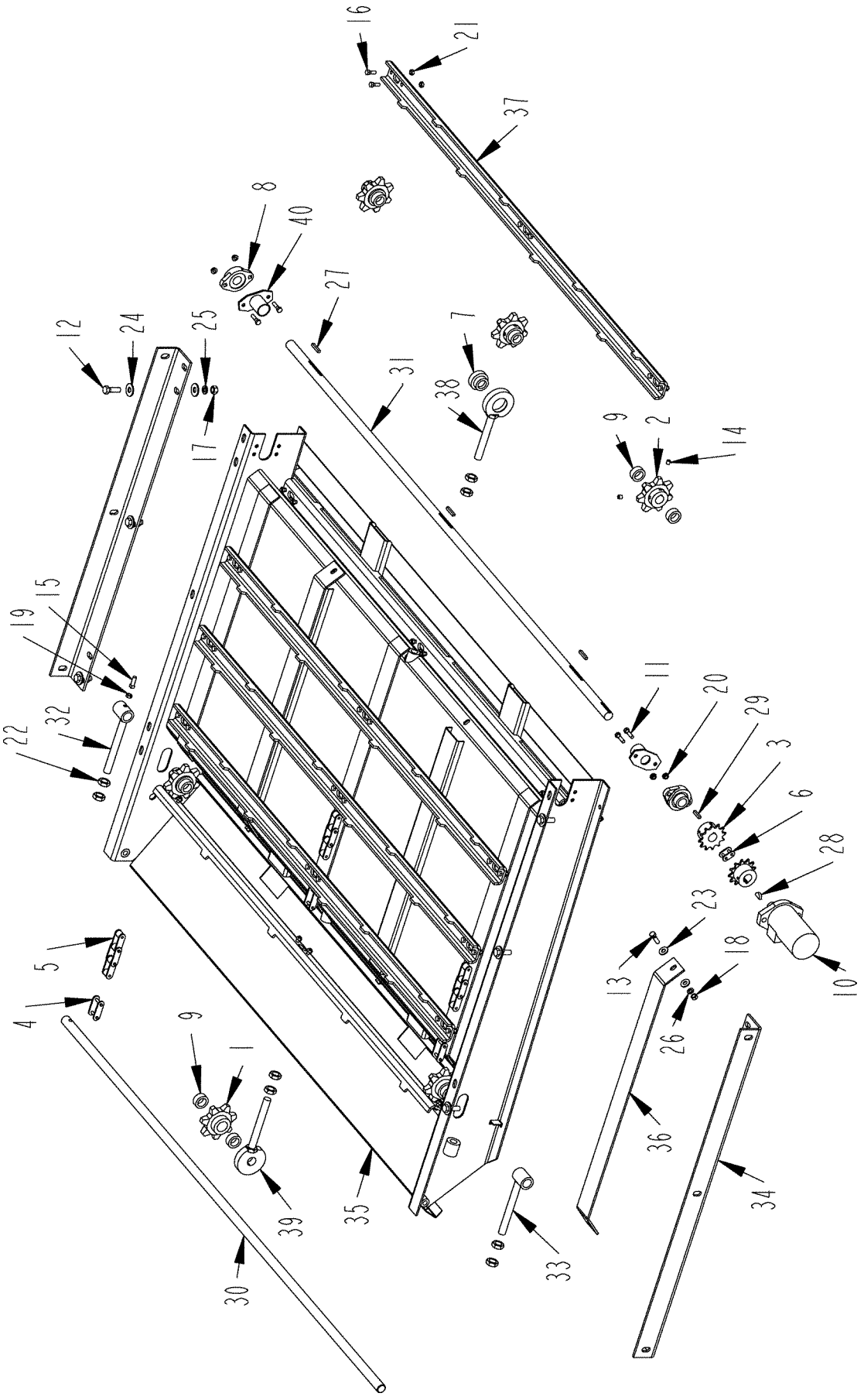
RACK AND DEFLECTOR ASSEMBLY

ITEM	PART NO.	QTY.	DESCRIPTION
1	2000811	1	CLLR\LOCK\3/4
2	4800003	12	BOLT\HEX\3/8X1
3	4800178	4	BOLT\HEX\1/2X1-3/4
4	4800351	8	BOLT\HEX\1/2X2-3/4
5	4900001	4	NUT\HEX\1/2\NC
6	4900002	12	NUT\HEX\3/8\NC
7	4900014	8	NUT\TPLCK\1/2\NC
8	5000001	10	WASH\FLAT\3/8
9	5000006	4	WASH\LOCK\1/2
10	5000019	12	WASH\LOCK\3/8
11	6100031	2	SPRING\COMP\.072W\25/32OD
12	6100075	1	BRKT\TORSION\DFLCRT
13	8100791	1	BELT\DFLCTR\6X73-3/4
13A	8100819	opt	BELT\DEFL\18X73-3/4
14	8101046	1	DFLCTR\REAR LATCH\2002
15	8101087	1	BRKT\LATCH\DFLCTR
16	8101088	1	ROD\LATCH\DFLCTR
17	8101090	T 1	BRKT\STRAP\RACK\W-STOP\FRON
18	8101091	1	BRKT\STRAP\RACK\W-STOP\REAR
19	8101092	1	BRKT\STRAP\RACK\FRONT
20	8101093	1	BRKT\STRAP\RACK\REAR
21	8101145	2	MNT\DFLCTR
22	8101146	1	MNT\DFLCTR\W-INDEX
23	8101147	1	MNT\HINGE\DFLCTR
24	8101750	1	RACK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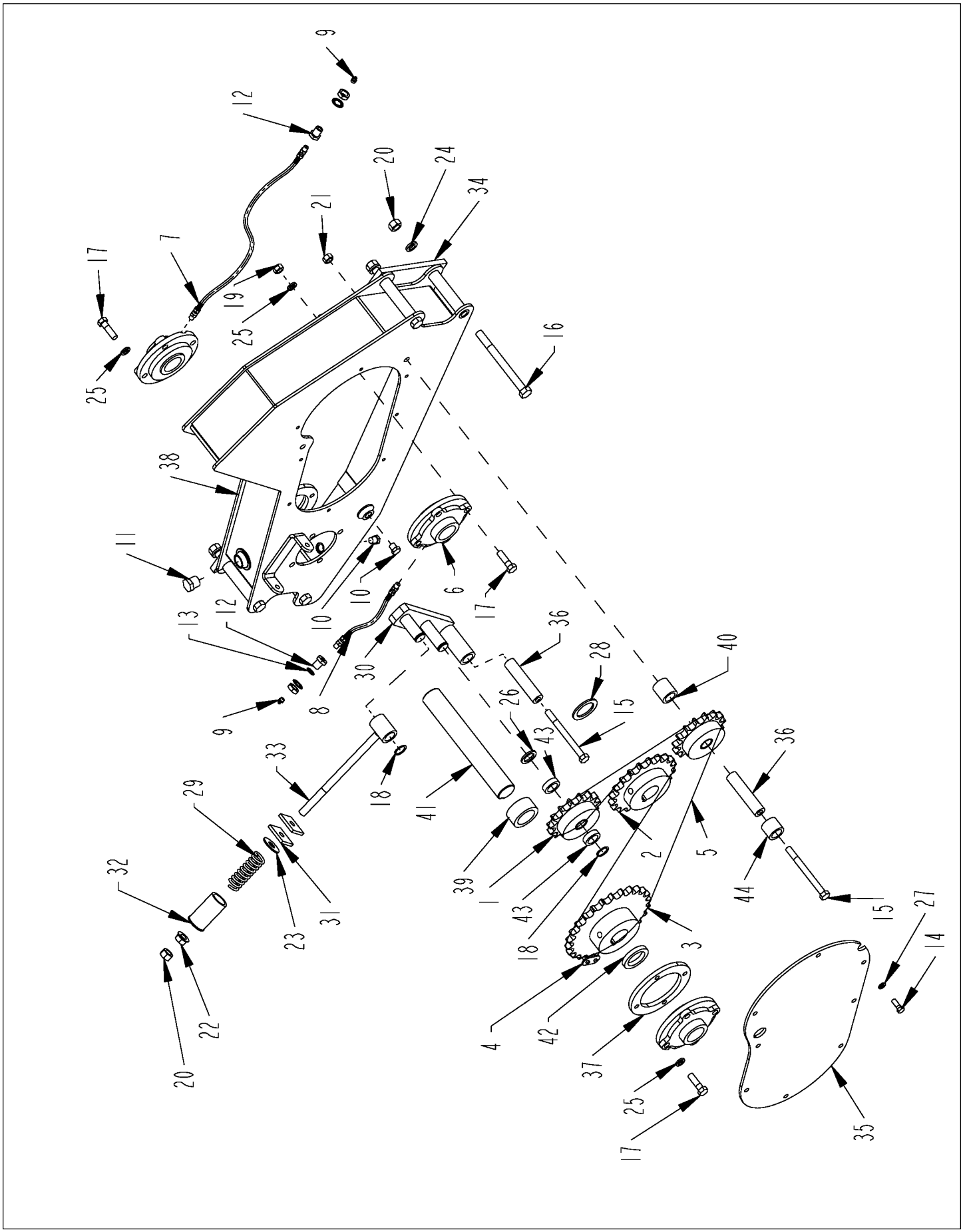
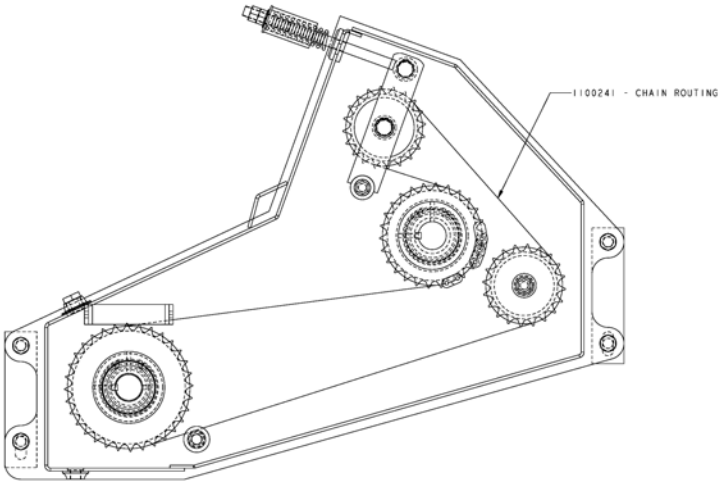
ITEM	PART NO.	QTY.	DESCRIPTION
1	1000088	3	SPKT\662\7\1\IDLER\CA
2	1000089	3	SPKT\662\7\1\1/4KW\DR
3	1000233	2	SPKT\60\B\12\1\1/4KW
4	1100103	3	CHAIN\620CA\CL
5	1100150	3	CHAIN\620CA\53\W/ATTCH
6	1100240	1	CHAIN\60\12\CPLNG\W-CL
7	2000047	1	BRG\W/CLLR\1\FHR\205-16
8	2000310	2	BRG\FLG\CAST\1\2BOLT
9	2000809	12	CLLOR\SHFT\1\(SET)
10	3900025	1	MOTOR\HYD\17.9\H\AMNT\7/8FOR\1SHFT
11	4800071	4	BOLT\HEX\5/16X1-1/4
12	4800082	6	BOLT\HEX\1/2X1-1/2
13	4800098	4	BOLT\HEX\3/8X1-1/4\NC
14	4800143	6	SCR\SET\ALN\3/8X3/8\NC
15	4800307	1	SCR\SET\SQ\3/8X1\NC
16	4800393	54	BOLT\HEX\5/16X7/8\GR8
17	4900001	6	NUT\HEX\1/2\NC
18	4900002	4	NUT\HEX\3/8\NC
19	4900026	1	NUT\JAM\3/8\NC
20	4900027	4	NUT\FLG\TPLCK\5/16\NC
21	4900099	54	NUT\TPLCK\5/16\GR8\NC
22	4900104	10	NUT\JAM\3/4\NC
23	5000001	8	WASH\FLAT\3/8
24	5000004	12	WASH\FLAT\1/2
25	5000006	6	WASH\LOCK\1/2
26	5000019	4	WASH\LOCK\3/8
27	6200005	3	KEY\SQ\1/4X1-1/2
28	6200011	1	KEY\WDF\1/4X1
29	6200014	1	KEY\SQ\1/4X1-1/4
30	8100779	1	SHFT\IDLER\CNVYR
31	8100780	1	SHFT\DRIVE\76\CNVYR
32	8100783	1	BRKT\SHAFT\IDLER\CNVYR
33	8101022	1	BRKT\SHAFT\IDLER\NO-TAP
34	8101048	2	MNT\CNVYR\3\BRK
35	8101049	1	FRM\CNVYR\FLATBOTTOM
36	8101052	2	PL\RUB\CHAIN\CNVYR
37	8101053	9	PLT\SLAT
38	8101696	1	MNT\BRG\CNVYR
39	8101699	1	MNT\SHFT\CNVYR
40	8101749	2	GUARD\TWINE\CNVYR

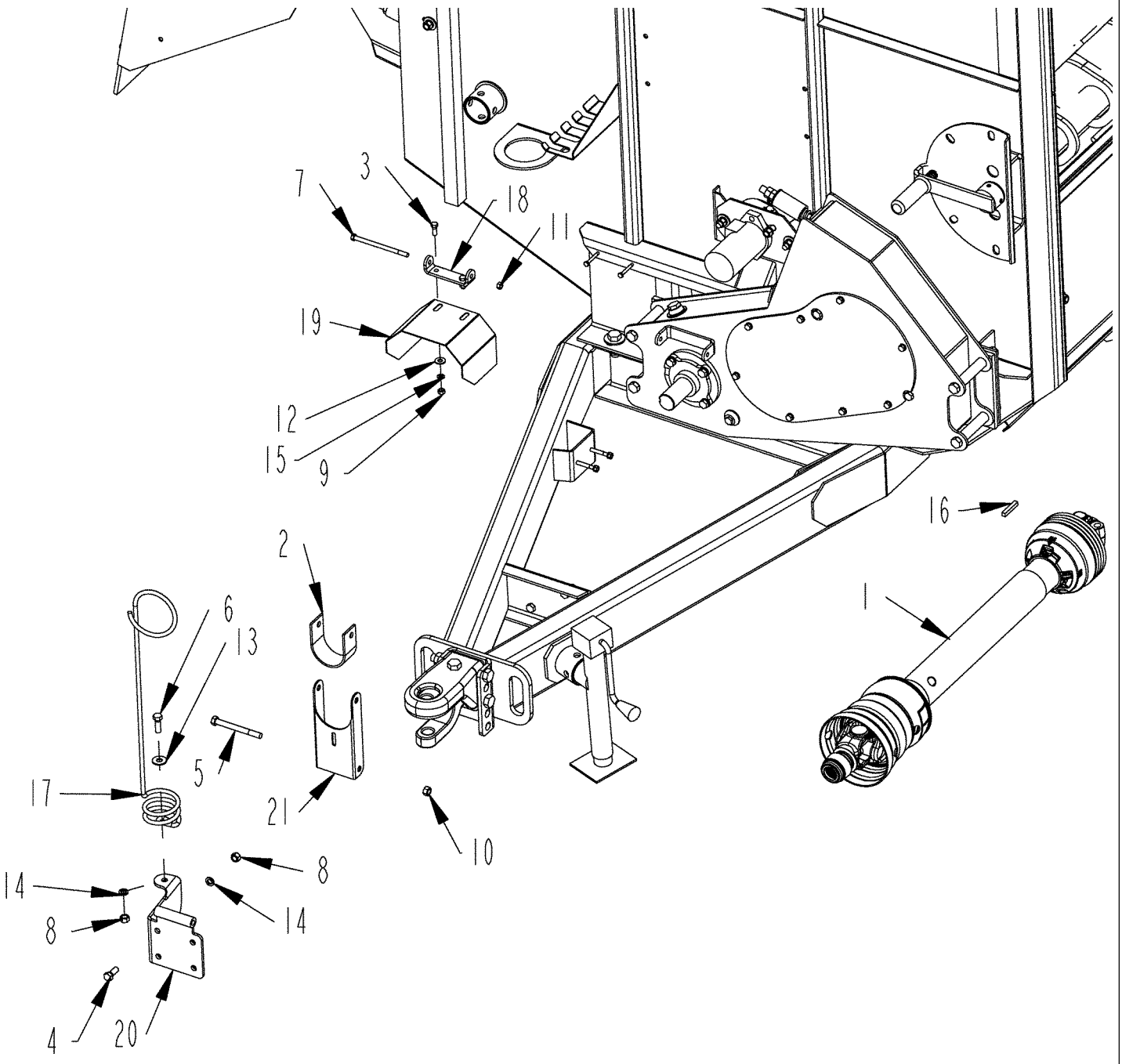


DRIVE CHAIN ASSEMBLY

ITEM	PART NO.	QTY.	DESCRIPTION
1	1000276	2	SPKT\B\80\15\HT\1\IDLER
2	1000277	1	SPKT\80\B\20\HT\1-3/4\3/8KW
3	1000294	1	SPKT\B\80\26\HT\1-3/4\3/8KW
4	1100162	1	CHAIN\80H\CL
5	1100293	1	CHAIN\80H\97 LINKS
6	2000339	3	BRG\FLG\CAST\PILOTED\1-3/4
7	3700769	1	HOSE\LUB\1/8X23\MPS-MPS
8	3700770	1	HOSE\LUB\1/8X8-1/2\MPS-MPS
9	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
10	3800173	2	FTG\3/8MP\PLUG\HEX
11	3800452	1	FTG\3/4MP\VENT\BREATHER
12	3800895	2	FTG\1/8FP\CPLG\ANCHOR\5/8NF
13	3800896	1	FTG\O-RING\5/8IDX13/16OD
14	4800003	8	BOLT\HEX\3/8X1
15	4800077	2	BOLT\HEX\1/2X5-1/2
16	4800155	4	BOLT\HEX\5/8X7
17	4800178	12	BOLT\HEX\1/2X1-3/4
18	4800904	2	SNSPRNG\EXT\1"
19	4900001	4	NUT\HEX\1/2\NC
20	4900005	5	NUT\HEX\5/8\NC
21	4900014	2	NUT\TPLCK\1/2\NC
22	4900110	1	NUT\FLG\SERR\5/8\NC
23	5000002	2	WASH\FLAT\5/8
24	5000003	4	WASH\LOCK\5/8
25	5000006	12	WASH\LOCK\1/2
26	5000018	1	WASH\FLAT\1\10GA\1-1/2 O.D.
27	5000019	8	WASH\LOCK\3/8
28	5000051	1	WASH\MACH\1-3/4ID\10GA\PL
29	6100076	1	SPRING\1-1/4 O.D. X 3-3/4 LONG X 3/16 WIRE X 10 COILS
30	8101043	1	BRKT\IDLER\CHAIN\DRIVE
31	8101077	2	RUBBER\CUSHION
32	8101078	1	BRKT\LIMIT\SPRING
33	8101079	1	ROD\IDLER\CONTROLL
34	8101080	2	BRKT\MNT\CHAINDRIVE
35	8101081	1	SHLD\HSG\DRV\PTO
36	8101084	2	MNT\IDLER\DRV\PTO
37	8101307	2	RING\MNT\BRG
38	8101309	1	CASE\CHAIN
39	8101709	1	TUBE\SPCR\DRV\PTO
40	8101710	1	BRKT\IDLER\DRV\PTO
41	8101712	1	SHFT\DRV\CHAIN\PTO
42	8101789	1	TUBE\SPCR\DRV\PTO
43	8101790	2	TUBE\IDLER\DRV\PTO
44	8101791	1	TUBE\IDLER\DRV\PTO



DRIVE CHAIN ASSEMBLY - CHAIN ROUTING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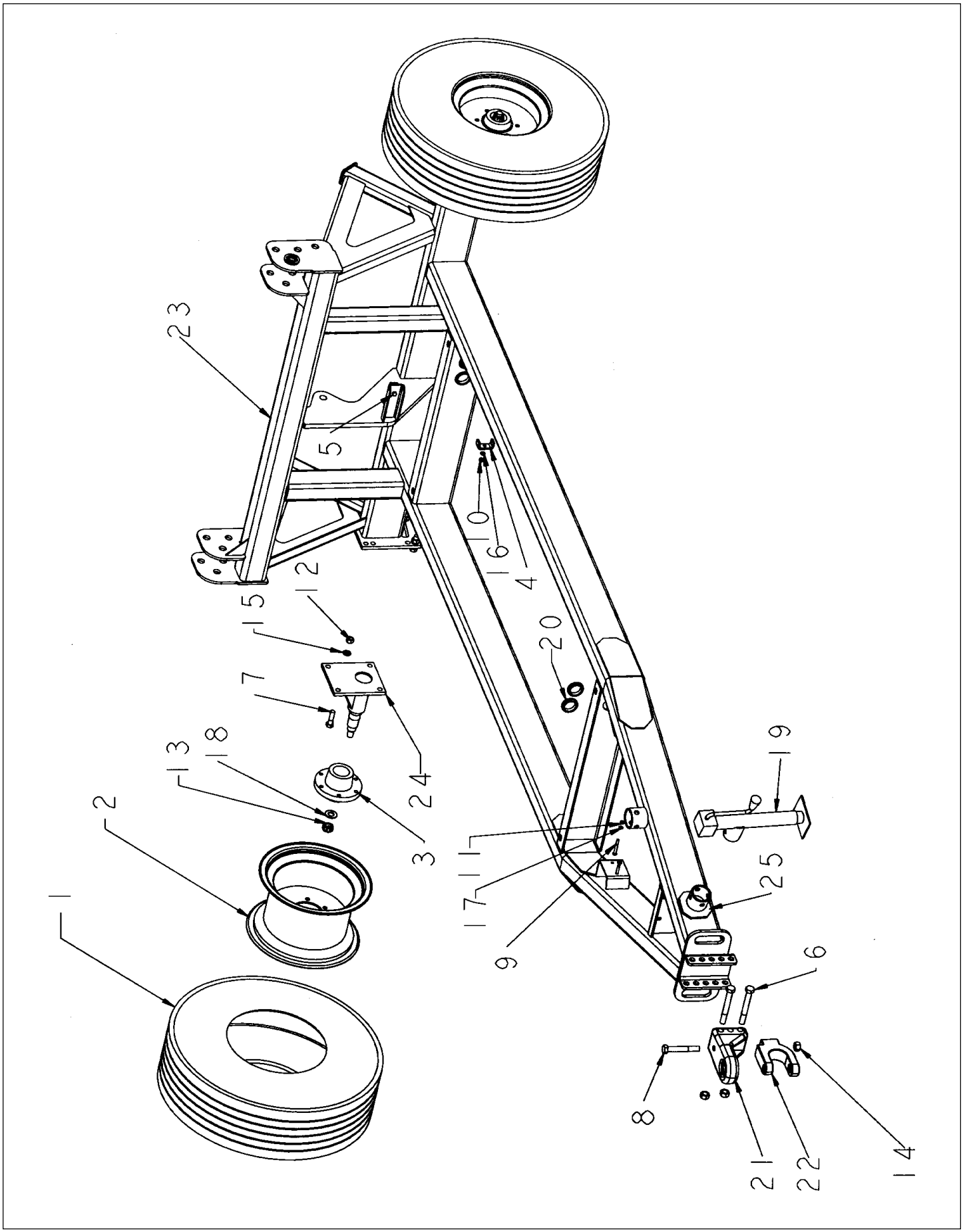
DRIVE LINE ASSEMBLY

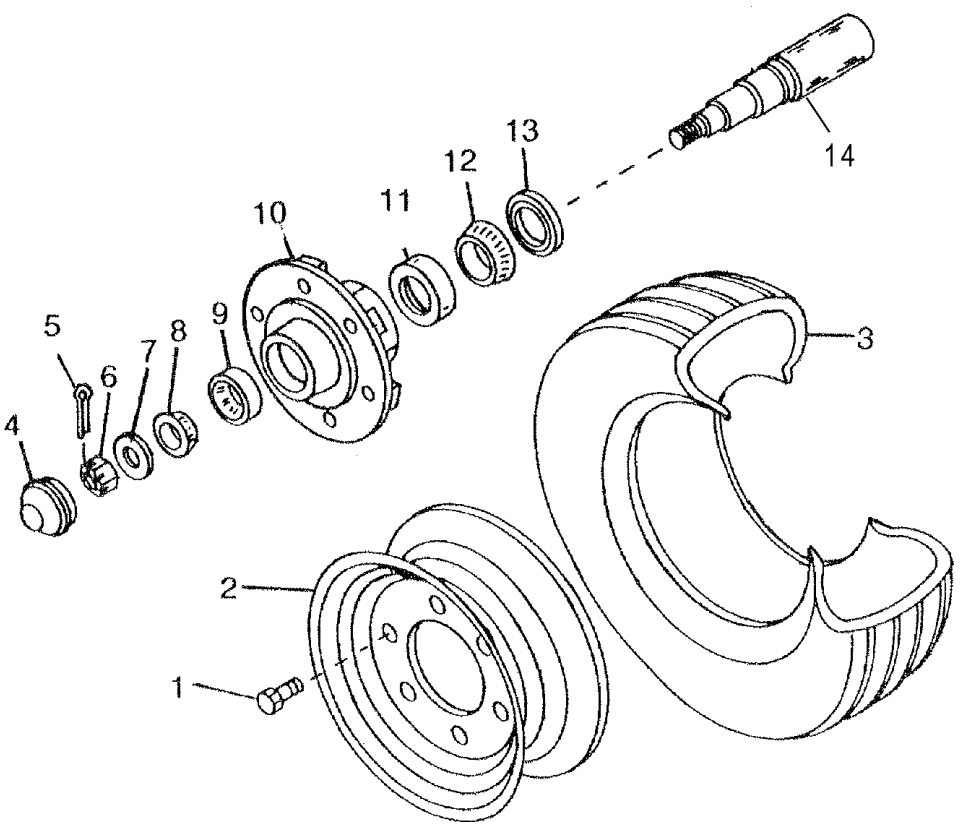
ITEM	PART NO.	QTY.	DESCRIPTION
1	3600684	1	PTO\44E\CAT5\80CV\21SP\1-3/8>
2	4500754	1	BELT\BRKT\PTO
3	4800003	2	BOLT\HEX\3/8X1
4	4800018	4	BOLT\HEX\1/2X1-1/4
5	4800041	1	BOLT\HEX\1/2X5
6	4800082	1	BOLT\HEX\1/2X1-1/2
7	4800210	1	BOLT\HEX\3/8X6
8	4900001	7	NUT\HEX\1/2\NC
9	4900002	2	NUT\HEX\3/8\NC
10	4900014	1	NUT\TPLCK\1/2\NC
11	4900023	1	NUT\TPLCK\3/8\NC
12	5000001	2	WASH\FLAT\3/8
13	5000004	1	WASH\FLAT\1/2
14	5000006	7	WASH\LOCK\1/2
15	5000019	2	WASH\LOCK\3/8
16	6200020	1	KEY\SQ\3/8X2-1/4\HARDEND
17	7500170	1	HOSE MINDER
18	8101076	1	MNT\SHLD\DRV
19	8101795	1	SHLD\PTO
20	8101796	1	MNT\HOSEMINDER\MNFRM
21	8101803	1	BRKT\PTO
	NOT SHOWN		
	4800908	2	BOLT\CRG\1/2X1

MAIN FRAME ASSEMBLY



MAIN FRAME ASSEMBLY

ITEM	PART NO.	QTY.	DESCRIPTION
1	2600046	2	12LX15 8 PLY TIRE
2	2600624	2	15 X 8 6 BOLT WHEEL
1&2	2600841		WHL\IMP\12.5L15\TIRE&RIM
3	2900069	2	HUB\6BOLT\631\COMP
4	4700777	4	CLMP\HOSE\1/2
5	4800146	1	BOLT\HEX\3/8X2
6	4800248	1	BOLT\HEX\3/4X6
7	4800350	8	BOLT\HEX\5/8X2-1/4
8	4800562	1	BOLT\HEX\3/4X5\GR8\NC
9	4800570	2	BOLT\HEX\5/16X2-1/2
10	4900002	4	NUT\HEX\3/8\NC
11	4900003	2	NUT\HEX\5/16\NC
12	4900005	8	NUT\HEX\5/8\NC
13	4900054	2	NUT\CASTLE\1/2\NF
14	4900139	3	NUT\TPLCK\3/4\GR8\NC
15	5000003	8	WASH\LOCK\5/8
16	5000019	4	WASH\LOCK\3/8
17	5000022	2	WASH\LOCK\5/16
18	5000055	2	WASH\SPINDLE\7/8
19	5800632	1	JACK\5000LB\15"\SWIVEL-STYLE
20	7500360	4	GRMT\RBBR\2X1.75IDX1/4T
21	7501047	1	HITCH\BASE\#3\PPI\1"PIN
22	7501048	1	HITCH\CLEVIS\PPI\1"PIN
23	8101099	1	MNFRM\2650
24	8101703	2	SPNDL\BOLT-ON\HVY
25	5800624		WELD ON BELL For #19 Jack
	NOT SHOWN		
	1100275	1	CHAIN\1/4\SFTY\AG\11000LB
	5000005	1	WASH\FLAT\3/4
	5000030	1	WASH\FLAT\13/16\2OD\1/4T
	4800382	1	BOLT\HEX\3/4X6-1/2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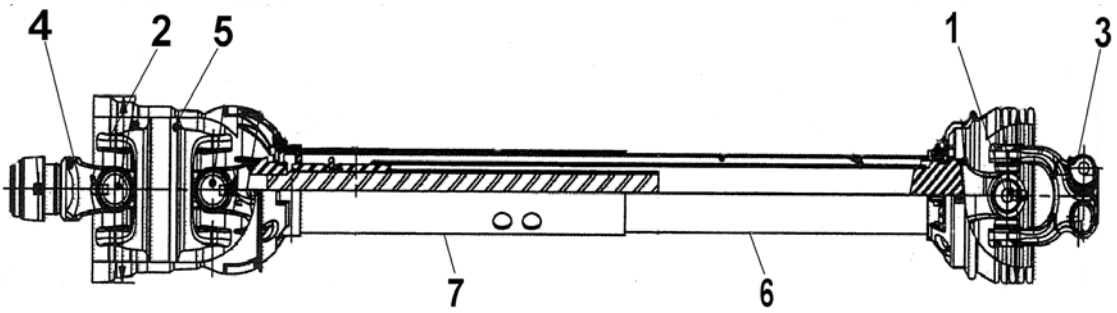
ITEM	PART NO.	QTY.	DESCRIPTION
1	2900012	6	Wheel Bolts, Per Hub
2	2600624	2	Wheel, 15” x 10 6-Bolt
3	2600041	2	Tire\31X10.5X15 Highway Tire
3	2600046	2	Tire\12.5LX15\8Ply\Implement Rib
4	2900013	1	Cap
5	4800157	1	Pin\Cotter\3/16X2
6	4900054	1	Nut, Castle, 7/8, nf
7	5000055	1	Washer, Spindle, 7/8 Flat
8	2900018	1	Cone, Outer
9	2900004	1	Cup, Outer
10	na	1	Order 2900069
11	2900006	1	Cup, Inner
12	2900007	1	Cone, Inner
13	2900008	1	Grease Seal
	2900069		Hub Complete includes 1,4,5,6,7,8,9,10,11,12,13
	2600823		Whl\Hwy\Kit\31X10.5X15 Tire & Rim includes 2 and 3
	2600841		Wheel\Imp\12.5L15\Tire&Rim includes 2 and 3
14	8101703		SPNDL\BOLT-ON\MNFRM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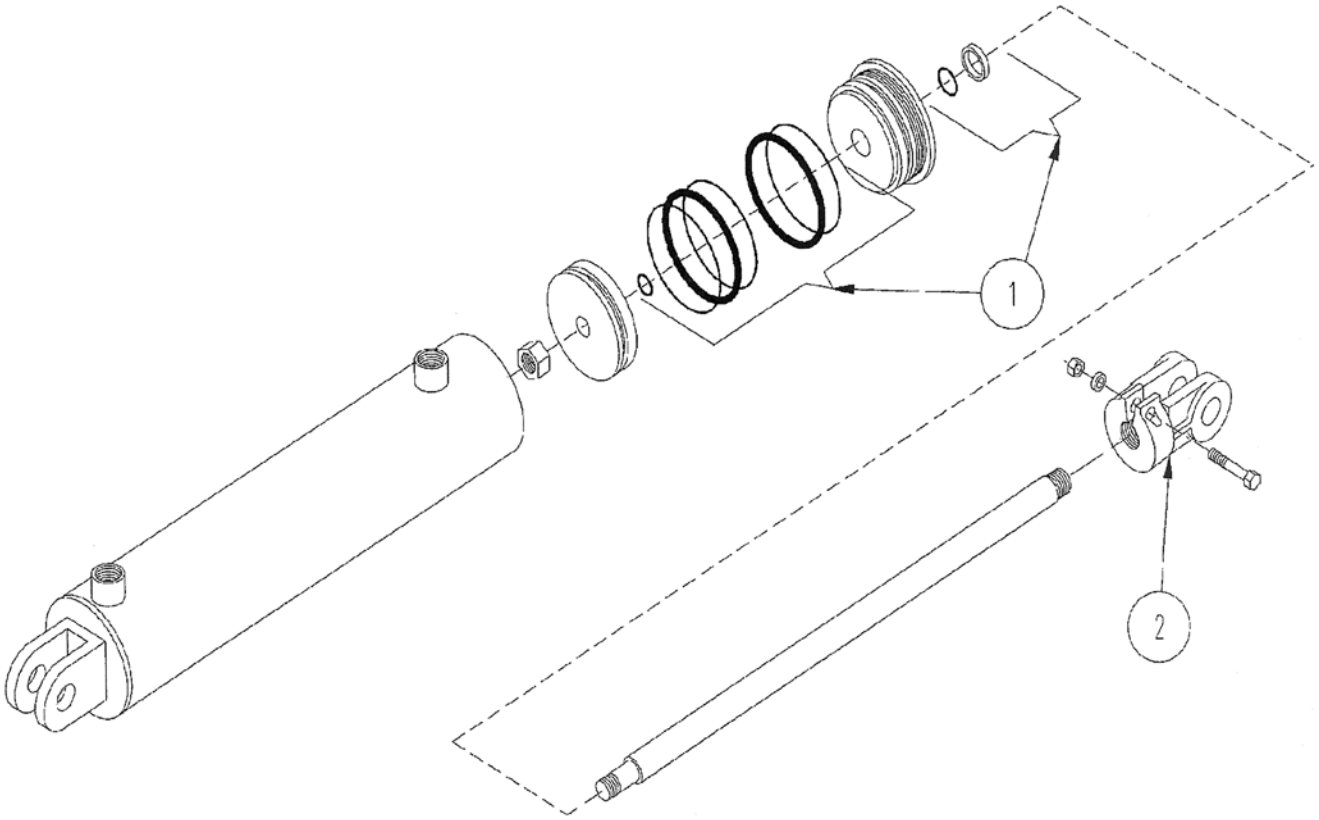
PTO ASSEMBLY #3600684

ITEM	PART NO.	DESCRIPTION
1	3600604	CROSS&BRG\44E\WSLR
2	3600605	CROSS&BRG\CAT5\80DEG\CV
3	3600369	YOKE 36-334 2544
4	3600689	YOKE\44E\1-3/8CV-21SPLINE\SSL
5	3600701	CENTER HOUSING
6	3600685	PTO\HALF\MACHINE\3600684
7	3600686	PTO\HALF\TRACTOR\3600684
	3600684	**PTO\44E\CAT5\80CV\21SP\1-3/8>**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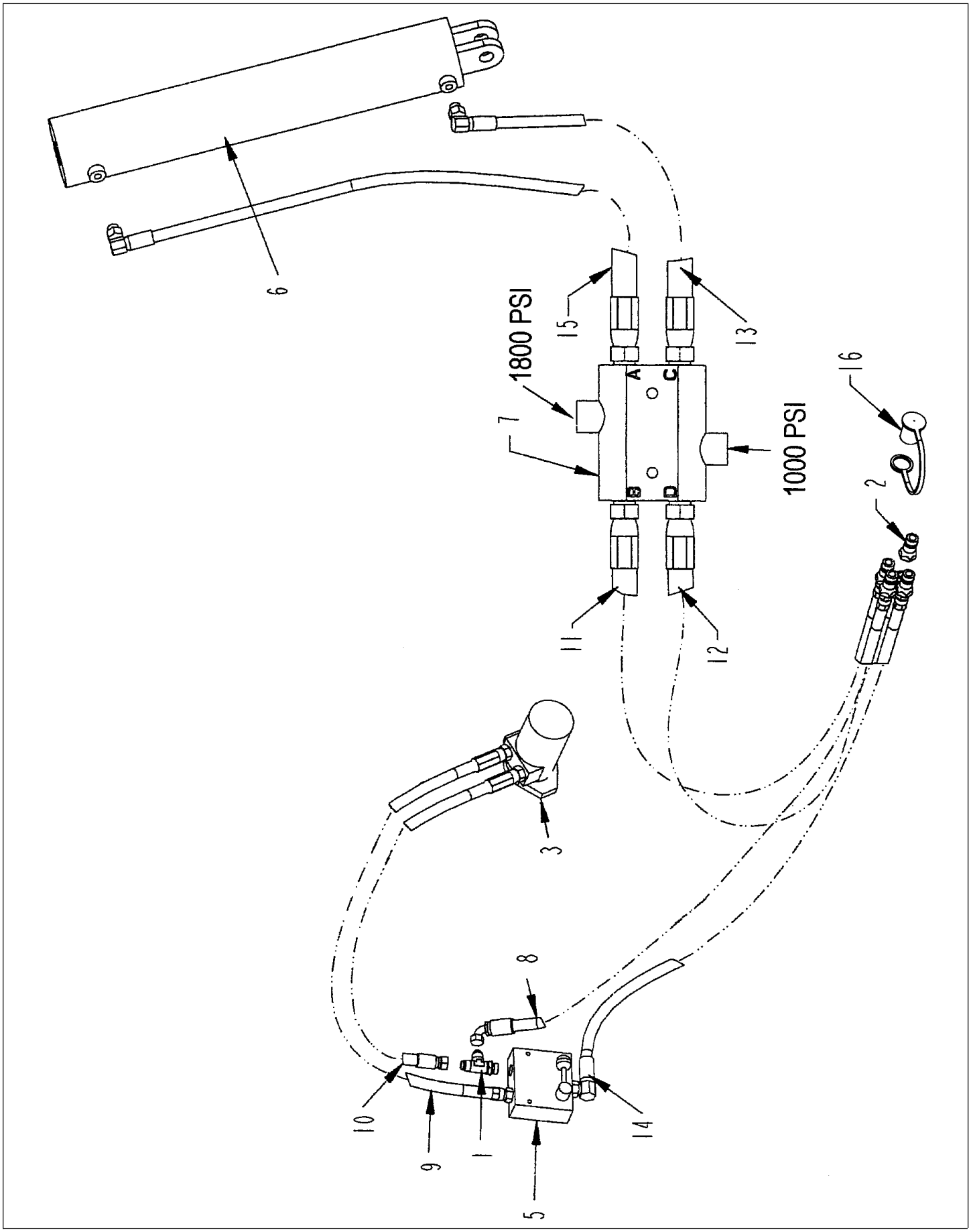
HYDRAULIC CYLINDER

ITEM	PART NO.	QTY.	DESCRIPTION
	4100273		CYL\HYD\4-1/2X24\1-3/4 ROD\1"PIN\WELD\3/4;0-RING
1	4100278	1	SEAL\KIT\3-3/4X8\BYPASS\RAM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1000 PSI
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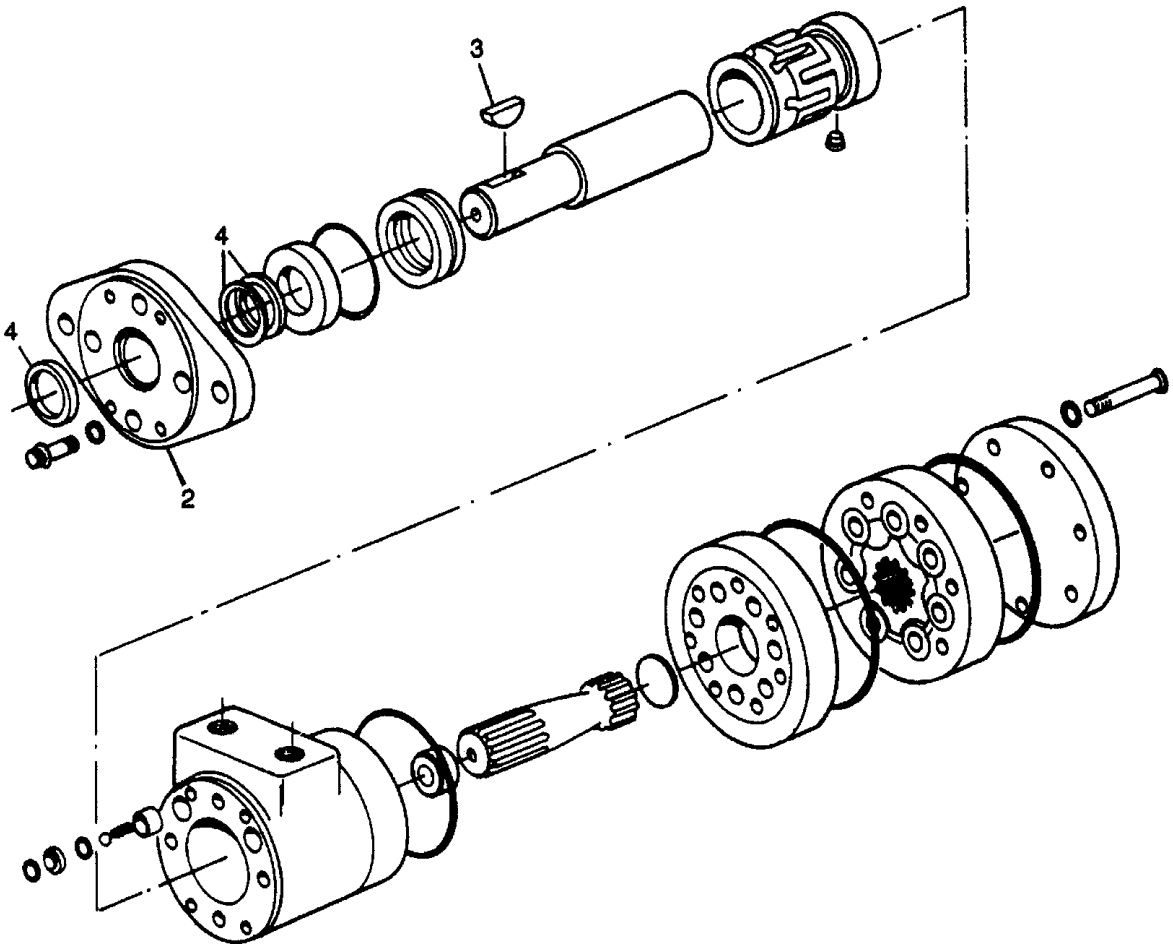
ITEM	PART NO.	QTY.	DESCRIPTION
1	3800483	1	FTG\3/4MORX3/4MJICX3/4MJIC\RUN;TEE
2	3800694	4	FTG\3/4FOR\QUICK;CPLR\FEMALE
3	3900025	1	MOTOR\HYD\17.9\H\AMNT\7/8FOR\1SHFT
5	4000213	1	VALVE\CONTROL\FLOW\3/4MOR
6	4100273		CYL\HYD\4-1/2X24\1-3/4
	4100223		SEAL KIT for 4100273
	4100272		REPLACEMENT ROD for 4100273
7	4000234	1	VALVE\RELIEF\CROSS\RC13BB
	4000417		VALVE\HYD\RELF\1000PSI>
	4000418		VALVE\HYD\RFLF\1800PSI>
8	3700618	1	HOSE\HYD\1/2X118\3/4MORX3/4FJIC90
9	3700537	1	HOSE\HYD\1/2X40\7/8MOR-3/4MOR
10	3700538	1	HOSE\HYD\1/2X38\7/8MOR-3/4FJIC
11	3700604	1	HOSE\HYD\1/2X108\3/4MOR-3/4MORS
12	3700604	1	HOSE\HYD\1/2X108\3/4MOR-3/4MORS
13	3700605	1	HOSE\HYD\1/2X140\3/4MORS-3/4MORS90
14	3700617	1	HOSE\HYD\1/2X112\3/4MORSX3/4MOR
15	3700606	1	HOSE\HYD\1/2X164\3/4MORS-3/4MORS90
16	7501361	2	CAP\YELLOW\DUST\HOSE\HYD
16A	7501362	2	CAP\RED\DUST\HOSE\HYD

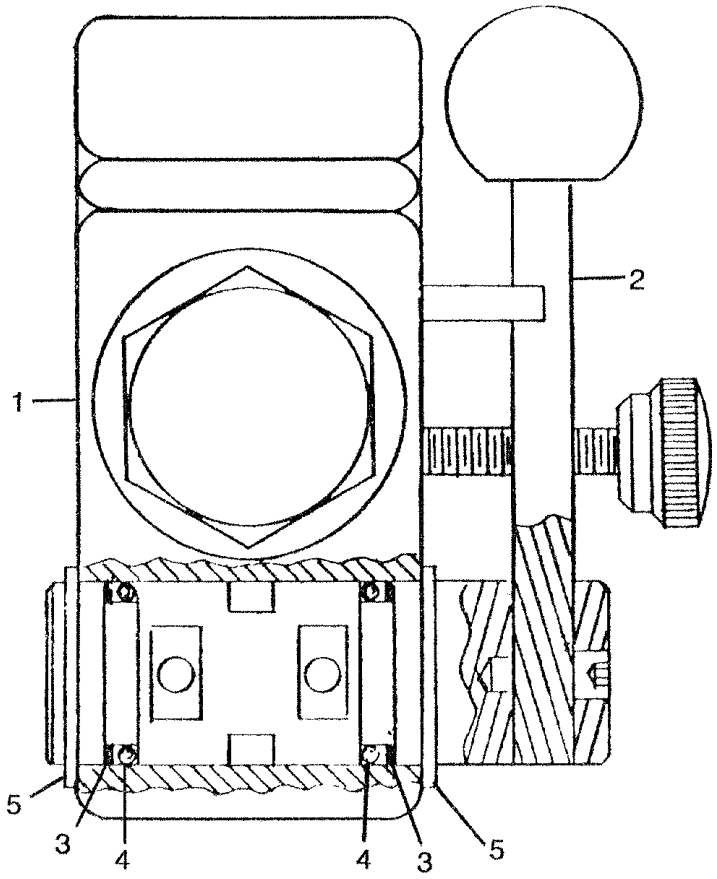
ORBIT MOTOR

ITEM	PART NUMBER	QTY	DESCRIPTION
1	3900025		Mtr\Hyd\17.9\H\A;MNT\7/8for o-ring thread
2	3900002	1	Mounting Flange
3	6200011	1	Key, Woodruff
4	7501038	1	Seal Kit
1	3900033		Mtr\Hyd\14.1\7/8FOR
4	7501038	1	Seal Kit

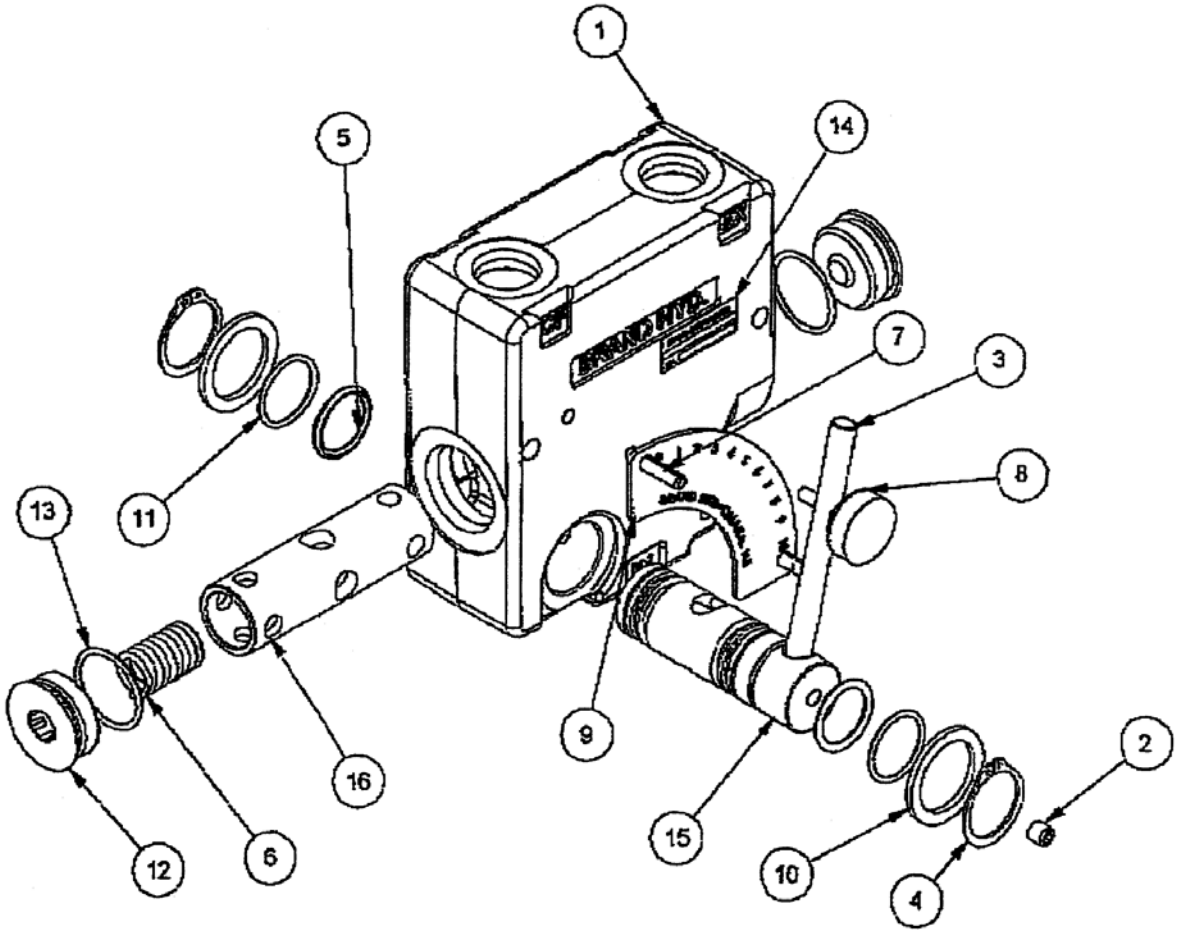


FLOW CONTROL VALVE

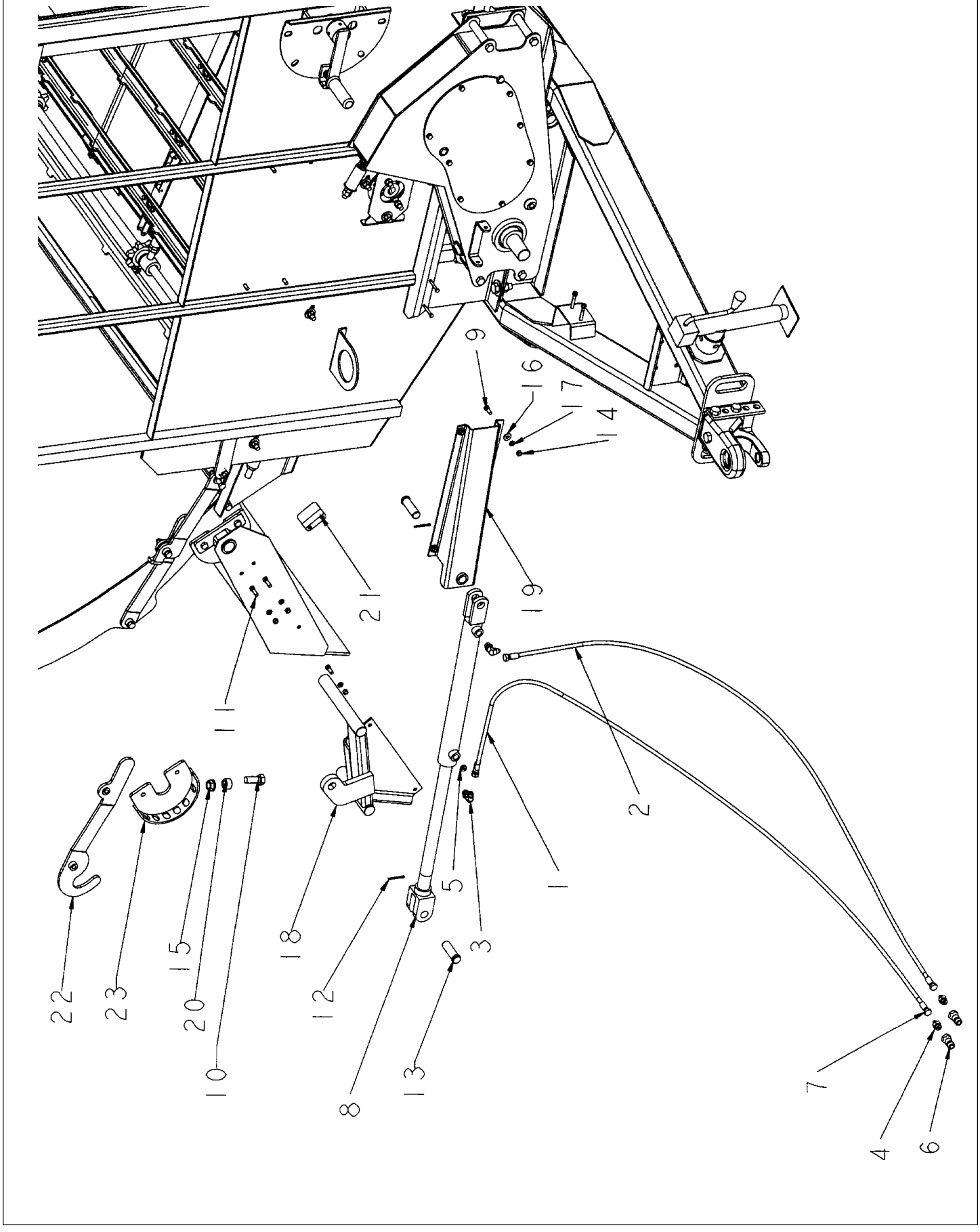
ITEM	PART NO.	QTY.	DESCRIPTION
1	4000213	1	Flow Control Valve, o-ring thread
2	4000031	1	Handle Assembly
3 & 4	4000091	1	Seal\Kit\FlowControl
5	4000034	2	Snap Ring



FLOW CONTROL VALVE 4000331



ITEM	PART NO.	DESCRIPTION
	4000331	VALVE\FLW-CRTL\#8FOR
3 & 8	4000334	HDL\ASSY\V\HYD
5,10,11, & 13	4000335	SEAL\KIT\V\HYD (INCLUDES 2 EACH OF 5,10,11, & 13)
4	4000336	SNAP RING\V\HYD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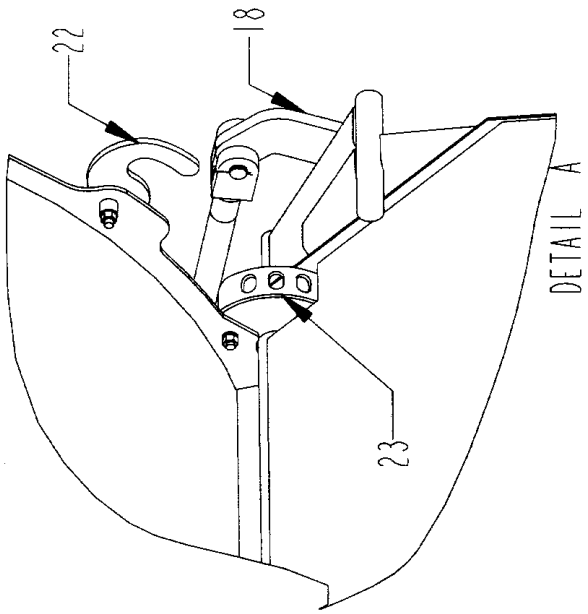
OPTIONAL HYDRAULIC DEFLECTOR

ITEM	PART NO.	QTY.	DESCRIPTION
1	3700609	1	HOSE\HYD\1/4X162\9/16FJCX9/16FJIC
2	3700651	1	HOSE\HYD\1/4X144\9/16FJCX9/16FJIC
3	3800453	2	FTG\3/4MORX9/16MJIC\90
4	3800530	2	FTG\3/4MORX9/16MJIC\ST
5	3800683	1	FTG\3/4MOR\ORFICE\0.0490"
6	3800694	2	FTG\3/4FOR\QUICK;CPLR\MALE
7	3800720	4	FTG\9/16FJICX1/4BARB\SW
8	4100229	1	CYL\HYD\2X18\1-1/4ROD
9	4800003	5	BOLT\HEX\3/8X1
10	4800033	1	BOLT\HEX\3/4X2
11	4800098	2	BOLT\HEX\3/8X1-1/4\NC
12	4800120	2	PIN\COT\3/16X1-3/4
13	4800185	2	PIN\CLEVIS\1X3
14	4900002	7	NUT\HEX\3/8\NC
15	4900158	1	NUT\FLG\SERR\3/4\NC
16	5000001	4	WASH\FLAT\3/8
17	5000019	7	WASH\LOCK\3/8
18	8101055	1	MNT\CYL\DFLCTR
19	8101057	1	MNT\CYL\SHRDR\DFLCTR
20	8101096	1	BRKT\STOP\HYD\LOADER
21	8101097	1	BRKT\LATCH\DFLCTR
22	8101098	1	BRKT\STRAP\RACK\HOOK\2650
23	8101146	1	MNT\DFLCTR\W-INDEX
	8101114		**CNTRL\DEFL\HYD\KIT\2650**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DETAIL A
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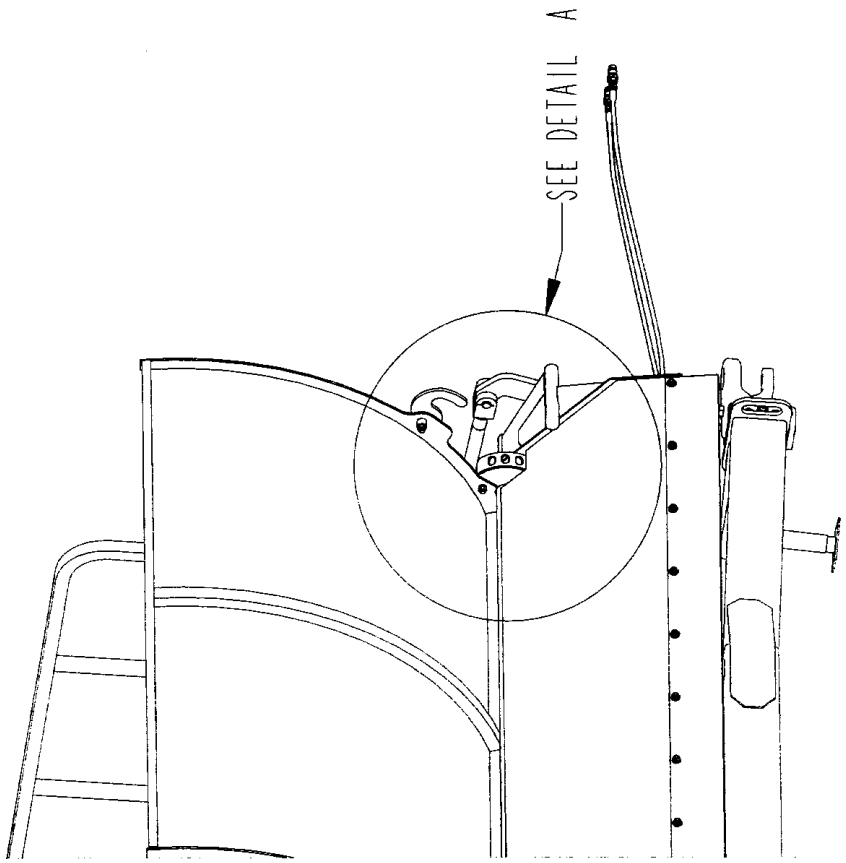
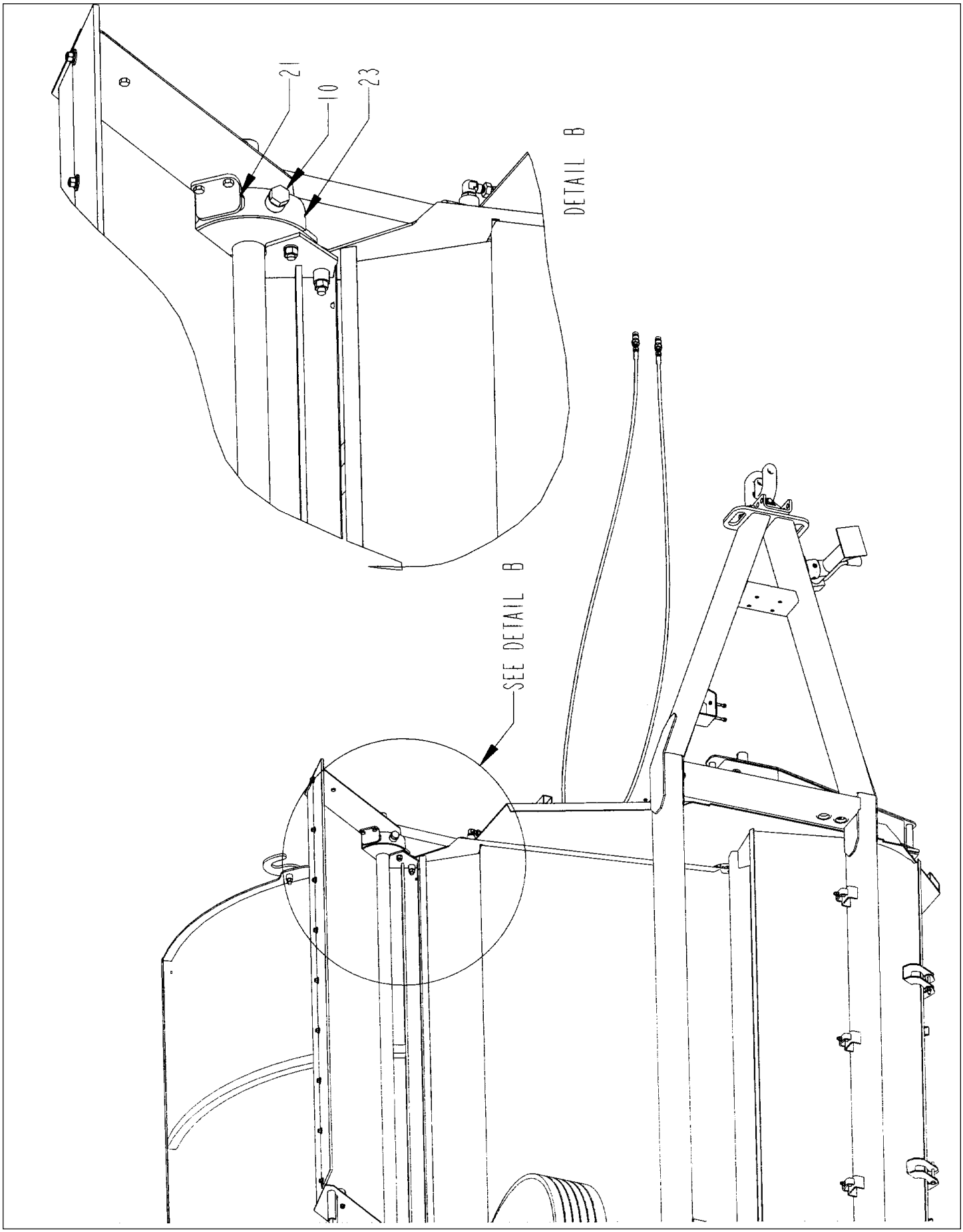

SEE DETAIL A

OPTIONAL HYDRAULIC DEFLECTOR - DETAIL A

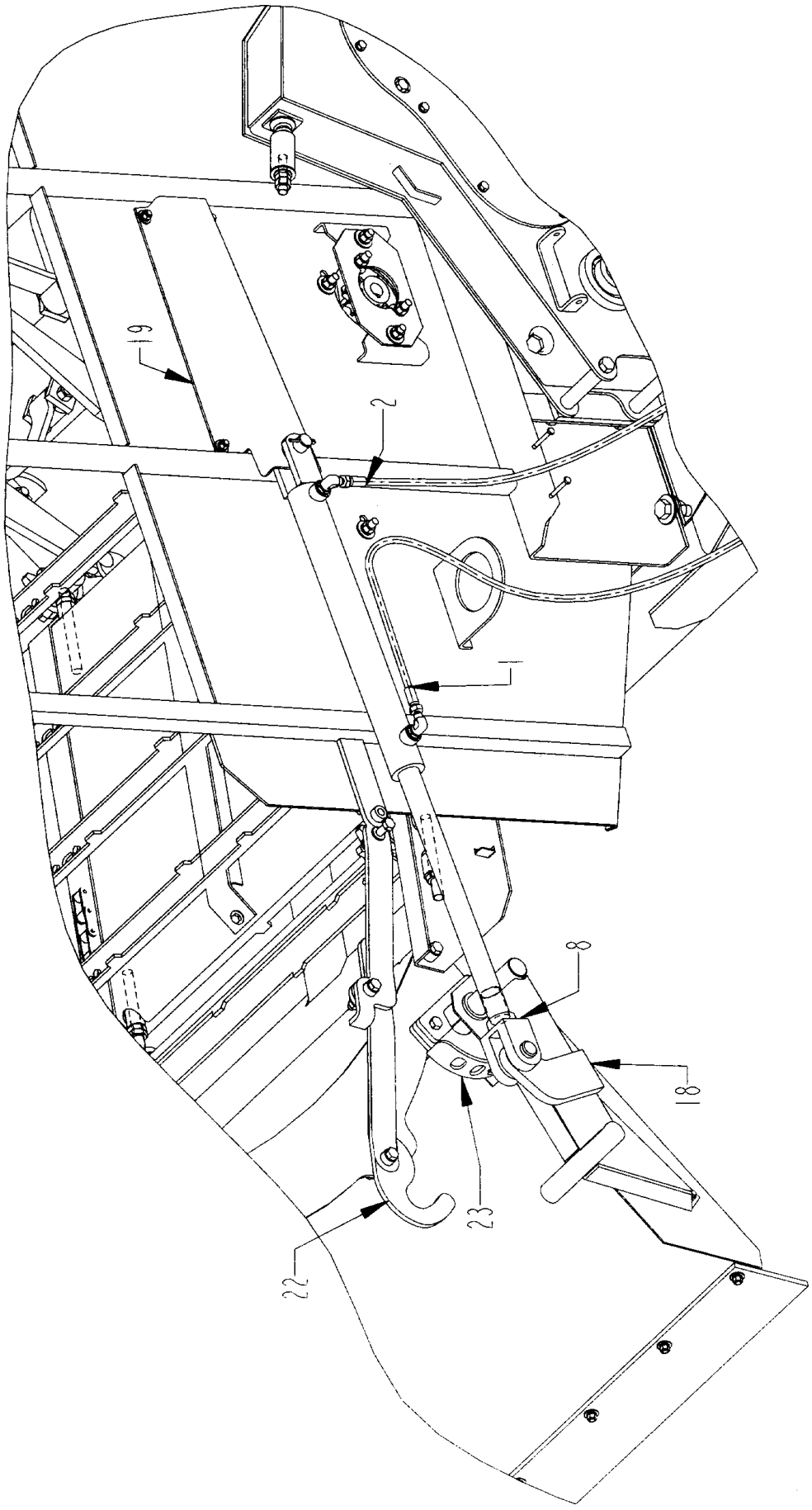
ITEM	PART NO.	QTY.	DESCRIPTION
1	3700609	1	HOSE\HYD\1/4X162\9/16FJCX9/16FJIC
2	3700651	1	HOSE\HYD\1/4X144\9/16FJCX9/16FJIC
3	3800453	2	FTG\3/4MORX9/16MJIC\90
4	3800530	2	FTG\3/4MORX9/16MJIC\ST
5	3800683	1	FTG\3/4MOR\ORFICE\0.0490"
6	3800694	2	FTG\3/4FOR\QUICK;CPLR\MALE
7	3800720	4	FTG\9/16FJICX1/4BARB\SW
8	4100229	1	CYL\HYD\2X18\1-1/4ROD
9	4800003	5	BOLT\HEX\3/8X1
10	4800033	1	BOLT\HEX\3/4X2
11	4800098	2	BOLT\HEX\3/8X1-1/4\NC
12	4800120	2	PIN\COT\3/16X1-3/4
13	4800185	2	PIN\CLEVIS\1X3
14	4900002	7	NUT\HEX\3/8\NC
15	4900158	1	NUT\FLG\SERR\3/4\NC
16	5000001	4	WASH\FLAT\3/8
17	5000019	7	WASH\LOCK\3/8
18	8101055	1	MNT\CYL\DFLCTR
19	8101057	1	MNT\CYL\SHRDR\DFLCTR
20	8101096	1	BRKT\STOP\HYD\LOADER
21	8101097	1	BRKT\LATCH\DFLCTR
22	8101098	1	BRKT\STRAP\RACK\HOOK\2650
23	8101146	1	MNT\DFLCTR\W-INDEX

OPTIONAL HYDRAULIC DEFLECTOR - DETAIL B



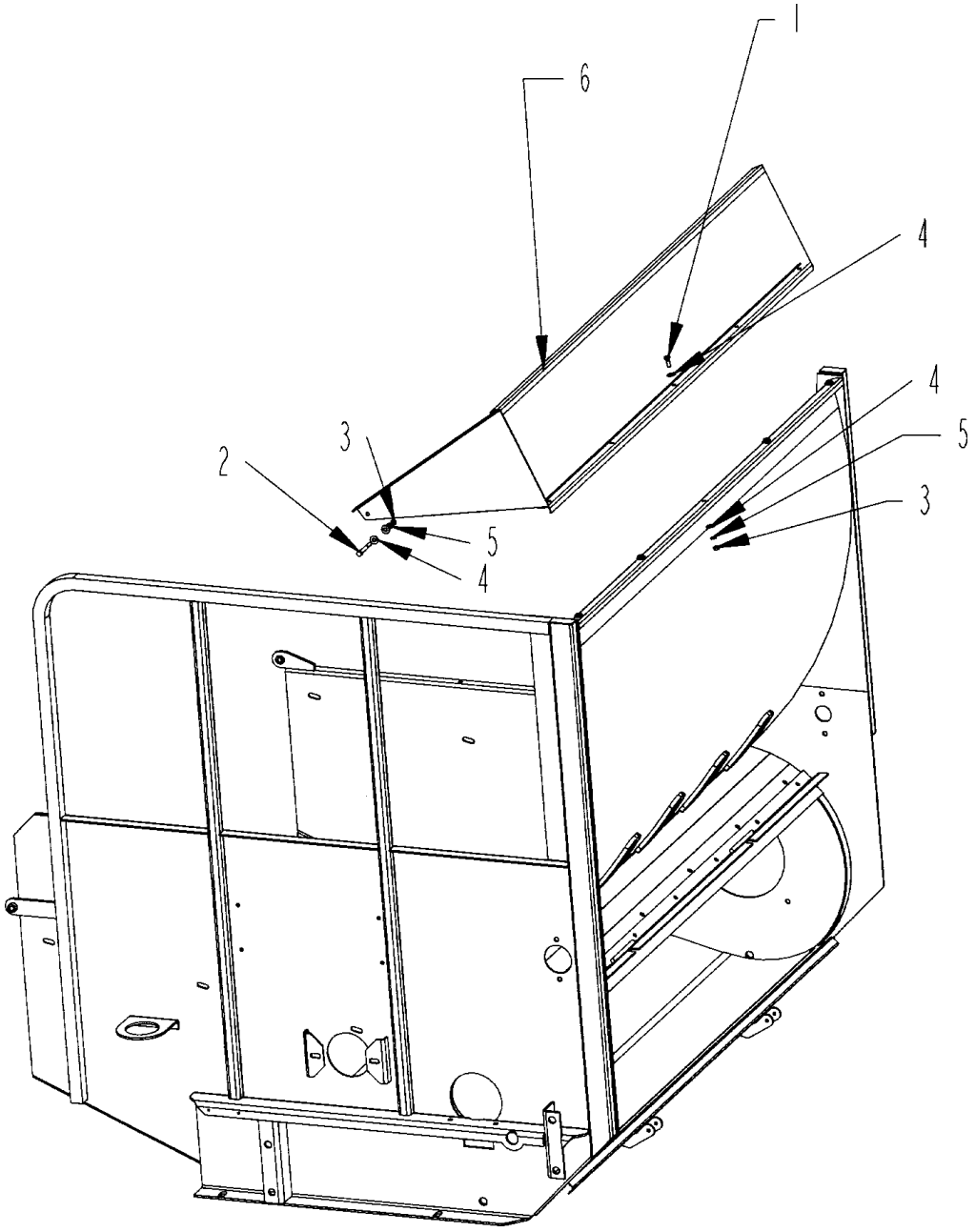
OPTIONAL HYDRAULIC DEFLECTOR - DETAIL B

ITEM	PART NO.	QTY.	DESCRIPTION
1	3700609	1	HOSE\HYD\1/4X162\9/16FJCX9/16FJIC
2	3700651	1	HOSE\HYD\1/4X144\9/16FJCX9/16FJIC
3	3800453	2	FTG\3/4MORX9/16MJIC\90
4	3800530	2	FTG\3/4MORX9/16MJIC\ST
5	3800683	1	FTG\3/4MOR\ORFICE\0.0490"
6	3800694	2	FTG\3/4FOR\QUICK;CPLR\MALE
7	3800720	4	FTG\9/16FJICX1/4BARB\SW
8	4100229	1	CYL\HYD\2X18\1-1/4ROD
9	4800003	5	BOLT\HEX\3/8X1
10	4800033	1	BOLT\HEX\3/4X2
11	4800098	2	BOLT\HEX\3/8X1-1/4\NC
12	4800120	2	PIN\COT\3/16X1-3/4
13	4800185	2	PIN\CLEVIS\1X3
14	4900002	7	NUT\HEX\3/8\NC
15	4900158	1	NUT\FLG\SERR\3/4\NC
16	5000001	4	WASH\FLAT\3/8
17	5000019	7	WASH\LOCK\3/8
18	8101055	1	MNT\CYL\DFLCTR
19	8101057	1	MNT\CYL\SHRDR\DFLCTR
20	8101096	1	BRKT\STOP\HYD\LOADER
21	8101097	1	BRKT\LATCH\DFLCTR
22	8101098	1	BRKT\STRAP\RACK\HOOK\2650
23	8101146	1	MNT\DFLCTR\W-INDEX


19
2
1
8
18
23
22
DETAIL C

OPTIONAL HYDRAULIC DEFLECTOR - DETAIL C

ITEM	PART NO.	QTY.	DESCRIPTION
1	3700609	1	HOSE\HYD\1/4X162\9/16FJCX9/16FJIC
2	3700651	1	HOSE\HYD\1/4X144\9/16FJCX9/16FJIC
3	3800453	2	FTG\3/4MORX9/16MJIC\90
4	3800530	2	FTG\3/4MORX9/16MJIC\ST
5	3800683	1	FTG\3/4MOR\ORFICE\0.0490"
6	3800694	2	FTG\3/4FOR\QUICK;CPLR\MALE
7	3800720	4	FTG\9/16FJICX1/4BARB\SW
8	4100229	1	CYL\HYD\2X18\1-1/4ROD
9	4800003	5	BOLT\HEX\3/8X1
10	4800033	1	BOLT\HEX\3/4X2
11	4800098	2	BOLT\HEX\3/8X1-1/4\NC
12	4800120	2	PIN\COT\3/16X1-3/4
13	4800185	2	PIN\CLEVIS\1X3
14	4900002	7	NUT\HEX\3/8\NC
15	4900158	1	NUT\FLG\SERR\3/4\NC
16	5000001	4	WASH\FLAT\3/8
17	5000019	7	WASH\LOCK\3/8
18	8101055	1	MNT\CYL\DFLCTR
19	8101057	1	MNT\CYL\SHRDR\DFLCTR
20	8101096	1	BRKT\STOP\HYD\LOADER
21	8101097	1	BRKT\LATCH\DFLCTR
22	8101098	1	BRKT\STRAP\RACK\HOOK\2650
23	8101146	1	MNT\DFLCTR\W-INDEX


1
6
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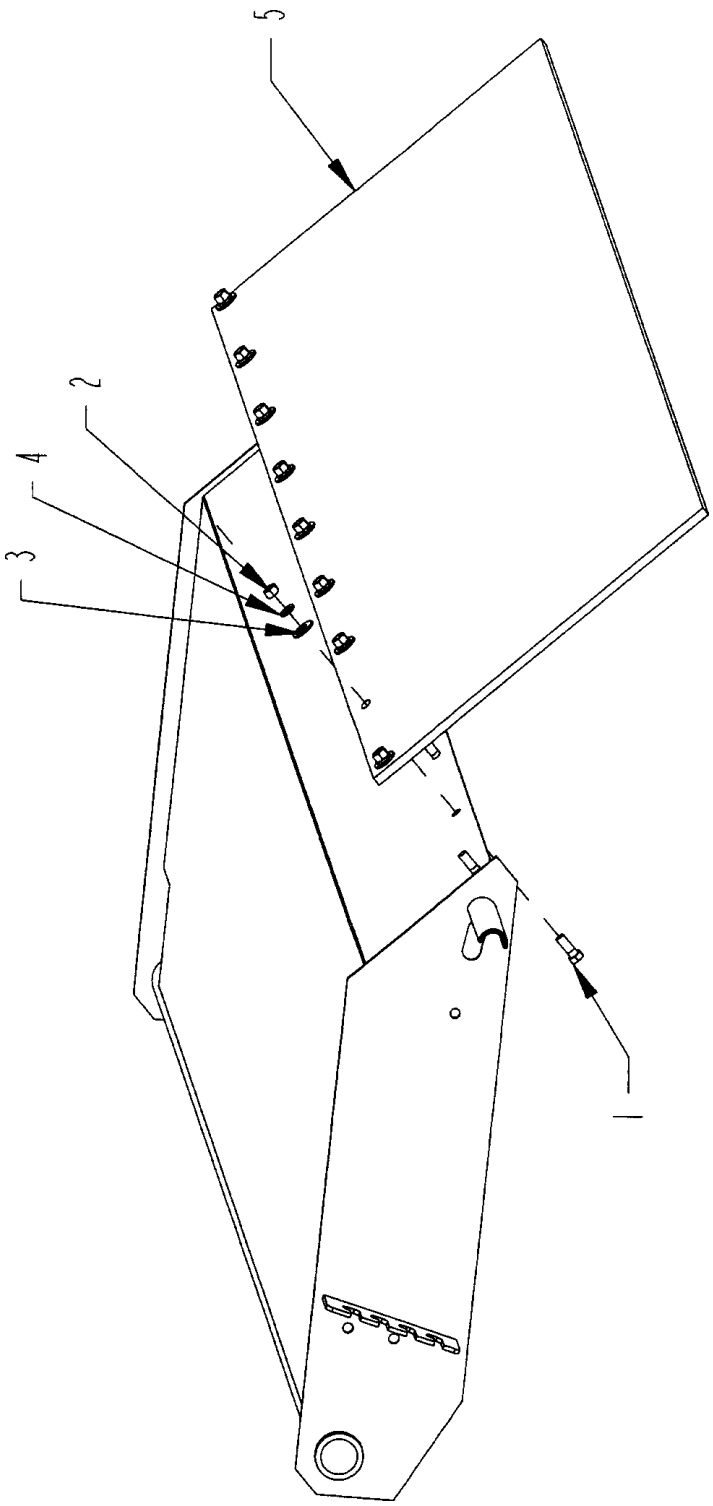
OPTIONAL SHREDDER EXTENSION

ITEM	PART NO.	QTY.	DESCRIPTION
1	4800003	5	BOLT\HEX\3/8X1
2	4800156	1	BOLT\HEX\3/8X3
3	4900002	6	NUT\HEX\3/8\NC
4	5000001	12	WASH\FLAT\3/8
5	5000019	6	WASH\LOCK\3/8
6	8101177	1	EXT\SHRDR\77-1/2


5
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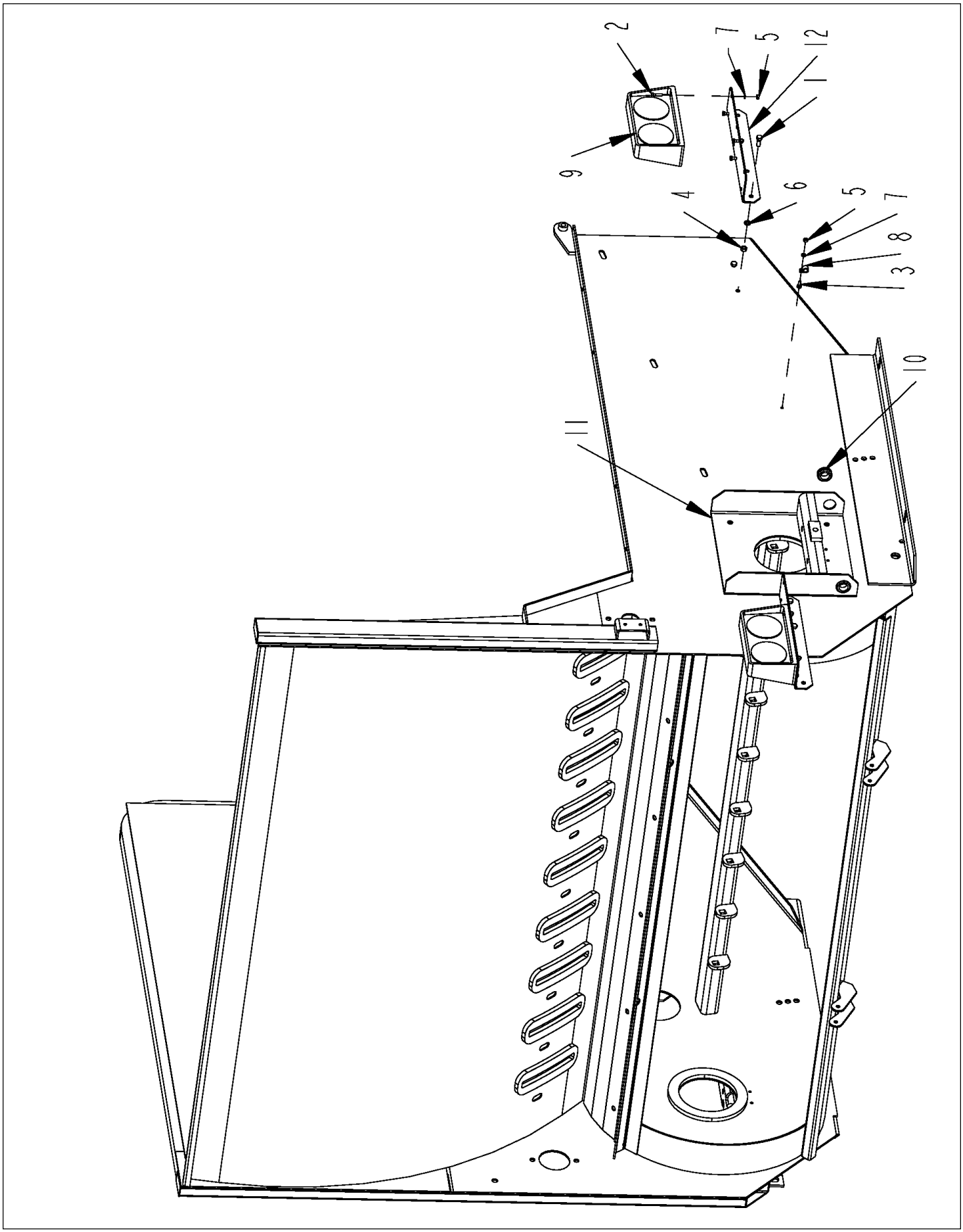
OPTIONAL WIDE DEFLECTOR BELT

ITEM	PART NO.	QTY.	DESCRIPTION
1	4800003	9	BOLT\HEX\3/8X1
2	4900002	9	NUT\HEX\3/8\NC
3	5000001	9	WASH\FLAT\3/8
4	5000019	9	WASH\LOCK\3/8
5	8100819	1	BELT\DFLCTR\18 x 73-3/4

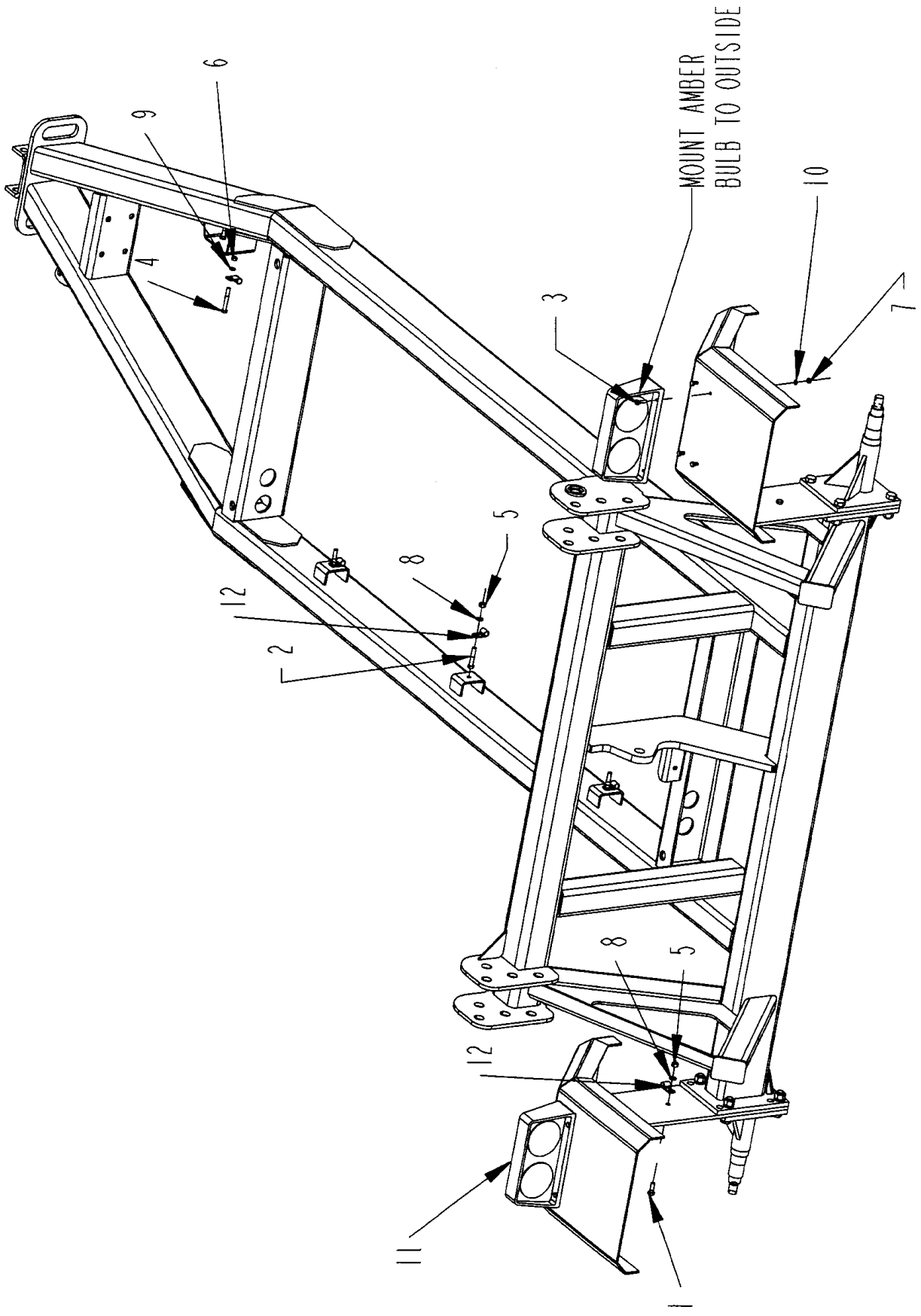
STANDARD TAILLIGHT MOUNTING



STANDARD TAILLIGHT MOUNTING

ITEM	PART NO.	QTY.	DESCRIPTION
1	4800003	4	BOLT\HEX\3/8X1
2	4800277	8	BOLT\HEX\1/4X1
3	4800503	1	BOLT\HEX\1/4X5/8\NC
4	4900002	4	NUT\HEX\3/8\NC
5	4900009	9	NUT\HEX\1/4\NC
6	5000019	4	WASH\LOCK\3/8
7	5000024	9	WASH\LOCK\1/4
8	5700058	1	WIRE CLIP
9	5700423	2	KIT\LIGHT
10	7500743	2	GRMT\RBBR\1-3/8X1IDX1/4T
11	8100778	1	BRKT\BRG\REAR\RTR
12	8101372	2	BRKT\TAILIGHT\2650
	NOT SHOWN		
	7501353		SIGN\SM\V\PLSTC-BCKNG W/SPADE AND BRKT

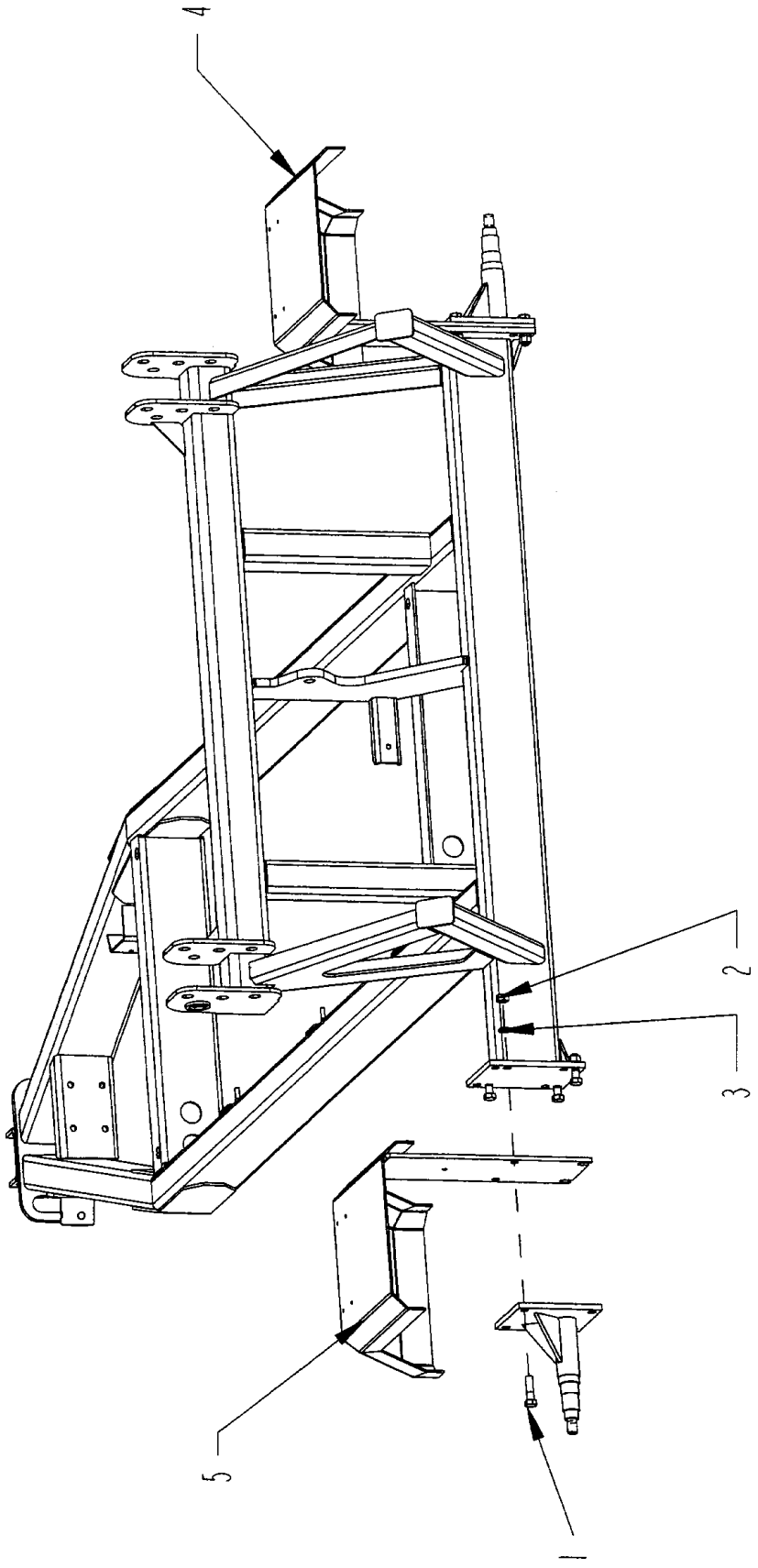
OPTIONAL TAILLIGHT - FENDER MOUNTING



OPTIONAL TAILLIGHT - FENDER MOUNTING

ITEM	PART NO.	QTY.	DESCRIPTION
1	4800003	2	BOLT\HEX\3/8X1
2	4800146	3	BOLT\HEX\3/8X2
3	4800277	8	BOLT\HEX\1/4X1
4	4800570	2	BOLT\HEX\5/16X2-1/2
5	4900002	5	NUT\HEX\3/8\NC
6	4900003	2	NUT\HEX\5/16\NC
7	4900009	8	NUT\HEX\1/4\NC
8	5000019	5	WASH\LOCK\3/8
9	5000022	2	WASH\LOCK\5/16
10	5000024	8	WASH\LOCK\1/4
11	5700423	2	KIT\LIGHT
12	7500713	6	CLAMP\CUSH\HD\1/2
	NOT SHOWN		
	7500835	25	LOOM\POLY\SPLIT\1/2
	7500700	15	LOOM\POLY\SPLIT\3/8

NOTE: Mount taillight as far forward as possilbe to avoid contact with loader frame.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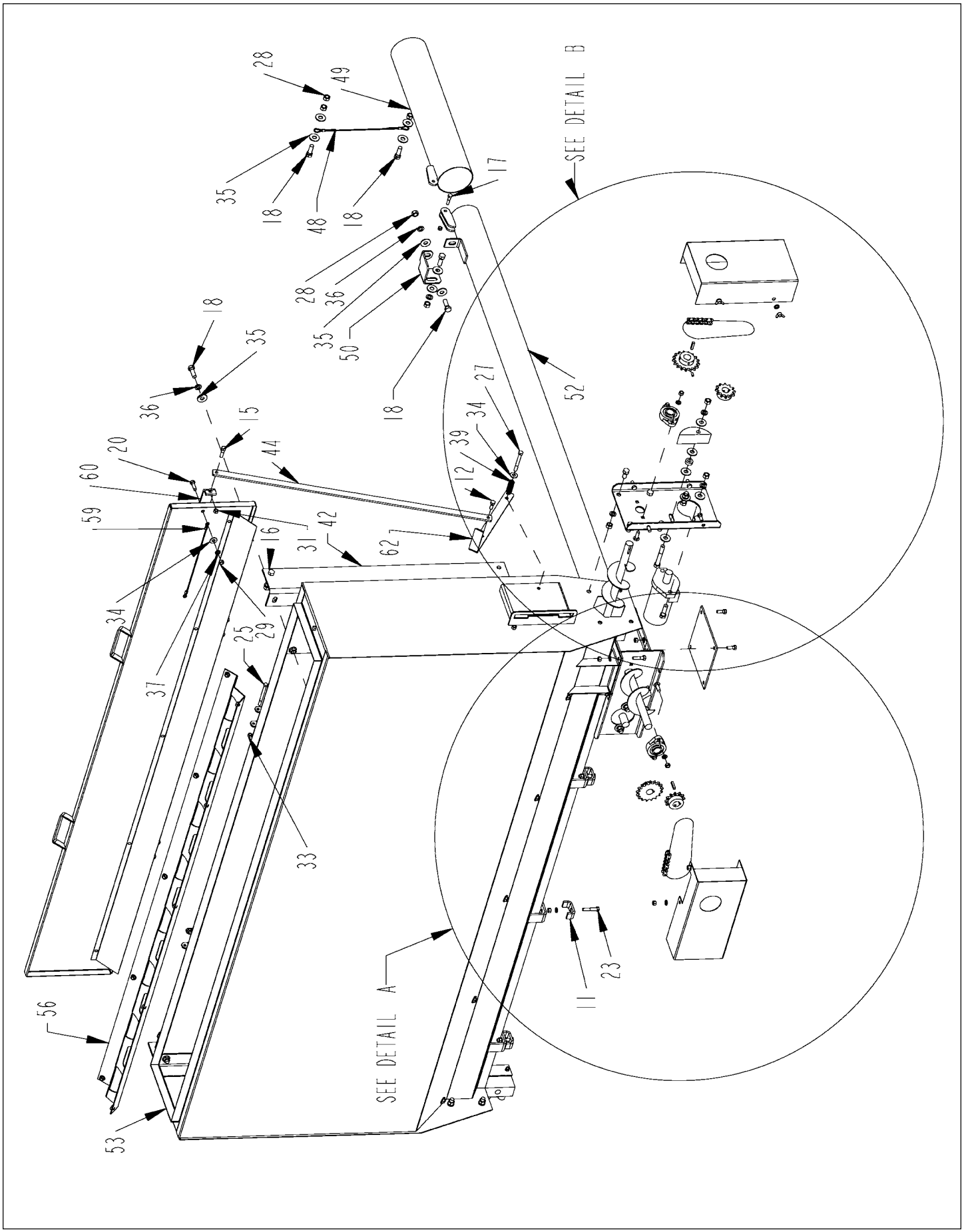
OPTIONAL FENDER

ITEM	PART NO.	QTY.	DESCRIPTION
1	4800350	8	BOLT\HEX\5/8X2-1/4
2	4900005	8	NUT\HEX\5/8\NC
3	5000003	8	WASH\LOCK\5/8
4	8100827	1	FNDR\2620\RT
5	8100828	1	FNDR\2620\LT

Note- Optional Fenders can not be used with Optional Floatation Tires (p.107).


SEE DETAIL B
SEE DETAIL A
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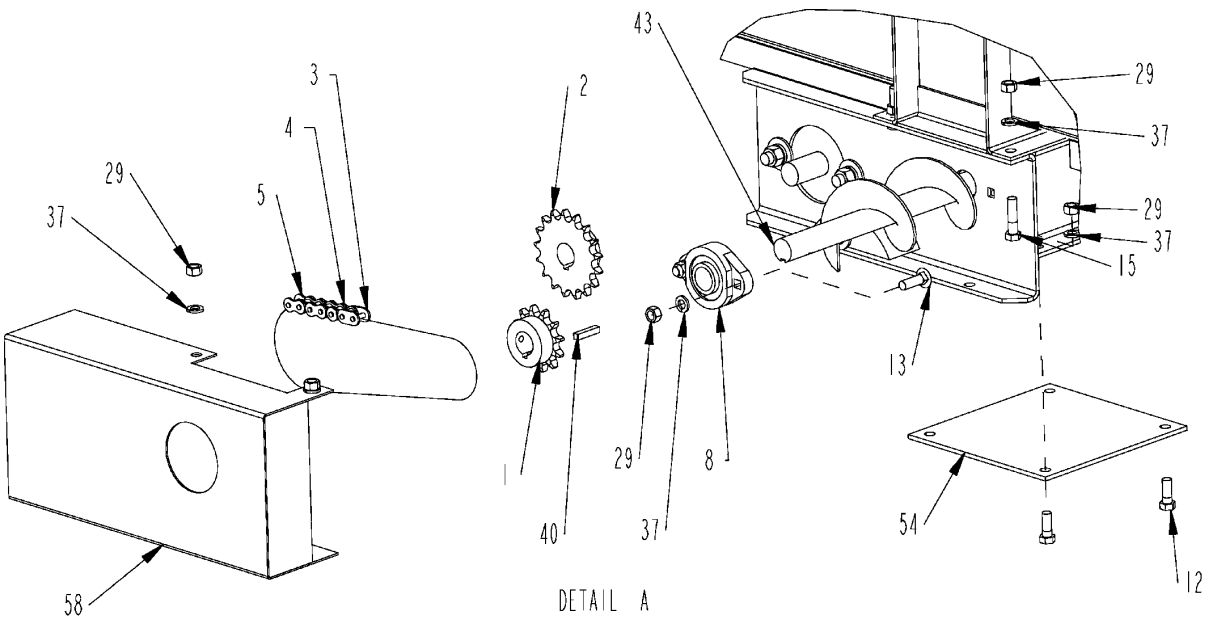
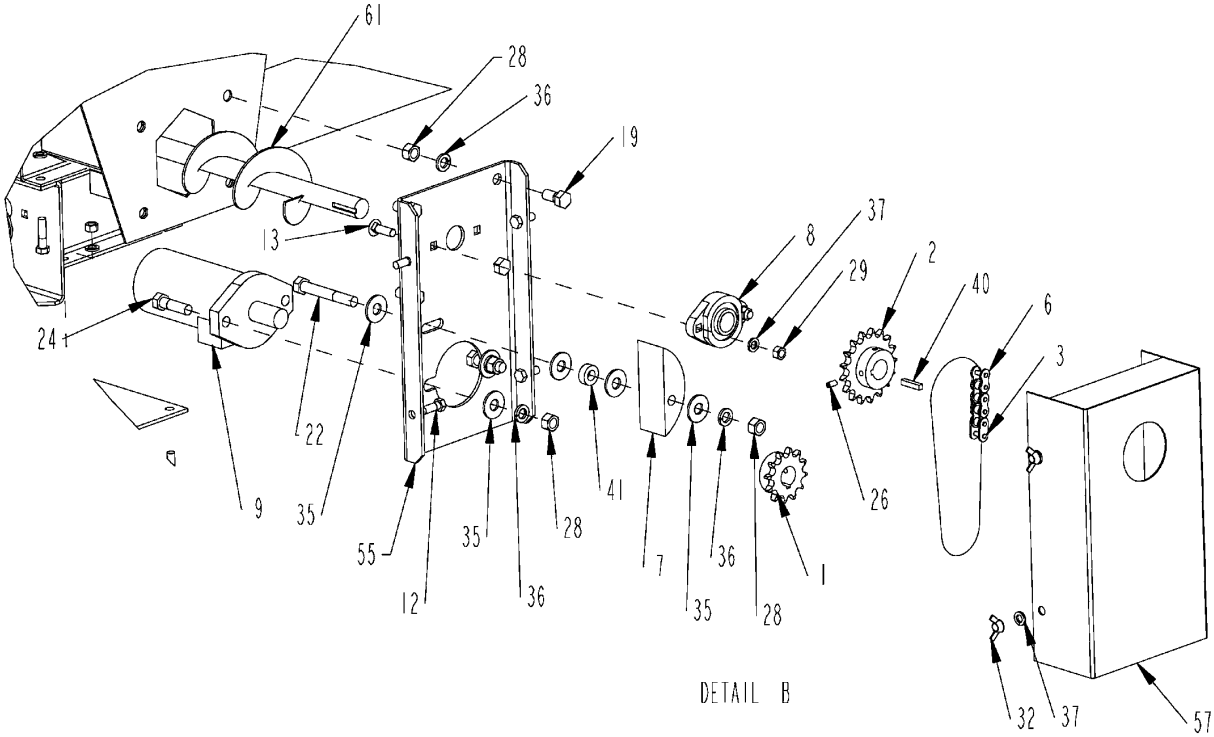
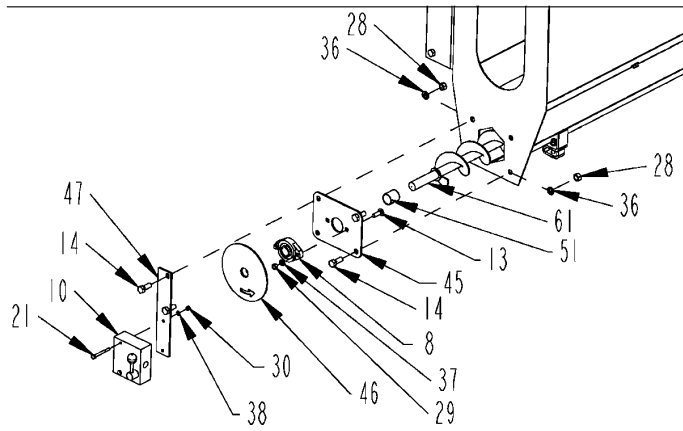
ITEM	PART NO.	QTY.	DESCRIPTION
1	1000055	2	SPKT\50\B\12\1\1/4KW
2	1000060	2	SPRKT\50\B\17\1\1/4KW\SOFT
3	1100059	2	CHAIN\50\CL
4	1100060	1	CHAIN\50\OL
5	1100276	1	CHAIN\50\41
6	1100277	1	CHAIN\50\37
7	2000016	2	BLK\WOOD\IDLER
8	2000310	3	BRG\FLG\CAST\1\2BOLT
9	3900033	2	MTR\HYD\101-1038\14.1CI\7/8FOR
10	4000213	1	VALVE\CONTROL\FLOW\3/4FOR
11	4700777	3	CLMP\HOSE\1/2
12	4800003	21	BOLT\HEX\3/8X1
13	4800012	6	BOLT\CRG\3/8X1-1/4\NC
14	4800018	4	BOLT\HEX\1/2X1-1/4
15	4800034	3	BOLT\HEX\3/8X1-1/2
16	4800068	4	BOLT\HEX\1/2X3
17	4800081	1	BOLT\HEX\5/16X1-1/2
18	4800082	8	BOLT\HEX\1/2X1-1/2
19	4800085	4	BOLT\HEX\1/2X1
20	4800098	2	BOLT\HEX\3/8X1-1/4\NC
21	4800101	2	BOLT\HEX\1/4X2-1/2
22	4800135	2	BOLT\HEX\1/2X3-1/2
23	4800146	3	BOLT\HEX\3/8X2
24	4800178	4	BOLT\HEX\1/2X1-3/4
25	4800198	2	BOLT\HEX\5/16X3-3/4
26	4800290	8	SCR\SET\ALN\1/4X1/2\NC
27	4800515	1	BOLT\HEX\3/8X3-1/4\NC
28	4900001	24	NUT\HEX\1/2\NC
29	4900002	21	NUT\HEX\3/8\NC
30	4900009	2	NUT\HEX\1/4\NC
31	4900023	3	NUT\TPLCK\3/8\NC
32	4900032	4	NUT\WING\3/8\NC
33	4900099	3	NUT\TPLCK\5/16\GR8\NC
34	5000001	13	WASH\FLAT\3/8
35	5000004	24	WASH\FLAT\1/2
36	5000006	24	WASH\LOCK\1/2
37	5000019	25	WASH\LOCK\3/8
38	5000024	2	WASH\LOCK\1/4
39	6100028	1	2-1/4 COMP SPR.125 X .725
40	6200014	2	KEY\SQ\1/4X1-1/4
41	8100804	2	MNT\BSH\MTR\HYD
42	8100834	2	MNT\HPPR\GRAIN
43	8100842	1	AUG\REAR\ASSY
44	8100868	1	RD\CONNECTING\LID\HPPR
45	8100898	1	PLT\MNT\BRNG\AUG
46	8100899	1	BRKT\INDICATOR\AUG
47	8100906	1	PLT\MNT\VALVE\FLOW
48	8101032	1	CABLE\ASSY\GT21
49	8101166	1	TUBE\EXT\AUG\HPPR\GRAIN
50	8101170	1	BRKT\SUPPORT\AUGER\GRAIN TANK
51	8101194	1	HPPR\GRAIN\SPCR
52	8101517	1	ASSY\TRANS\AUGER
53	8101518	1	TANK\GRAIN\2650
54	8101520	1	PLT\AUG\CLEAN-OUT
55	8101521	1	PLT\AUG\HPPR
56	8101522	1	BFFL\GRNHPPR
57	8101523	1	SHLD\REAR\HPPR\GRAIN
58	8101524	1	SHLD\REAR\HPPR\GRAIN
59	8101525	1	CABLE\ASSY\DOOR\14"CTR
60	8101704	1	HPPR\COVER\90-3/8"
61	8101719	1	ASSY\SHFT\AUG\HPPR
62	8101722	1	BRKT\HANDLE\LID\HPPR
	8101519		**TANK\GRAIN\ASSY\COMPL\2650**
	DECALS		
	6500020		DECAL\LOGO\HYBSTR\SNBRS\3
	6500302		DECAL\LOGO\STRIP\RD&BLK



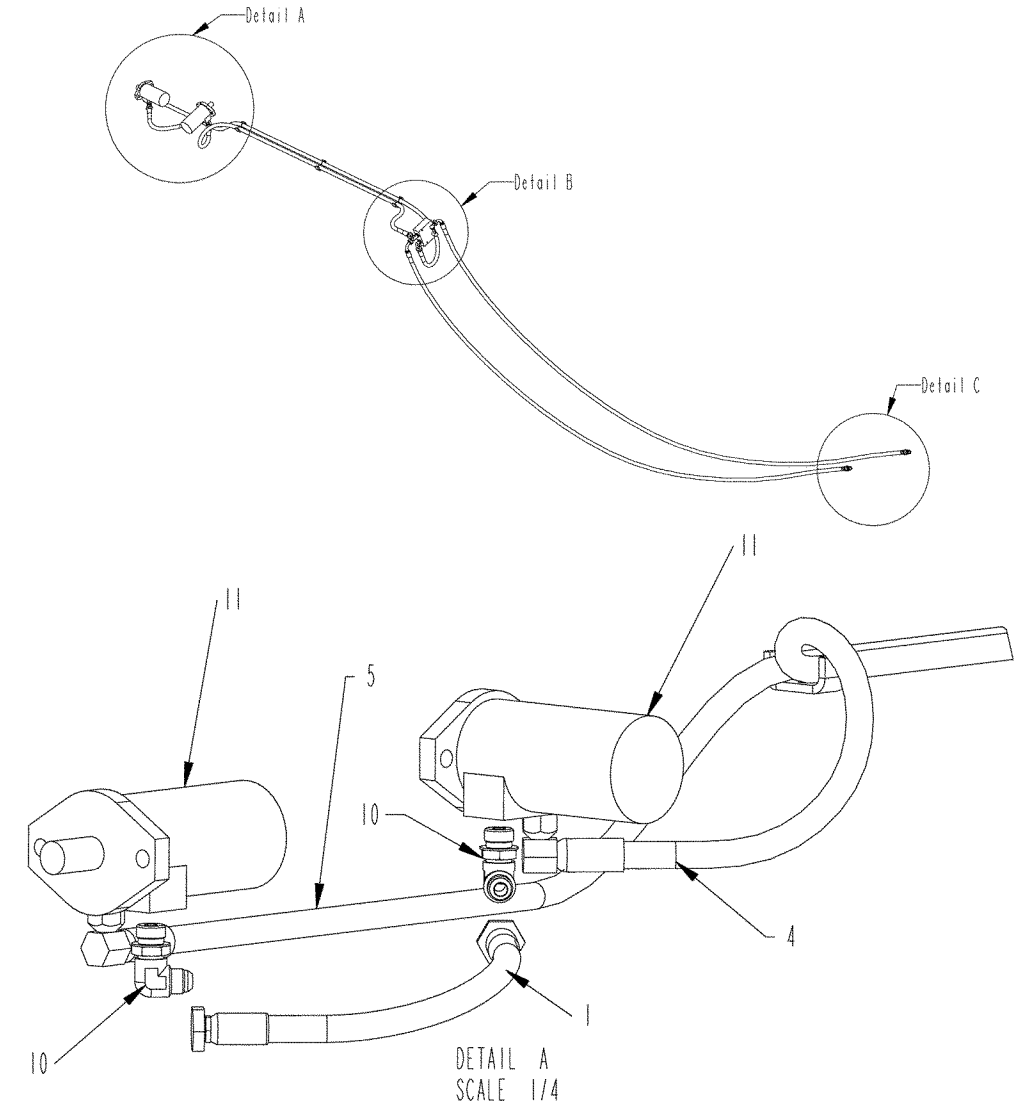
DETAIL A



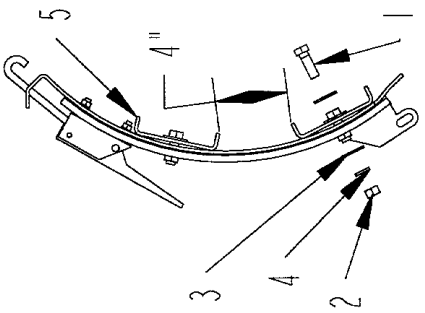
DETAIL B



ITEM	PART NO.	QTY.	DESCRIPTION
1	1000055	2	SPKT\50\B\12\1\1/4KW
2	1000060	2	SPRKT\50\B\17\1\1/4KW\SOFT
3	1100059	2	CHAIN\50\CL
4	1100060	1	CHAIN\50\OL
5	1100276	1	CHAIN\50\41
6	1100277	1	CHAIN\50\37
7	2000016	2	BLK\WOOD\IDLER
8	2000310	3	BRG\FLG\CAST\1\2BOLT
9	3900033	2	MTR\HYD\101-1038\14.1CI\7/8FOR
10	4000213	1	VALVE\CONTROL\FLOW\3/4FOR
11	4700777	3	CLMP\HOSE\1/2
12	4800003	21	BOLT\HEX\3/8X1
13	4800012	6	BOLT\CRG\3/8X1-1/4\NC
14	4800018	4	BOLT\HEX\1/2X1-1/4
15	4800034	3	BOLT\HEX\3/8X1-1/2
16	4800068	4	BOLT\HEX\1/2X3
17	4800081	1	BOLT\HEX\5/16X1-1/2
18	4800082	8	BOLT\HEX\1/2X1-1/2
19	4800085	4	BOLT\HEX\1/2X1
20	4800098	2	BOLT\HEX\3/8X1-1/4\NC
21	4800101	2	BOLT\HEX\1/4X2-1/2
22	4800135	2	BOLT\HEX\1/2X3-1/2
23	4800146	3	BOLT\HEX\3/8X2
24	4800178	4	BOLT\HEX\1/2X1-3/4
25	4800198	2	BOLT\HEX\5/16X3-3/4
26	4800290	8	SCR\SET\ALN\1/4X1/2\NC
27	4800515	1	BOLT\HEX\3/8X3-1/4\NC
28	4900001	24	NUT\HEX\1/2\NC
29	4900002	21	NUT\HEX\3/8\NC
30	4900009	2	NUT\HEX\1/4\NC
31	4900023	3	NUT\TPLCK\3/8\NC
32	4900032	4	NUT\WING\3/8\NC
33	4900099	3	NUT\TPLCK\5/16\GR8\NC
34	5000001	13	WASH\FLAT\3/8
35	5000004	24	WASH\FLAT\1/2
36	5000006	24	WASH\LOCK\1/2
37	5000019	25	WASH\LOCK\3/8
38	5000024	2	WASH\LOCK\1/4
39	6100028	1	2-1/4 COMP SPR.125 X .725
40	6200014	2	KEY\SQ\1/4X1-1/4
41	8100804	2	MNT\BSH\MTR\HYD
42	8100834	2	MNT\HPPR\GRAIN
43	8100842	1	AUG\REAR\ASSY
44	8100868	1	RD\CONNECTING\LID\HPPR
45	8100898	1	PLT\MNT\BRNG\AUG
46	8100899	1	BRKT\INDICATOR\AUG
47	8100906	1	PLT\MNT\VALVE\FLOW
48	8101032	1	CABLE\ASSY\GT21
49	8101166	1	TUBE\EXT\AUG\HPPR\GRAIN
50	8101170	1	BRKT\SUPPORT\AUGER\GRAIN TANK
51	8101194	1	HPPR\GRAIN\SPCR
52	8101517	1	ASSY\TRANS\AUGER
53	8101518	1	TANK\GRAIN\2650
54	8101520	1	PLT\AUG\CLEAN-OUT
55	8101521	1	PLT\AUG\HPPR
56	8101522	1	BFFL\GRNHPPR
57	8101523	1	SHLD\REAR\HPPR\GRAIN
58	8101524	1	SHLD\REAR\HPPR\GRAIN
59	8101525	1	CABLE\ASSY\DOOR\14"CTR
60	8101704	1	HPPR\COVER\90-3/8"
61	8101719	1	ASSY\SHFT\AUG\HPPR
62	8101722	1	BRKT\HANDLE\LID\HPPR
	8101519		**TANK\GRAIN\ASSY\COMPL\2650**
	DECALS		
	6500020		DECAL\LOGO\HYBSTR\SNBRS\3
	6500302		DECAL\LOGO\STRIP\RD&BLK


Detail A
Detail B
Detail C
11
11
5
10
4
10
1
DETAIL A
SCALE 1/4
3
9
2
9
DETAIL C
SCALE 3/16
13
12
6
4
3
7
2
8
5
DETAIL B
SCALE 1/4

ITEM	PART NO.	QTY.	DESCRIPTION
1	3700823	1	HOSE\HYD\1/2X17\3/4FJICX3/4FJIC
2	3700824	1	HOSE\HYD\1/2X140\3/4MORX3/4FJIC90
3	3700825	1	HOSE\HYD\1/2X148\3/4MORX3/4FJIC90
4	3700826	1	HOSE\HYD\1/2X82\7/8MOR90X3/4FJIC
5	3700827	1	HOSE\HYD\1/2X100\7/8MOR90X3/4FJIC
6	3800477	1	FTG\3/4MORX3/4MJIC\ST
7	3800483	1	FTG\3/4MORX3/4MJICX3/4MJIC\RUN;TEE
8	3800537	1	FTG\3/4MORX3/4MJIC\90
9	3800694	2	FTG\3/4FOR\QUICK;CPLR\MALE
10	3800696	2	FTG\7/8MORX3/4MJIC\90
11	3900033	2	MTR\HYD\101-1038\14.1CI\7/8FOR
12	4000213	1	VALVE\CONTROL\FLOW\3/4FOR
13	4700777	3	CLMP\HOSE\1/2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4"
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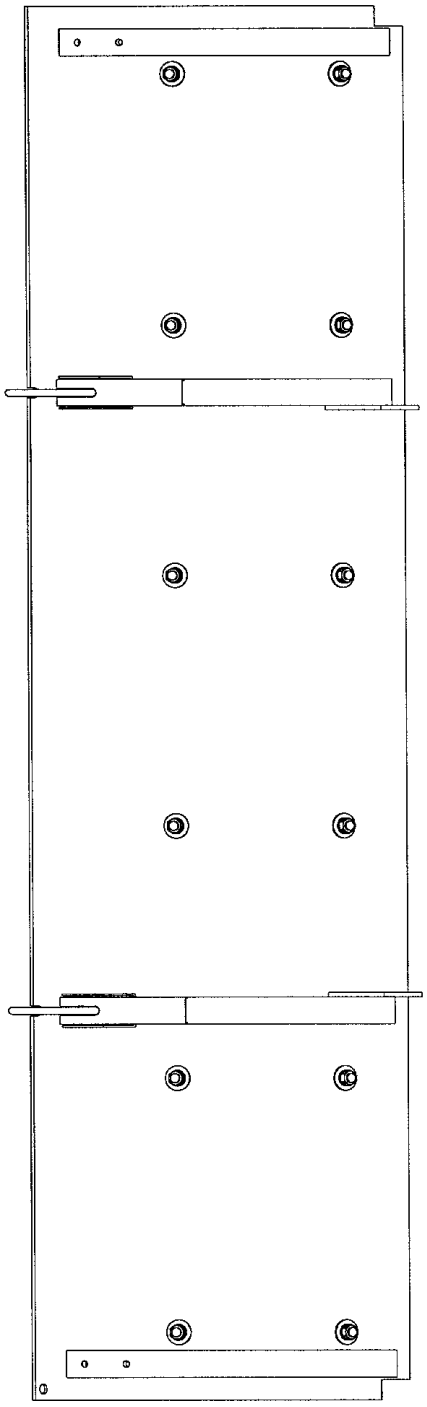
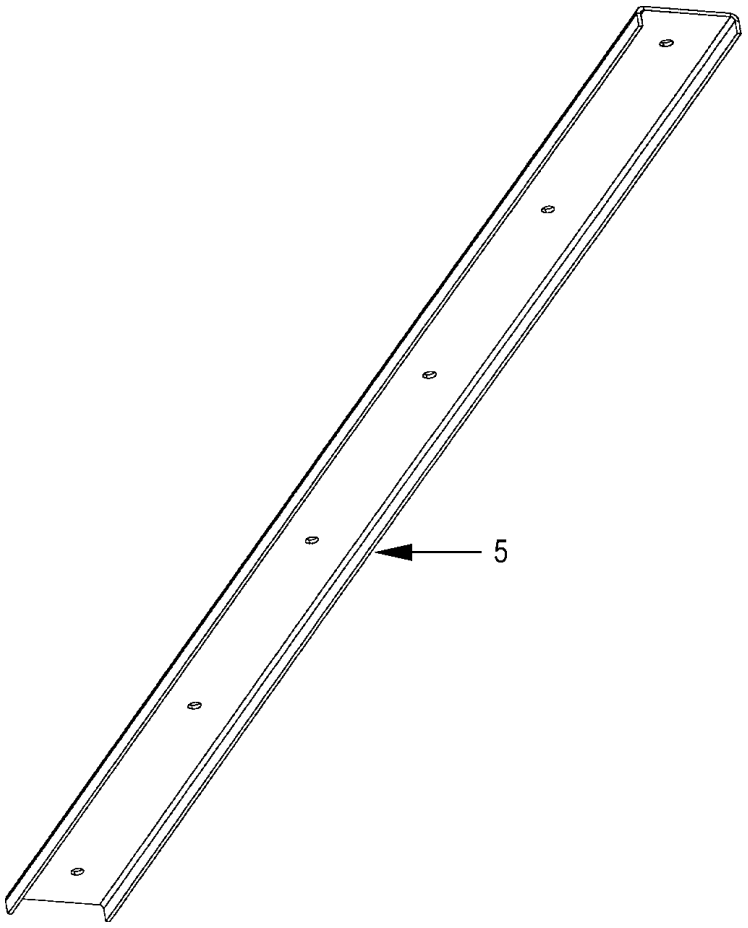
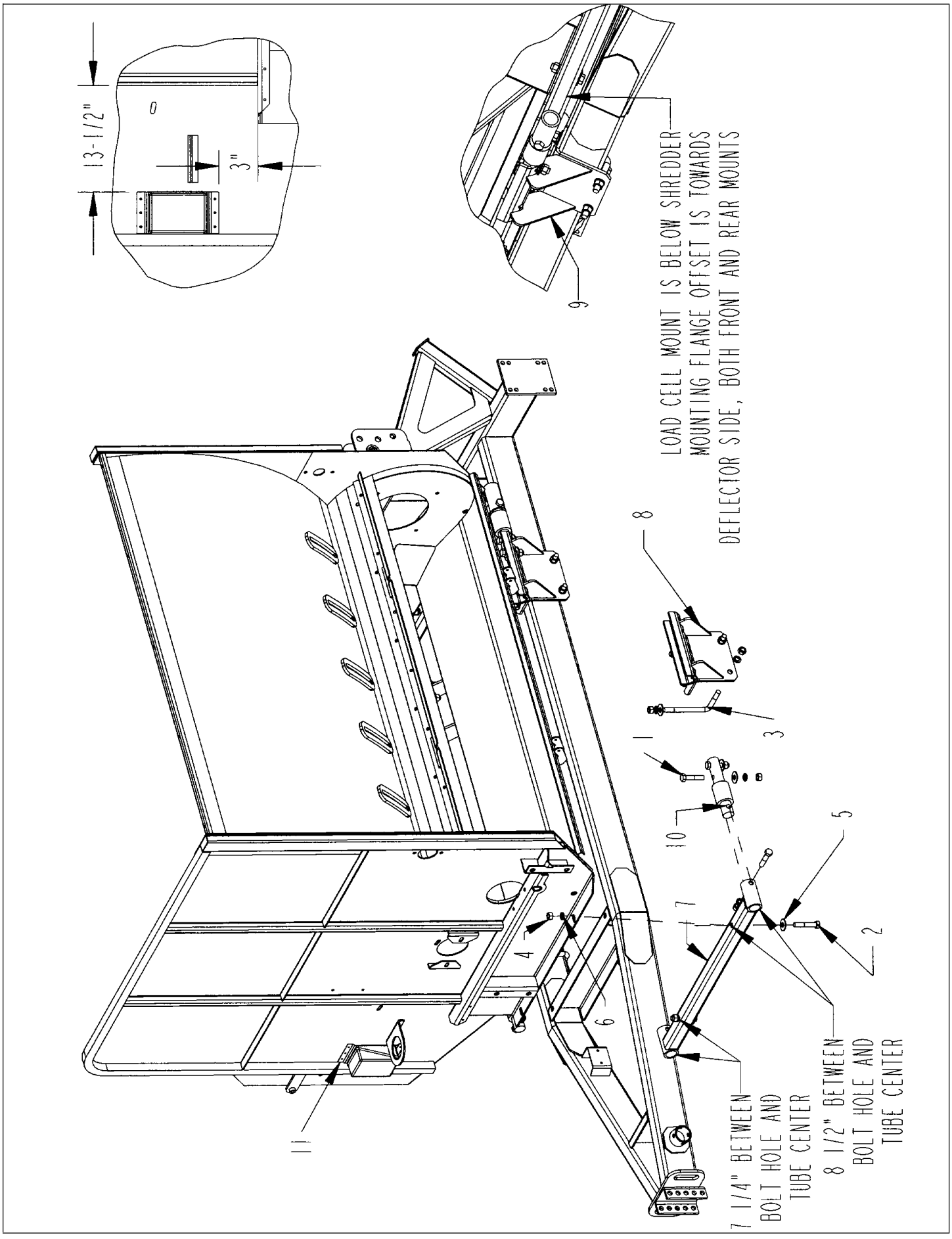
2



STANDARD STRIPPER BAR INSTALLATION

ITEM	PART NO.	QTY.	DESCRIPTION
	8100973		CHNNL\STRPPR\KIT
1	4800018	6	BOLT\HEX\1/2X1-1/4
2	4900001	6	NUT\HEX\1/2\NC
3	5000004	12	WASH\FLAT\1/2
4	5000006	6	WASH\LOCK\1/2
5	8100793	1	CHNNL\STRIPPER\SHREADER\75
5A	8101511	2	CHNNL\STRIPPER\SHREADER\69

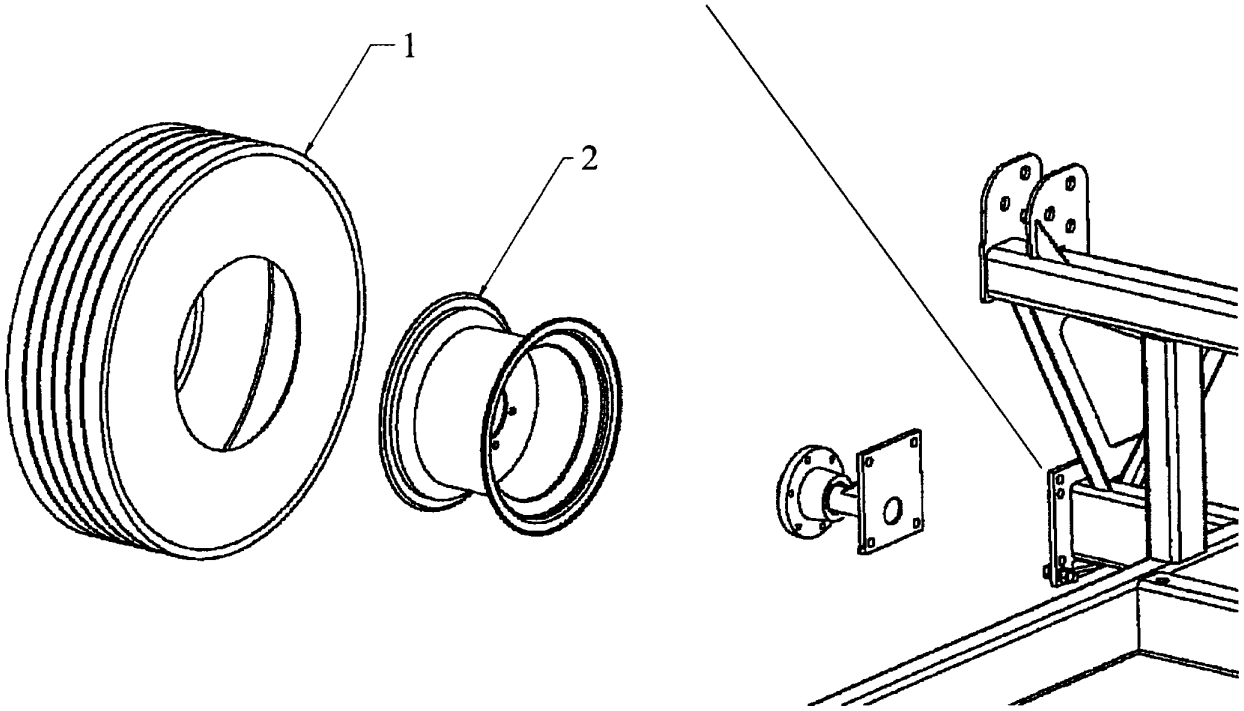



13-1/2"
3"
9
LOAD CELL MOUNT IS BELOW SHREDDER
MOUNTING FLANGE OFFSET IS TOWARDS
DEFLECTOR SIDE, BOTH FRONT AND REAR MOUNTS
8
1
3
10
5
7
2
4
6
11
7 1/4" BETWEEN
BOLT HOLE AND
TUBE CENTER
8 1/2" BETWEEN
BOLT HOLE AND
TUBE CENTER

WEIGH SCALE (OPTION) (LOAD CELL)

ITEM	PART NO.	QTY.	DESCRIPTION
1	4800011	12	BOLT\HEX\3/4X3-1/2
2	4800063	4	BOLT\HEX\3/4X4
3	4800200	8	BOLT\L\3/4X5-1/4X8-1/4
4	4900004	32	NUT\HEX\3/4\NC
5	5000005	20	WASH\FLAT\3/4
6	5000012	32	WASH\LOCK\3/4
7	8100883	2	MNT\LOADCELL\SHREADER
8	8101034	2	MNT\RIGHT\LOADCELL
9	8101035	2	MNT\LEFT\LOADCELL
10	7500939	4	LOAD\CELL\SCALE
11	7500978	1	J-BOX\ASSY\15"\SCALE
	7500979		CABLE\KIT\J-BOX_EXT\SCALE
	7500841	1	SCALE\LOAD;CELL PACKAGE
	7500999	1	INDICATOR\EZ2000

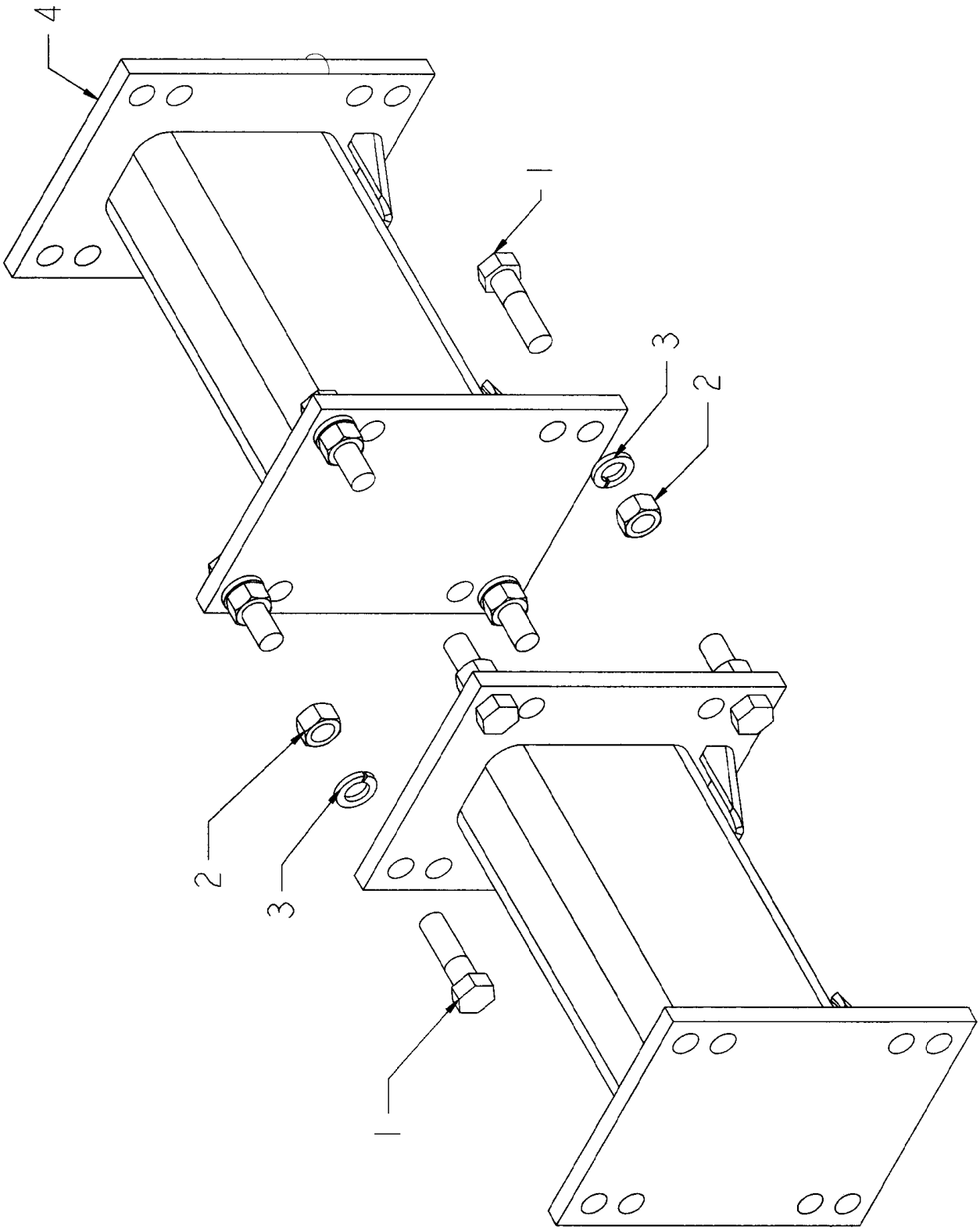
Note - Move hub and spindle to upper set of holes in the main frame when using the Floatation Tires.



FLOATATION TIRE (OPTION)

ITEM	PART NO.	QTY.	DESCRIPTION
	2600849	1	WHL\IMP-2\ASSY\14LX16.1 Includes 2 each of items 1 and 2
1	2600847	2	WHL\6-BOLT\16X10
2	2600846	2	TIRE\14LX16.1\8PLY
1&2	2600848	2	WHL\IMP-1\ASSY\14LX16.1 Includes 1 each of items 1 and 2

Note- Optional Fenders (p.95) can not be used with Optional Floatation Tires.


4
1
3
2
2
3
1

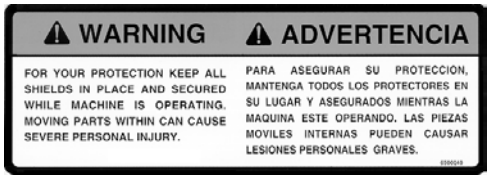
AXLE EXTENSIONS (OPTION)

ITEM	PART NO.	QTY.	DESCRIPTION
1	4800350	8	BOLT\HEX\5/8X2-1/4
2	4900005	8	NUT\HEX\5/8\NC
3	5000003	8	WASH\LOCK\5/8
4	8101267	2	AXLE\EXTENSION\12"
5	8101276	1	EXTENSION\AXLE\KIT

1.

2.

3.



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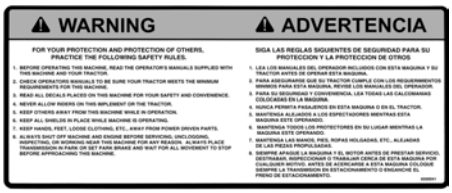
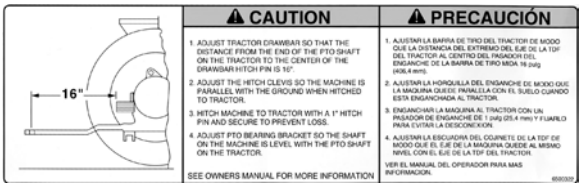


5.

6.

7.

8.



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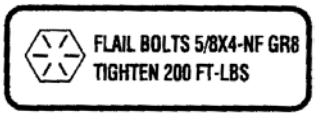

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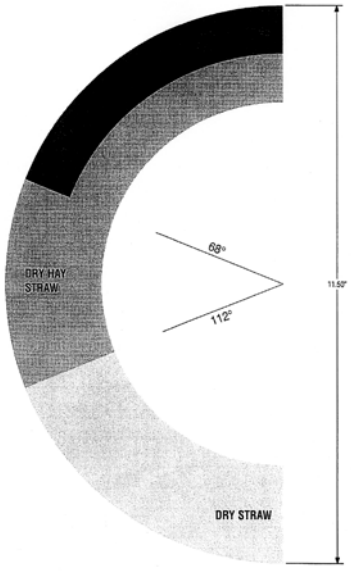
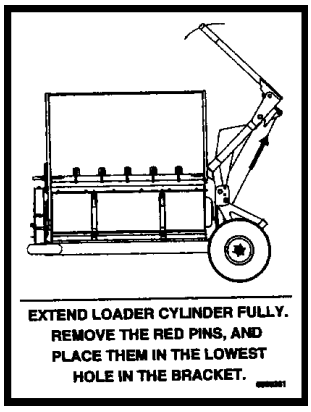




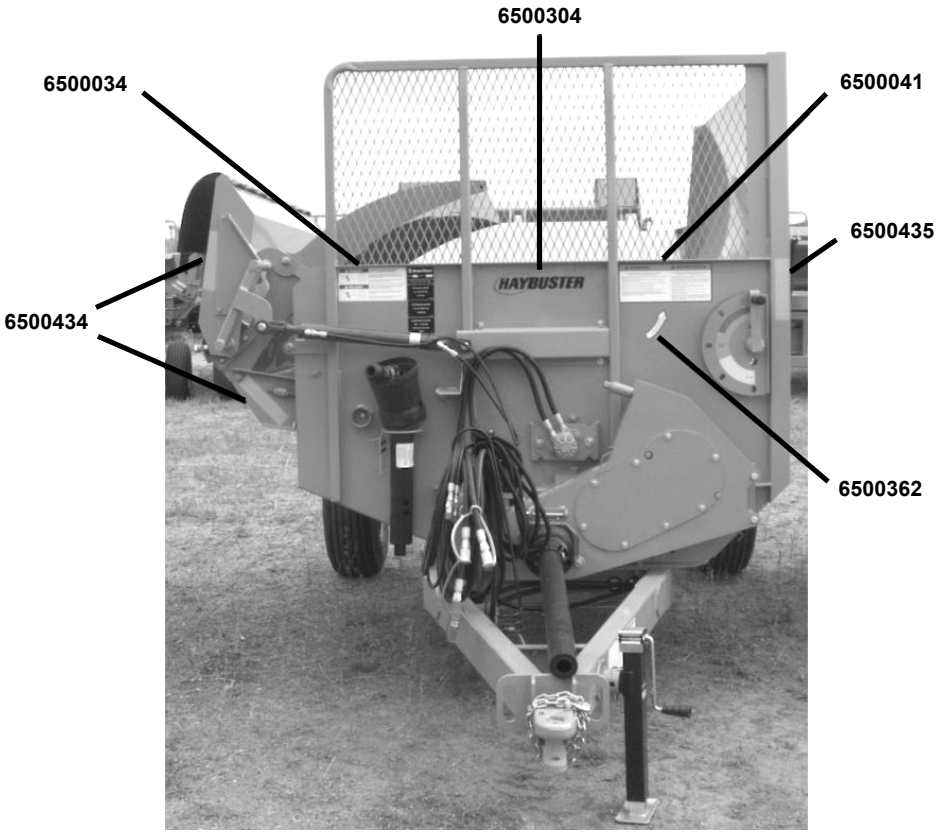
13.

14.

ITEM	PART NO.	QTY.	DESCRIPTION
1	6500034	2	DECAL\DNGR\FLYG;HAY\RACK
2	6500035	1	DECAL\DNGR\ROTATNG;FLAILS
3	6500039	1	DECAL\INFO\S/N\DURATECH
4	6500040	1	DECAL\WARN\SHIELD\PROT
5	6500041	1	DECAL\WARN\PROTECTION
6	6500434	5	DECAL\2X9\RED\REFCT
7	6500435	3	DECAL\2X9\AMBER\REFCT
8	6500304	1	DECAL\LOGO\HYBST\1-3/4\W/
9	6500322	1	DECAL\CAUTION\ADJ.DRAWBAR
10	6500441	2	DECAL\LOGO\2655\SHORTCUT
11	6500354	1	DECAL\BOLTS\FLAIL
12	6500356	1	DECAL\INDEX\SLUGBAR
13	6500361	2	DECAL\PIN\LOADER\2650
14	6500362	1	DECAL\INFO\BALE ROTATION CNRT CLCKWS\ARROW

NOT SHOWN

6500038	1	DECAL\PATENT\#4,449,672
6500070	1	DECAL\PATENT\CAN\#1,186>
6500144	1	DECAL\PATENT\US\#5,090,>
7501353	1	SIGN\SMV\PLSTC-BCKNG\W/SPADE AND BRKT
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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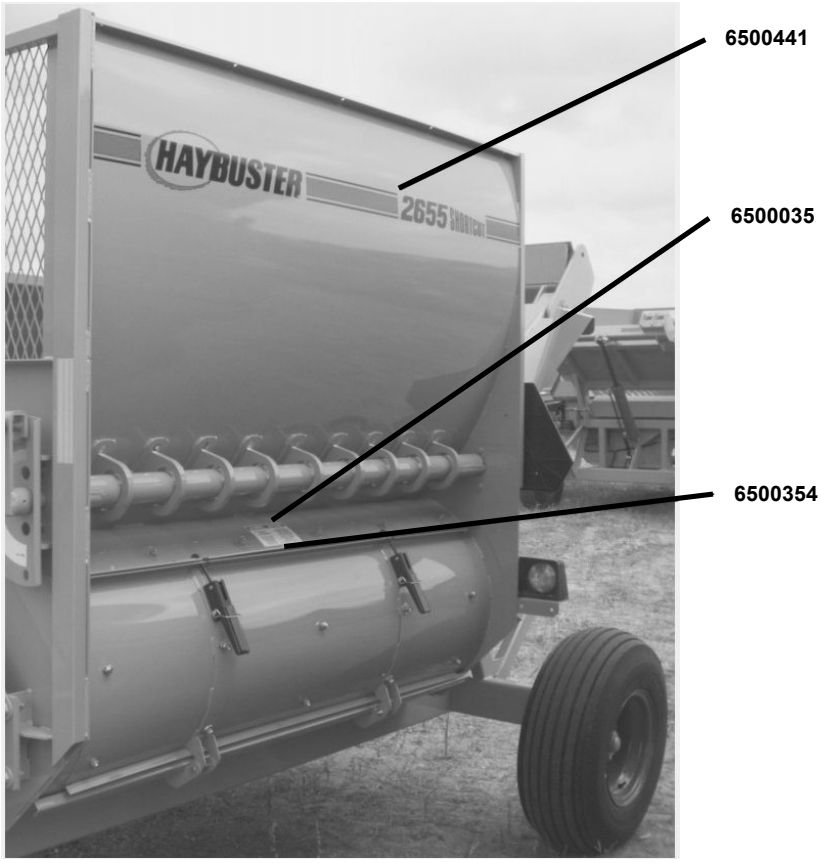
6500362
HAYBUSTER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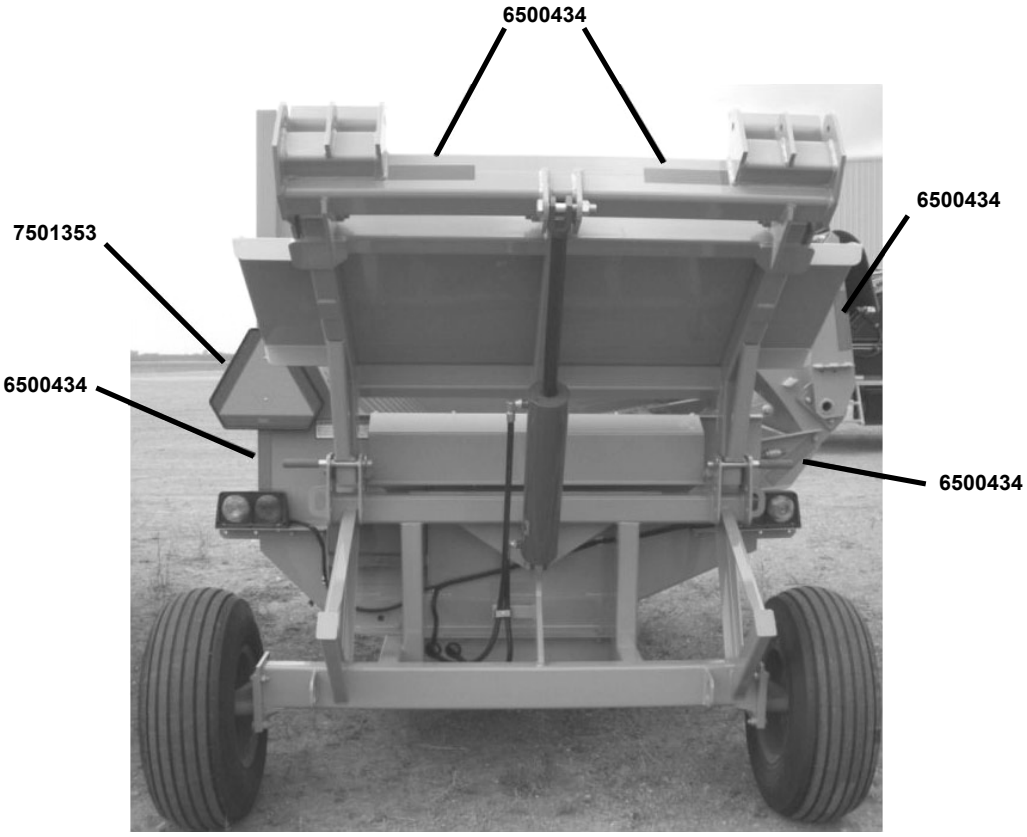
2655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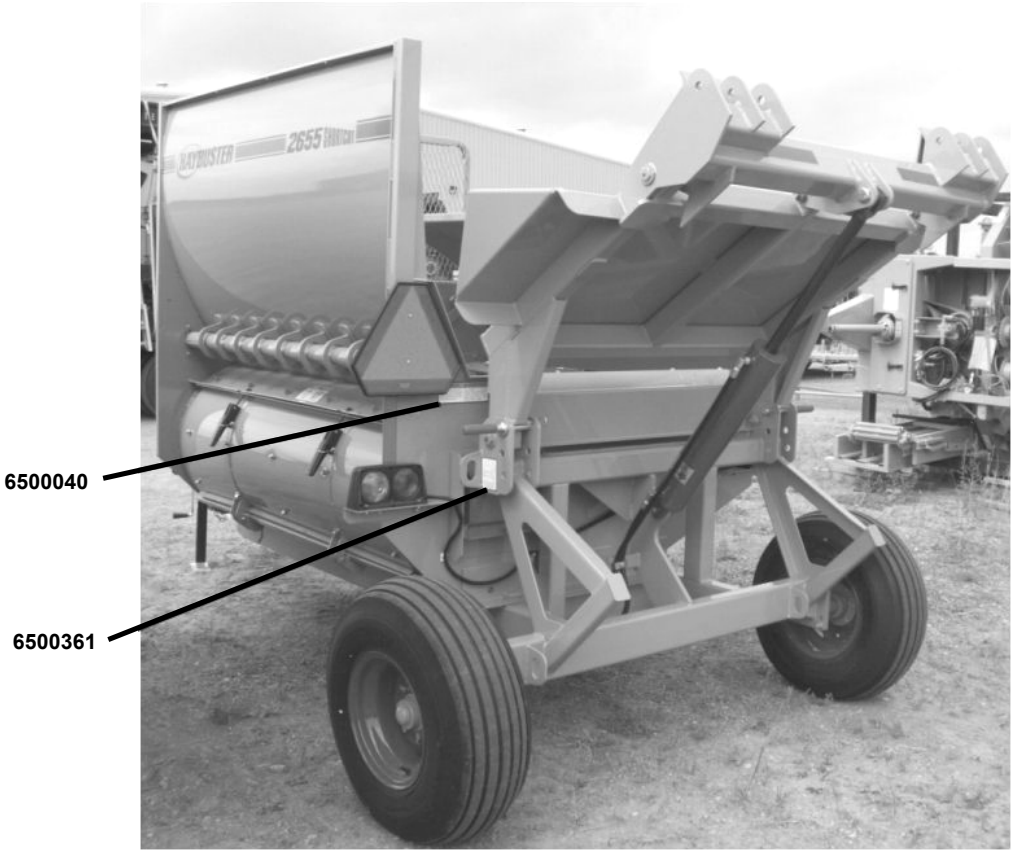
6500040
6500361


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