HAYBUSTER®

2620™ BALEBUSTER

Serial Number 26JJ010120 & Up

Operating Instructions and Parts Reference

DURATECH INDUSTRIES

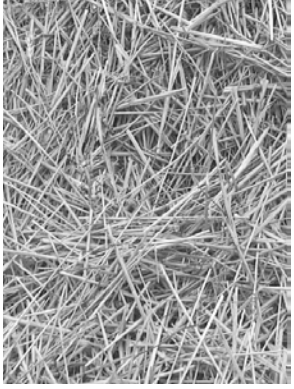
PO Box 1940, Jamestown, ND 58402-1940

July 2009

0500098

HAYBUSTER®

The Innovation Continues



HAYBUSTER®

2620™ BALEBUSTER

Serial Number 26JJ010120 & Up

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 *2620 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.

HAYBUSTER®

The Innovation Continues

Foreword

All personnel must read and understand the following sections before operating the *2620 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”.

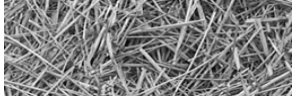
Appropriate use of unit

Your model *2620 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 Industries) representative before attempting to shred materials other than livestock forage.

The *2620 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.

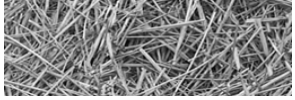


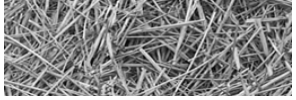
Operator protection

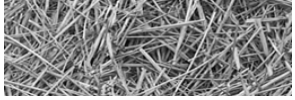
As with all machinery, care needs to be taken in order to insure the safety of the operator and those in the surrounding area.

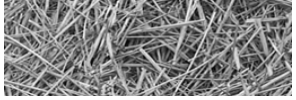
The OPERATOR IS RESPONSIBLE for the safety of the operator and those in the surrounding area.

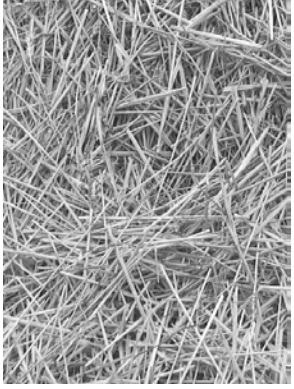
Operators of the 2620 BALEBUSTER are encouraged to wear head, eye, and ear protection, loose clothing is discouraged.









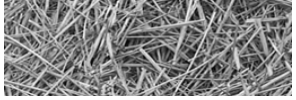


HAYBUSTER®

2620™ BALEBUSTER

Serial Number 26JJ010120 & Up

PART 1: Operating Instructions



Introduction

Your model 2620 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.

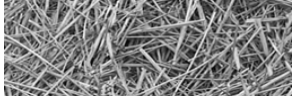
To avoid possible damage to the machine and risk of injury to the operator, consult with a DuraTech Industries International, Inc. (DuraTech Industries) representative before attempting to shred materials other than livestock forage.

Purpose

The purpose of this owner's manual is to explain maintenance requirements and routine adjustments for the most efficient operation of your 2620 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: 2620 BALEBUSTER SERIAL NO. _____



Section 1: Safety

The safety of the operator is of great importance to DuraTech Industries/Haybuster. 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 2620 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.
- Replacement decals can be purchased from your Haybuster dealer.

DuraTech Industries uses industry accepted **ANSI** 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 **2620 BALEBUSTER** when you are fatigued. Be alert - If you get tired while operating your **2620 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 **2620 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

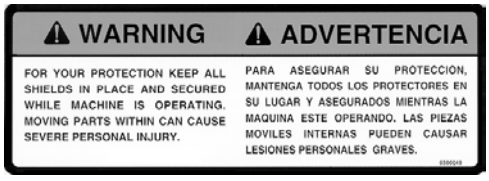
DANGER: ROTATING DRIVELINE, CONTACT CAN CAUSE DEATH, KEEP AWAY!

DO NOT OPERATE WITHOUT

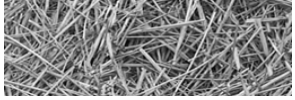
- ALL DRIVELINE GUARDS, TRACTOR AND EQUIPMENT SHIELDS IN PLACE
- DRIVELINES SECURELY ATTACHED AT BOTH ENDS
- DRIVELINE GUARDS THAT TURN FREELY ON DRIVELINE

6500085

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

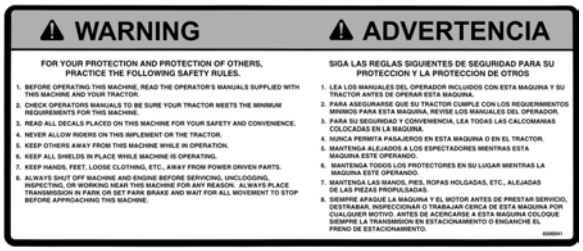


6500040



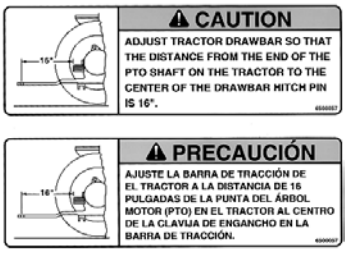
WARNING: FOR YOUR PROTECTION AND PROTECTION OF OTHERS, **PRACTICE THE FOLLOWING SAFETY RULES**.

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.

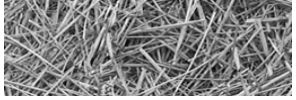


6500041

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".



6500057



1.4 Shielding

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

1.5 Safety review Section

BEFORE OPERATING

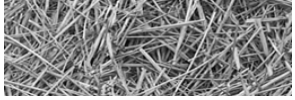
- Read and follow all instructions contained in:
  - a. This 2620 BALEBUSTER operator's manual
  - b. Tractor operator's manual
  - c. Decals placed on the 2620 BALEBUSTER.

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 2620 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 2620 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.

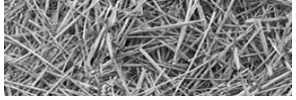
  c. Watch out for and avoid any object that might interfere with the proper operation of the machine.

  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.

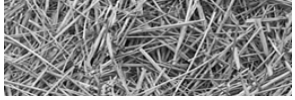
DURING SERVICE & MAINTENANCE

- Before working on or near the 2620 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 2620 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.



1.5 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.

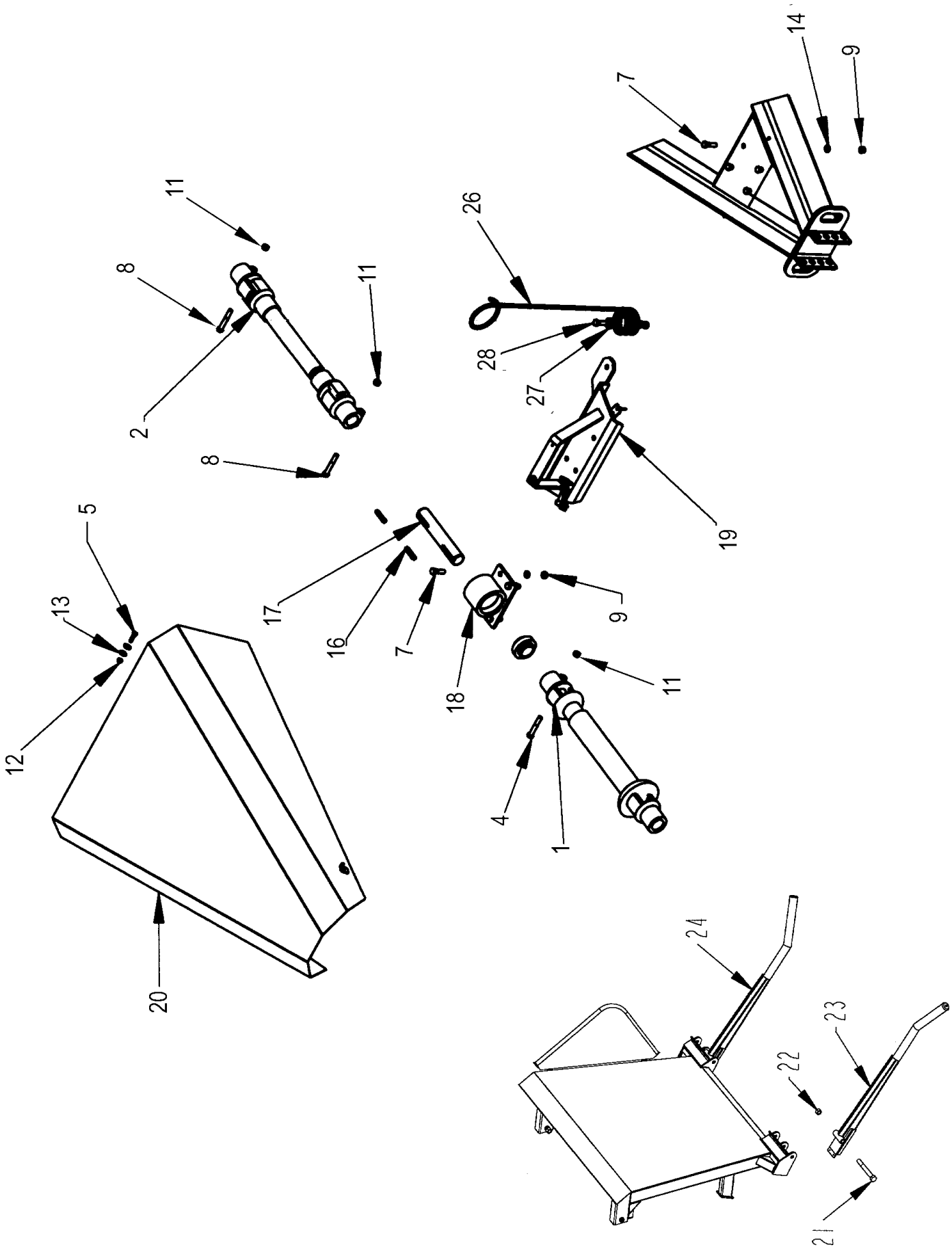


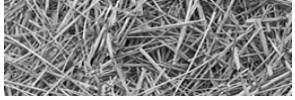
Section 2: Dealer preparation

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.

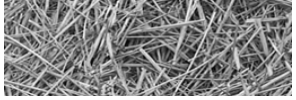
- ❑ Missing items or damage in transit.
- ❑ Loose bolts or set screws.
- ❑ Hydraulics components for leaks or damage.
- ❑ Lug bolts for tightness.
- ❑ Tires for proper air pressure
- ❑ Condition of tire rims.
- ❑ Proper lubrication.
- ❑ All chains for proper adjustment.
- ❑ All shields for installation and condition.
- ❑ Condition of all decals.
- ❑ All phases of operation


14
9
7
11
26
8
11
28
2
27
8
19
5
17
13
16
7
9
18
12
11
4
1
20
24
23
22
21



2.2 Shipping list and illustration for SN 26AJ085220 and up

Item	Part No.	QTY.	Description
1	3600334	1	PTO\252-19210\DS\45
2	3600339	1	JOINT\ASSY\55R\ELE\COMP
3	4700777	1	CLMP\HOSE\1/2
4	4800068	1	BOLT\HEX\1/2X3
5	4800098	2	BOLT\HEX\3/8X1-1/4\NC
6			
7	4800178	8	BOLT\HEX\1/2X1-3/4
8	4800592	2	BOLT\HEX\1/2X3-1/4
9	4900001	9	NUT\HEX\1/2 NC
10			
11	4900014	3	NUT\TPLCK\1/2
12	4900023	2	NUT\TPLCK\3/8\NC
13	5000001	4	WASHER\FLAT\3/8
14	5000006	9	WASHER\LOCK\1/2
15			
16	6200020	3	KEY\SQ\3/8X2-1/4\HARDEND
17	8100597	1	SHAFT\1-3/4X10\2KEYWAYS
18	8100958	1	BRKT\BRG\ASSY\W-LATCH
19	8100846	1	BRNG\MNT\ASSY\W-BEARING&LOCK COLLARS
20	8100959	1	SHLD\PTO\ASSY\ W-LATCH CATCH
21	4800471	2	BOLT\HEX\1X7\NC
22	4900127	2	NUT\TPLCK\1\NC
23	8100769	1	TINE\LEFT\2620
24	8100770	1	TINE\RIGHT\2620
25	4800356	3	SCR\SET\ALN\3/8X1/2\NC
26	7500170	1	HOSE MINDER
27	5000004	1	WASH.\FLAT\1/2
28	4800082	1	BOLT\HEX\1/2X1-1/2



2.3 Assembly required

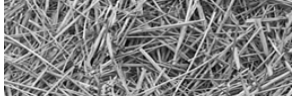
1. Adjust the hitch so the machine will be parallel with the ground. Hitch the 2620 BALEBUSTER to the tractor drawbar.
2. Raise the jack, pull the lock pin and store in the transport position.
3. Connect the two hydraulic hoses from the hydraulic cylinder to one set of hydraulic couplers on the tractor. Connect the two hydraulic hoses from the bale conveyor speed valve to the second set of hydraulic couplers on the tractor.
4. 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).

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

5. Mount tines 8100769 and 8100777 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 22.
6. Attach Bearing Bracket 8100848 to the main frame. Tighten bolts #4800178. See illustration on pages 12-13.
7. Loosely assemble bearing, joints, and shafts. Slip shaft #3600339 and 3/8 hardened key # 6200020 on rotor shaft on the machine and shaft #8100597. Tighten bolts holding bearing mount #8100846 to bracket, keeping shaft #8100597 in line with the hitch pin, and perpendicular to the front of the processor.
8. Center shaft 8100597 lengthwise in bearings, and set lock collars.
9. Slide ends of shaft #3600339 on shaft #8100597 and the existing rotor shaft so 3/8” of both shafts can be seen inside the yokes. Lock the setscrews in the yokes. Tighten bolts #4800592 and lock nut #4900014 on both U-Joints of shaft #3600339.
10. Mount P.T.O. shaft #3600077 and hardened key #6200020 on shaft #8100597 and lock set screws and tighten bolt #4800068 and nut #4900014.
11. Mount safety shield #8100847 above P.T.O. using, (2) 3/8x1-1/4 bolts, (4) Flat washer, (2) Lock Nuts.

NOTE: In the raised position the shield is held in place by the shields latch.

12. 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.
13. Bolt hose minders to #4700777 to bearing bracket #81007771 use, (1) 3/8x3 bolts, lockwasher, nut.
14. Pull deflector and rack assembly out into operating position.
15. If required, install safety chain. Check local regulations regarding safety chain requirements.
16. Follow lubrication instructions found on pages 31-33 **before** use.
17. 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 2620 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 2620 BALEBUSTER.

3.1 Pre-starting inspection instructions

WARNING: Before inspecting the machine, use the normal shut-down procedure on page 16.

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.

- ❑ 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 attachment bolts.

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 2620 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 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.

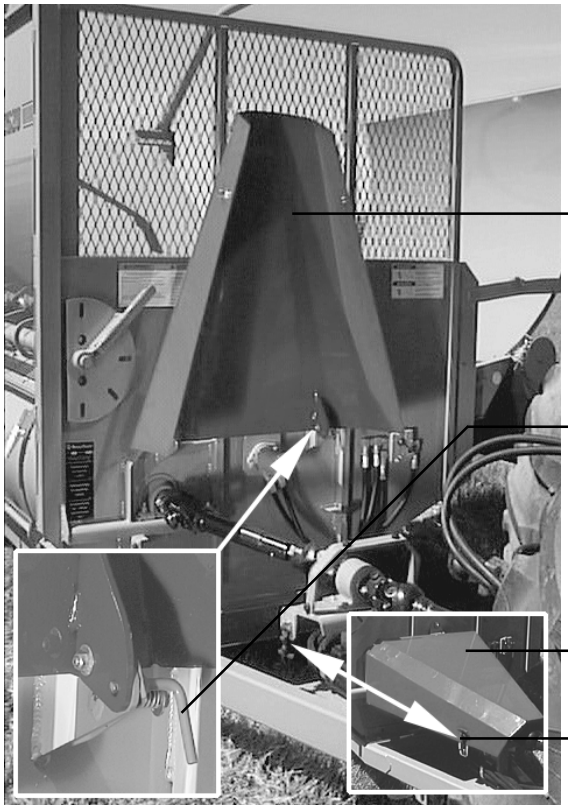
3.3.2 P.T.O. Shield

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.

To raise the P.T.O. shield, unhook the hold-down straps near the front of the shield and lift the shield. It 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. Once the shield is in the upright position it should automatically lock in the upright position.

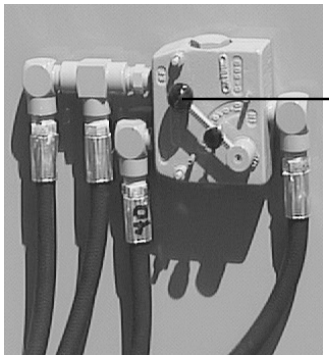
To lower the shield, pull the locking pin to release the shield and lower it into working position. Once the shield is lowered hook the hold-down straps.

figure 3.1
P.T.O. shield, working (lowered) position, maintenance (raised) position, latch and lock



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.

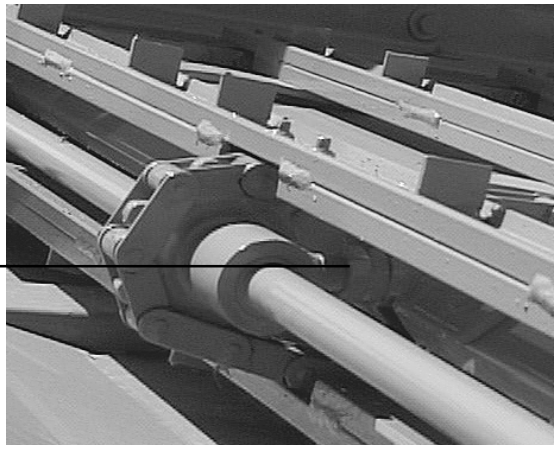


For tractors with PFC type hydraulic systems, this valve should be set in the full open position (clockwise rotation). Conveyor speed can then be controlled directly from the tractor controls.

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.



3.3.5 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 clockwise will expose more flail, counterclockwise will expose less flail. To rotate the handle, squeeze the lever to release the lock and rotate the handle to the desired position, and release the lever. 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 counterclockwise the will expose the least amount of flail (position 1).

Position	Approx. Flail Exposed
1	3/4“
2	7/8"
3	1-1/8"
4	1- 1/4"
5	1-3/8"

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.)

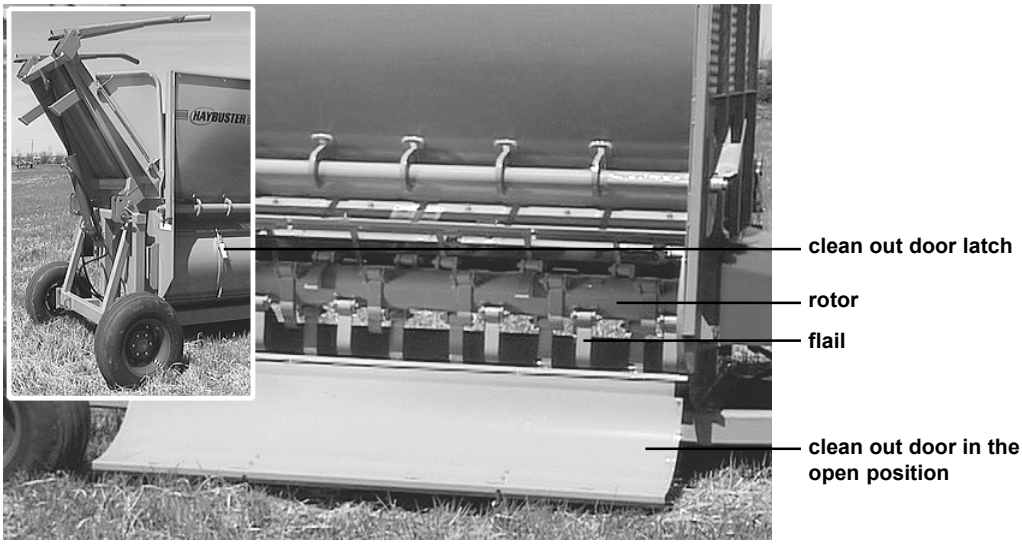
3.3.6 Clean Out Door

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.

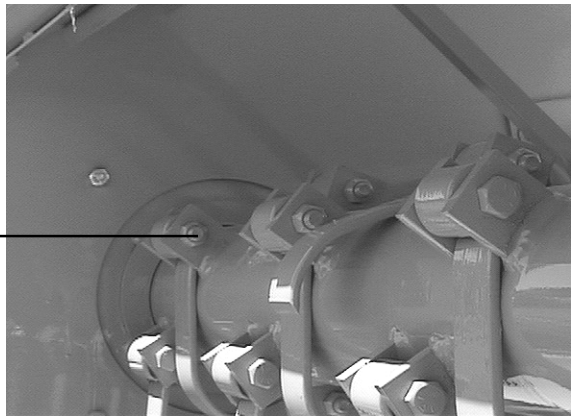
To close the door, hook the latch hooks and close the handles. This should draw the door in tight. If the door is loose or can not be closed, check for obstructions. Hooks can be adjusted by screwing them in or out of the latch. Once the door is closed, replace the lynch pins.

figure 3.3
clean out door, rotor and flails



3.3.7 Flails

Flails are to be free to rotate about the bushings on the rotor. The bushings should not rotate. The bushings are held secure by tightening the bolts and squeezing the tabs against the bushing. The bolts should be torqued to 180 ft.-lbs.

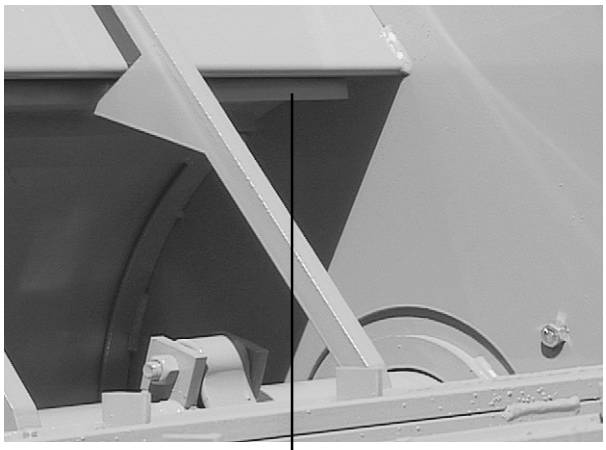


3.3.8 Stripper Plate

Adding a stripper plate will produce a finer cut and removing plates will produce a courser cut.

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

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

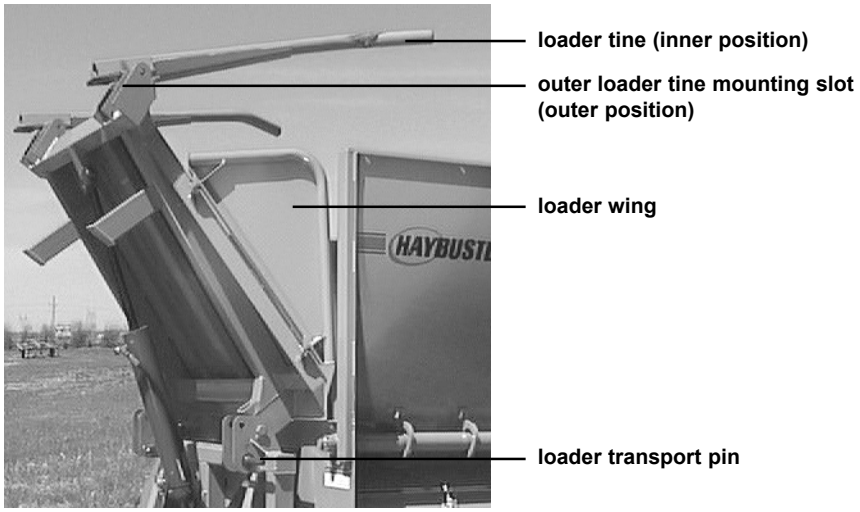


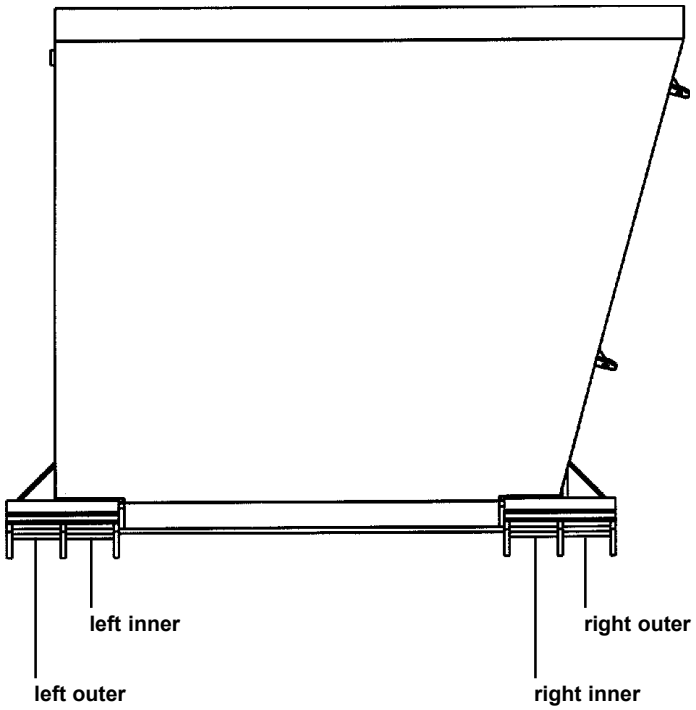
3.3.9 Loader

The loader has three settings for different size bales. For bales approximately 72" in diameter set the tines in the outermost position. 60" bales require the tines to be positioned in the left (facing in the direction of travel) slots on the loader. 48" bales require the tines to be positioned in the inner mounting slots (see page 22).

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.

figure 3.4
loader tines, outer mounting slot, wing and transport pin





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

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

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

3.3.10 Loader Wing

The loader wing is designed to seal the shredding chamber, to prevent hay loss out of the back of the machine. The wing should be set at approximately 60º to the face of the bale loader. With the loader in the fully raised position the wing should be adjusted within 1/2" of the shedder frame, but should not touch the frame.

3.3.11 Tines

WARNING: 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 and lowered.

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

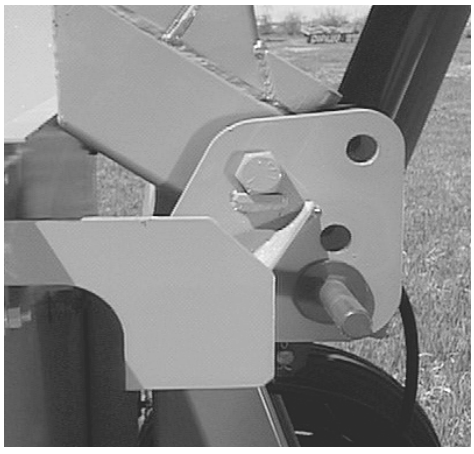
CAUTION: Watch for overhead hazards such as power lines.

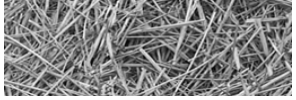
3.3.12 Loader Transport Pin

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 pin 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 pin in storage position.





3.3.13 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.

3.3.14 Tires, Rims and Hubs

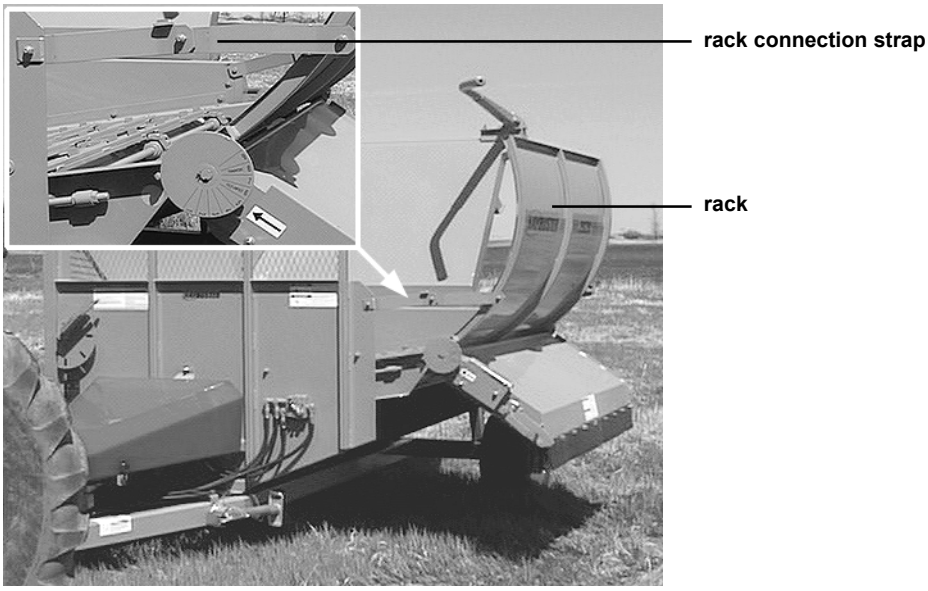
Tires should be inflated to 40 PSI and should be free of cuts or cracks. There should also be adequate tread and no visible cords, wires or tread separation. Tires must also be of proper load rating, speed rating and size.

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.

3.3.15 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 3.5
rack in the working position, rack connection straps



3.3.16 Deflector Adjustments

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, remove the locking pin and firmly grab the deflector latch handle and lift the release lever with the other hand. Rotate the deflector to the desired position and release the handle. Reinstall the locking pin. Handle tension can be adjusted by removing the deflector shield and adjusting the spring tension bolt. Reinstall the shield after tension is adjusted. A wider deflector belt (PN 8100819) is available for bunk feeding or additional material control.

figure 3.6
deflector adjustments - locking pin, deflector position indicator, deflector latch handle and deflector release handle

3.3.17 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 pin and rotate the jack so that the foot of the jack is to the rear of the machine. Reinstall the jack pin.

3.3.18 Grain Hopper Operation (Option)

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

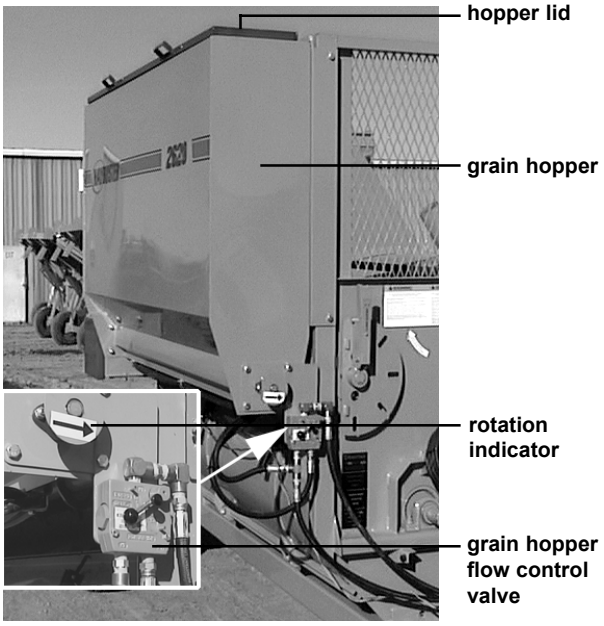
The grain hopper is used for top-dressing feed supplements or can be use independently for supplement feeding.

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.

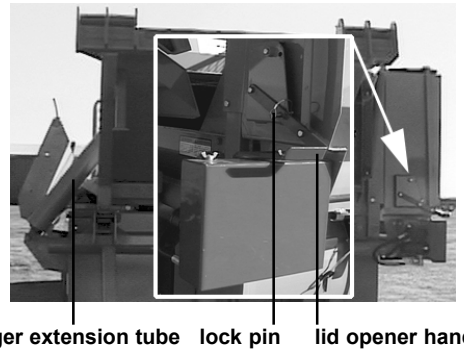


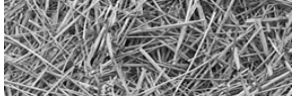
WARNING: DO NOT attempt to fill hopper by climbing on the machine.

The hopper lid can be opened and closed easily from the ground. Remove the locking pin and raise the lid opener handle and pin in the upright position. To close the lid, reverse the procedure and lock in the closed position to prevent damage to the 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.





3.3.19 Grain Hopper (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 2) and calculate the "Required Hopper Feed Rate" to obtain the desired supplement to feed ratio.

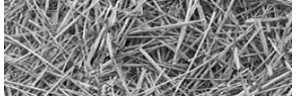
Step 3. With the bale processor properly attached to the tractor operate the hopper making sure that both augers operate properly. While feeding and calibrating, the auger must rotate in the direction indicated by the arrow on the indicator wheel located at the front of the hopper.

Step 4. Using line 7 from worksheet set the flow valve at the baseline setting using the charts on page 28.

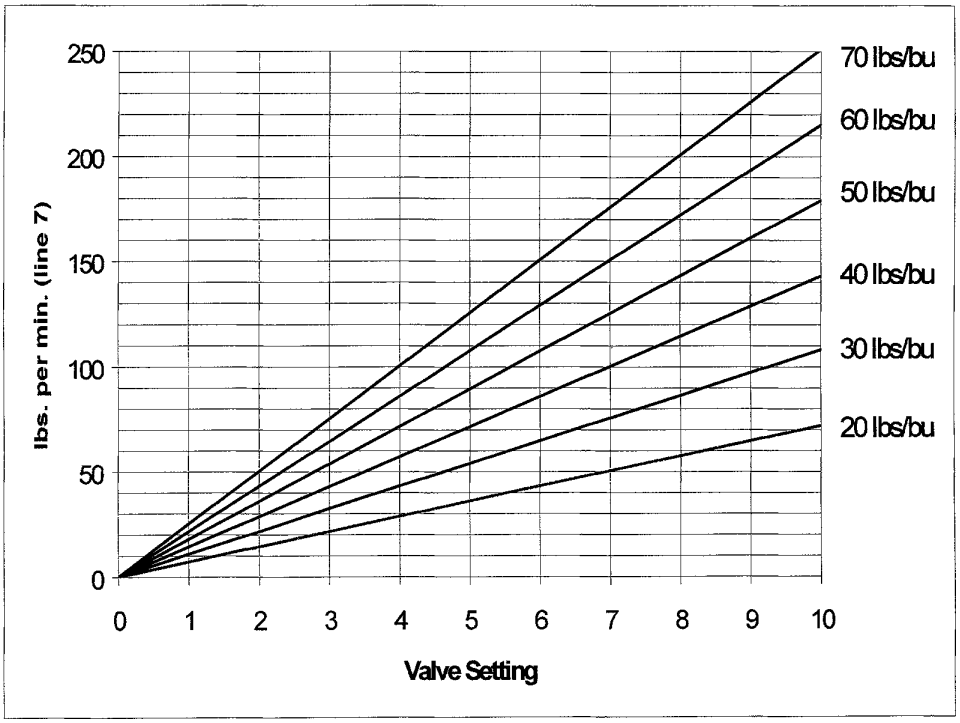
NOTE: The Pipe Thread Motors and 0-Ring Motors, DO NOT Run at the same speed. *Verify Orbit Motor Style, make sure to use the correct chart.

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.

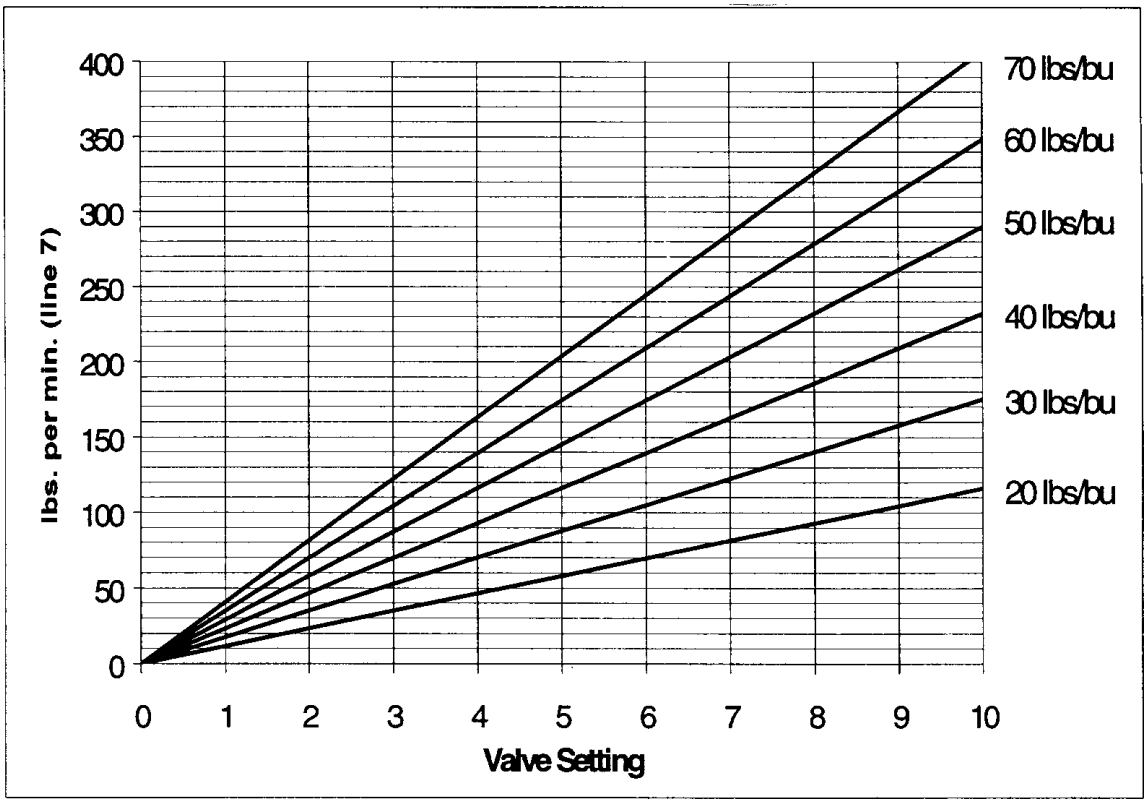


Pipe Thread Style Orbit Motor

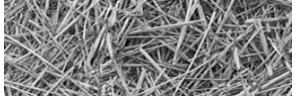


*** This chart is for a baseline setting only and should not be considered accurate because of variances in tractor hydraulic flows and pressures. The hopper must be recalibrated if the tractor is changed.**

0-ring Style Orbit Motor



*** 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.

3.4 Hitching the 2620 BALEBUSTER

WARNING: Do not operate the 2620 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 breaking and steering control, the tractor must have a weight greater than or equal to the weight of the 2620 BALEBUSTER and any bales it will transport.

To hitch the 2620 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 is 16" (41 cm.). Refer to Figure 3.7.

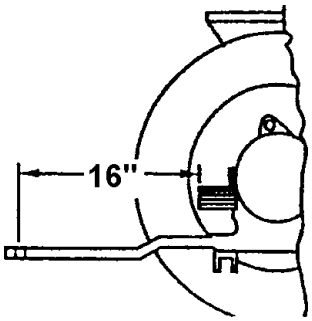
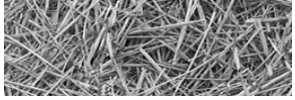


figure 3.7
safe P.T.O. distance

2. Hitch the 2620 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.



3.5 Unhitching the 2620 BALEBUSTER

To unhitch the 2620 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

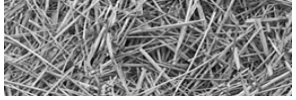
DANGER: After making all necessary hook-ups to tractor, be sure rotor chamber is clear of any solid objects. Make sure any bystanders are away from the 2620 BALEBUSTER before engaging P.T.O., conveyor or loader. Flying objects can cause serious injury or death. Stay clear of discharge side of machine 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),* bales dropping 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 2620 BALEBUSTER. Serious injury or death could result if the bale rolls off the loader tines.

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 bale tines.

STEP 2: Slowly lift bale, keeping the weight on the tines. If you need to travel to the second bale, transport the bale on the tines, use the bale as guide to line up on the second bale.

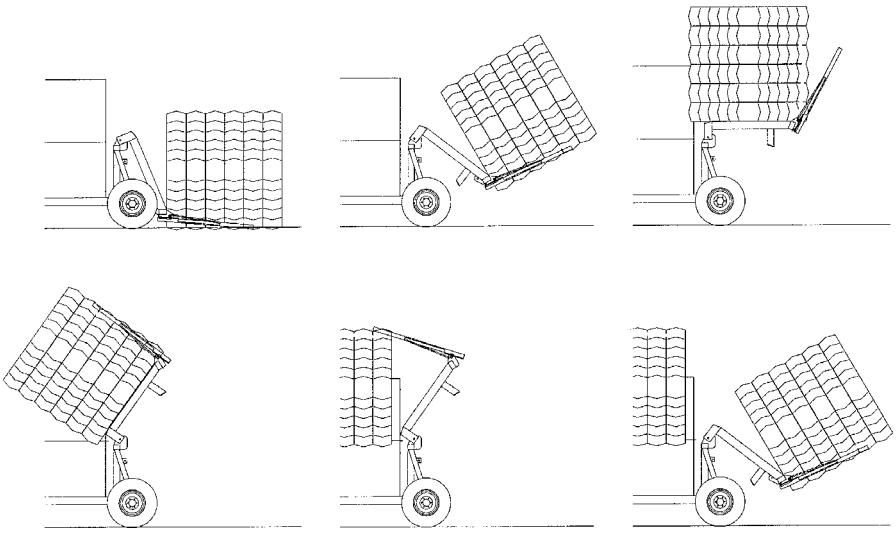
STEP 3-5: Slowly lift bale into the shredding chamber. Continue lifting the bale loader until it stops. The correct position for shedding a single bale will help prevent spillage.

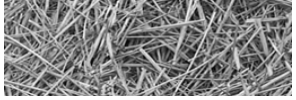
NOTE: If bale does not rotate forward the twine may be over the tine. Cut the twine at this time to prevent damage to the machine.

STEP 6: Load a second bale (if the first bale is on the loader tines, 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 left so you can look past it on the right side). Back trailer until bale is loaded on the tines. Slowly lift the bale off the ground keeping the weight of the bale on the tines. This is the transport position for the second bale.

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

figure 3.8
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 1000 RPM allows 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 2620 BALEBUSTER. Serious injury or death could result if the bale rolls off the loader tines.

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 2620 BALEBUSTER where you want to begin shredding the bale.
3. Engage the conveyor and move the bale to the left 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 2620 BALEBUSTER.

3.9 Twine Removal

To remove twine from the rotor open clean out door - refer to 3.3.6. Using a hacksaw with a fine tooth blade is one method of cutting the twine and works with all types of twine.

figure 3.9
removing twine from the rotor with a fine tooth hacksaw

3.10 Transporting the 2620 BALEBUSTER

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

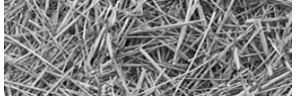
DANGER: Do not remove transport pins until the hydraulic hoses have been charged and the cylinder fully extended. Failure to follow these instructions may result in severe personal injury or death.

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 2620 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 3.3.12 “Loader Transport Pin adjustment” 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.

figure 3.10
deflector in the transport position



3.10 Storing the 2620 BALEBUSTER

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

To prepare the 2620 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 2620 BALEBUSTER with a high pressure washer, keep the nozzle away from the sealed bearings. Repaint places where bare metal is exposed - to inhibit rusting.
2. 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.
3. Coat exposed lift cylinder rod with grease. Oil chains on conveyor. Lubricate thoroughly according to lubrication instructions. Repack wheel bearings.
4. 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.

3.11 Removing the 2620 BALEBUSTER from storage

To remove the 2620 BALEBUSTER from storage, preform the following steps:

1. Remove all protective coverings.
2. Remove blocking from under 2620 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 16) 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 16 points to lubricate with grease gun every fifteen (15) hours of operating time.

1. Rotor bearings - 2 places.
2. P.T.O. universal joints and telescope shaft - 4 places.
3. Telescoping shafts - 2 places.
4. Pivot points on loader frame - 2 places
5. Bearings on slugbar adjustment - 2 places.
6. Bale conveyor - 2 places
7. Deflector pivot - 2 places

Wheel bearing - Repack annually

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

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

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

figure 4.1
P.T.O. lubrication

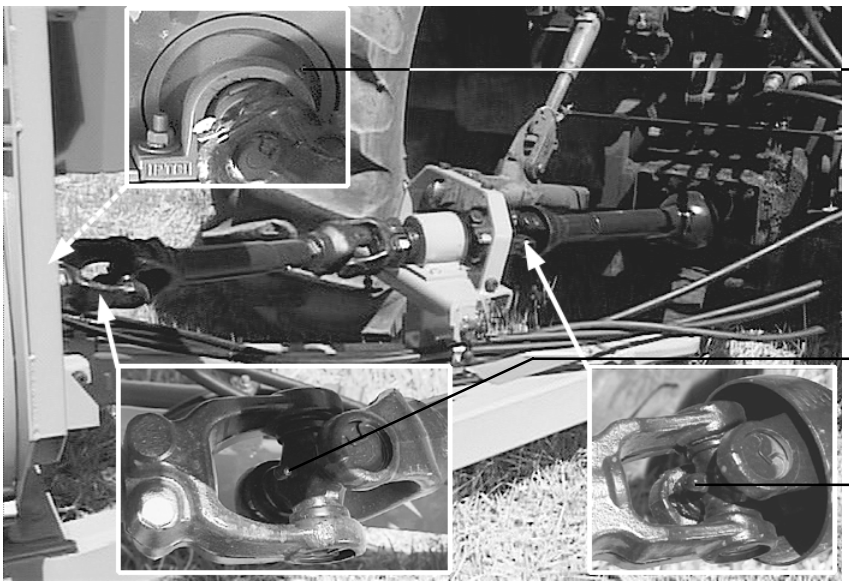


figure 4.2
loader frame pivot, slugbar adjustment bearing and P.T.O. universal joint lubrication points

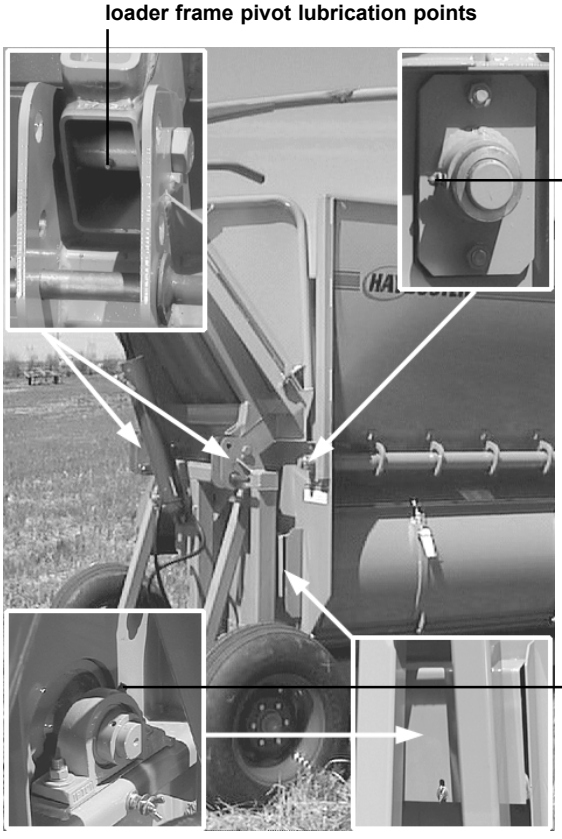


figure 4.3
deflector pivot
lubrications points

figure 4.4
bale conveyor bearing
lubrication point

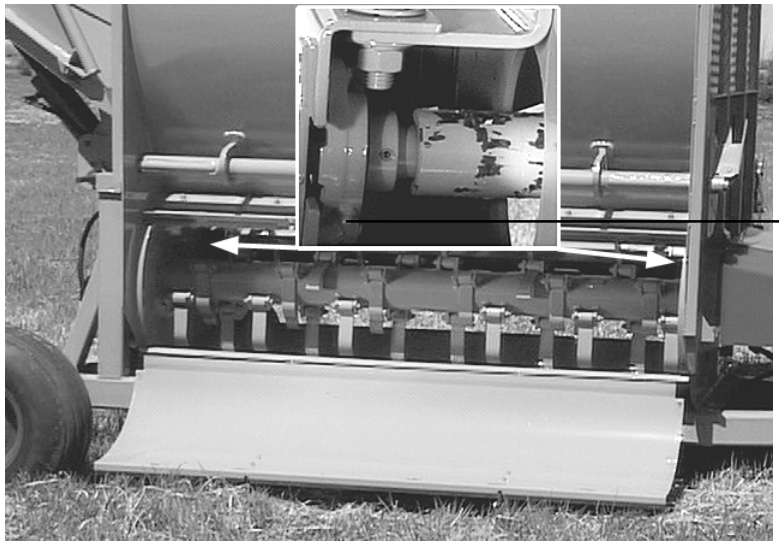
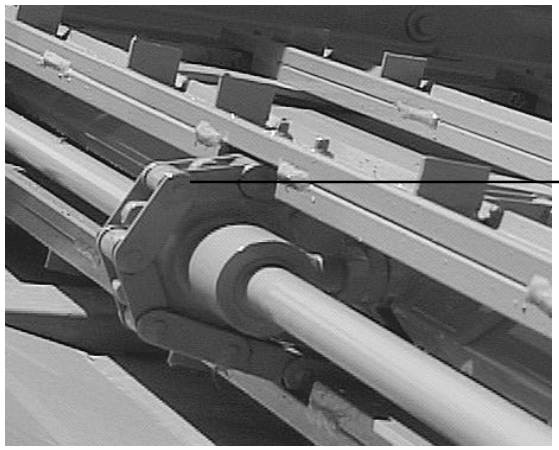
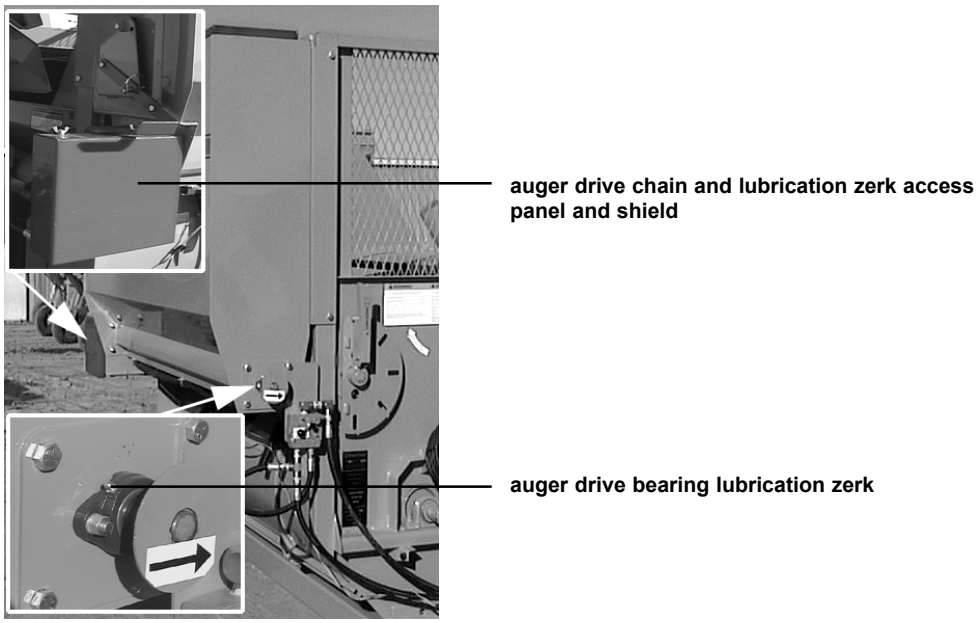


figure 4.5
roller chain lubrication



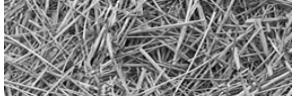
4.2 Grain Hopper (Option)

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



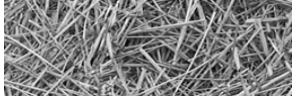
4.3 General appearance

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 2620 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. Broken Flail. 2. Defective cylinder bearing. 3. Misaligned or worn PTO 4. Build up of twine on rotor.	1. Replace Flail. 2. Replace Bearing. 3. Replace worn part or complete PTO. 4 Remove all twine from rotor.
4. Machine Will Not Lift Bale	1. Tractor hydraulic pressure too low. 2. Hydraulic oil leaking by piston in cylinder.	1. Check pressure. 2. Repair or replace hydraulic cylinder
5. Forage Too Coarse	1. Conveyor speed too fast. 2. Slug bar set too low. 3. Stripper plate removed.	1. Decrease conveyor speed. 2. Raise slug bar to expose less flail. 3. Replace or add additional stripper plate.
6. Forage Too Fine	1. Conveyor speed too slow. 2. Slug bar set too high. 3. Extra stripper plate installed.	1. Increase conveyor speed. 2. Lower slug bar to expose more flail. 3. Remove one or all stripper plates.
7. Forage Blows Past Bunk When Bunk Feeding	1. Deflector to high.	1. Lower Deflector. 2. Add optional 18" deflector belting #8100815



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.

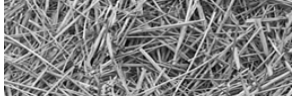
All claims for warranty must be made through the dealer which originally sold the product and all warranty adjustments must be made through same.

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: 2620 Specifications

General specifications

Tractor H.P. Required ..... Min. 65 H.P.
Capacity ..... 6 Ft. Long x 6-1/2 Ft. Dia., 2000 Lbs.
Rotor Length ..... 78"
Rotor Diameter ..... 25-1/2"
Rotor Bearings - Ball ..... 1-3/4"
Knives - Heat-Treated 30
Wheel - Taper Roller Bearings - Tire Size ..... 11L X 15-8 Ply

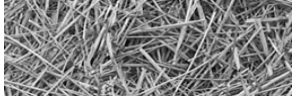
Working Position 1 Bale Height ..... 119"
Length ..... 170"
Width ..... 132"

Working Position 2 Bales Height ..... 119"
Length ..... 260"
Width ..... 132"

Transport Position:
Length ..... 171"
Width ..... 101-1/2"
Height ..... 114"
Weight ..... 4180 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
- Taillight
- Fender



Appendix C: Grain Hopper (Option) Specifications

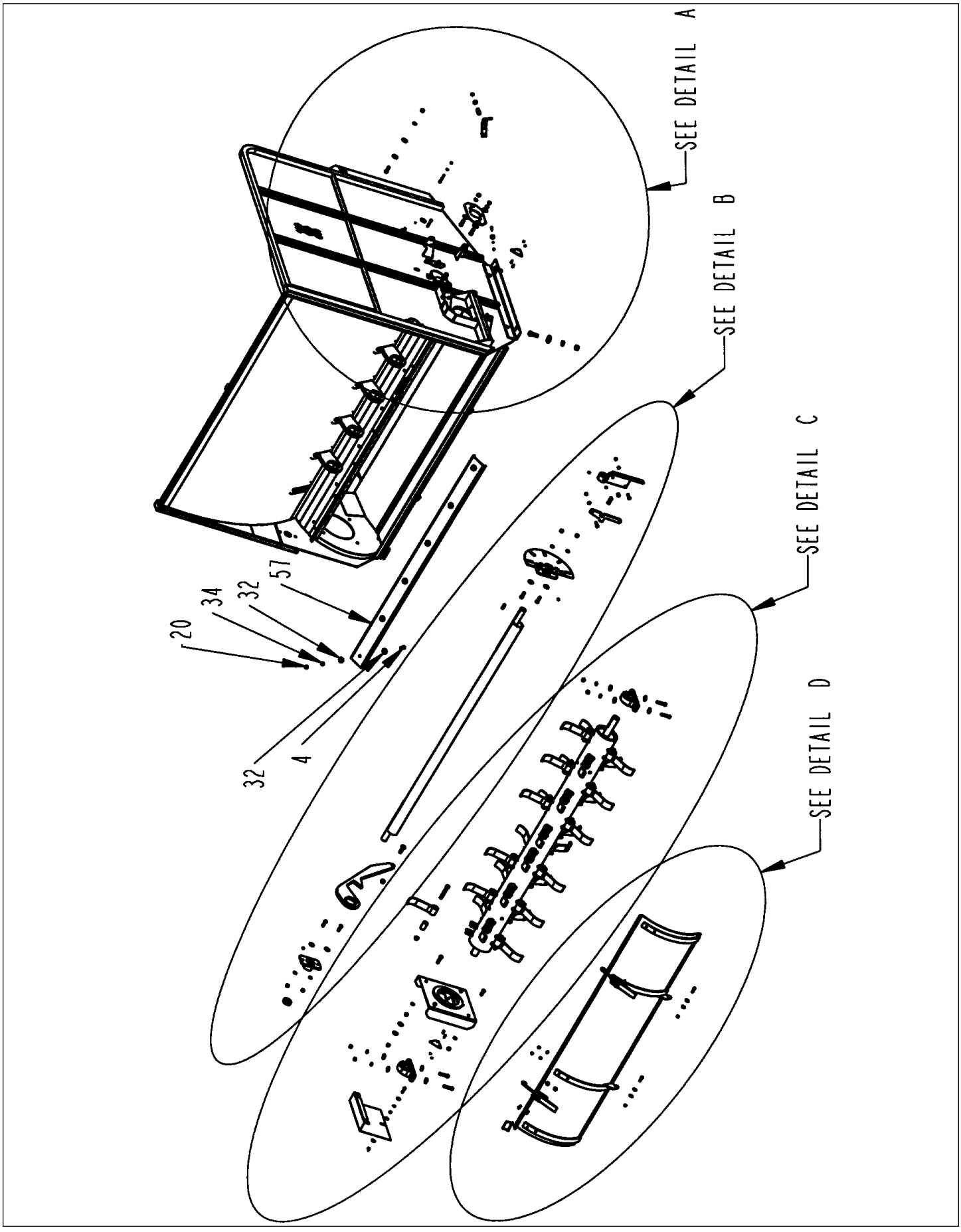
Option Wt.	650 lbs (approx)
Hopper Capacity	21 bu
Max Weight Capacity	1300 lbs
Max supplement Delivery rate	3.5 bu/min
Hyd. Press. Req	1500 psi
Hyd. Flow Req.	12 gpm

HAYBUSTER®

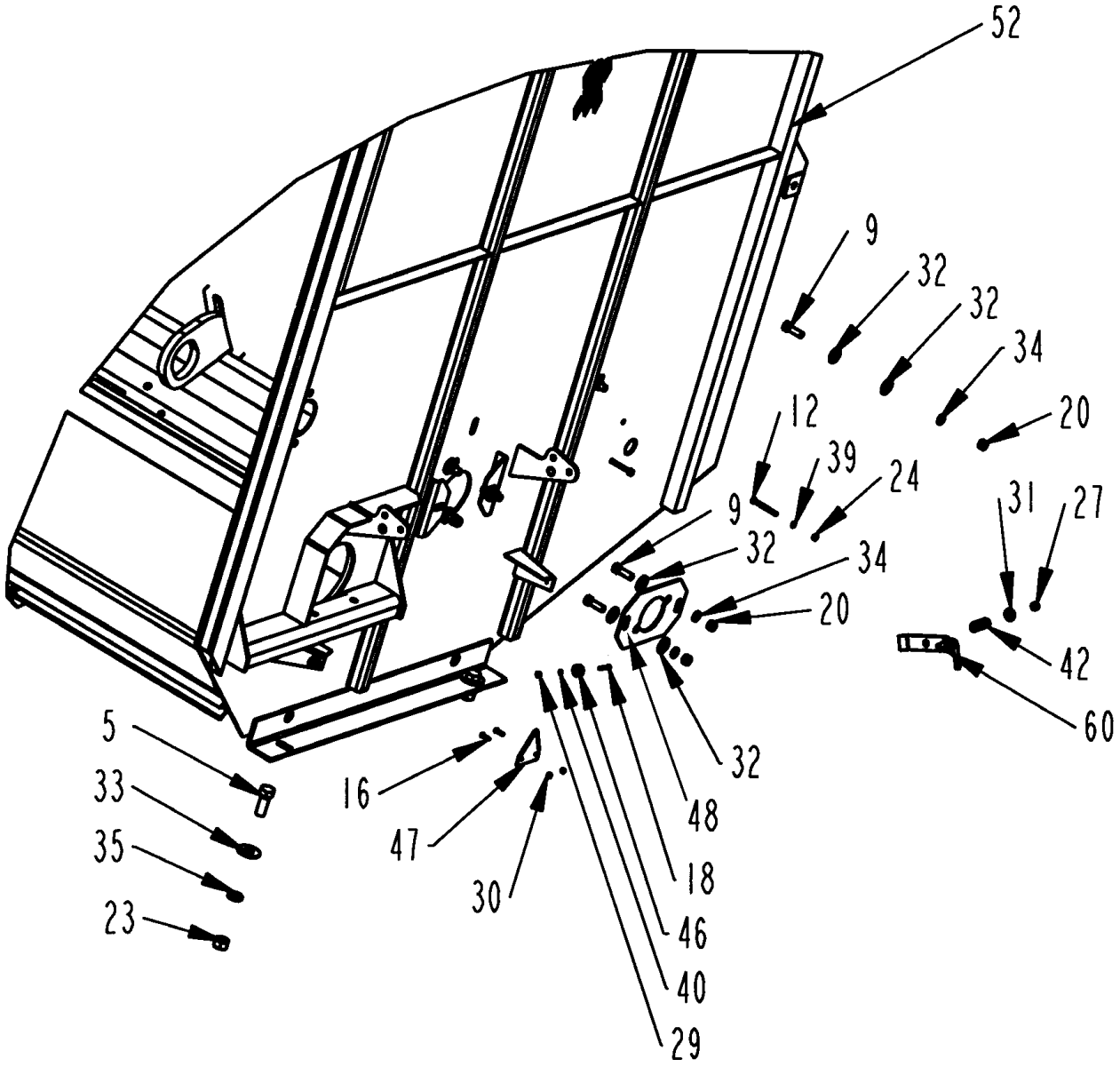
2620™ BALEBUSTER

Serial Number 26JJ010120 & Up

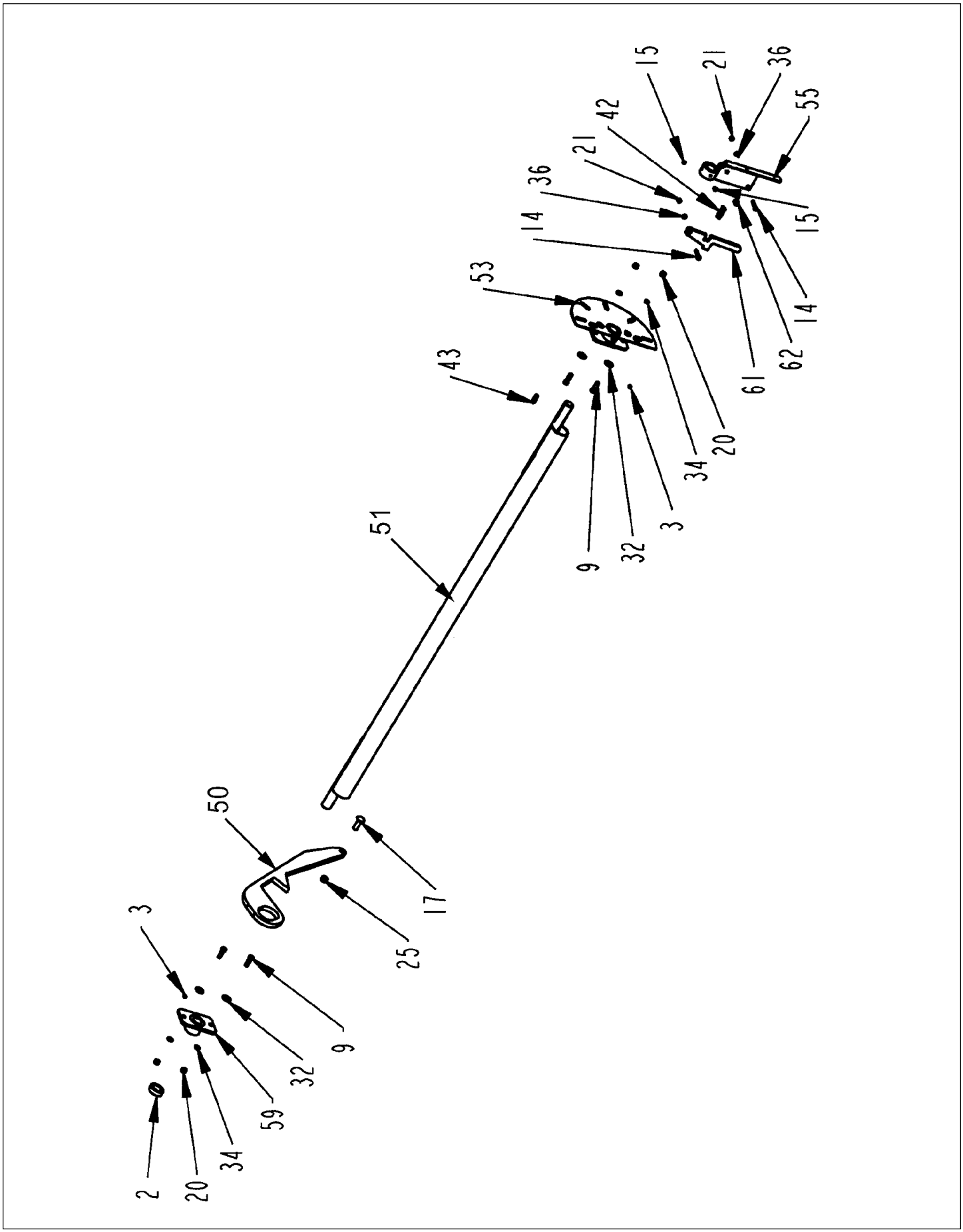
Part 2: Parts Reference


SEE DETAIL A
SEE DETAIL B
SEE DETAIL C
SEE DETAIL D
20
34
32
57
32
4

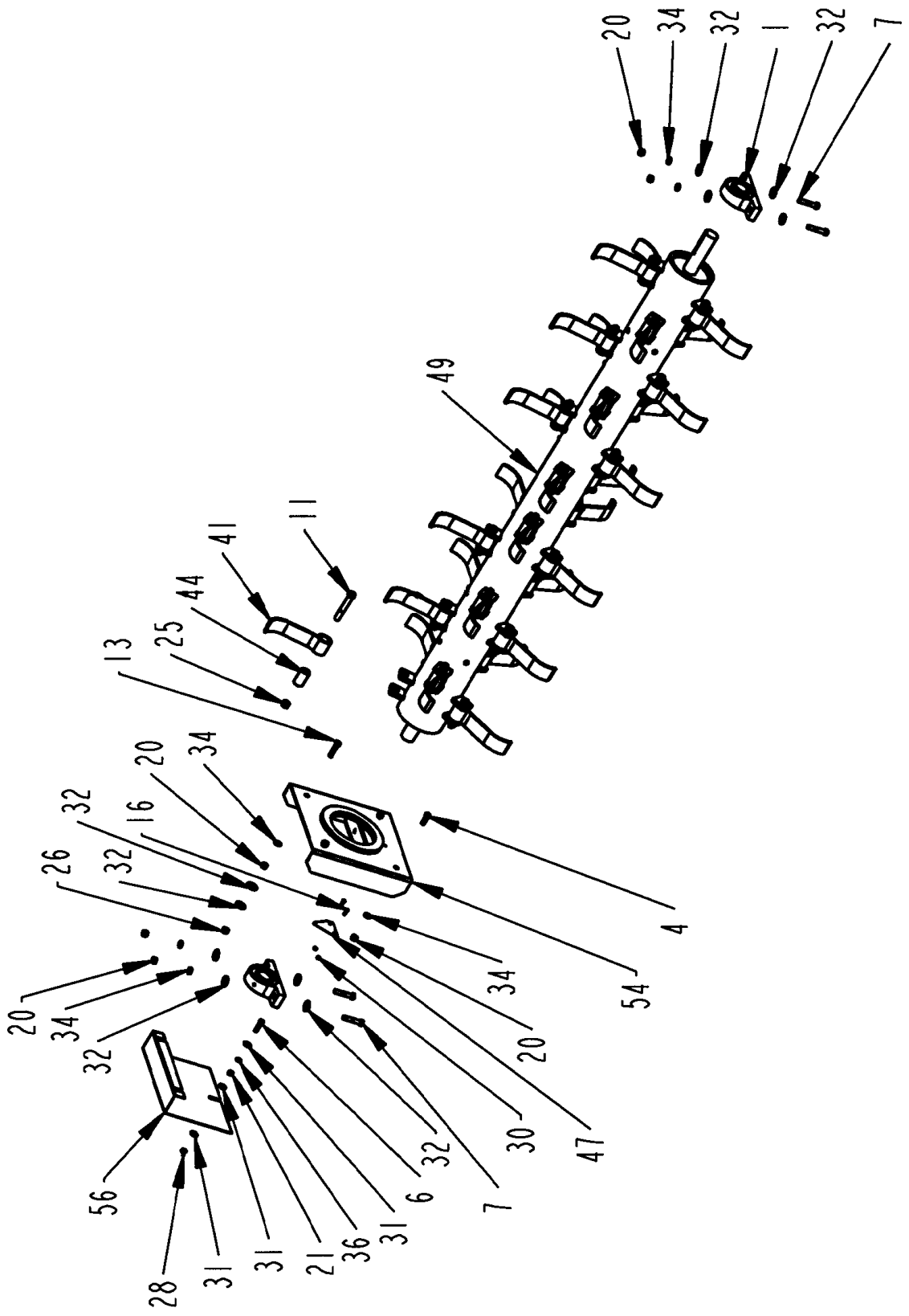
ITEM	PART	QTY.	PART DESCRIPTION
1	2000514	2	BRG\PB\1-3/4\2BOLT\MALLEABLE
2	2000813	1	CLLR\SHFT\1-1/2\SET
3	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
4	4800018	8	BOLT\HEX\1/2X1-1/4
5	4800033	4	BOLT\HEX\3/4X2
6	4800034	1	BOLT\HEX\3/8X1-1/2
7	4800070	4	BOLT\HEX\1/2X2-1/2
8	4800071	4	BOLT\HEX\5/16X1-1/4
9	4800082	14	BOLT\HEX\1/2X1-1/2
10	4800098	2	BOLT\HEX\3/8X1-1/4\NC
11	4800100	30	BOLT\HEX\5/8X4
12	4800101	2	BOLT\HEX\1/4X2-1/2
13	4800114	2	BOLT\HEX\1/2X2
14	4800142	2	BOLT\HEX\3/8X1-3/4
15	4800143	2	SCR\SET\ALN\3/8X3/8\NC
16	4800220	4	SCR\RD\SLOT\3/16x3/4\nc
17	4800483	5	BOLT\CRG\5/8X2\NC
18	4800587	2	SCR\RD\SLOT\#10-24X1
19	4800911	2	PIN\LYNCH\1/4X2-1/2\
20	4900001	28	NUT\HEX\1/2\NC
21	4900002	3	NUT\HEX\3/8\NC
22	4900003	4	NUT\HEX\5/16\NC
23	4900004	4	NUT\HEX\3/4\NC
24	4900009	2	NUT\HEX\1/4\NC
25	4900012	35	NUT\TPLCK\5/8\NC
26	4900014	2	NUT\TPLCK\1/2\NC
27	4900023	3	NUT\TPLCK\3/8\NC
28	4900032	1	NUT\WING\3/8\NC
29	4900072	2	NUT\HEX\#10\NC
30	4900146	4	NUT\TPLCK\#12\NC
31	5000001	8	WASH\FLAT\3/8
32	5000004	46	WASH\FLAT\1/2
33	5000005	4	WASH\FLAT\3/4
34	5000006	28	WASH\LOCK\1/2
35	5000012	4	WASH\LOCK\3/4
36	5000019	3	WASH\LOCK\3/8
37	5000022	4	WASH\LOCK\5/16
38	5000023	4	WASH\FLAT\5/16
39	5000024	2	WASH\LOCK\1/4
40	5000071	2	WASH\LOCK;STAR\#10
41	5200009	30	FLAIL\BB\8
42	6100002	2	SPRING\COMP\.072W\11/16OD\2-1/8LONG
43	6200007	1	KEY\SQ\3/8X1-1/2
44	7500223	30	BUSHING\FAIL
45	7501045	2	LATCH\ADJ\OTC\4" GRIP
46	7501049	2	CUSH\RBBR\7/8"ODX1/2"T
47	7501050	2	PLATE\SICKLE
48	8100036	1	MNT\MTR\HYD
49	8100762	1	RTR\FLAIL\78\256II
50	8100763	5	BAR\SLUG\ADJ
51	8100765	1	SHFT\ADJ\SLUGBAR
52	8100775	1	SHREADER
53	8100777	1	BRKT\BRG\FRONT\SLUGBAR
54	8100778	1	BRKT\BRG\REAR\RTR
55	8100789	1	HANDLE\ADJ\SLUGBAR
56	8100792	1	SHLD\BRG\REAR\
57	8100793	1	CHNNL\STRIPPER\SHREADER
58	8100795	1	DOOR\SHREADER
59	8100809	1	BRKT\BRG\REAR\SLUGBAR
60	8100817	1	BRK\LATCH\SHLD\PTO
61	8100820	1	BRKT\HANDLE\LATCH
62	8100822	1	SPACER\LATCH\SLUGBAR


52
9
32
32
34
20
12
39
24
9
32
34
20
31
27
42
60
32
5
33
35
23
16
47
30
48
18
46
40
29

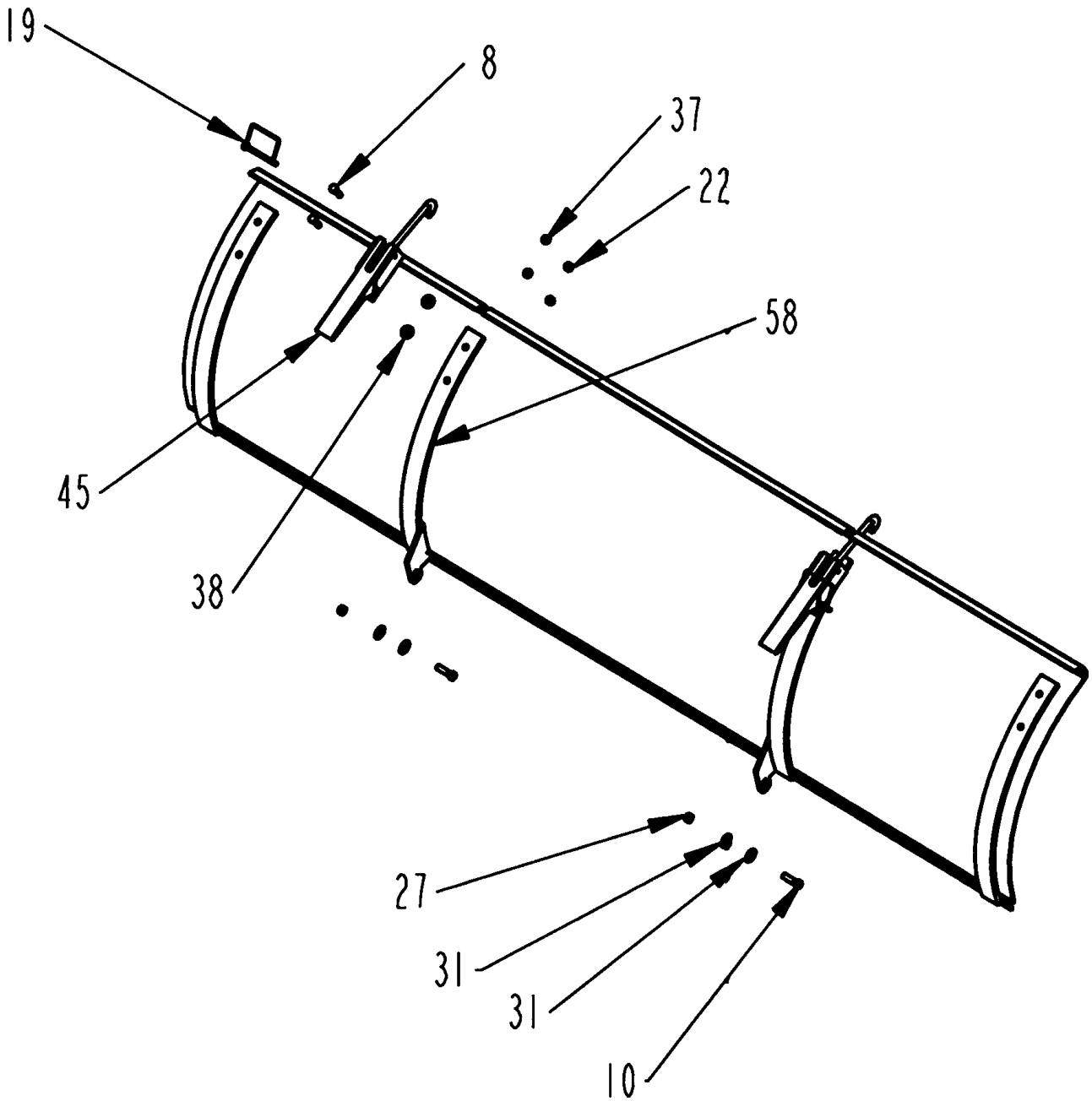
ITEM	PART	QTY.	PART DESCRIPTION
1	2000514	2	BRG\PB\1-3/4\2BOLT\MALLEABLE
2	2000813	1	CLLR\SHFT\1-1/2\SET
3	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
4	4800018	8	BOLT\HEX\1/2X1-1/4
5	4800033	4	BOLT\HEX\3/4X2
6	4800034	1	BOLT\HEX\3/8X1-1/2
7	4800070	4	BOLT\HEX\1/2X2-1/2
8	4800071	4	BOLT\HEX\5/16X1-1/4
9	4800082	14	BOLT\HEX\1/2X1-1/2
10	4800098	2	BOLT\HEX\3/8X1-1/4\NC
11	4800100	30	BOLT\HEX\5/8X4
12	4800101	2	BOLT\HEX\1/4X2-1/2
13	4800114	2	BOLT\HEX\1/2X2
14	4800142	2	BOLT\HEX\3/8X1-3/4
15	4800143	2	SCR\SET\ALN\3/8X3/8\NC
16	4800220	4	SCR\RD\SLOT\3/16x3/4\nc
17	4800483	5	BOLT\CRG\5/8X2\NC
18	4800587	2	SCR\RD\SLOT\#10-24X1
19	4800911	2	PIN\LYNCH\1/4X2-1/2\
20	4900001	28	NUT\HEX\1/2\NC
21	4900002	3	NUT\HEX\3/8\NC
22	4900003	4	NUT\HEX\5/16\NC
23	4900004	4	NUT\HEX\3/4\NC
24	4900009	2	NUT\HEX\1/4\NC
25	4900012	35	NUT\TPLCK\5/8\NC
26	4900014	2	NUT\TPLCK\1/2\NC
27	4900023	3	NUT\TPLCK\3/8\NC
28	4900032	1	NUT\WING\3/8\NC
29	4900072	2	NUT\HEX\#10\NC
30	4900146	4	NUT\TPLCK\#12\NC
31	5000001	8	WASH\FLAT\3/8
32	5000004	46	WASH\FLAT\1/2
33	5000005	4	WASH\FLAT\3/4
34	5000006	28	WASH\LOCK\1/2
35	5000012	4	WASH\LOCK\3/4
36	5000019	3	WASH\LOCK\3/8
37	5000022	4	WASH\LOCK\5/16
38	5000023	4	WASH\FLAT\5/16
39	5000024	2	WASH\LOCK\1/4
40	5000071	2	WASH\LOCK;STAR\#10
41	5200009	30	FLAIL\BB\8
42	6100002	2	SPRING\COMP\.072W\11/16OD\2-1/8LONG
43	6200007	1	KEY\SQ\3/8X1-1/2
44	7500223	30	BUSHING\FAIL
45	7501045	2	LATCH\ADJ\OTC\4" GRIP
46	7501049	2	CUSH\RBBR\7/8"ODX1/2"T
47	7501050	2	PLATE\SICKLE
48	8100036	1	MNT\MTR\HYD
49	8100762	1	RTR\FLAIL\78\256II
50	8100763	5	BAR\SLUG\ADJ
51	8100765	1	SHFT\ADJ\SLUGBAR
52	8100775	1	SHREADER
53	8100777	1	BRKT\BRG\FRONT\SLUGBAR
54	8100778	1	BRKT\BRG\REAR\RTR
55	8100789	1	HANDLE\ADJ\SLUGBAR
56	8100792	1	SHLD\BRG\REAR\
57	8100793	1	CHNNL\STRIPPER\SHREADER
58	8100795	1	DOOR\SHREADER
59	8100809	1	BRKT\BRG\REAR\SLUGBAR
60	8100817	1	BRK\LATCH\SHLD\PTO
61	8100820	1	BRKT\HANDLE\LATCH
62	8100822	1	SPACER\LATCH\SLUGBAR


15
21
36
42
55
21
36
14
15
53
14
43
61
62
34
20
51
9
32
3
50
17
25
3
9
32
59
34
20
2

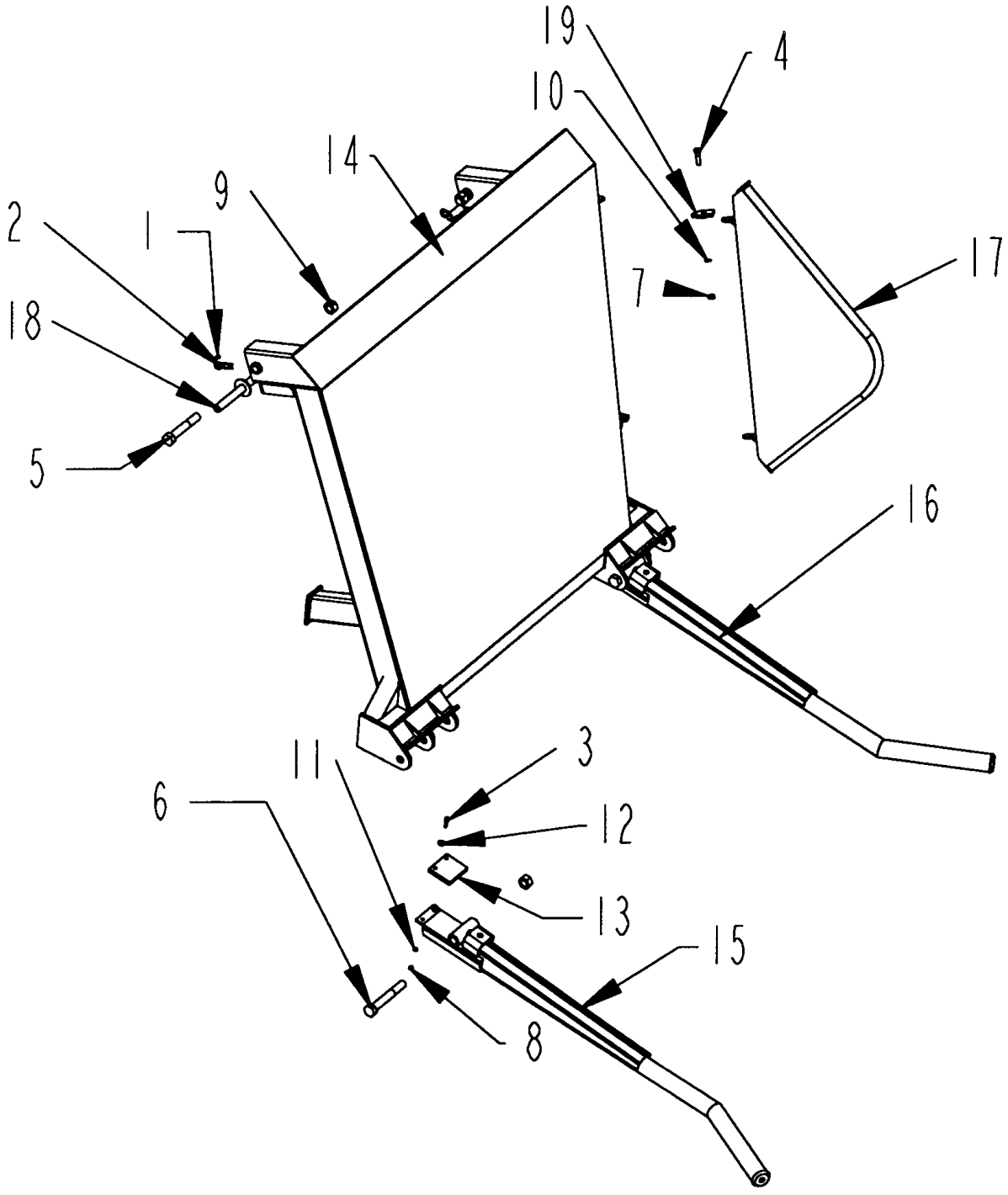
ITEM	PART	QTY.	PART DESCRIPTION
1	2000514	2	BRG\PB\1-3/4\2BOLT\MALLEABLE
2	2000813	1	CLLR\SHFT\1-1/2\SET
3	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
4	4800018	8	BOLT\HEX\1/2X1-1/4
5	4800033	4	BOLT\HEX\3/4X2
6	4800034	1	BOLT\HEX\3/8X1-1/2
7	4800070	4	BOLT\HEX\1/2X2-1/2
8	4800071	4	BOLT\HEX\5/16X1-1/4
9	4800082	14	BOLT\HEX\1/2X1-1/2
10	4800098	2	BOLT\HEX\3/8X1-1/4\NC
11	4800100	30	BOLT\HEX\5/8X4
12	4800101	2	BOLT\HEX\1/4X2-1/2
13	4800114	2	BOLT\HEX\1/2X2
14	4800142	2	BOLT\HEX\3/8X1-3/4
15	4800143	2	SCR\SET\ALN\3/8X3/8\NC
16	4800220	4	SCR\RD\SLOT\3/16x3/4\nc
17	4800483	5	BOLT\CRG\5/8X2\NC
18	4800587	2	SCR\RD\SLOT\#10-24X1
19	4800911	2	PIN\LYNCH\1/4X2-1/2\
20	4900001	28	NUT\HEX\1/2\NC
21	4900002	3	NUT\HEX\3/8\NC
22	4900003	4	NUT\HEX\5/16\NC
23	4900004	4	NUT\HEX\3/4\NC
24	4900009	2	NUT\HEX\1/4\NC
25	4900012	35	NUT\TPLCK\5/8\NC
26	4900014	2	NUT\TPLCK\1/2\NC
27	4900023	3	NUT\TPLCK\3/8\NC
28	4900032	1	NUT\WING\3/8\NC
29	4900072	2	NUT\HEX\#10\NC
30	4900146	4	NUT\TPLCK\#12\NC
31	5000001	8	WASH\FLAT\3/8
32	5000004	46	WASH\FLAT\1/2
33	5000005	4	WASH\FLAT\3/4
34	5000006	28	WASH\LOCK\1/2
35	5000012	4	WASH\LOCK\3/4
36	5000019	3	WASH\LOCK\3/8
37	5000022	4	WASH\LOCK\5/16
38	5000023	4	WASH\FLAT\5/16
39	5000024	2	WASH\LOCK\1/4
40	5000071	2	WASH\LOCK;STAR\#10
41	5200009	30	FLAIL\BB\8
42	6100002	2	SPRING\COMP\.072W\11/16OD\2-1/8LONG
43	6200007	1	KEY\SQ\3/8X1-1/2
44	7500223	30	BUSHING\FAIL
45	7501045	2	LATCH\ADJ\OTC\4" GRIP
46	7501049	2	CUSH\RBBR\7/8"ODX1/2"T
47	7501050	2	PLATE\SICKLE
48	8100036	1	MNT\MTR\HYD
49	8100762	1	RTR\FLAIL\78\256II
50	8100763	5	BAR\SLUG\ADJ
51	8100765	1	SHFT\ADJ\SLUGBAR
52	8100775	1	SHREADER
53	8100777	1	BRKT\BRG\FRONT\SLUGBAR
54	8100778	1	BRKT\BRG\REAR\RTR
55	8100789	1	HANDLE\ADJ\SLUGBAR
56	8100792	1	SHLD\BRG\REAR\
57	8100793	1	CHNNL\STRIPPER\SHREADER
58	8100795	1	DOOR\SHREADER
59	8100809	1	BRKT\BRG\REAR\SLUGBAR
60	8100817	1	BRK\LATCH\SHLD\PTO
61	8100820	1	BRKT\HANDLE\LATCH
62	8100822	1	SPACER\LATCH\SLUGBAR


20
34
32
1
32
7
49
11
41
44
25
13
20
34
32
16
32
26
4
54
34
20
30
47
32
6
31
36
21
31
31
28
56
7
20
34
32

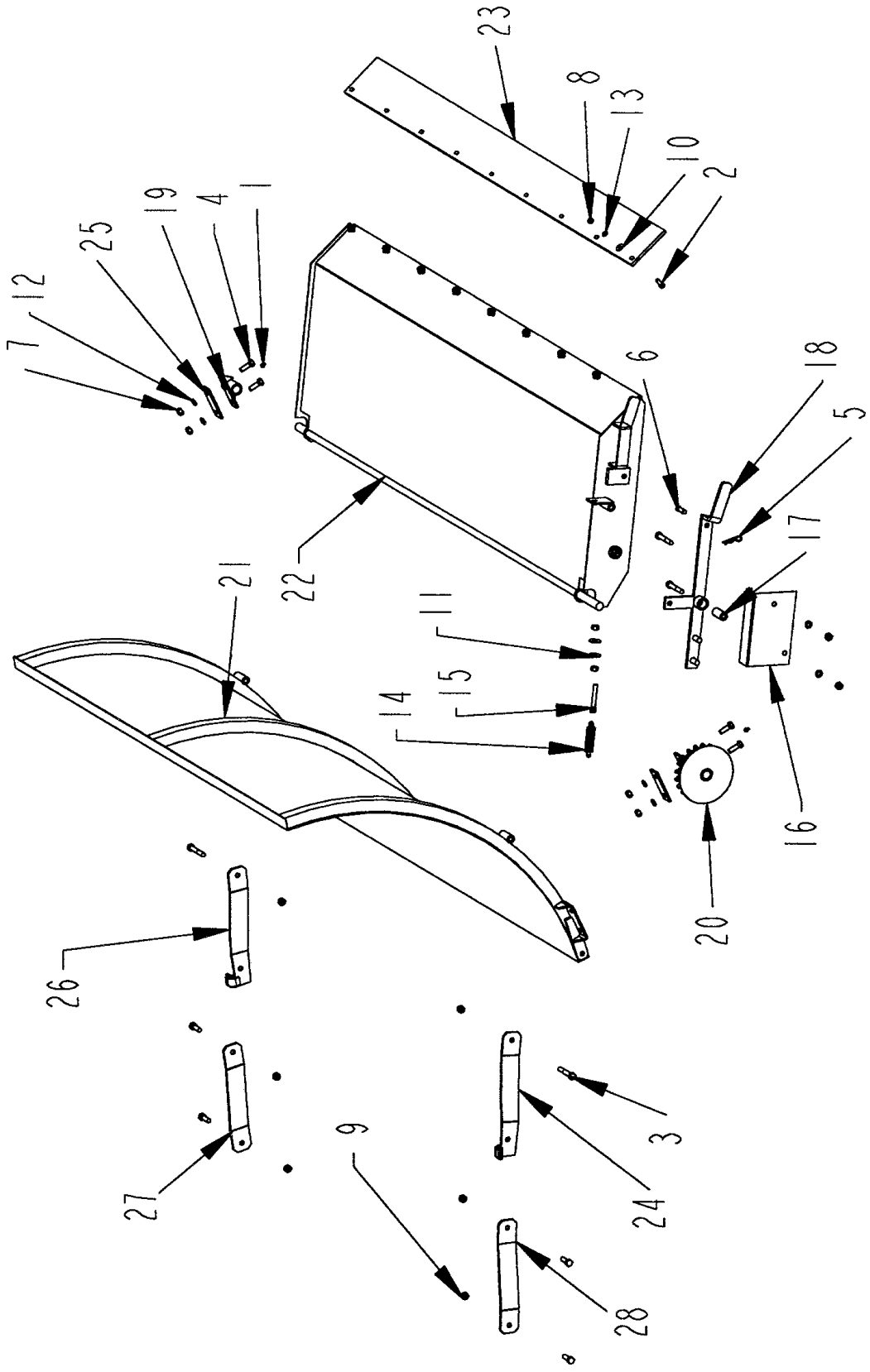
ITEM	PART	QTY.	PART DESCRIPTION
1	2000514	2	BRG\PB\1-3/4\2BOLT\MALLEABLE
2	2000813	1	CLLR\SHFT\1-1/2\SET
3	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
4	4800018	8	BOLT\HEX\1/2X1-1/4
5	4800033	4	BOLT\HEX\3/4X2
6	4800034	1	BOLT\HEX\3/8X1-1/2
7	4800070	4	BOLT\HEX\1/2X2-1/2
8	4800071	4	BOLT\HEX\5/16X1-1/4
9	4800082	14	BOLT\HEX\1/2X1-1/2
10	4800098	2	BOLT\HEX\3/8X1-1/4\NC
11	4800100	30	BOLT\HEX\5/8X4
12	4800101	2	BOLT\HEX\1/4X2-1/2
13	4800114	2	BOLT\HEX\1/2X2
14	4800142	2	BOLT\HEX\3/8X1-3/4
15	4800143	2	SCR\SET\ALN\3/8X3/8\NC
16	4800220	4	SCR\RD\SLOT\3/16x3/4\nc
17	4800483	5	BOLT\CRG\5/8X2\NC
18	4800587	2	SCR\RD\SLOT\#10-24X1
19	4800911	2	PIN\LYNCH\1/4X2-1/2\
20	4900001	28	NUT\HEX\1/2\NC
21	4900002	3	NUT\HEX\3/8\NC
22	4900003	4	NUT\HEX\5/16\NC
23	4900004	4	NUT\HEX\3/4\NC
24	4900009	2	NUT\HEX\1/4\NC
25	4900012	35	NUT\TPLCK\5/8\NC
26	4900014	2	NUT\TPLCK\1/2\NC
27	4900023	3	NUT\TPLCK\3/8\NC
28	4900032	1	NUT\WING\3/8\NC
29	4900072	2	NUT\HEX\#10\NC
30	4900146	4	NUT\TPLCK\#12\NC
31	5000001	8	WASH\FLAT\3/8
32	5000004	46	WASH\FLAT\1/2
33	5000005	4	WASH\FLAT\3/4
34	5000006	28	WASH\LOCK\1/2
35	5000012	4	WASH\LOCK\3/4
36	5000019	3	WASH\LOCK\3/8
37	5000022	4	WASH\LOCK\5/16
38	5000023	4	WASH\FLAT\5/16
39	5000024	2	WASH\LOCK\1/4
40	5000071	2	WASH\LOCK;STAR\#10
41	5200009	30	FLAIL\BB\8
42	6100002	2	SPRING\COMP\.072W\11/16OD\2-1/8LONG
43	6200007	1	KEY\SQ\3/8X1-1/2
44	7500223	30	BUSHING\FAIL
45	7501045	2	LATCH\ADJ\OTC\4" GRIP
46	7501049	2	CUSH\RBBR\7/8"ODX1/2"T
47	7501050	2	PLATE\SICKLE
48	8100036	1	MNT\MTR\HYD
49	8100762	1	RTR\FLAIL\78\256II
50	8100763	5	BAR\SLUG\ADJ
51	8100765	1	SHFT\ADJ\SLUGBAR
52	8100775	1	SHREADER
53	8100777	1	BRKT\BRG\FRONT\SLUGBAR
54	8100778	1	BRKT\BRG\REAR\RTR
55	8100789	1	HANDLE\ADJ\SLUGBAR
56	8100792	1	SHLD\BRG\REAR\
57	8100793	1	CHNNL\STRIPPER\SHREADER
58	8100795	1	DOOR\SHREADER
59	8100809	1	BRKT\BRG\REAR\SLUGBAR
60	8100817	1	BRK\LATCH\SHLD\PTO
61	8100820	1	BRKT\HANDLE\LATCH
62	8100822	1	SPACER\LATCH\SLUGBAR


19
8
37
22
58
45
38
27
31
31
10

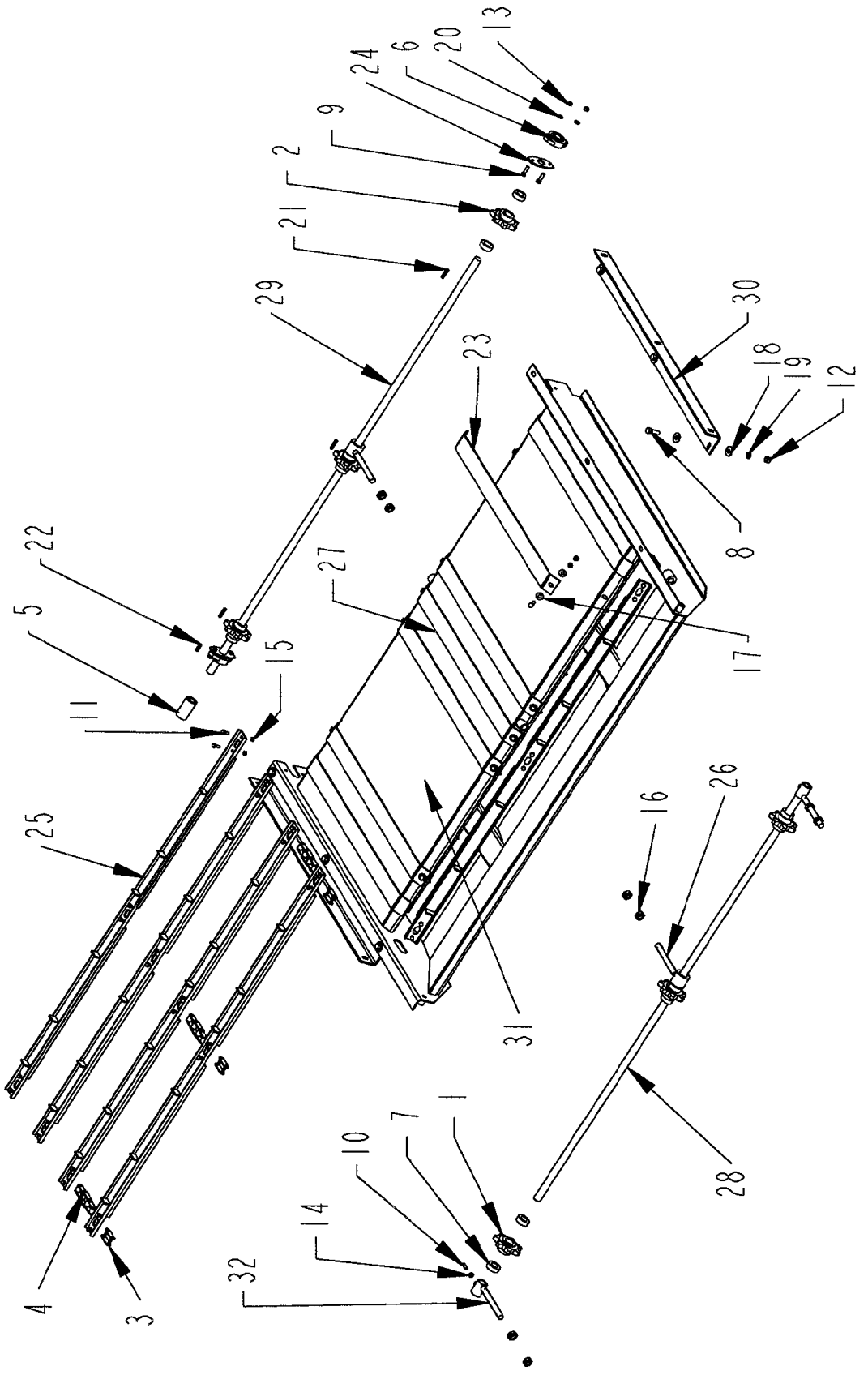
ITEM	PART	QTY.	PART DESCRIPTION
1	2000514	2	BRG\PB\1-3/4\2BOLT\MALLEABLE
2	2000813	1	CLLR\SHFT\1-1/2\SET
3	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
4	4800018	8	BOLT\HEX\1/2X1-1/4
5	4800033	4	BOLT\HEX\3/4X2
6	4800034	1	BOLT\HEX\3/8X1-1/2
7	4800070	4	BOLT\HEX\1/2X2-1/2
8	4800071	4	BOLT\HEX\5/16X1-1/4
9	4800082	14	BOLT\HEX\1/2X1-1/2
10	4800098	2	BOLT\HEX\3/8X1-1/4\NC
11	4800100	30	BOLT\HEX\5/8X4
12	4800101	2	BOLT\HEX\1/4X2-1/2
13	4800114	2	BOLT\HEX\1/2X2
14	4800142	2	BOLT\HEX\3/8X1-3/4
15	4800143	2	SCR\SET\ALN\3/8X3/8\NC
16	4800220	4	SCR\RD\SLOT\3/16x3/4\nc
17	4800483	5	BOLT\CRG\5/8X2\NC
18	4800587	2	SCR\RD\SLOT\#10-24X1
19	4800911	2	PIN\LYNCH\1/4X2-1/2\
20	4900001	28	NUT\HEX\1/2\NC
21	4900002	3	NUT\HEX\3/8\NC
22	4900003	4	NUT\HEX\5/16\NC
23	4900004	4	NUT\HEX\3/4\NC
24	4900009	2	NUT\HEX\1/4\NC
25	4900012	35	NUT\TPLCK\5/8\NC
26	4900014	2	NUT\TPLCK\1/2\NC
27	4900023	3	NUT\TPLCK\3/8\NC
28	4900032	1	NUT\WING\3/8\NC
29	4900072	2	NUT\HEX\#10\NC
30	4900146	4	NUT\TPLCK\#12\NC
31	5000001	8	WASH\FLAT\3/8
32	5000004	46	WASH\FLAT\1/2
33	5000005	4	WASH\FLAT\3/4
34	5000006	28	WASH\LOCK\1/2
35	5000012	4	WASH\LOCK\3/4
36	5000019	3	WASH\LOCK\3/8
37	5000022	4	WASH\LOCK\5/16
38	5000023	4	WASH\FLAT\5/16
39	5000024	2	WASH\LOCK\1/4
40	5000071	2	WASH\LOCK;STAR\#10
41	5200009	30	FLAIL\BB\8
42	6100002	2	SPRING\COMP\.072W\11/16OD\2-1/8LONG
43	6200007	1	KEY\SQ\3/8X1-1/2
44	7500223	30	BUSHING\FAIL
45	7501045	2	LATCH\ADJ\OTC\4" GRIP
46	7501049	2	CUSH\RBBR\7/8"ODX1/2"T
47	7501050	2	PLATE\SICKLE
48	8100036	1	MNT\MTR\HYD
49	8100762	1	RTR\FLAIL\78\256II
50	8100763	5	BAR\SLUG\ADJ
51	8100765	1	SHFT\ADJ\SLUGBAR
52	8100775	1	SHREADER
53	8100777	1	BRKT\BRG\FRONT\SLUGBAR
54	8100778	1	BRKT\BRG\REAR\RTR
55	8100789	1	HANDLE\ADJ\SLUGBAR
56	8100792	1	SHLD\BRG\REAR\
57	8100793	1	CHNNL\STRIPPER\SHREADER
58	8100795	1	DOOR\SHREADER
59	8100809	1	BRKT\BRG\REAR\SLUGBAR
60	8100817	1	BRK\LATCH\SHLD\PTO
61	8100820	1	BRKT\HANDLE\LATCH
62	8100822	1	SPACER\LATCH\SLUGBAR


19
4
10
14
9
2
1
17
7
18
5
16
11
3
6
12
13
15
8

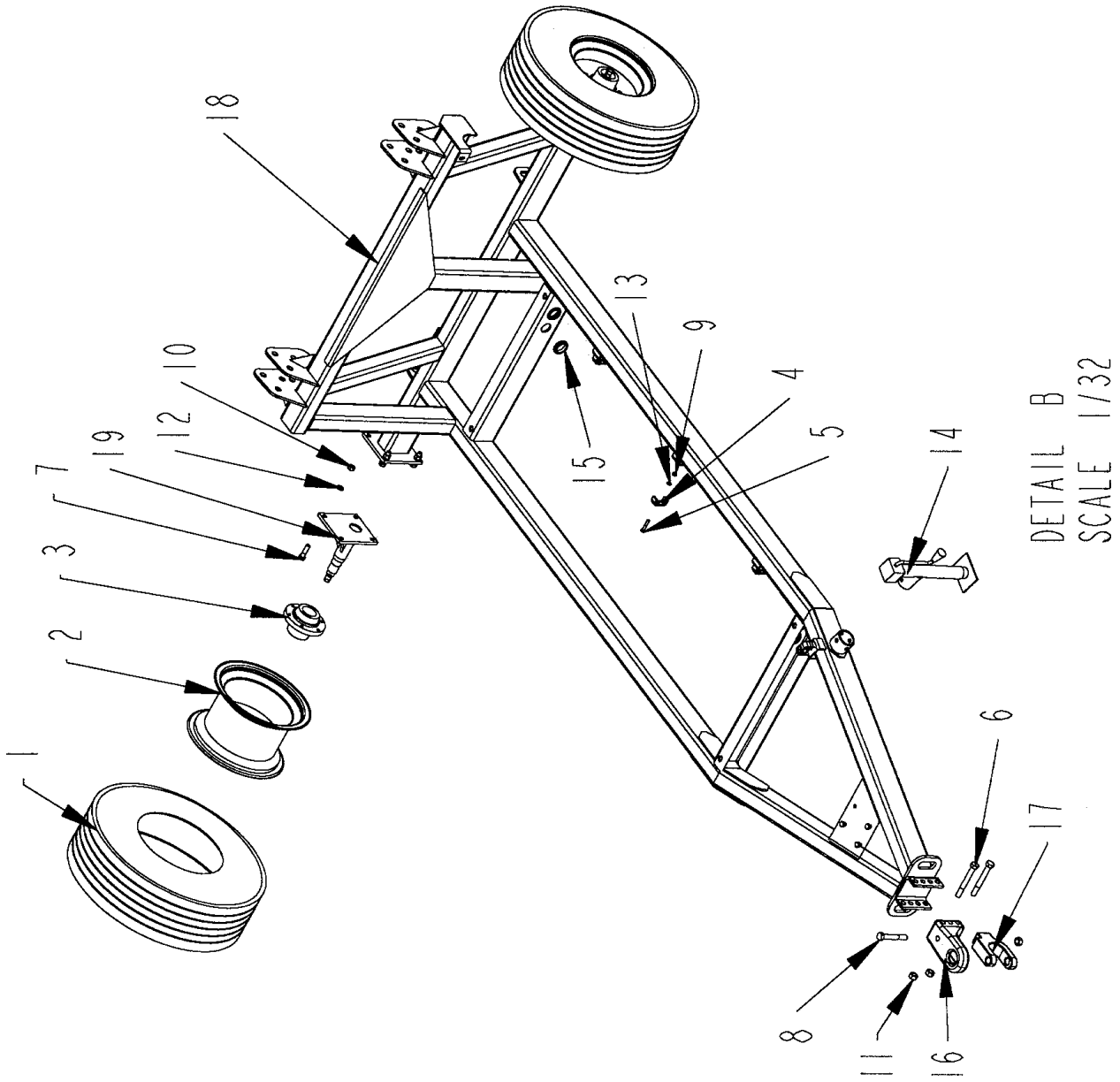
ITEM	PART	QTY.	PART DESCRIPTION
1	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
2	4800178	2	BOLT\HEX\1/2X1-3/4
3	4800056	2	PIN\HAIR\3/16(#3)
4	4800071	4	BOLT\HEX\5/16X1-1/4
5	4800187	2	BOLT\HEX\1X6
6	4800471	2	BOLT\HEX\1X7\NC
7	4900001	2	NUT\HEX\1/2\NC
8	4900003	4	NUT\HEX\5/16\NC
9	4900127	4	NUT\TPLCK\1\NC
10	5000006	2	WASH\LOCK\1/2
11	5000022	4	WASH\LOCK\5/16
12	5000023	4	WASH\FLAT\5/16
13	8100180	2	BELT\TINE\LOADER
14	8100764	1	LOADER\2620
15	8100769	1	TINE\LEFT\2620
16	8100770	1	TINE\RIGHT\2620
17	8100787	1	WING\LOADER
18	8100794	2	PIN\LOCK\TRANSPORT
19	8100942	2	BRKT\WING\LOADER\2620
	8101158		**UPDATE\KIT\2620**


23
8
13
10
2
19
4
1
25
12
7
6
18
5
22
17
21
11
14
15
16
20
26
27
9
3
24
28

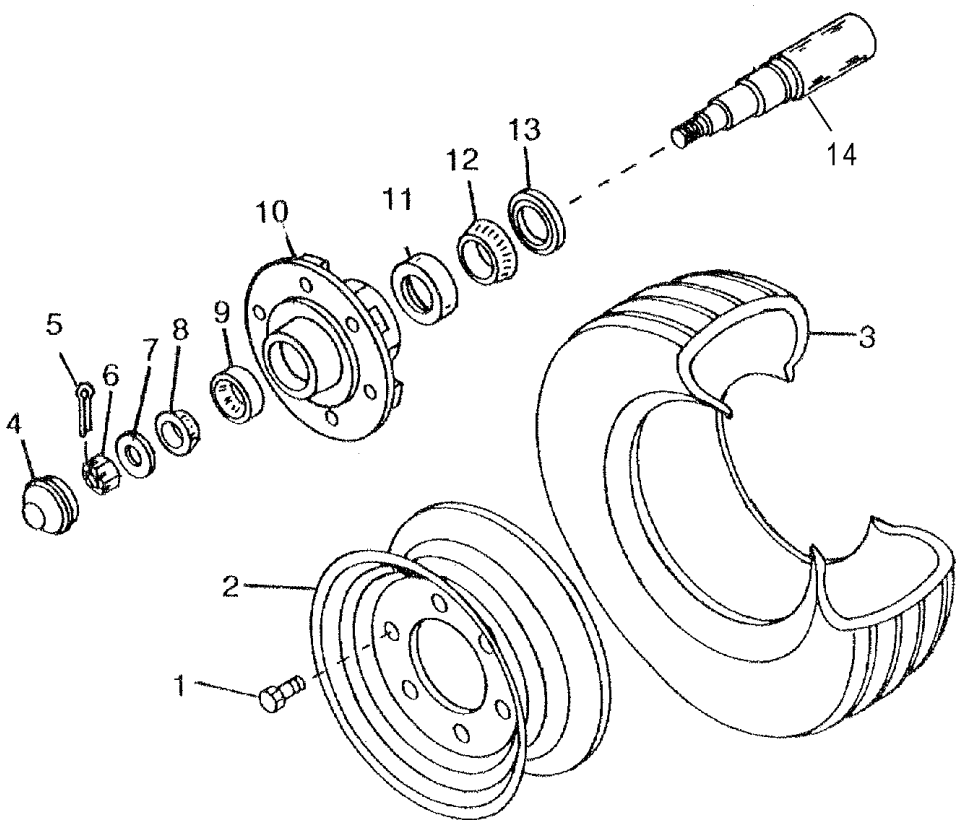
ITEM	PART	QTY.	PART DESCRIPTION
1	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
2	4800003	9	BOLT\HEX\3/8X1
3	4800068	4	BOLT\HEX\1/2X3
4	4800082	8	BOLT\HEX\1/2X1-1/2
5	4800107	1	PIN\HAIR\1/8(#9)
6	4800610	1	PIN\CLEVIS\1/2X1-1/2
7	4900001	8	NUT\HEX\1/2\NC
8	4900002	9	NUT\HEX\3/8\NC
9	4900014	6	NUT\TPLCK\1/2\NC
10	5000001	9	WASH\FLAT\3/8
11	5000004	2	WASH\FLAT\1/2
12	5000006	6	WASH\LOCK\1/2
13	5000019	9	WASH\LOCK\3/8
14	6100036	1	1 O.D. X 4-5/16 SPRING
15	7500812	1	ROD\ARM
16	8100726	1	SHLD\LATCH\DFLCTR
17	8100727	1	BSHNG\LATCH\DFLCTR
18	8100750	1	BRACKET\LATCH\DFLCTR\11
19	8100751	1	MNT\REAR\DFLCTR\11
20	8100752	1	MNT\FRONT\W-SPROCKET\11
21	8100784	1	RACK\CURVED\70-1/4
22	8100785	1	DFLCTR\00
23	8100791	1	BELT\DFLCTR\73-3/4
24	8100807	1	STRAP\RACK\FRONT
25	8100808	2	SHIM\FLAT\DEFLECTOR
26	8100813	1	STRAP\RACK\REAR
27	8100825	1	RACK STRAP REAR
28	8100826	1	RACK STRAP (FRONT)


13
20
6
24
9
2
21
29
30
23
18
19
12
8
22
27
5
15
17
11
25
16
26
31
10
7
1
28
14
32
4
3

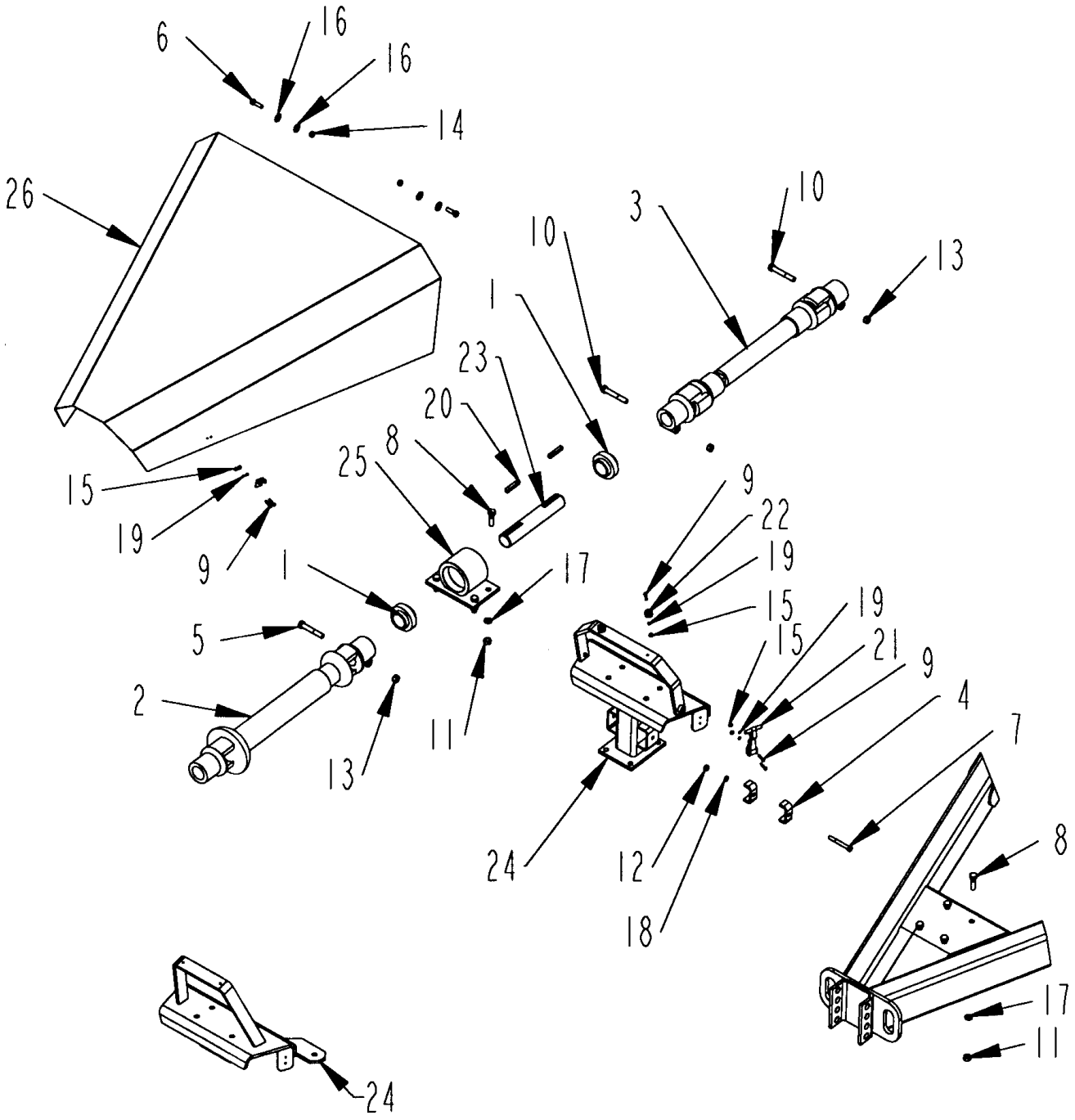
ITEM	PART	QTY.	PART DESCRIPTION
1	1000088	3	SPKT\662\7\1\IDLER\CA
2	1000089	3	SPKT\662\7\1\1/4KW\DR
3	1100103	3	CHAIN\620CA\CL
4	1100150	3	CHAIN\620CA\53\W/ATTCH
5	1400586	1	COUPLER\SHAFT\1" ID\3" LONG
5A	4800421	4	SCR\SET\ALN\5/16X3/8\NC
6	2000310	2	BRG\FLG\CAST\1-1/4\2BOLT
7	2000809	12	CLLOR\SHFT\1\(SET)
8	4800082	6	BOLT\HEX\1/2X1-1/2
9	4800098	14	BOLT\HEX\3/8X1-1/4\NC
10	4800105	1	SCR\SET\ALN\3/8X1\NC
11	4800393	54	BOLT\HEX\5/16X7/8\GR8
12	4900001	6	NUT\HEX\1/2\NC
13	4900002	14	NUT\HEX\3/8\NC
14	4900026	1	NUT\JAM\3/8\NC
15	4900099	54	NUT\TPLCK\5/16\GR8\NC
16	4900104	8	NUT\JAM\3/4\NC
17	5000001	20	WASH\FLAT\3/8
18	5000004	12	WASH\FLAT\1/2
19	5000006	6	WASH\LOCK\1/2
20	5000019	14	WASH\LOCK\3/8
21	6200005	3	KEY\SQ\1/4X1-1/2
22	6200009	1	KEY\SQ\1/4X1-1/8
23	8100171	4	PL\RUB\CHAIN\CNVYR
24	8100449	2	BRKT\SHLD\TWINE
25	8101187	9	SLAT\CNVYR\3CH\256
26	8100585	2	BRKT\SHFT\DRIVE\CNVYR
27	8100590	1	PL\RUB\CHAIN\CNVYR
28	8100779	1	SHFT\IDLER\CNVYR
29	8100780	1	SHFT\DRIVE\75-1/2\CNVYR
30	8100781	2	MNT\CNVYR\3\BRK
31	8101061	1	CNVYR\FRM\70-1/2\HEAVY
32	8100783	2	BRKT\SHAFT\IDLER\CNVYR
	8100799		**CNVYR\ASSY\3CH\70-1/2**


18
10
12
19
7
3
2
1
13
9
4
5
15
14
DETAIL B
SCALE 1/32
6
17
8
11
16

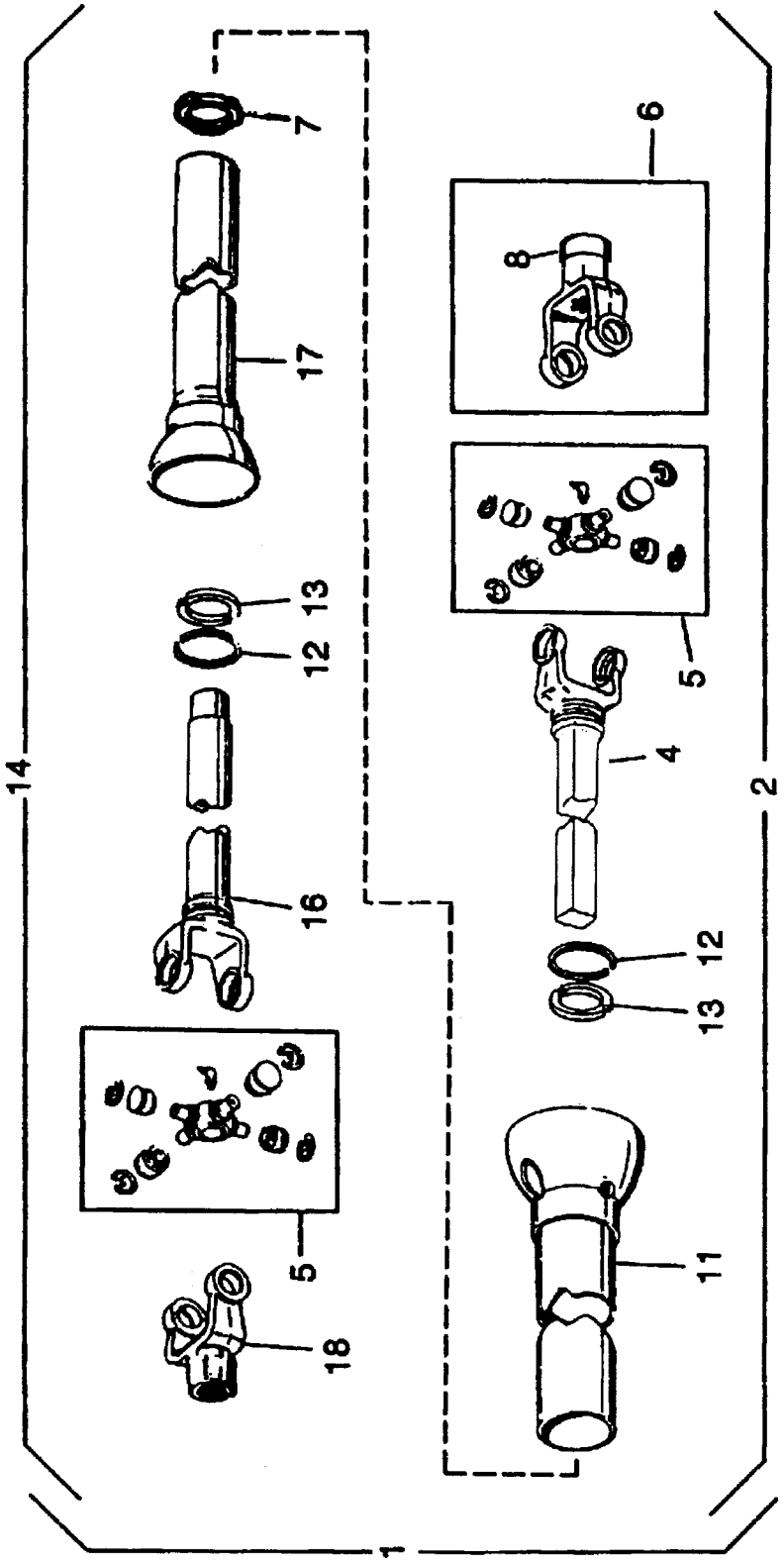
ITEM	PART	QTY.	PART DESCRIPTION
1	2600023	2	9.5LX15 8 PLY TIRE
2	2600624	2	15 X 8 6 BOLT WHEEL
3	2900069	2	HUB\6BOLT\631\COMP
4	4700777	7	CLMP\HOSE\1/2
5	4800146	3	BOLT\HEX\3/8X2
6	4800248	2	BOLT\HEX\3/4X6
7	4800350	8	BOLT\HEX\5/8X2-1/4
8	4800562	1	BOLT\HEX\3/4X5\GR8\NC
9	4900002	5	NUT\HEX\3/8\NC
10	4900005	8	NUT\HEX\5/8\NC
11	4900139	3	NUT\TPLCK\3/4\GR8\NC
12	5000003	8	WASH\LOCK\5/8
13	5000019	5	WASH\LOCK\3/8
14	5800623	1	JACK\5000LB\SWIVEL-STYLE
15	7500360	4	GROMMET 1.75ID X.25MT
16	7501047	1	HITCH\BASE\#3\PPI\1"PIN
17	7501048	1	HITCH\CLEVIS\PPI\1"PIN
18	8100760	1	MAINFRAME
19	8100761	2	SPNDL\BOLT-ON\MNFRM
	5800604	1	WELD ON BELL (2SM10)
Not Shown			
	7500170		HOSE MINDER
OPTION			
	2600044	2	TIRE\10.0X15\8 PLY\RIBIMP


1
2
3
4
5
6
7
8
9
10
11
12
13
14

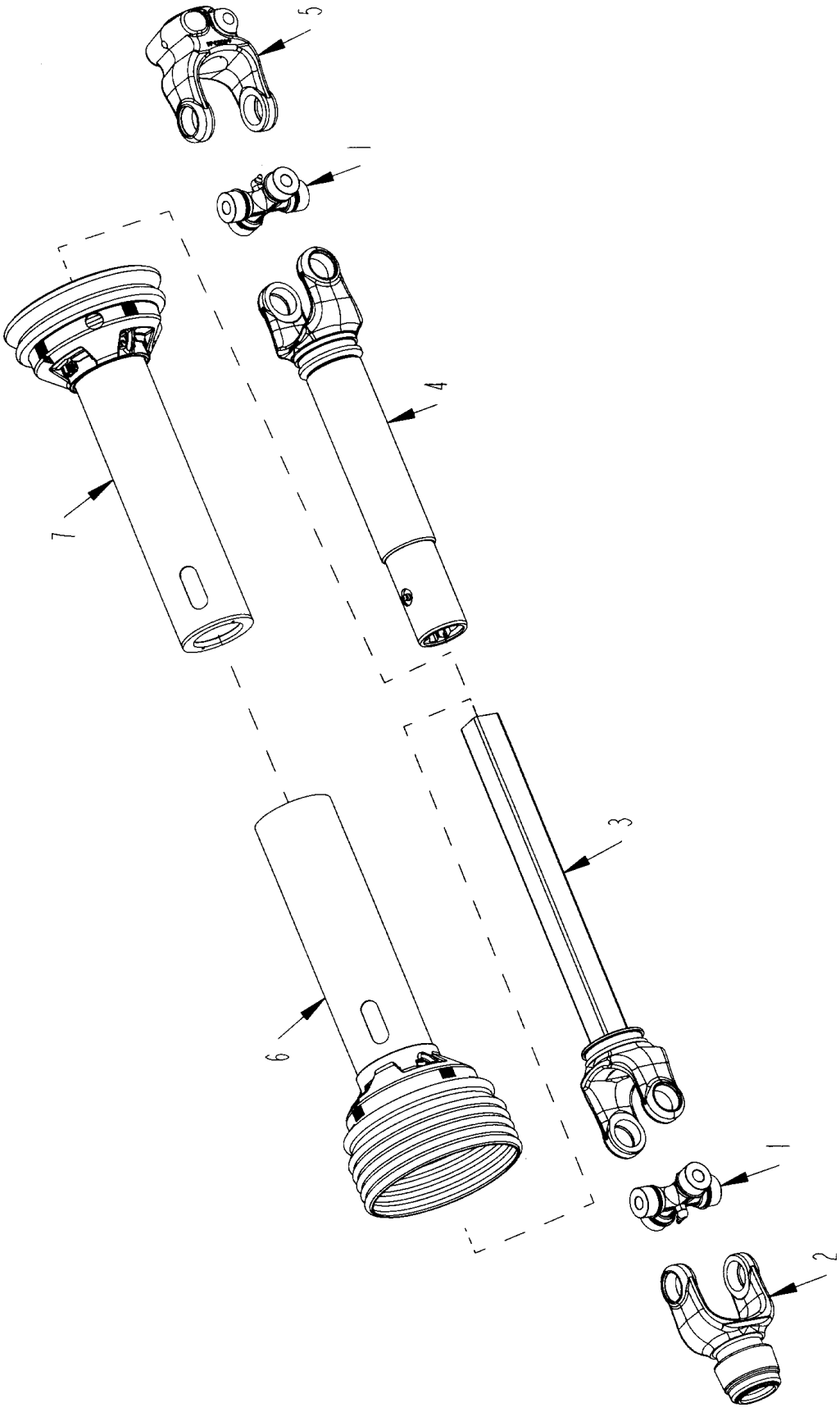
ITEM	PART	QTY.	PART DESCRIPTION
1	2900012	6	Wheel Bolts, Per Hub
2	2600624	2	Wheel, 15” x 10 6-Bolt
3	2600023	2	Tire, 11L x 15
4	2900013	1	Cap
5	4800157	1	Pin\Cot\3/16 x 2
6	4900054	1	Nut, Spindle
7	5000055	1	Washer, 7/8 Flat
8	2900018	1	Cone, Outer
9	2900004	1	Cup, Outer
10	N.A.	1	Order 2900069
11	2900006	1	Cup, Inner
12	2900007	1	Cone, Inner
13	2900008	1	Grease Seal
14			See “Main Frame Assembly”
	2900069	1	Hub Complete


6
16
16
14
26
10
3
10
13
1
23
20
25
8
15
19
9
9
22
19
1
17
15
19
5
15
21
9
2
4
7
13
11
24
12
18
8
17
11
24

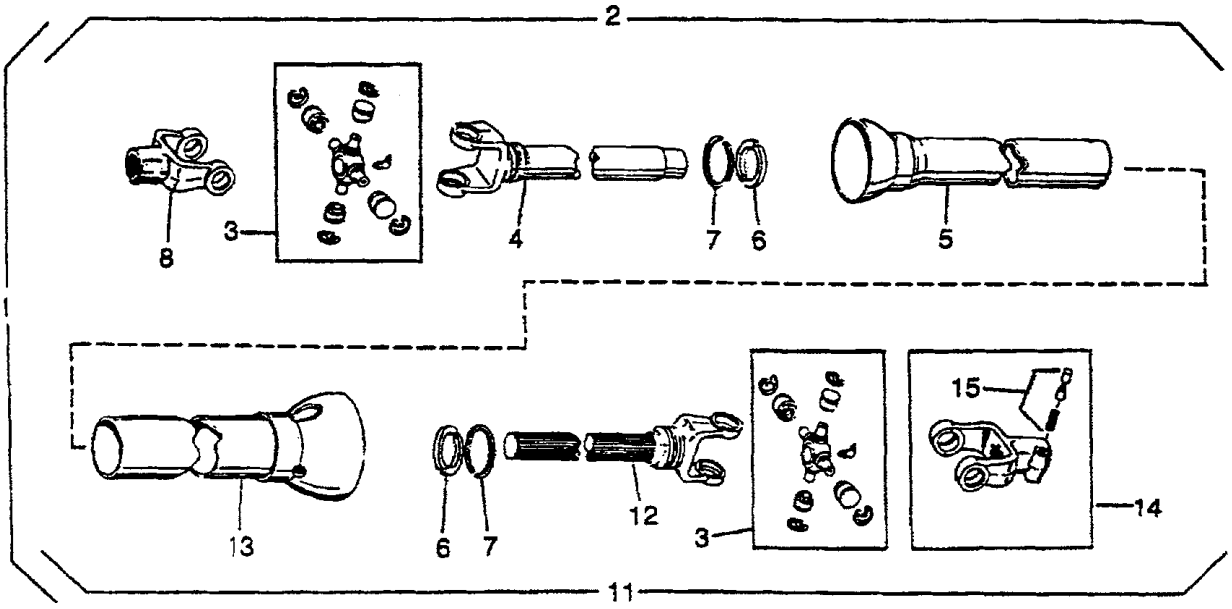
ITEM	PART	QTY.	PART DESCRIPTION
1	2001041	2	BRG\CYL\1-3/4\W-ECC
2	3600077	1	COMPLETE PTO 35W for SN 26JJ010120 to 26AJ085120 (For complete replacement, order 3600334)
2	3600334	1	PTO\252-19210\DS\45 for SN 26AJ085220 and up
3	3600339	1	JOINT\ASSY\55R\TELE\COMP
4	4700777	7	CLMP\HOSE\1/2
5	4800068	1	BOLT\HEX\1/2X3
6	4800098	2	BOLT\HEX\3/8X1-1/4\NC
7	4800156	2	BOLT\HEX\3/8X3
8	4800178	8	BOLT\HEX\1/2X1-3/4
9	4800587	12	SCR\RD\SLOT\#10-24X1
10	4800592	2	BOLT\HEX\1/2X3-1/4
11	4900001	8	NUT\HEX\1/2\NC
12	4900002	5	NUT\HEX\3/8\NC
13	4900014	3	NUT\TPLCK\1/2\NC
14	4900023	2	NUT\TPLCK\3/8\NC
15	4900072	12	NUT\HEX\#10\NC
16	5000001	4	WASH\FLAT\3/8
17	5000006	8	WASH\LOCK\1/2
18	5000019	5	WASH\LOCK\3/8
19	5000071	12	WASH\LOCK;STAR\#10
20	6200020	2	KEY\SQ\3/8X2-1/4\HARDEND
21	7500606	2	LATCH\35-M\AUSTIN
22	7501049	4	CUSH\RBBR\7/8"ODX1/2"T
23	8100597	1	SHAFT\CONVERSION KIT\P.T.O. FRONT
24	8100771	1	BRKT\STD\BRG\CHNNL for SN 26JJ010120 to 26AJ085120
24	8100956		BRKT\STD\BRG\CHNNL for SN 26AJ085220 and up
25	8100772	1	MNT\BRG\PTO
26	8100786	1	SHLD\PTO for SN 26JJ010120 to 26AJ085120
26	8100957	1	SHLD\PTO\46" for SN 26AJ085220 and up
	8100846		MNT\BRG\ASSY\W-ECC includes (2) 2001041 and (1) 8100772


1
2
4
5
6
7
8
11
12
13
14
16
17
18

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	3600334	PTO\252-19210\DS\45 for SN 26AJ085220 and up
2	1	3600361	JOINT & SHAFT ASY W\GUARD
4	1	3600364	YOKE & SHAFT 36-334
5	2	3600115	44R CROSS AND BEARING KIT
6	1	3600363	SLIDE LOCK YOKE ASSY
7	1	3600450	CENTRALIZER 36-334
8	1	3600271	SAFETY SLIDE LOCK REPAIR KIT
11	1	3600366	OUTER GUARD 36-334
12,13	2	3600093	BEARING RETAINER
14	1	3600362	JOINT & TUBE ASSY W\GUARD
16	1	3600368	YOKE,TUBE,SLIP SLEEVE
17	1	3600367	INNER GUARD 36-334
18	1	3600369	YOKE 36-334 2544
18,5		3600393	YOKE\CAST\W\CROSS&BRG


5
1
4
7
3
6
1
2

ITEM	QTY	PART NUMBER	DESCRIPTION
	3600459		PTO\252-21797\44R\PLASTIC GUARD
1	3600115	2	440 CROSS AND BEARING KIT
2	3600363	1	SLIDE LOCK YOKE ASSY
2A	3600390	1	YOKE\44\20SPL\1-3/4 BORE>
3	3600364	1	YOKE & SHAFT 3600334
4	3600368	1	YOKE,TUBE,SLIP SLEEVE
5	3600369	1	YOKE 36-334
6 & 7	3600460	1	GUARD\SET\PTO\3600459\PLASTIC GUARD
	3600462		JOINT & SHAFT ASM W-PLASTIC GUARD (INCLUDES: 1,2,3,6)
	3600463		JOINT & TUBE ASY W-PLASTIC GUARD (INCLUDES: 1,4,5,7)
	3600271		SAFETY SLD LCK REPAIR KIT for 3600363- 1 3/8”
	3600489		NYLON\REPAIR\KIT
	3600532		SAFETY SLD LCK REPAIR KIT for 3600390- 1 3/4”
	3600509		PTO\35R\COMPLETE\PLASTIC GUARD
	3600512		JOINT&TUBE\ASM\W-GRD\MACHINE (INCLUDES 1,4,5,7)
	3600511		JOINT&TUBE\ASM\W-GRD\TRACTOR (INCLUDES 1,2,3,6)
	3600510		GUARD\SET\PTO\360077-360509



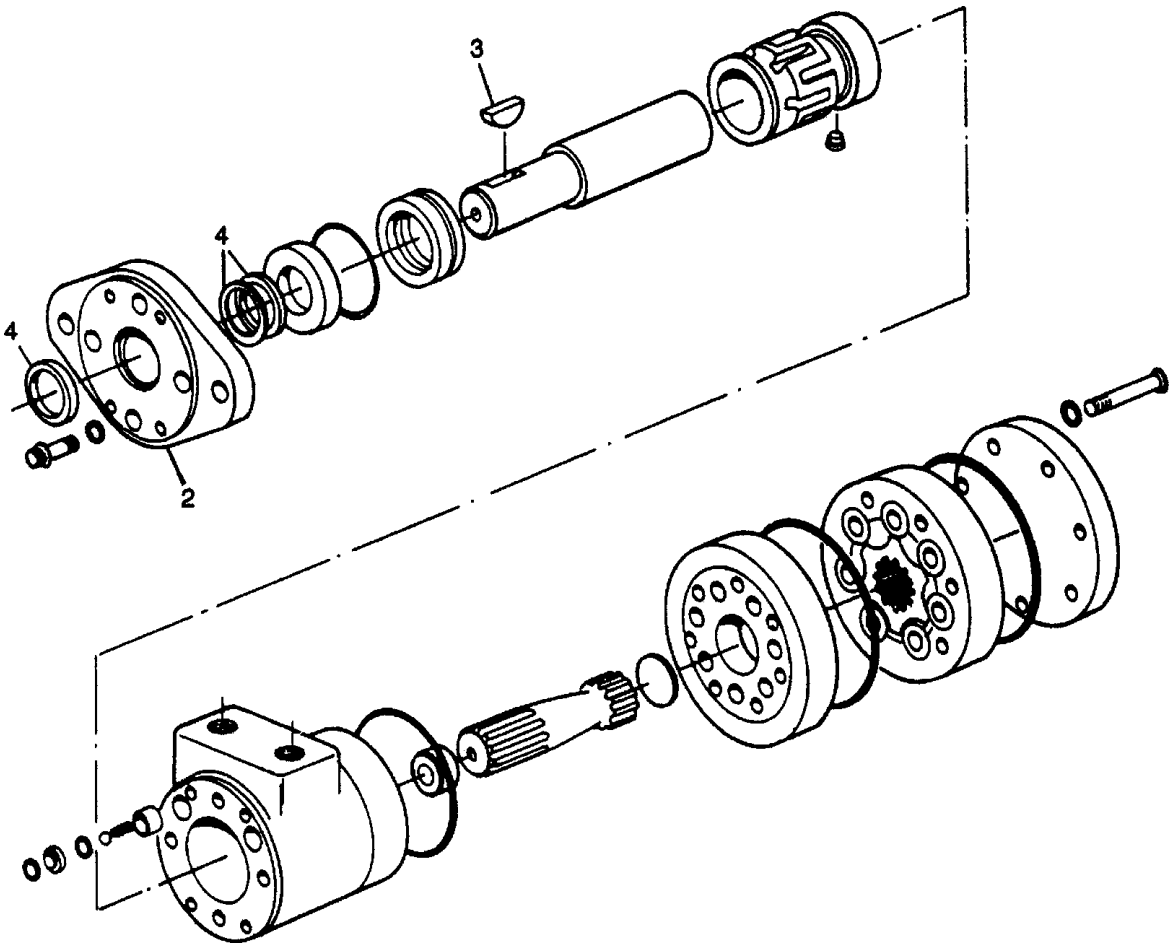
3600077 PTO\COMPLETE\35W\

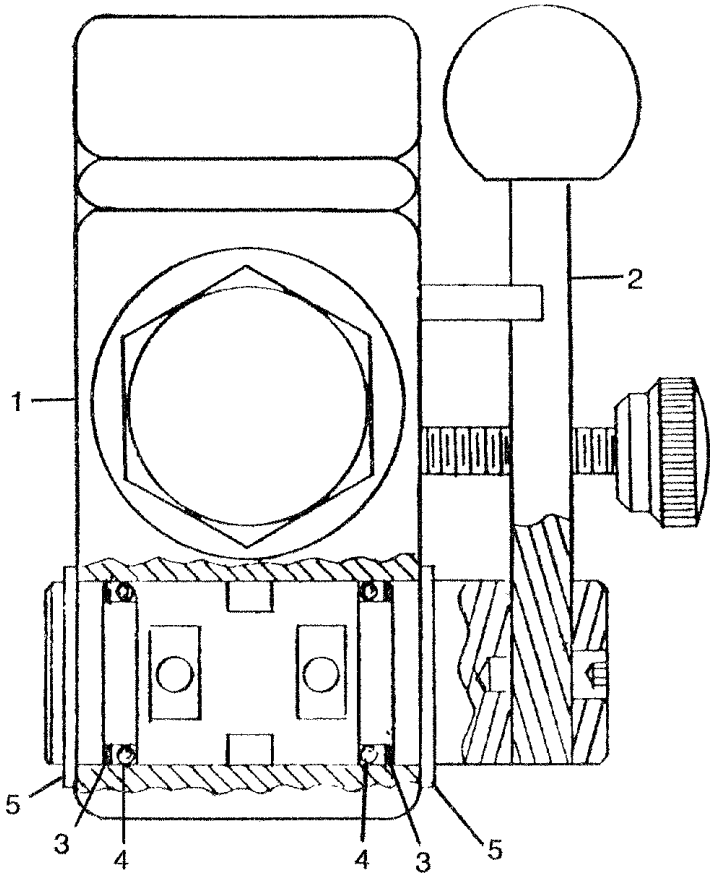
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	3600077	PTO\COMPLETE\35W\256+II
2	1	3600078	PTO\HALF\MACHINE\35W
3	2	3600042	CROSS & BEARING KIT 35
4	1	3600080	YOKE AND TUBE 35W
5	1	3600081	MALE GUARD TUBE,INNER\16-11/16 LONG
6,7	1	3600283	NYLON REPAIR KIT
8	1	3600079	YOKE 35W 1-3/4 RD CLAMP
11	1	3600082	PTO\HALF\TRACTOR\35W
12	1	3600083	YOKE & SHAFT 35W
13	1	3600085	OUTER SHIELD\16-5/16 LONG
14	1	3600084	YOKE 1 3/8 21 SPLINE 35W
15	1	3600056	LOCK PIN & SPRING

3600339 JOINT\ASSY\55R\TELE\COMP

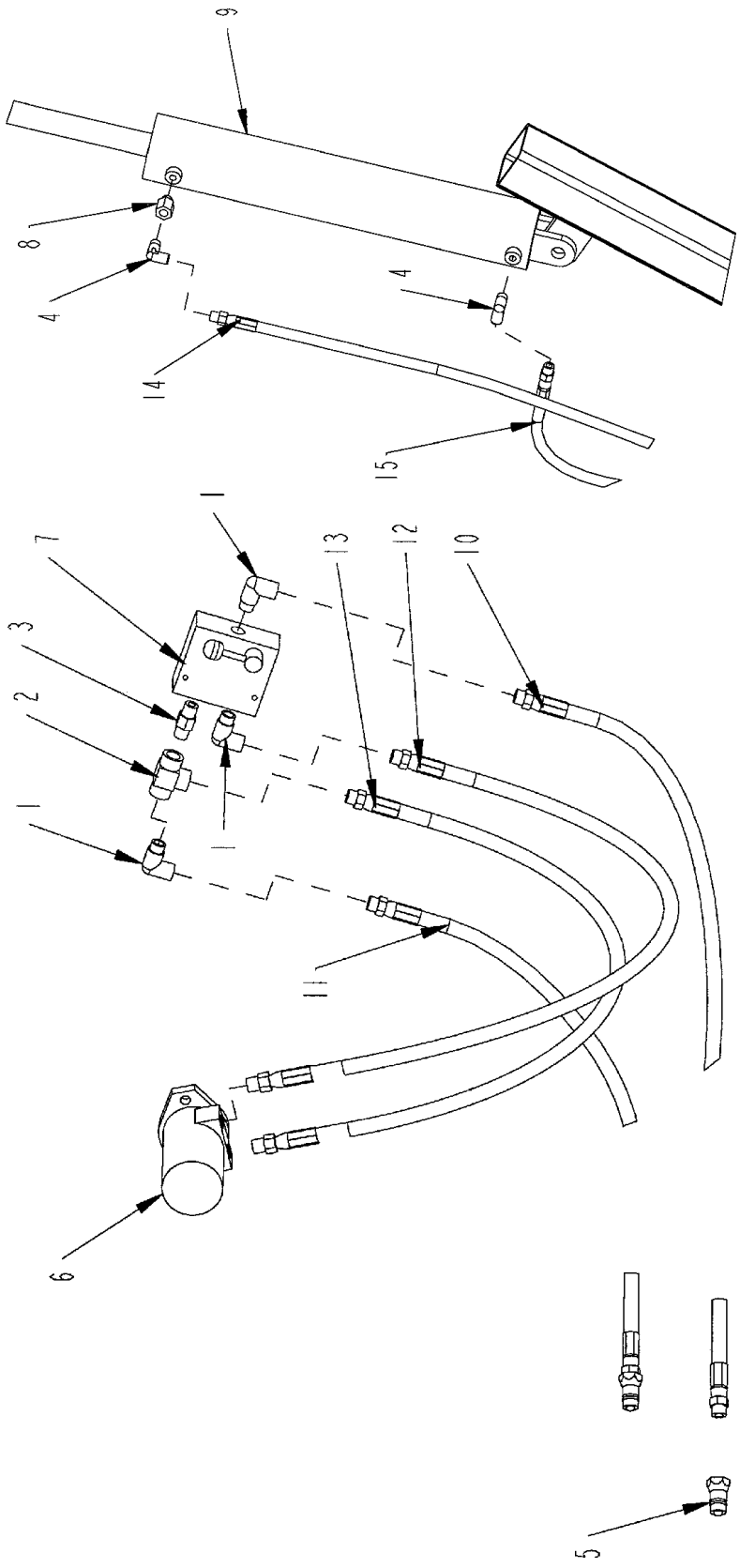
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	**3600339**	JOINT\ASSY\55R\TELE\COMP
2	1	3600341	JOINT\55R\TELESCOPING
3	2	3600013	CROSS & BEARING KIT 55W
4	1	3600344	TELESCOPING YOKE 3600339
11	1	3600340	JOINT\55R\W-SHAFT
12	1	3600343	YOKE & SHAFT FOR 3600339
8, 14	2	3600327	CLAMP YOKE 1-3/4" L55

ITEM	QTY	PART NUMBER	DESCRIPTION
1		3900003	Hydraulic Motor Complete, 207, pipe thread
1		3900025	Mtr\Hyd\17.9\H\A;MNT\7/8for o-ring thread
2	1	3900002	Mounting Flange
3	1	6200011	Key, Woodruff
4	1	7501038	Seal Kit for 3900003 and 3900008



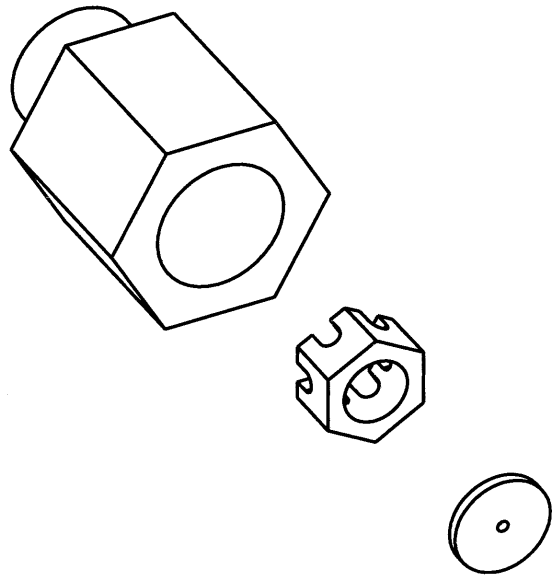

1
2
5
3
4
4
3
5

ITEM	PART NO.	QTY.	DESCRIPTION
1	4000070	1	Flow Control Valve, pipe thread
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


9
8
4
1
4
14
15
1
7
13
12
10
3
2
1
1
11
6
5

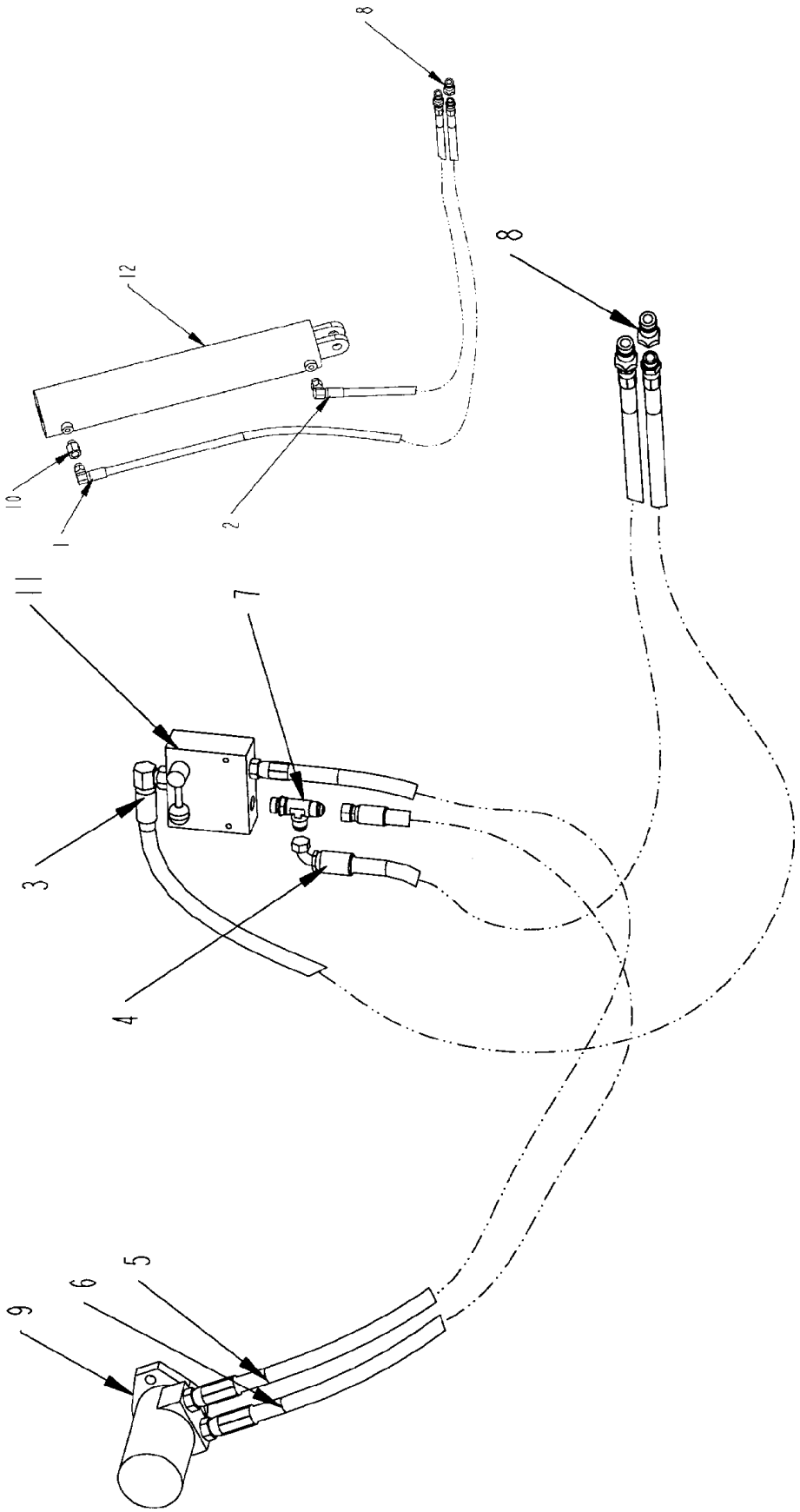
ITEM	PART	QTY.	PART DESCRIPTION
1	3800008	3	FTG\1/2MPX1/2FP\90\ST;EL
2	3800009	1	FTG\1/2FP\TEE
3	3800045	1	FTG\1/2MPX2\NPL
4	3800048	2	FTG\3/4MORX1/2FP\90\ST;EL
5	3800525	4	FTG\1/2\NPTF\QUICK;CPLR
6	3900003	1	M-208 ORBIT MOTOR
7	4000070	1	VALVE\CONTROL\FLOW
8	4000187	1	VALVE\HYD\F-CON\FREE-RVRS
9	4100201	1	CYL\LDR\2620
	4100214		CYL\HYD\SEAL;KIT\4-1/2X24 for 4100201

ITEM	PART NO.	QTY.	DESCRIPTION
10	HOSE1_2620_3700318	1	HOSE\HYD\1/2X126\SO-SO
11	HOSE2_2620_3700318	1	HOSE\HYD\1/2X126\SO-SO
12	HOSE3_2620_3700123	1	HOSE\HYD\1/2X40\SW-SO
13	HOSE3_2620_3700279	1	HOSE\HYD\1/2X38\SW-SO
14	HOSE3_2620_3700346	1	HOSE\HYD\1/2X287\SW-SW
15	HOSE3_2620_3700347	1	HOSE\HYD\1/2X261\SW-SO

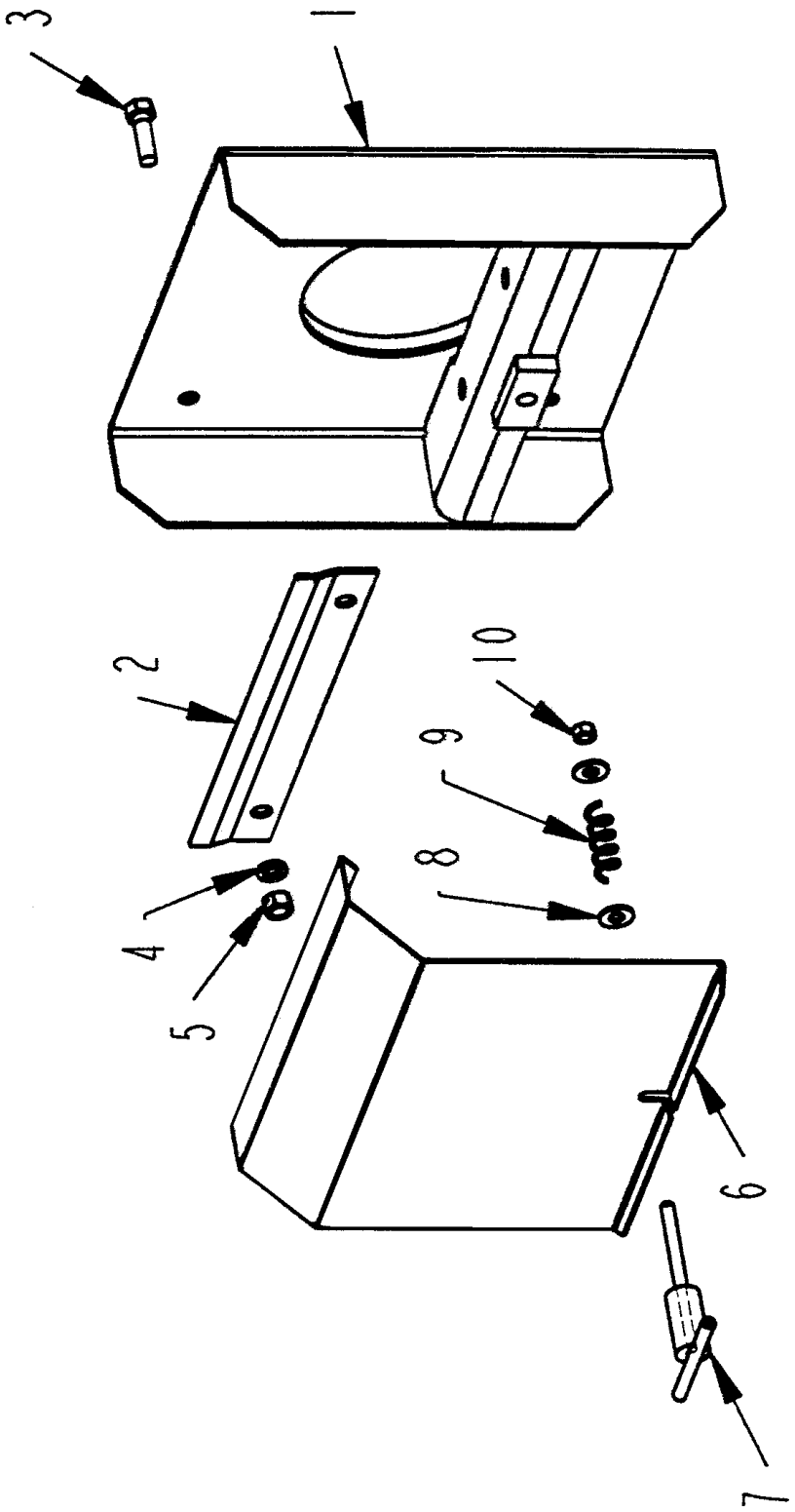


DETAIL 4000187

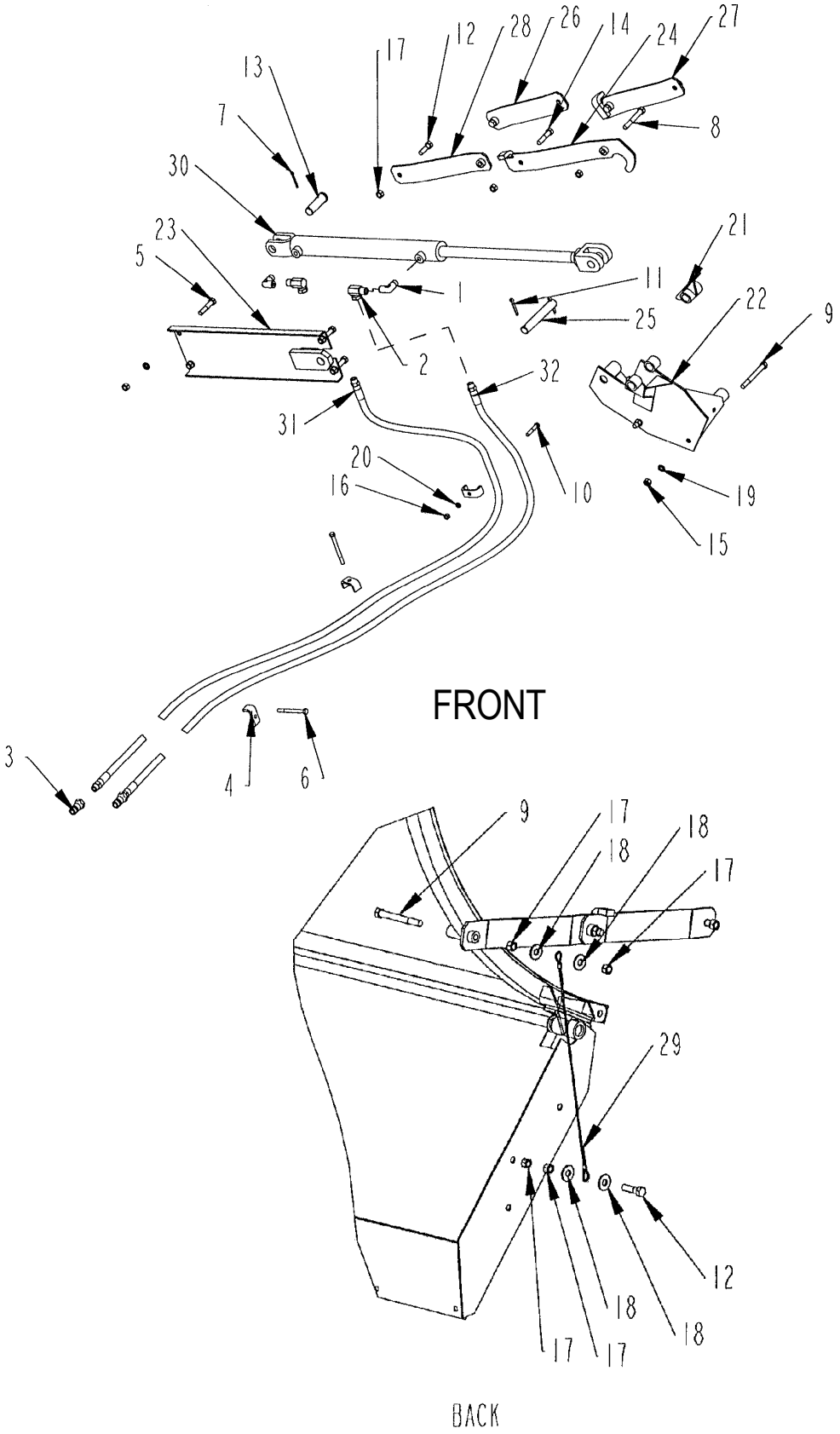
Assemble according to drawing


8
12
8
10
1
2
11
7
3
4
9
6
5

ITEM	PART NO.	QTY.	DESCRIPTION
1	3700533	1	HOSE\HYD\1/2X263\MOR-MOR
2	3700534	1	HOSE\HYD\1/2X237\MOR-MOR
3	3700535	1	HOSE\HYD\1/2X141\MOR-MOR
4	3700536	1	HOSE\HYD\1/2X142\MOR-FJIC
5	3700537	1	HOSE\HYD\1/2X40\MOR-MOR
6	3700538	1	HOSE\HYD\1/2X38\MOR-FJIC
7	3800483	1	FTG\3/4MORX3/4MJICX3/4MJIC\RUN;TEE
8	3800694	4	FTG\3/4FOR\QUICK;CPLR\MALE
9	3900025	1	MOTOR\HYD\17.9\H\AMNT\7/8FOR\1SHFT
10	4000187	1	VALVE\HYD\F-CON\FREE-RVRS
11	4000213	1	VALVE\CONTROL\FLOW\3/4FOR
12	4100201	1	CYL\LDR\2620
	4100214		CYL\HYD\SEAL;KIT\4-1/2X24for 4100201

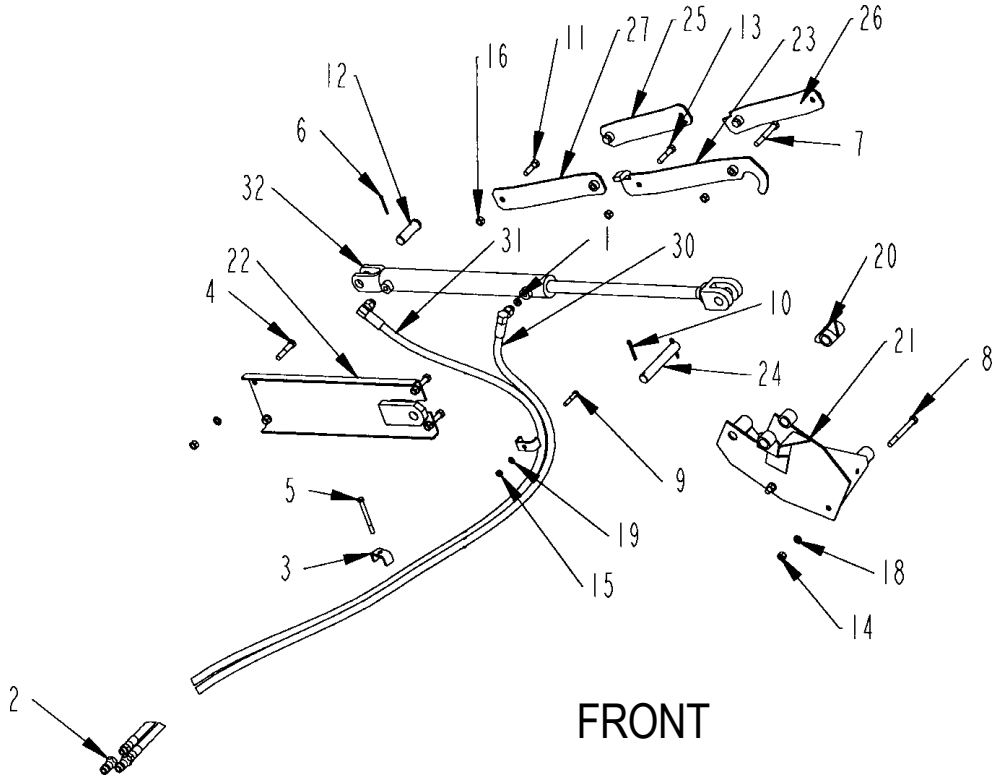

3
1
2
10
9
8
4
5
6
7

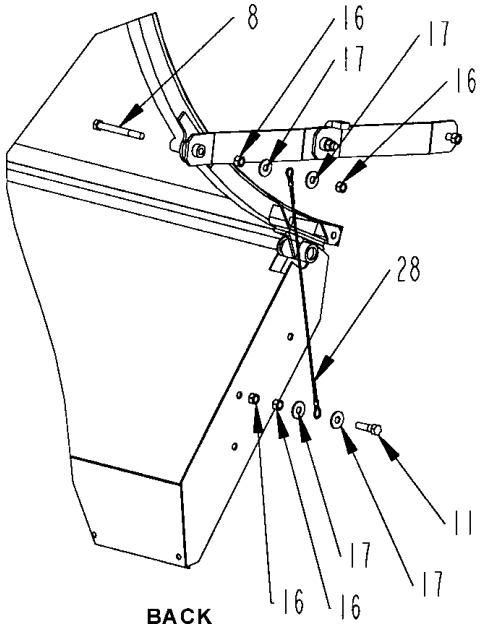
ITEM	PART NO.	QTY.	DESCRIPTION
1	8100778	1	BRKT\BRG\REAR\RTR
2	8100879	1	MNT\SHLD\REAR\BRG\RTR
3	4800082	2	BOLT\HEX\1/2X1-1/2
4	5000006	2	WASH\LOCK\1/2
5	4900001	2	NUT\HEX\1/2\NC
6	8100876	1	SHLD\BRG\REAR\RTR
7	8100877	1	LTCH\SHLD\BRG\RTR
8	5000001	2	WASH\FLAT\3/8
9	6100002	1	SPRING\COMP\.072W\11\16 O.D.\2-1/8 LONG
10	4900023	1	NUT\TPLCK\3/8\NC


17
12
28
26
14
24
27
13
7
8
30
23
21
5
11
1
22
25
9
2
32
31
20
10
19
16
15
FRONT
3
4
6
9
17
18
18
17
29
12
18
18
17
17
BACK

OPTIONAL HYDRAULIC DEFLECTOR (PIPE THREAD) S.N. 010120 TO 085120

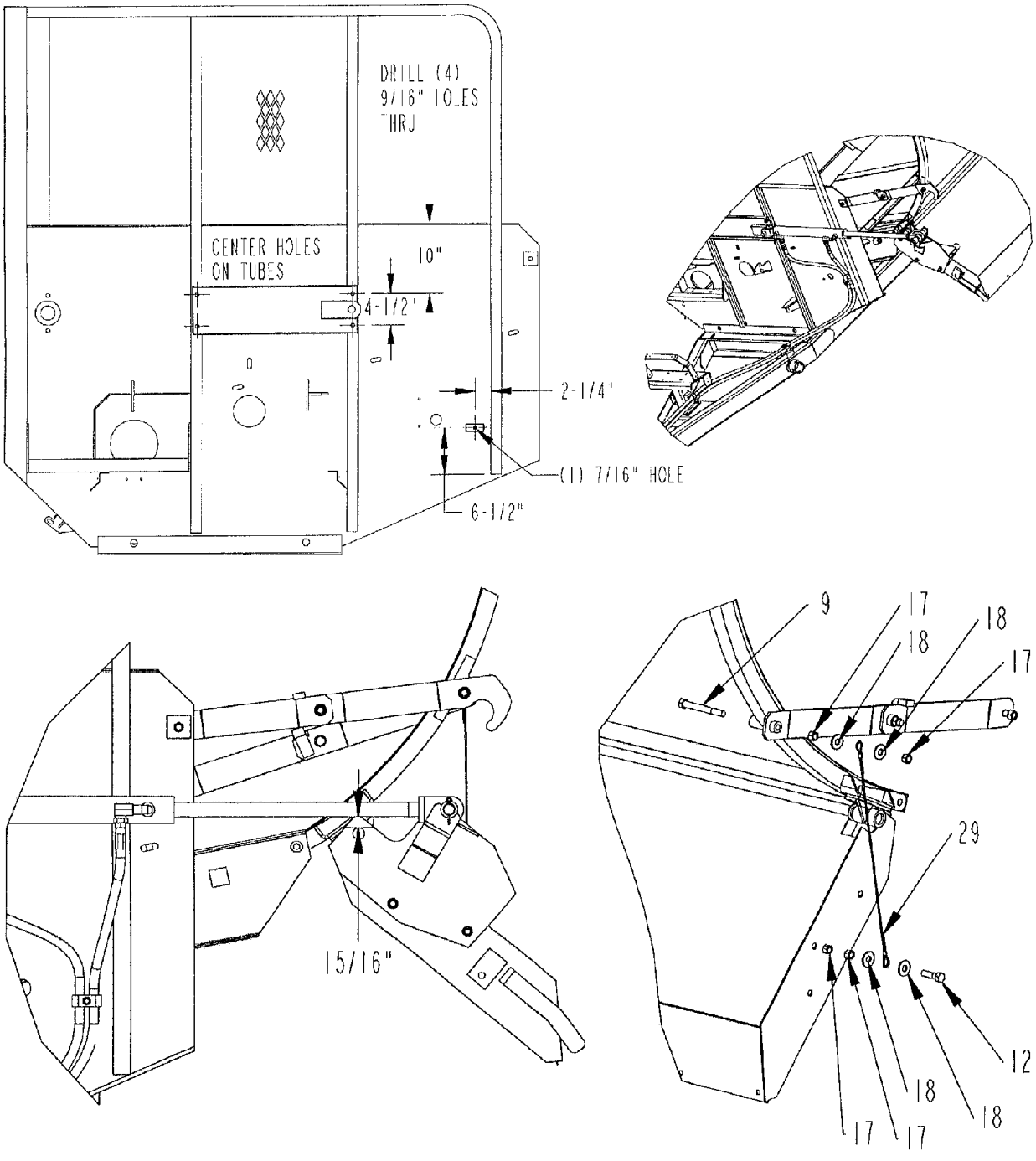
ITEM	PART	QTY.	PART DESCRIPTION
1	3800048	2	FTG\3/4MORX1/2FP\90\ST;EL
2	3800431	2	FTG\1/2MPX1/2FPS\90D\RST\1/8
3	3800525	2	FTG\1/2\NPTF\QUICK;CPLR
4	4700777	3	CLMP\HOSE\1/2
5	4800070	4	BOLT\HEX\1/2X2-1/2
6	4800089	2	BOLT\HEX\3/8X4
7	4800120	1	PIN\COT\3/16X1-3/4
8	4800135	1	BOLT\HEX\1/2X3-1/2
9	4800141	3	BOLT\HEX\1/2X4-1/2
10	4800146	1	BOLT\HEX\3/8X2
11	4800177	2	PIN\COT\1/4X1-3/4
12	4800178	3	BOLT\HEX\1/2X1-3/4
13	4800185	1	PIN\CLEVIS\1X3
14	4800251	2	BOLT\HEX\1/2X2-1/4\NC
15	4900001	6	NUT\HEX\1/2\NC
16	4900002	1	NUT\HEX\3/8\NC
17	4900014	9	NUT\TPLCK\1/2\NC
18	5000004	4	WASH\FLAT\1/2
19	5000006	6	WASH\LOCK\1/2
20	5000019	1	WASH\LOCK\3/8
21	8100751	1	MNT\REAR\DFLCTR\II
22	8100823	1	BRKT\HYD\DFLCTR
23	8100824	1	MNT\CYL\HYD\DFLCTR
24	8100829	1	STRAP\RACK\HYD\DFLCTR\2620
25	8100830	1	PIN\1"X6-1/2"\(2) 1/4"HOLES
26	8100880	1	STRAP\RACK\REAR\W-BUSHING
27	8100881	1	STRAP\RACK\REAR\W-STP-BSH
28	8100882	1	STRAP\RACK\FRONT\W-BUSHING
29	8100897	1	CABLE\ASSY\DFLCTR\HYD
30	4100202	1	CYL\HYD\2"X18"\1-1/4"ROD
31	3700497	1	HOSE\HYD\1/2X160\SO-SO
32	3700497	1	HOSE\HYD\1/2X160\SO-SO
	8100831		CNTRL\DEFL\HYD\KIT\2620 For S.N. 010120 to 085120


16
11
27
25
13
23
26
12
6
7
32
31
1
30
22
20
4
10
24
21
8
9
5
19
3
15
18
14
2
FRONT


8
16
17
17
16
28
11
17
17
16
16
BACK

OPTIONAL HYDRAULIC DEFLECTOR (O-RING) S.N. 085220 AND UP

ITEM	PART	QTY.	PART DESCRIPTION
1	3800683	1	FTG\3/4MOR\ORFICE\3/64
2	3800694	2	FTG\3/4FOR\QUICK;CPLR\MALE
3	4700777	3	CLMP\HOSE\1/2
4	4800070	4	BOLT\HEX\1/2X2-1/2
5	4800089	2	BOLT\HEX\3/8X4
6	4800120	1	PIN\COT\3/16X1-3/4
7	4800135	1	BOLT\HEX\1/2X3-1/2
8	4800141	3	BOLT\HEX\1/2X4-1/2
9	4800146	1	BOLT\HEX\3/8X2
10	4800177	2	PIN\COT\1/4X1-3/4
11	4800178	3	BOLT\HEX\1/2X1-3/4
12	4800185	1	PIN\CLEVIS\1X3
13	4800251	2	BOLT\HEX\1/2X2-1/4\NC
14	4900001	6	NUT\HEX\1/2\NC
15	4900002	1	NUT\HEX\3/8\NC
16	4900014	9	NUT\TPLCK\1/2\NC
17	5000004	4	WASH\FLAT\1/2
18	5000006	6	WASH\LOCK\1/2
19	5000019	1	WASH\LOCK\3/8
20	8100751	1	MNT\REAR\DFLCTR\II
21	8100823	1	BRKT\HYD\DFLCTR
22	8100824	1	MNT\CYL\HYD\DEFLECTOR
23	8100829	1	STRAP\RACK\HYD\DFLCTR SN 010120 to 085120
23	8100960	1	STRAP\RACK\HYD\DFLCTR SN 085121 and up
24	8100830	1	PIN\1"X6-1/2"\(2) 1/4"HOLES
25	8100880	1	STRAP\RACK\REAR\W-BUSHING
26	8100881	1	STRAP\RACK\REAR\W-STP-BSH
27	8100882	1	STRAP\RACK\FRONT\W-BUSHING
28	8100897	1	CABLE\ASSY\DFLCTR\HYD
29	8100919	1	CABLE\1/8"X28"\2620\DFLCTR\HYD
30	3700539	1	HOSE\HYD\1/2X162\MOR-MOR
31	3700539	1	HOSE\HYD\1/2X162\MOR-MOR
32	4100202	1	CYL\HYD\2"X18"\1-1/4"ROD
	8100946		CNTRL\DEFL\HYD\KIT\2620 For S.N. 085220 and up


DRILL (4)
9/16" HOLES
THRU
CENTER HOLES
ON TUBES
10"
4-1/2"
2-1/4"
(1) 7/16" HOLE
6-1/2"
15/16"
9
17
18
18
17
29
12
18
18
17
17

FRONT

BACK

ASSEMBLY INSTRUCTIONS

HYDRAULIC DEFLECTOR KIT FOR 2620 8100831

STEP 1: With rack and deflector in working position. Support the front of the deflector so its mount can be removed. Remove deflector latch shield, lever, spring, adjusting bolt, and front mount. These parts will not be needed. Install deflector mount #8100751 using existing hardware.

STEP 2: Bolt deflector cylinder mount #8100823 to the front of the deflector with (2) 1/2" x 4-1/2" bolts, lockwashers and nuts.

STEP 3: Remove front rack straps and replace with straps #8100829, #8100882 (14-1/4" long). See drawing for mounting orientation. Bolt in place with (1) 1/2" x 3-1/2" bolt, (1) x 2-1/4" bolt. (1) x I3/4" bolt and (3) 1/2" toplock nuts. Links must hinge freely!

STEP 4: Remove rear rack straps and replace with straps #8100881. #8100880 (15" long). See drawing for mounting orientation. Bolt in place with (1) 1/2" x 3-1/2" bolt, (1) ½"- x 2-1/4" bolt, (1) 1/2" x 1-3 3/4" bolt and (3) 1/2" toplock nuts. Links must hinge freely!

STEP 5: Mark the location of the mounting holes on the front of the processor. See drawing. Check hole locations with cylinder mount #8100824. Drill (4) 9/16" holes through.

STEP 6: Mount hydraulic cylinder on cylinder mounting bracket #8100824 with 1"x 3" clevis pin and ¼" x 1-3/4" cotter pin. Install the clevis pin so the head of the pin is against the processor.

STEP 7 Bolt the cylinder-mounting bracket #8100824 to the processor using the (4) holes drilled in step 5. Fasten bracket with (4) 1/2" x 2-1/2" bolts, lockwashers and nuts. Install bolts with heads to the inside of the processor.

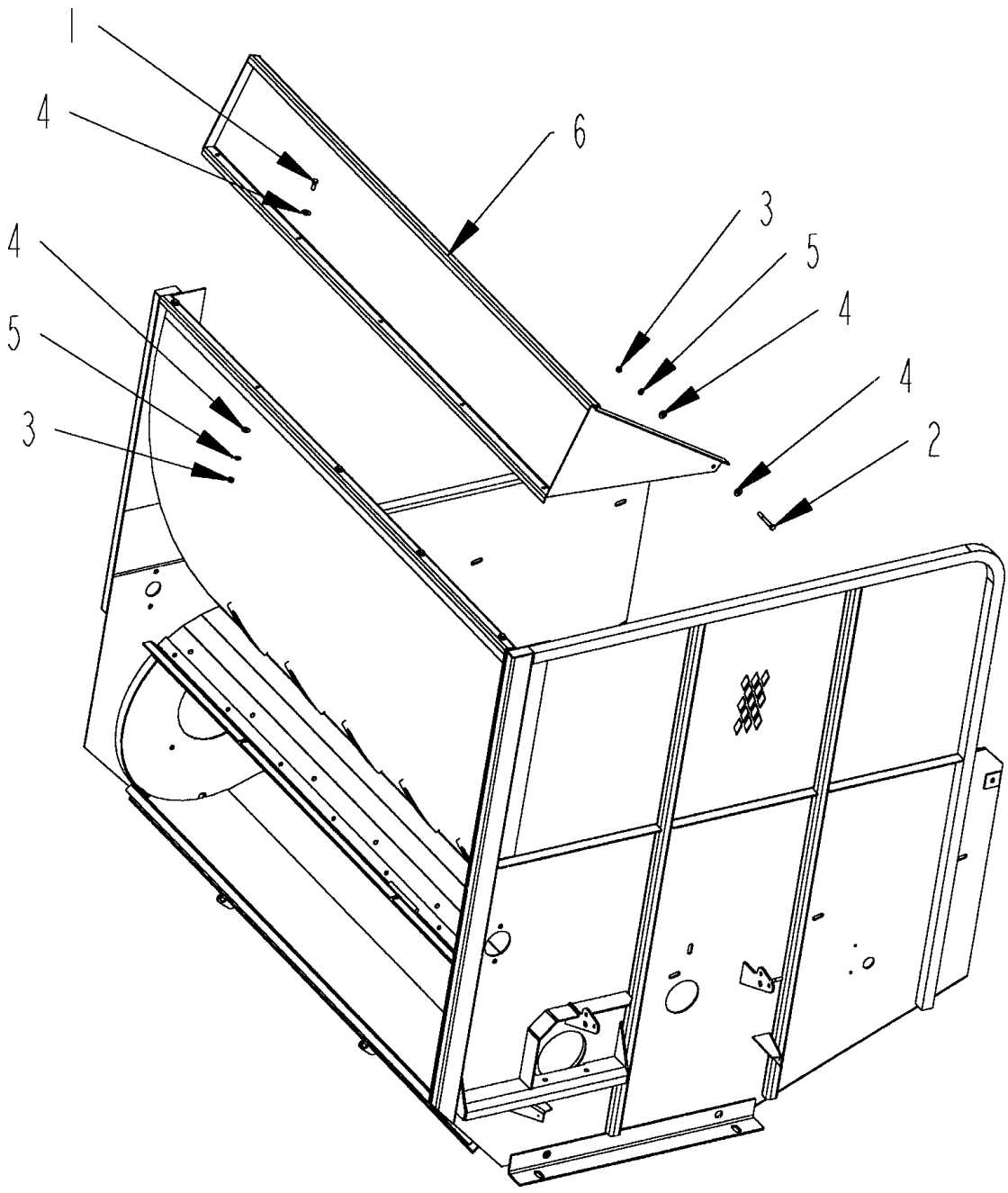
STEP 8: Install the rod end of the hydraulic cylinder into the deflector cylinder mount, using #8100830 1"x 6-1/2" pin and (2) 1/4" x 1-3/4" cotter pins.

STEP 9: Install ¾" o-ring elbows on the cylinder.

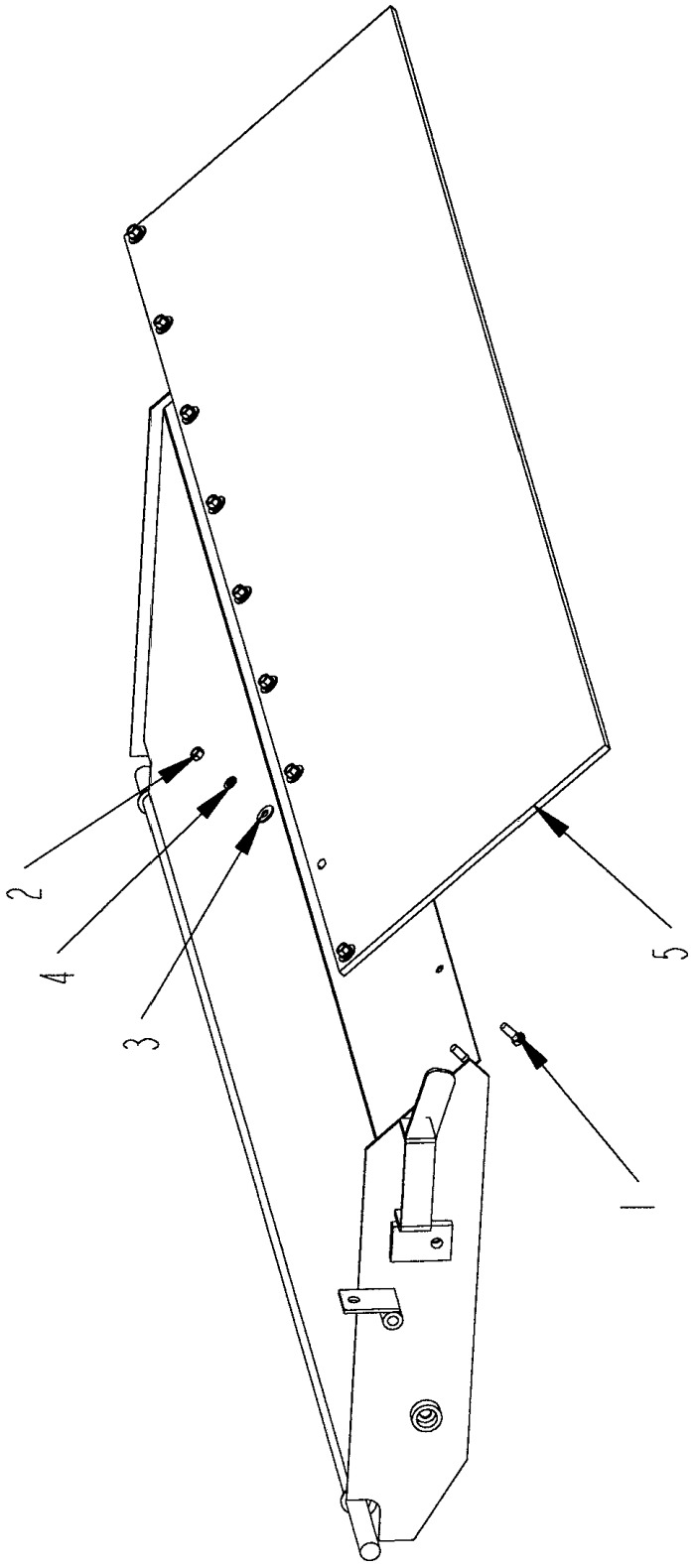
STEP 10: Assemble the restrictor elbows, hoses, hose clamps, and quick-couplers, as shown on drawings. Allow enough slack in hydraulic hoses for full cylinder movement check before securing hose clamps.

STEP 11: With cylinder fully extended. Check the distance from the bottom of the cylinder rod to the top of the deflector pivot shaft, by holding a square against the front of the deflector. This distance should be no less than 15/16". If it is less than 15/16", shorten the cylinder length by loosening the clamping bolt and turning the clevis clock-wise. (See Drawing)

STEP 12: With cylinder fully extended. Install the deflector cable #8100897. Form a loop on one end of the cable by bending the cable around a 1/2" bolt and crimping the cable sleeve. Bolt the loop to the deflector as shown. Thread the cable over the rack bolt and pull taunt, mark the cable and crimp the cable sleeve. Finish installation. (See Drawing)

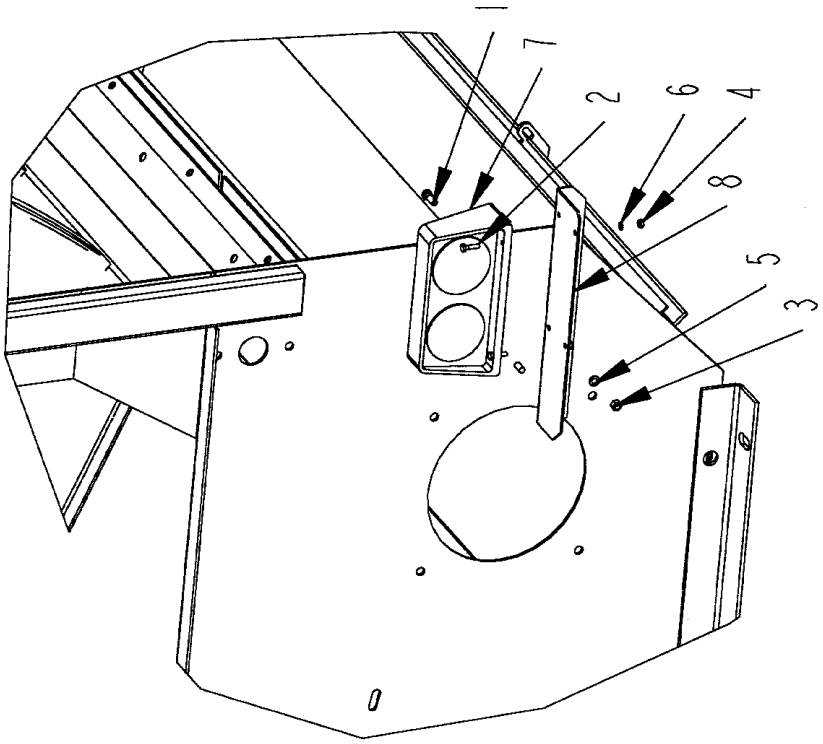

1
4
6
3
5
4
4
2
4
5
3

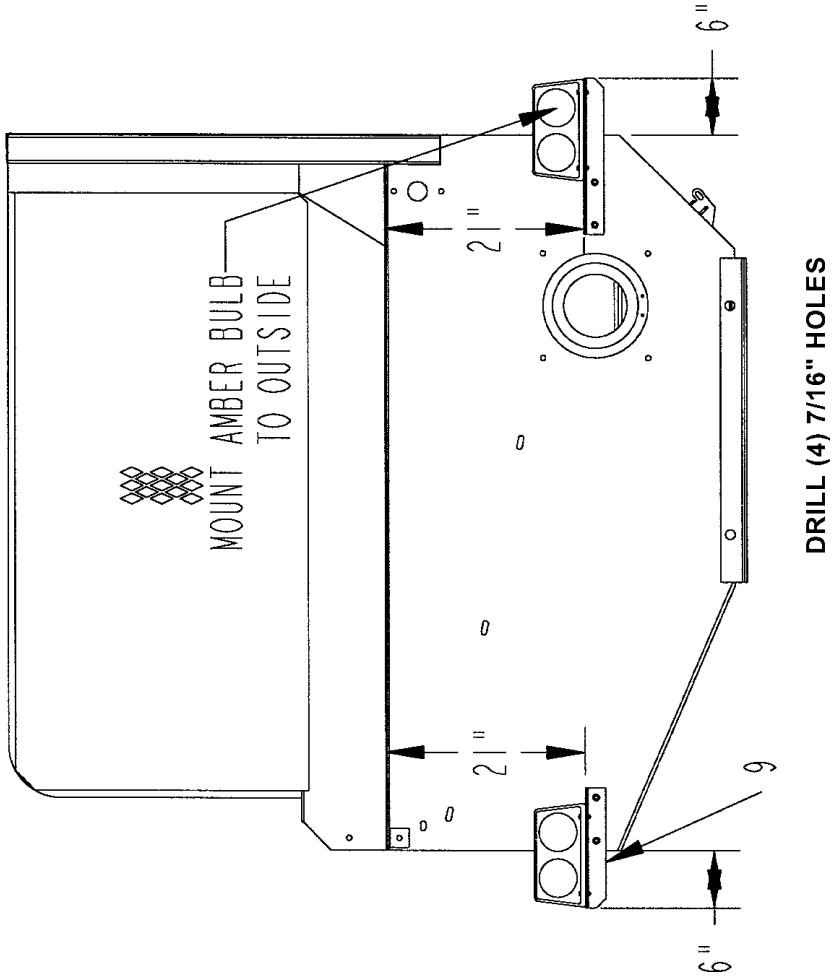
ITEM	PART	QTY.	PART DESCRIPTION
1	4800003	5	BOLT\HEX\3/8X1
2	4800156	1	BOLT\HEX\3/8X3
3	4900002	6	NUT\HEX\3/8\NC
4	5000001	12	WASH\FLAT\3/8
5	5000019	6	WASH\LOCK\3/8
6	8100796	1	EXT\SHRDR\77-1/2


2
4
3
5
1

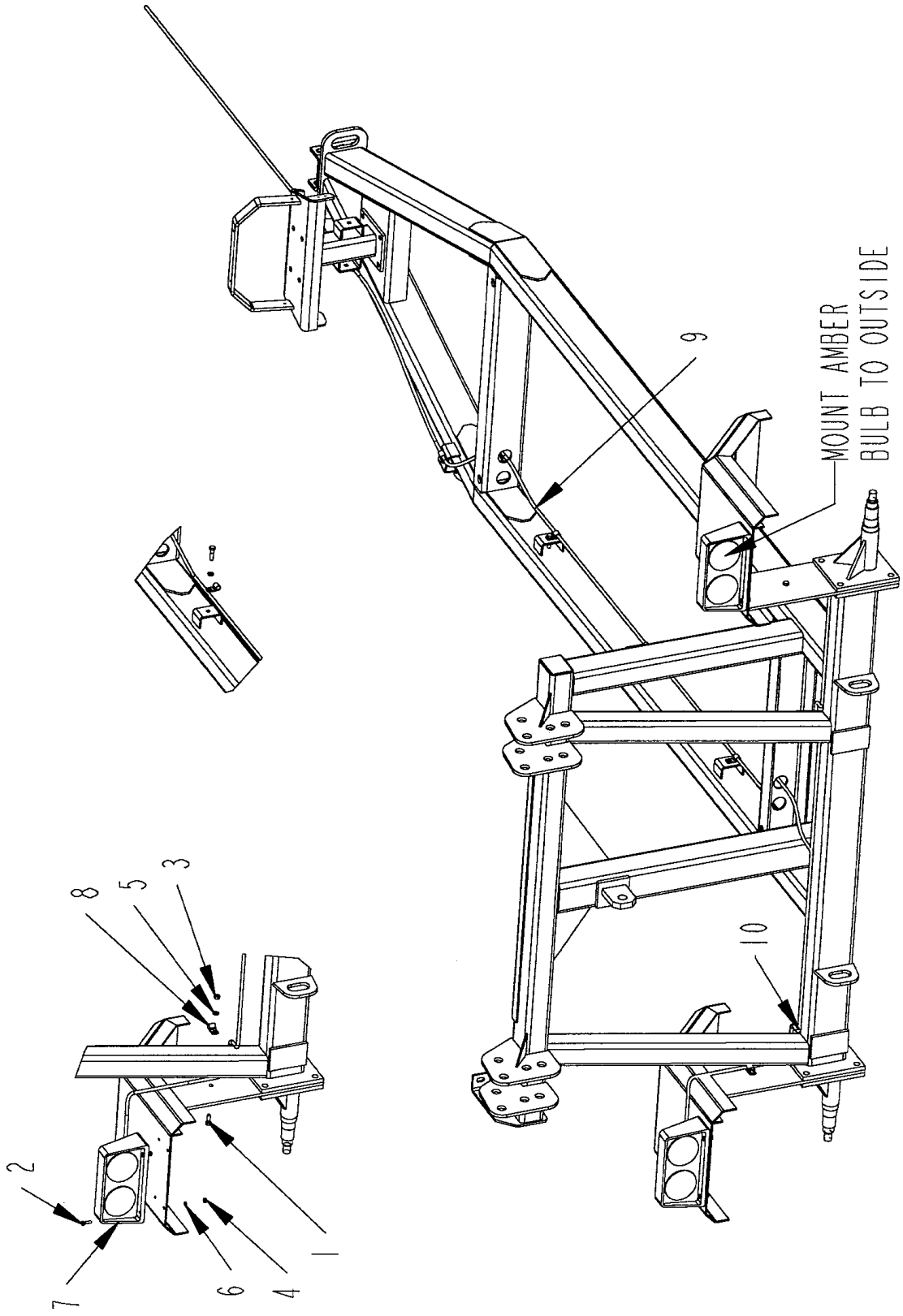
OPTIONAL WIDE DEFLECTOR BELT

ITEM	PART	QTY.	PART 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\73-3/4

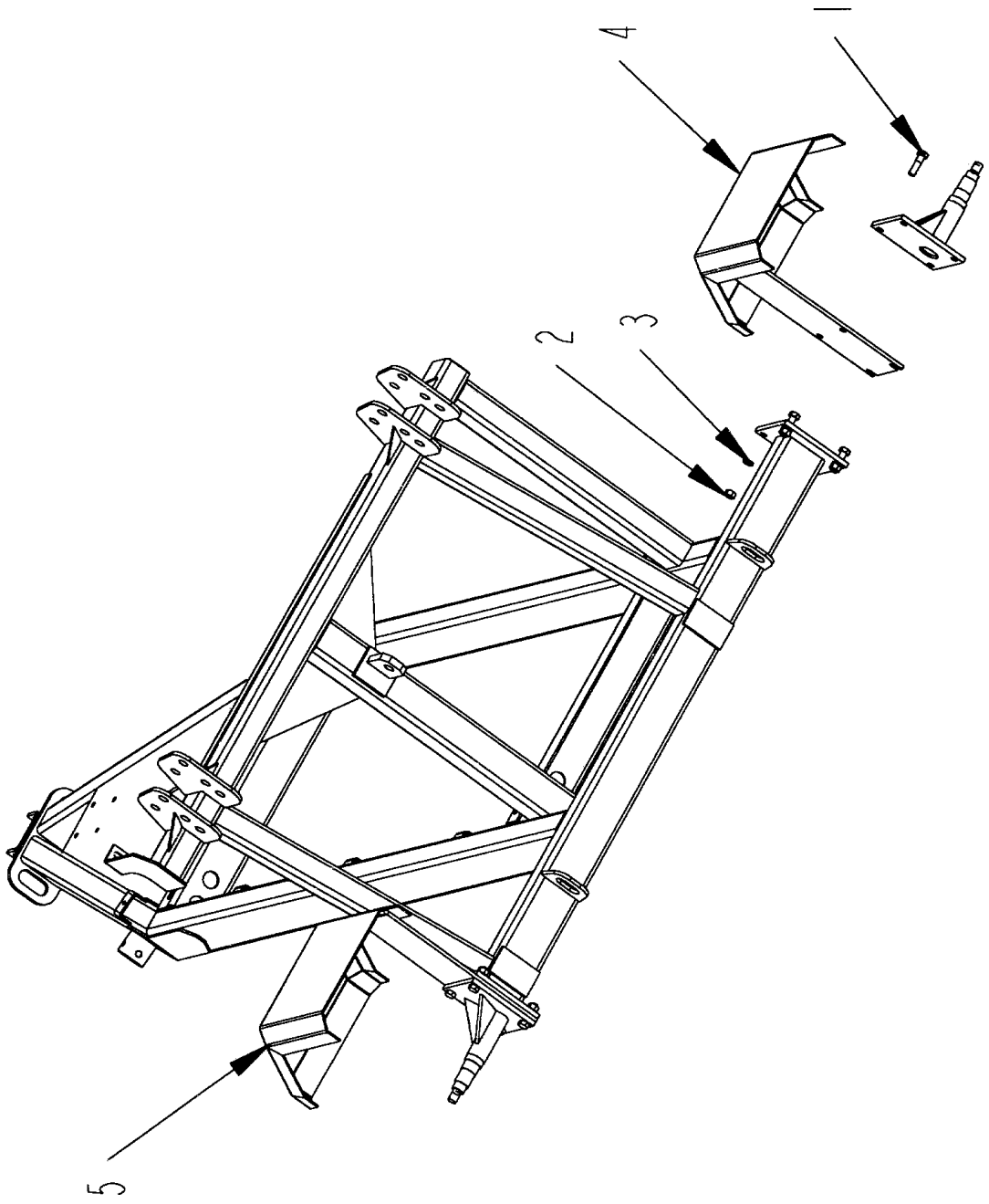

1
7
2
6
4
8
5
3


6"
21"
MOUNT AMBER BULB
TO OUTSIDE
DRILL (4) 7/16" HOLES
21"
9
6"

ITEM	PART	QTY.	PART DESCRIPTION
1	4800003	4	BOLT\HEX\3/8X1
2	4800277	8	BOLT\HEX\1/4X1
3	4900002	4	NUT\HEX\3/8\NC
4	4900009	8	NUT\HEX\1/4\NC
5	5000019	4	WASH\LOCK\3/8
6	5000024	8	WASH\LOCK\1/4
7	5700423	1	KIT\LIGHT\2620
8	8100895	1	BRKT\TAILIGHT\2620\RH
9	8100896	1	BRKT\TAILIGHT\2620\LH

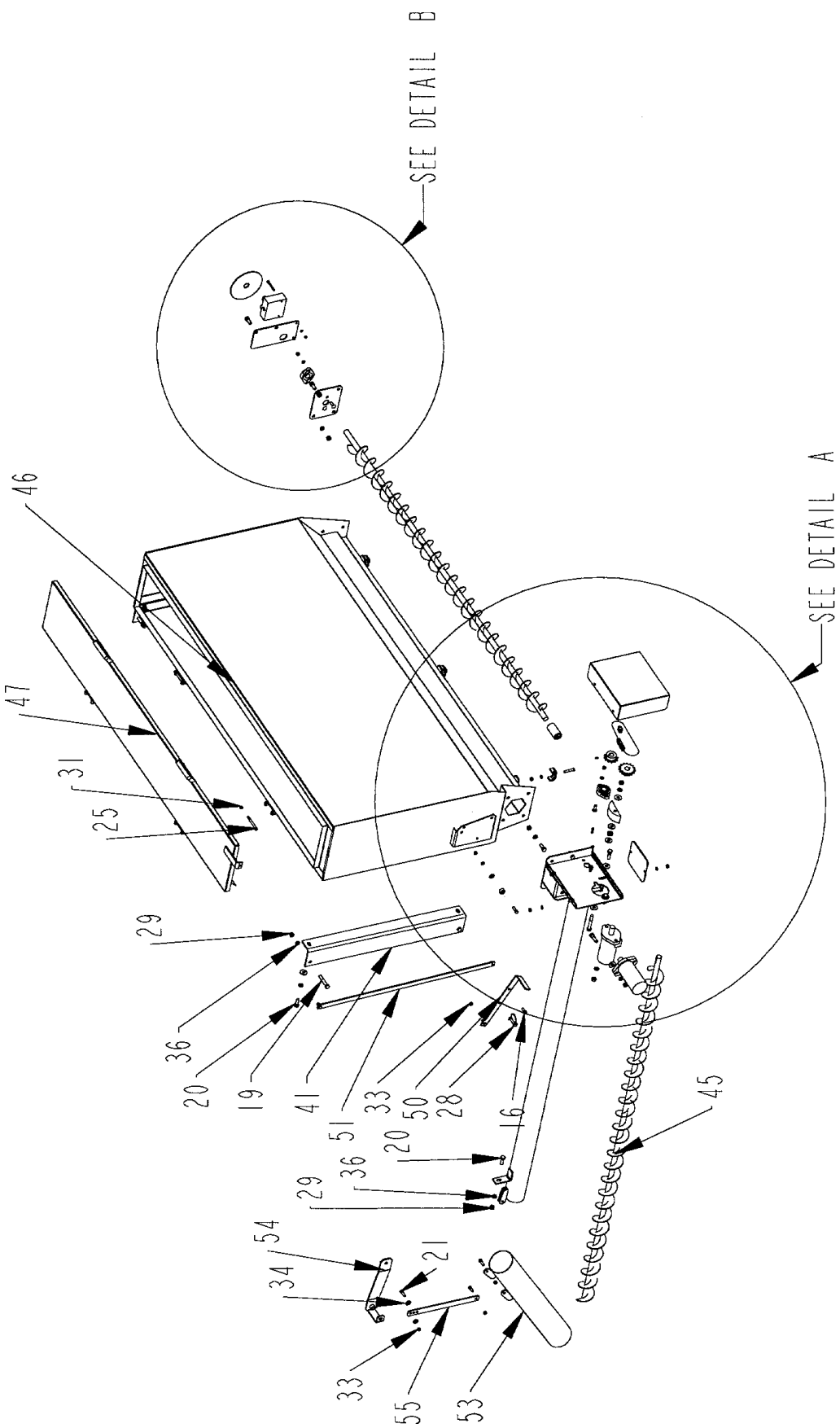

MOUNT AMBER
BULB TO OUTSIDE
9
10
8
5
3
2
7
6
4
1

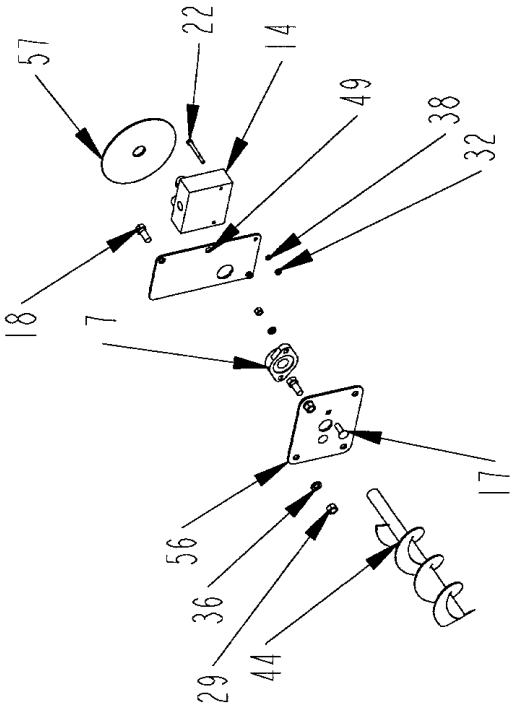
ITEM	PART	QTY.	PART DESCRIPTION
1	4800003	2	BOLT\HEX\3/8X1
2	4800277	8	BOLT\HEX\1/4X1
3	4900002	2	NUT\HEX\3/8\NC
4	4900009	8	NUT\HEX\1/4\NC
5	5000019	3	WASH\LOCK\3/8
6	5000024	8	WASH\LOCK\1/4
7	5700423	1	KIT\LIGHT\2620
8	7500713	7	CLAMP\CUSH\HD\1/2
9	7500835	25	LOOM\POLY\SPLIT\1/2
10	7500700	15	LOOM\POLY\SPLIT\3/8


1
4
2
3
5

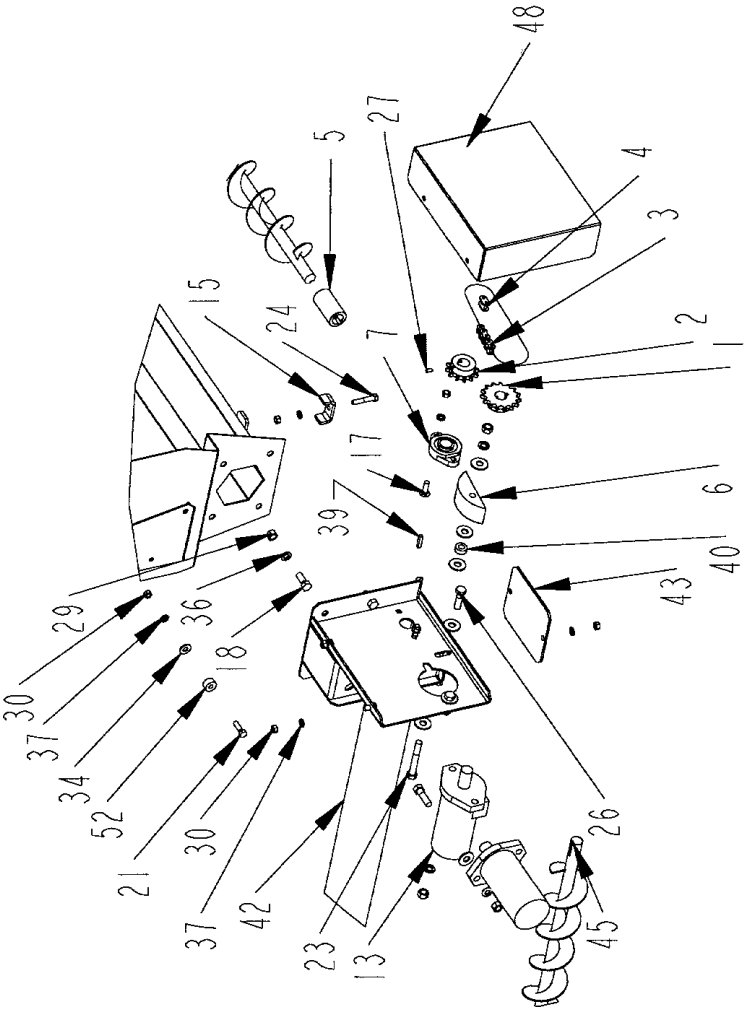
OPTIONAL FENDER

ITEM	PART	QTY.	PART 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

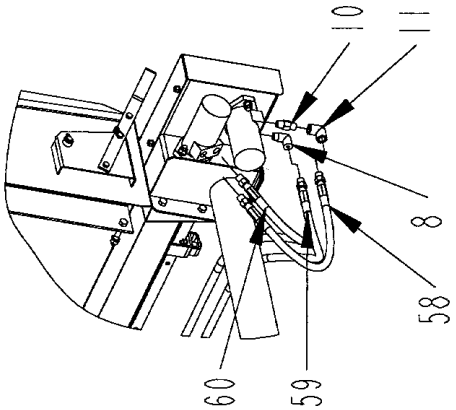

SEE DETAIL B
SEE DETAIL A
46
47
31
25
29
36
20
19
41
33
51
50
28
16
45
54
34
21
55
53

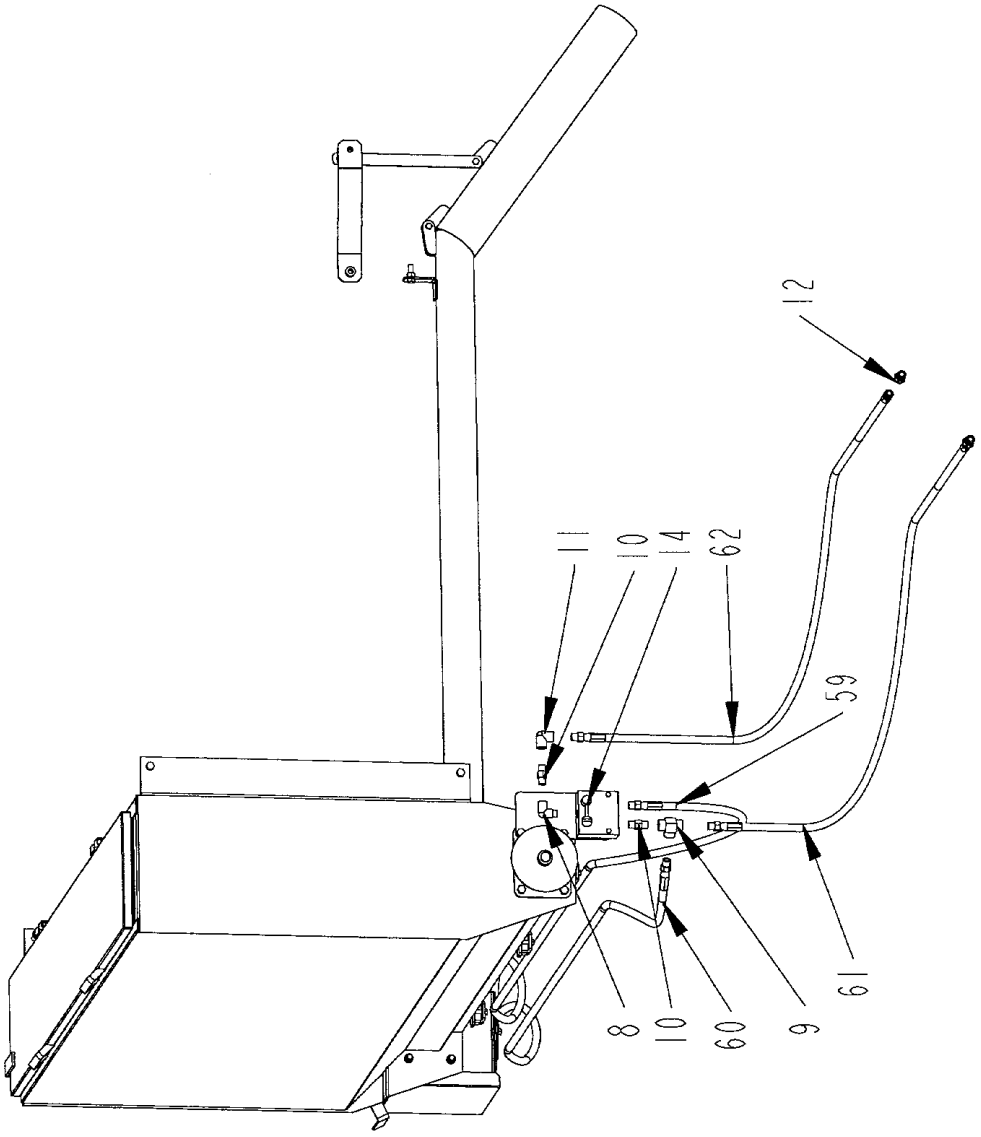


DETAIL B
SCALE 1/16



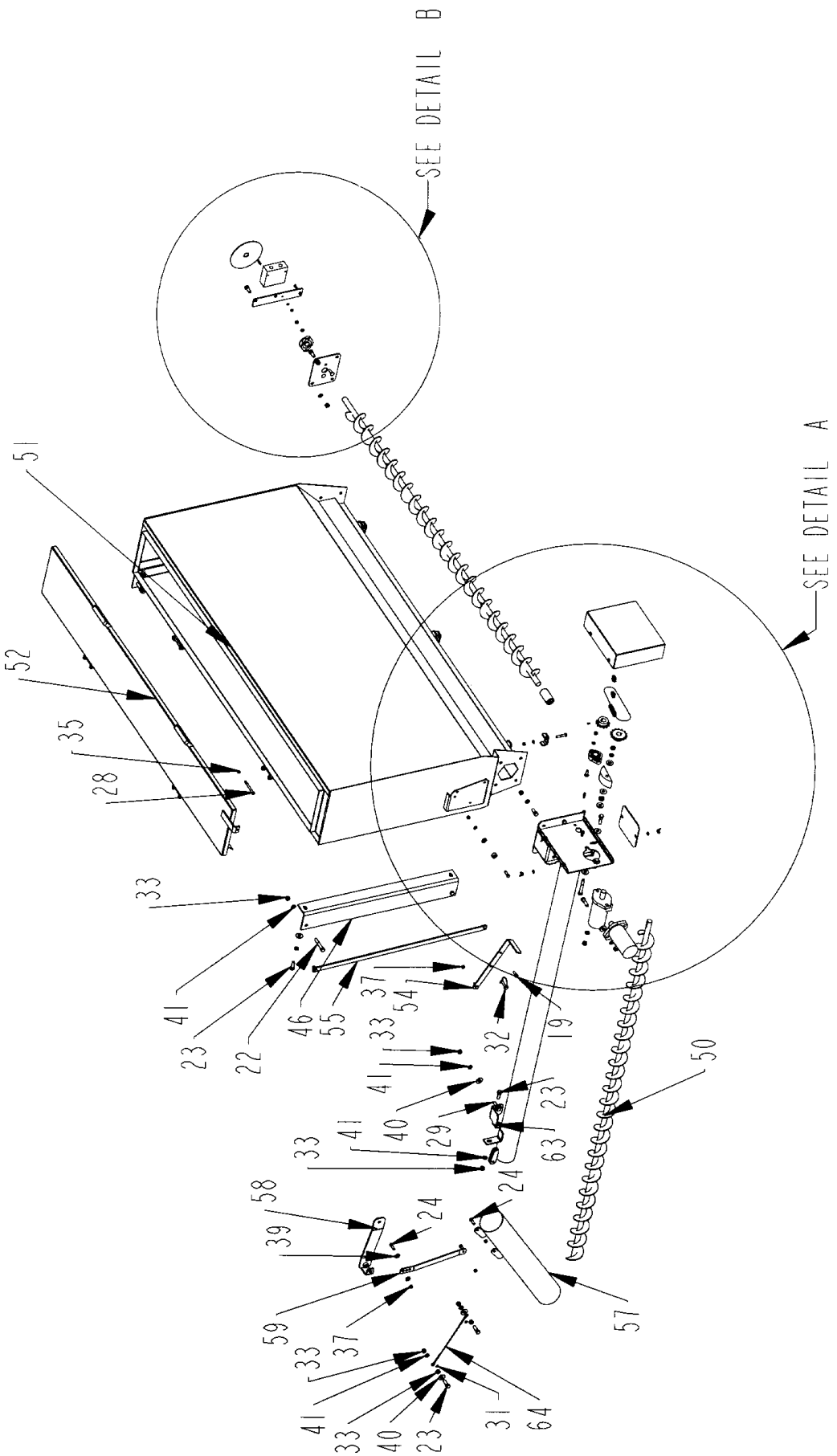
DETAIL A
SCALE 1/16

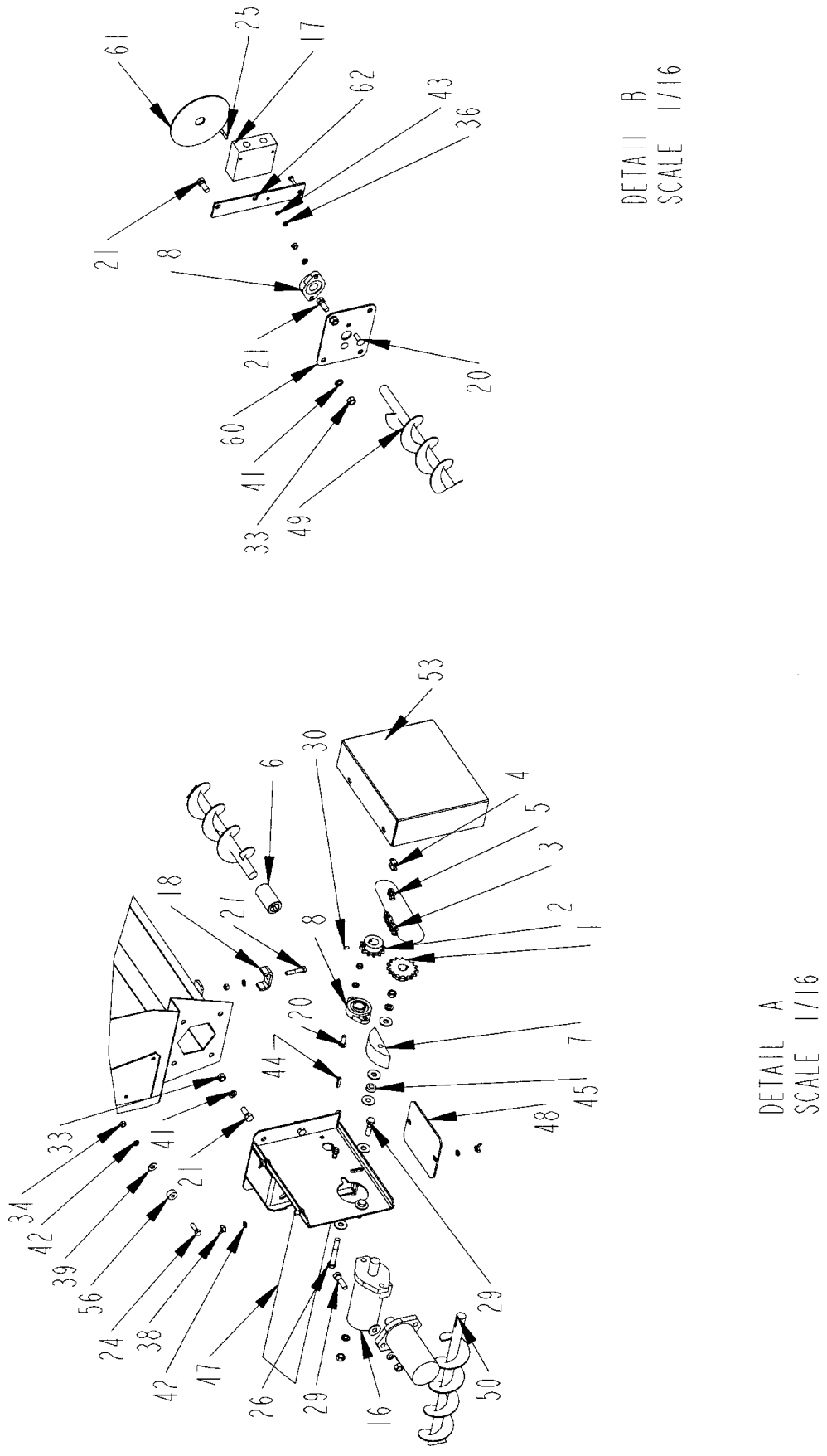

10
11
8
58
60
59

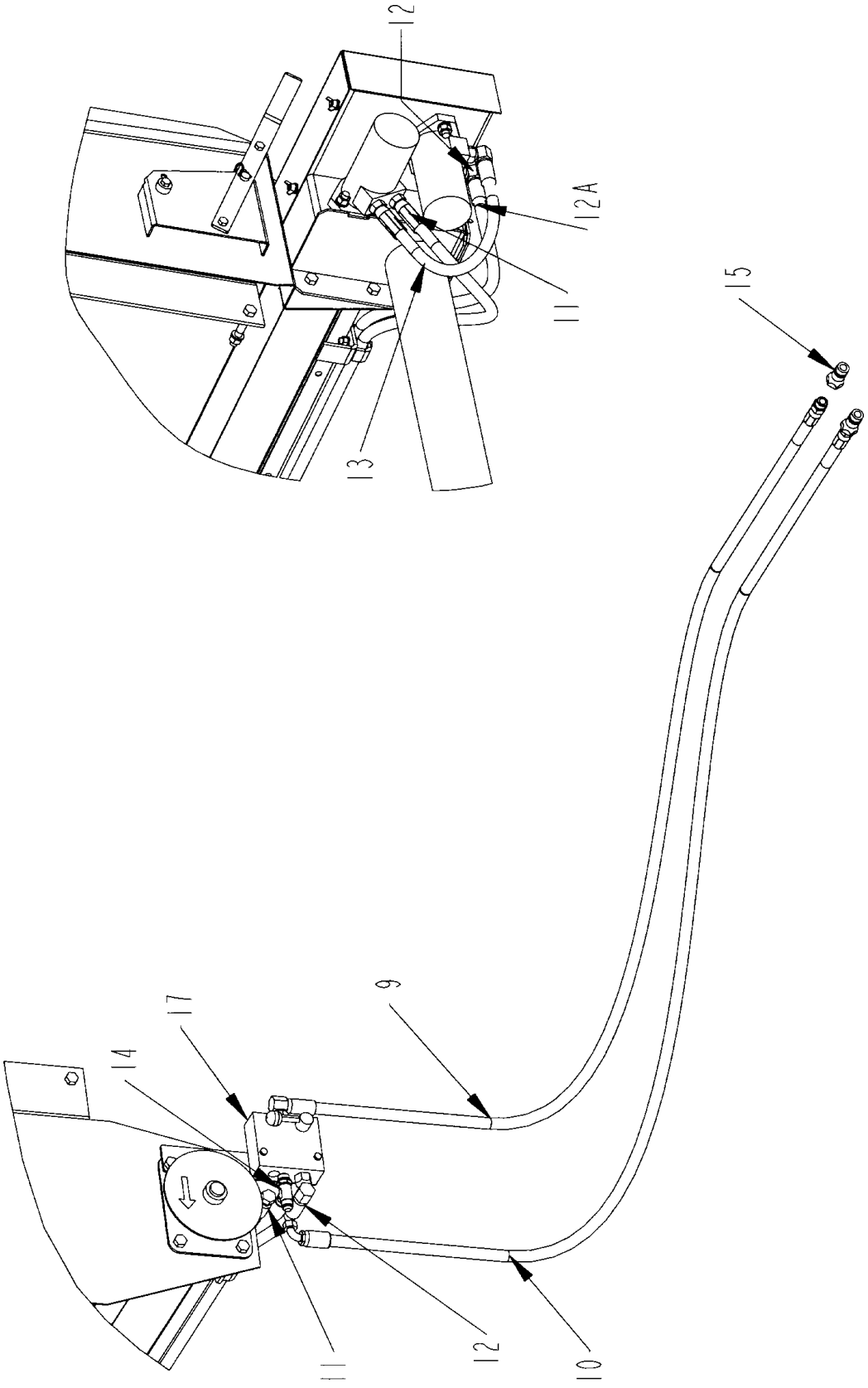

12
11
10
14
62
59
61
8
10
60
9

GRAIN HOPPER (OPTION) ASSEMBLY PARTS LIST (PIPE THREAD)

ITEM	PART	QTY.	PART DESCRIPTION
1	1000031	1	SPKT\50\B\15\1\1/4KW
2	1000055	1	SPKT\50\B\12\1\1/4KW
3	1100027	1	CHAIN\50\37
4	1100059	1	CHAIN\50\CL
5	1400586	1	COUPLER\SHAFT\1" ID\3" LONG
6	2000016	1	BLK\WOOD\IDLER
7	2000310	2	BRG\FLG\CAST\1-1/4\2BOLT
8	3800008	2	FTG\1/2MPX1/2FP\90\ST;EL
9	3800009	1	FTG\1/2FP\TEE
10	3800045	3	FTG\1/2MPX2\NPL
11	3800165	2	FTG\1/2FPX1/2FP\90
12	3800525	2	FTG\1/2\NPTF\QUICK;CPLR
13	3900003	2	M-208 ORBIT MOTOR
14	4000070	1	VALVE\CONTROL\FLOW
15	4700777	4	CLMP\HOSE\1/2
16	4800003	4	BOLT\HEX\3/8X1
17	4800012	4	BOLT\CRG\3/8X1-1/4\NC
18	4800018	8	BOLT\HEX\1/2X1-1/4
19	4800068	4	BOLT\HEX\1/2X3
20	4800082	5	BOLT\HEX\1/2X1-1/2
21	4800098	3	BOLT\HEX\3/8X1-1/4\NC
22	4800101	2	BOLT\HEX\1/4X2-1/2
23	4800135	1	BOLT\HEX\1/2X3-1/2
24	4800146	4	BOLT\HEX\3/8X2
25	4800170	2	BOLT\HEX\5/16X3-1/2
26	4800178	4	BOLT\HEX\1/2X1-3/4
27	4800290	4	SCR\SET\ALN\1/4X1/2\NC
28	4800609	1	PIN\LYNCH\3/8X1-3/4\W/_U_WIRE;KEEPER
29	4900001	22	NUT\HEX\1/2\NC
30	4900002	13	NUT\HEX\3/8\NC
31	4900006	2	NUT\NYLCK\5/16\NC
32	4900009	2	NUT\HEX\1/4\NC
33	4900023	6	NUT\TPLCK\3/8\NC
34	5000001	3	WASH\FLAT\3/8
35	5000004	12	WASH\FLAT\1/2
36	5000006	22	WASH\LOCK\1/2
37	5000019	13	WASH\LOCK\3/8
38	5000024	2	WASH\LOCK\1/4
39	6200014	2	KEY\SQ\1/4X1-1/4
40	8100804	1	MNT\BSH\MTR\HYD
41	8100834	2	MNT\HPPR\GRAIN
42	8100836	1	AUG/ASSY/HPPR
43	8100838	1	PLT\AUG\CLEAN-OUT
44	8100841	1	AUG\HPPR\ASSY
45	8100842	1	AUG\REAR\ASSY
46	8100843	1	HOPPER\GRAIN\2620
47	8100844	1	HPPR\COVER\2620
48	8100845	1	SHLD\DRIVE\AUG\HPPR
49	8100849	1	PLT\MNT\\VALVE\FLOW
50	8100867	1	BRKT\HANDLE\LID\HPPR
51	8100868	1	RD\CONNECTING\LID\HPPR
52	8100869	1	SPCR\1"ODX3/8"IDX1/2"LG
53	8100887	1	TUBE\EXT\AUG\HPPR\GRAIN
54	8100888	1	STRAP\RACK\REAR\HPPR\GRAIN
55	8100889	1	MNT\PIPE\HPPR\GRIAN
56	8100898	1	PLT\MNT\BRNG\AUG
57	8100899	1	BRKT\INDICATOR\AUG
58	3700091	1	HOSE\HYD\1/2X22\SW-SO
59	3700299	1	HOSE\HYD\1/2X125\SW-SW
60	3700401	1	HOSE\HYD\1/2X112\SW-SW
61	3700061	1	HOSE\HYD\1/2X132\SW-SO
62	3700061	1	HOSE\HYD\1/2X132\SW-SO


SEE DETAIL B
SEE DETAIL A
51
52
35
28
33
41
23
22
46
55
37
54
33
32
19
41
40
29
23
63
24
50
58
39
24
59
33
37
57
41
33
40
23
31
64

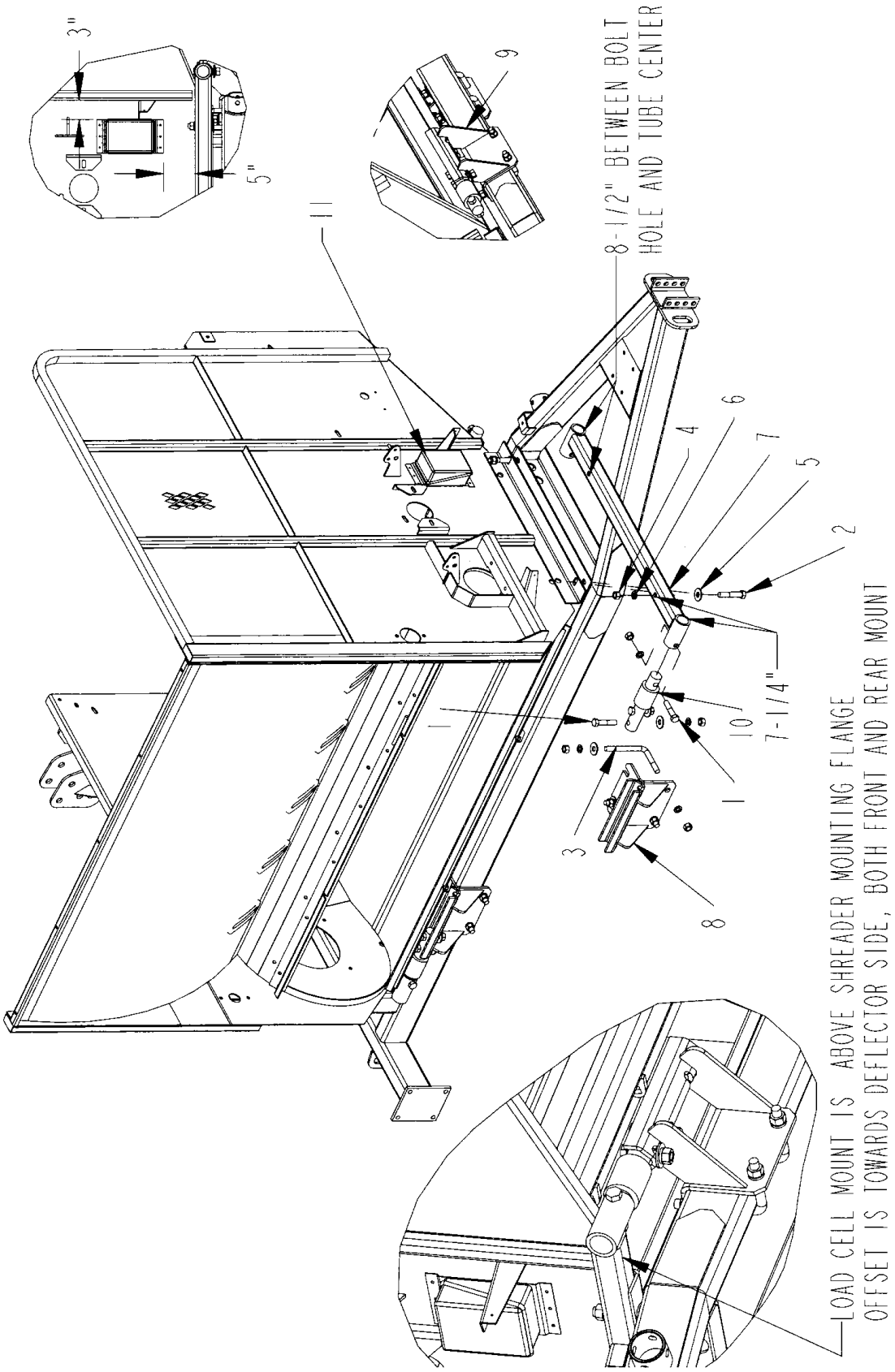

61
25
17
62
43
36
21
8
21
20
60
41
33
49
DETAIL B
SCALE 1/16
53
30
6
4
5
3
18
27
8
2
1
20
44
7
45
48
33
41
21
34
42
39
56
24
38
42
47
26
29
16
50
29
DETAIL A
SCALE 1/16


12
12A
11
15
13
9
17
14
11
12
10

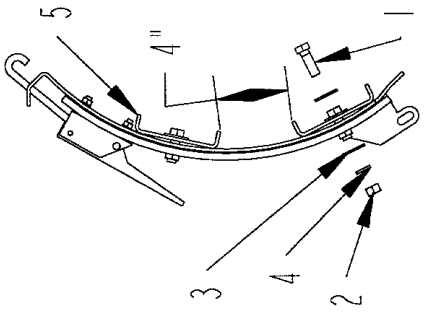
GRAIN HOPPER (OPTION) ASSEMBLY PARTS LIST (O-RING)

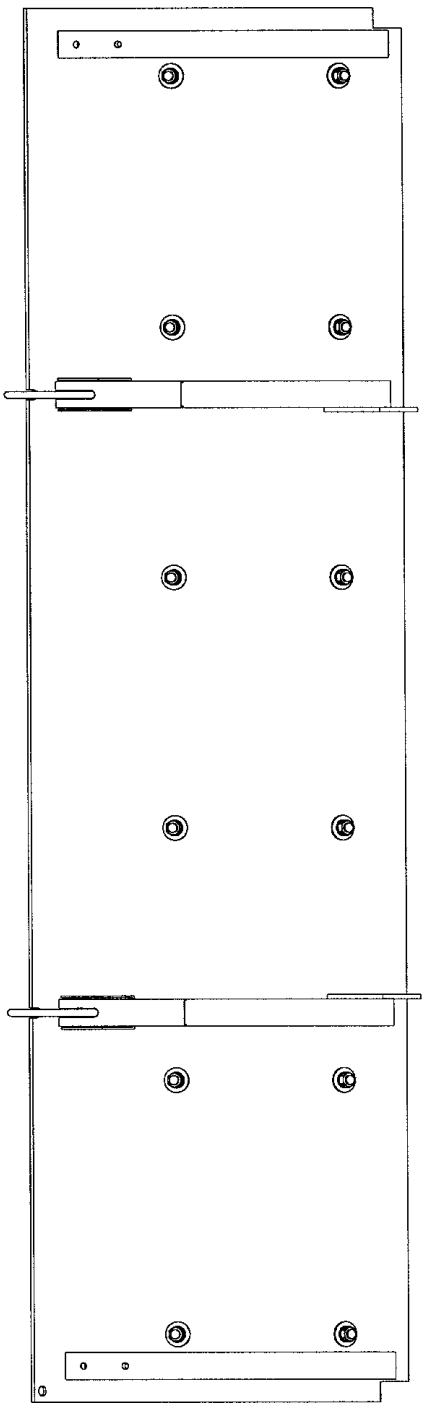
ITEM	PART	QTY.	PART DESCRIPTION
1	1000031	1	SPKT\50\B\15\1\1/4KW
2	1000055	1	SPKT\50\B\12\1\1/4KW
3	1100027	1	CHAIN\50\35
4	1100059	1	CHAIN\50\CL
5	1100060	1	CHAIN\50\OL
6	1400586	1	COUPLER\SHAFT\1" ID\3" LONG
7	2000016	1	BLK\WOOD\IDLER
8	2000310	2	BRG\FLG\CAST\1-1/4\2BOLT
9	3700540	1	HOSE\HYD\1/2X140\MOR-MOR
10	3700541	1	HOSE\HYD\1/2X148\MOR-FJIC
11	3700542	1	HOSE\HYD\1/2X97\MOR-MOR
12	3700543	1	HOSE\HYD\1/2X94\MOR-MOR
12A	3800476	1	FTG\3/4MORX3/4MJIC\90
13	3700544	1	HOSE\HYD\1/2X18\MOR-MOR
14	3800483	1	FTG\3/4MORX3/4MJICX3/4MJIC\RUN;TEE
15	3800525	2	FTG\1/2\NPTF\QUICK;CPLR
16	3900003	2	M-208 ORBIT MOTOR
17	4000070	1	VALVE\CONTROL\FLOW
18	4700777	4	CLMP\HOSE\1/2
19	4800003	4	BOLT\HEX\3/8X1
20	4800012	4	BOLT\CRG\3/8X1-1/4\NC
21	4800018	8	BOLT\HEX\1/2X1-1/4
22	4800068	4	BOLT\HEX\1/2X3
23	4800082	7	BOLT\HEX\1/2X1-1/2
24	4800098	3	BOLT\HEX\3/8X1-1/4\NC
25	4800101	2	BOLT\HEX\1/4X2-1/2
26	4800135	1	BOLT\HEX\1/2X3-1/2
27	4800146	4	BOLT\HEX\3/8X2
28	4800170	2	BOLT\HEX\5/16X3-1/2
29	4800178	5	BOLT\HEX\1/2X1-3/4
30	4800290	4	SCR\SET\ALN\1/4X1/2\NC
31	4800392	2	CABLE CRIMP SLEEVE 1/8"
32	4800609	1	PIN\LYNCH\3/8X1-3/4\W/_U_WIRE;KEEPER
33	4900001	23	NUT\HEX\1/2\NC
34	4900002	9	NUT\HEX\3/8\NC
35	4900006	2	NUT\NYLCK\5/16\NC
36	4900009	2	NUT\HEX\1/4\NC
37	4900023	6	NUT\TPLCK\3/8\NC
38	4900032	4	NUT\WING\3/8\NC
39	5000001	3	WASH\FLAT\3/8
40	5000004	16	WASH\FLAT\1/2
41	5000006	25	WASH\LOCK\1/2
42	5000019	13	WASH\LOCK\3/8
43	5000024	2	WASH\LOCK\1/4
44	6200014	2	KEY\SQ\1/4X1-1/4
45	8100804	1	MNT\BSH\MTR\HYD
46	8100834	2	MNT\HPPR\GRAIN
47	8100836	1	AUG/ASSY/HPPR
48	8100838	1	PLT\AUG\CLEAN-OUT
49	8100841	1	AUG\HPPR\ASSY
50	8100842	1	AUG\REAR\ASSY
51	8100843	1	HOPPER\GRAIN\2620
52	8100844	1	HPPR\COVER\2620
53	8100845	1	SHLD\DRIVE\AUG\HPPR
54	8100867	1	BRKT\HANDLE\LID\HPPR
55	8100868	1	RD\CONNECTING\LID\HPPR
56	8100869	1	SPCR\1"ODX3/8"IDX1/2"LG
57	8100887	1	TUBE\EXT\AUG\HPPR\GRAIN
58	8100888	1	STRAP\RACK\REAR\HPPR\GRAIN
59	8100889	1	MNT\PIPE\HPPR\GRIAN
60	8100898	1	PLT\MNT\BRNG\AUG
61	8100899	1	BRKT\INDICATOR\AUG
62	8100906	1	PLT\MNT\VALVE\FLOW
63	8101015	1	BRKT\SUPPORT\AUGER\GRAIN TANK
64	8101031	1	CABLE\1/8"X20"\2640

SCALE KIT (OPTION)



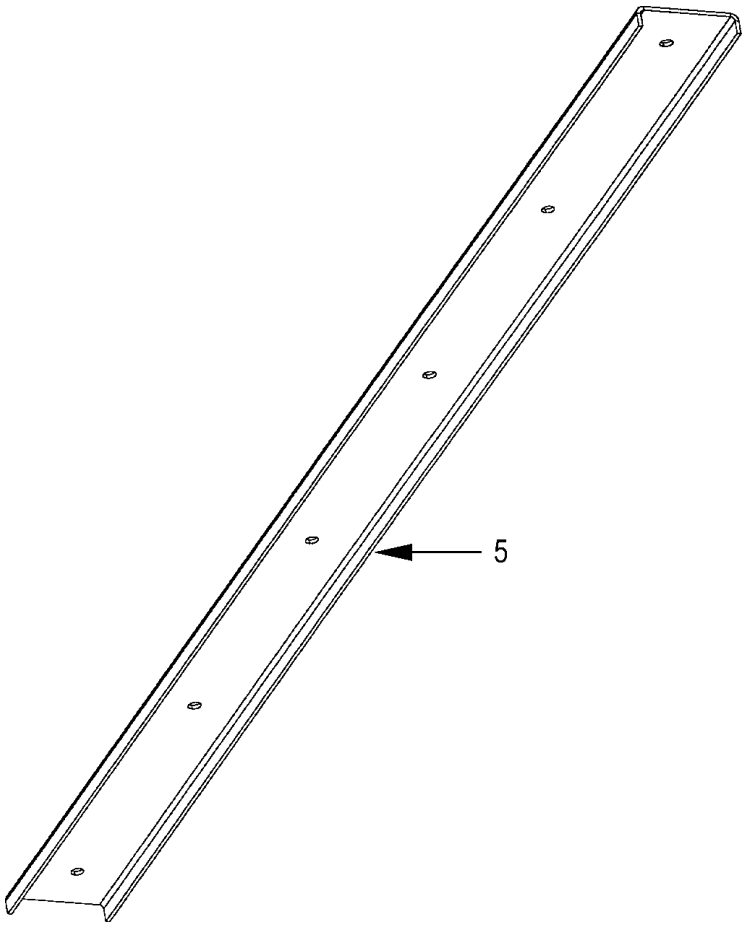
ITEM	PART	QTY.	PART DESCRIPTION
	8100886		SCALE\LOAD_CELL\KIT\2620
1	4800011	12	BOLT\HEX\3/4X3-1/2
2	4800063	4	BOLT\HEX\3/4X4
3	4800199	8	BOLT\L\3/4X5-1/4X7-1/4
4	4900004	32	NUT\HEX\3/4\NC
5	5000005	20	WASH\FLAT\3/4
6	5000012	32	WASH\LOCK\3/4
7	8100883	2	MNT\SHREADER\LOADCELL
8	8100884	2	MNT\RIGHT\MNFRM\LOADCELL
9	8100885	2	MNT\LEFT\MNFRM\LOADCELL
10	7500939	4	LOAD\CELL\SCALE
10 & 11	7500841	1	SCALE\EZ150\DIGI-STAR
	0501006	1	INSTR\KIT\SCALE\CELL\2620
	4800220	6	SCR\RD\SLOT\#10-24X3/4\NC
	4900072	6	NUT\HEX\#10\NC
	5000071	6	WASH\LOCK\EXT\STAR\#10





1. POSTION BARS AS SHOWN
2. CLAMP IN PLACE
3. DRILL (6) 9/16 HOLES PER BAR
   USING THE BAR AS A GUIDE.
4. ATTACH AS SHOWN USING LISTED HARDWARE

ITEM	PART	QTY.	PART DESCRIPTION
1	4800082	6	BOLT\HEX\1/2X1-1/2
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
	8100973		CHNNL\STRPPR\KIT Note - this includes 1 stripper bar and hardware 2 bars can be mounted in machine



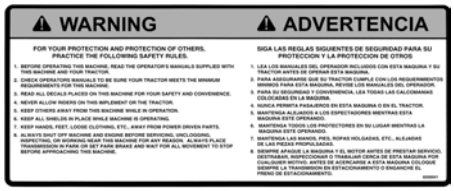
HAYBUSTER

1.

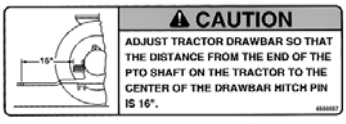
2.

3.

4.



5.



6.

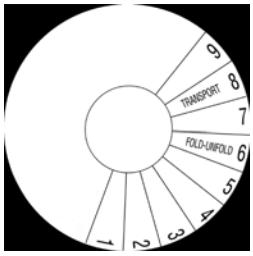
7.

HAYBUSTER

8.

9. 10.

11.



12.

2620

13.

14.

15.

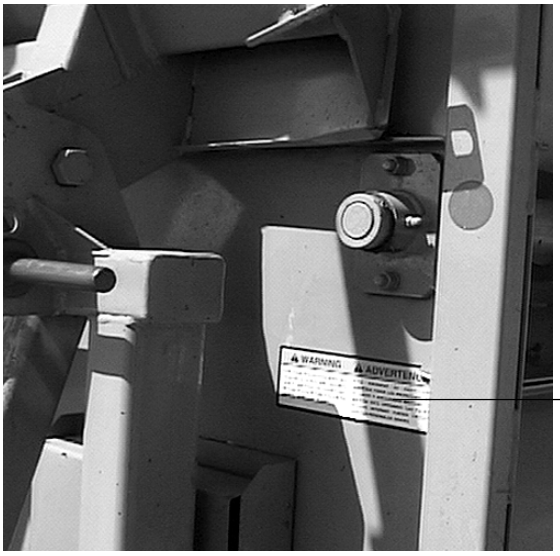
16.

ITEM	PART	QTY.	PART DESCRIPTION
1	6500020	2	DECAL\LOGO\HYBSTR\SNBRS\3
2	6500034	2	DECAL\DNGR\FLYG;HAY\RACK
3	6500035	1	DECAL\DNGR\ROTATNG;FLAILS
4	6500039	1	DECAL\SERIAL NO.
5	6500041	1	DECAL\WARN\PROTECTION
6	6500057	1	DECAL\CAUT\ADJ.DRAW BAR
7	6500085	1	DECAL\DNGR\ROTATNG;DR-LNE
8	6500304	1	DECAL\LOGO\HYBSTR\1-3/4”
9	6500267	5	DECAL\WARN\2\RED\REFCT
10	6500268	2	DECAL\WARN\2\AMBER\REFCT
11	6500291	1	DECAL\INFO\3\BLK\ARROW
12	6500292	1	DECAL\INFO\FOLD-UNFOLD
13	6500301	1	DECAL\LOGO\2620
14	6500302	7 FT.	DECAL\LOGO\STRIP\3\RD&BLK
15	6500303	1	DECAL\INFO\SLUGBAR\ADJ
16	6500036	1	DECAL\INFO\BALE ROTATION
	6500314		DECAL\KIT\2620

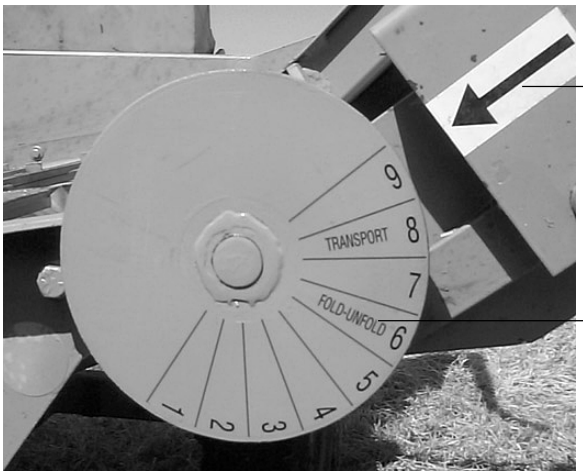
7500077	12 oz	Yellow Spray Paint
7500092	Quart	Yellow Paint
7500091	Gallon	Yellow Paint
7500078	12 oz	Red Spray Paint
7500105	Quart	Red Paint
7500104	Gallon	Red Paint


HAYBUSTER
2620
6500302
6500035
6500020


6500041
6500034
HAYBUSTER
2620
6500301
6500303
6500020
6500034
6500057
6500304
6500039



6500040



6500291

6500292


HAYBUSTER®

2620 BALEBUSTER Documentation Comment Form

DuraTech Industries welcomes your comments and suggestions regarding the quality and usefulness of this manual. Your comments help us improve the documentation to better meet your needs.

- Did you find any errors?
- Is the information clearly presented?
- Does the manual give you all the information you need to operate the equipment safely and effectively?
- Are the diagrams and illustrations correct?
- Do you need more illustrations?
- What features do you like most about the manual? What features do you like least?

If you find errors or have specific suggestions, please note the topic, chapter and page number.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Send your comments to:

DuraTech Industries International, Inc.
P.O. Box 1940
Jamestown, ND 58402-1940
OR
Contact us through our website: www.duratechindustries.net

Thank you for taking the time to help us improve our documentation.

Please fill out the delivery report on the following pages. The white copy is to be returned to:

DuraTech Industries International Inc.
P.O. Box 1940
Jamestown, ND
58402-1940

The yellow copy is the dealer copy; the pink copy is to be retained by the customer.