

## **2100™ BALEBUSTER**

*Serial Number 21CJ010100 & UP*



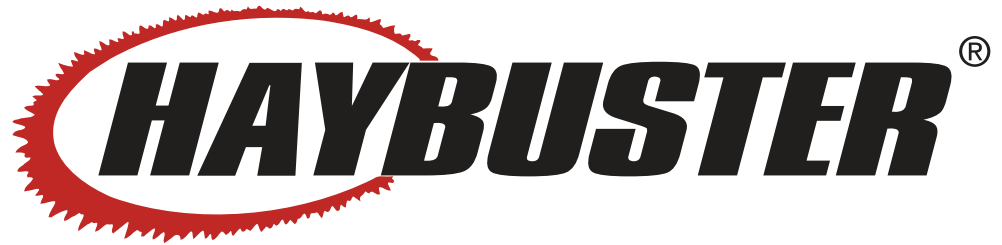
*Operating Instructions*



*and Parts Reference*







# ***2100 BALEBUSTER™***

**Serial Number 21CJ010100 and Up**

## ***Operating Instructions***

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## ***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 2100 BALEBUSTER™ as of the date of publication. DuraTech Industries reserves the right to make updates to the machine from time to time. Even in the event of such updates, you should still find this manual to be appropriate for the safe operation and maintenance of your unit.

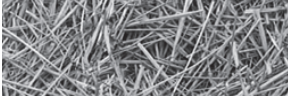
This manual, as well as materials provided by component suppliers to DuraTech Industries are all considered to be part of the information package. Every operator is required to read and understand these manuals, and they should be located within easy access for periodic review.



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## FOREWORD



## Foreword

**All personnel must read and understand the following sections before operating the 2100 BALEBUSTER™.**

- Section 2, "Dealer Preparation," to verify that the machine has been prepared for use.
- Section 3 which explain normal operation of the machine.
- Foreword and Section 1, important safety information.
- Section 3.2.1, "Pre-Operation Inspection".

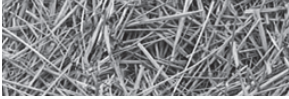
### **Appropriate use of unit**

Your model 2100 BALEBUSTER™ is designed to load and shred most types of baled livestock forage. It is designed specifically for use on 6-1/2 ft. diameter round bales weighing up to 1,500 pounds and 5-1/2 feet in length.

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

The 2100 BALEBUSTER has multiple uses:

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



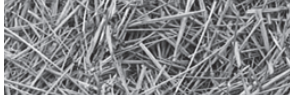
## Operator protection



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

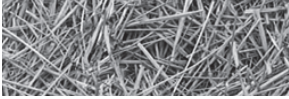
The OPERATOR IS RESPONSIBLE for the safety of the operator and those in the surrounding area.

Operators of the 2100 BALEBUSTER are required to wear head, eye, and ear protection, No loose clothing is allowed.



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# ***2100 BALEBUSTER™***

**Serial Number 21CJ010100 and Up**

## ***Operating Instructions***

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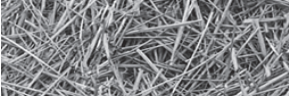


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# Introduction

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

The 2100 BALEBUSTER has multiple uses:

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

## Purpose

The purpose of this owner’s manual is to explain maintenance requirements and routine adjustments for the most efficient operation of your 2100 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, left hand, or right hand of this machine, the reference is always made from standing at the rear end of the machine and looking toward 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 2100 BALEBUSTER**

**SERIAL NO** \_\_\_\_\_

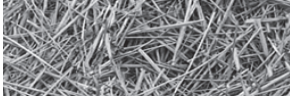
## How to use this manual

### Manual organization

This manual is organized into the following parts:

- **Part 1: Operating instructions** explain how to set up, use and maintain the 2100 BALEBUSTER.
- **Part 2: Parts reference** contains diagrams of each assembly, with the part number of each part. A key on the facing page contains a description of the part and the quantity used.





## Dealer responsibilities

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

## Operator responsibilities

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

## Serial Number Location

The serial number location can be found in two places on this machine.

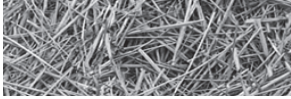
One is on a decal located just above the PTO shield and the other one is stamped on the right hand side of the mainframe towards the front of the machine.

Please have the serial number handy when making inquiries about the machine.

serial number  
decal location

stamped serial  
number location





# 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 2100 BALEBUSTER.**

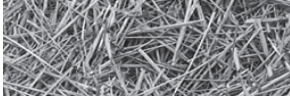
## 1.1 Safety-alert symbols

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 also be clean and dry.
- When replacing a machine component to which a decal is attached, be sure to also replace the decal.



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



## Safety-Alert Symbol

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

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

**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.

**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.

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**.



**DANGER:**

Signal word - White Lettering/Red Background

Safety Alert Symbol - White Triangle/Red Exclamation Point



**WARNING:**

Signal word - Black Lettering/Orange Background

Safety Alert Symbol - Black Triangle/Orange Exclamation Point

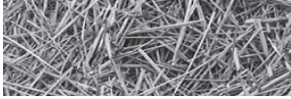


**CAUTION:**

Signal word - Black Lettering/Yellow Background

Safety Alert Symbol - Black Triangle/Yellow Exclamation Point





## 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 **2100 BALEBUSTER** when you are fatigued. Be alert - If you get tired while operating your **2100 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 head with a hard hat to reduce the risk of injury from flying debris.



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



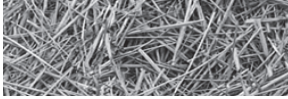
Good footing is most important. Wear sturdy boots with nonslip soles. Steel-toed safety boots are recommended.



To reduce the risk of injury to your eyes never operate a **2100 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 muffers) 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



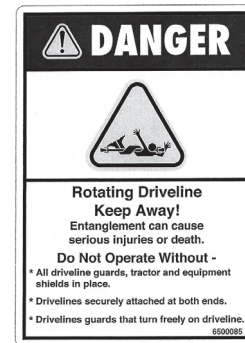
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**DANGER:** ROTATING DRIVELINE, CONTACT CAN CAUSE DEATH, KEEP AWAY!

DO NOT OPERATE WITHOUT

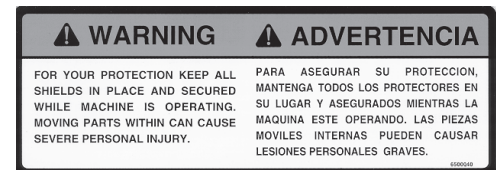
- ALL DRIVELINE GUARDS, TRACTOR AND EQUIPMENT SHIELDS IN PLACE
- DRIVELINES SECURELY ATTACHED AT BOTH ENDS
- DRIVELINE GUARDS THAT TURN FREELY ON DRIVELINE



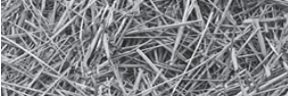
6500085



**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. Read and understand operators manual before operating machine.
2. Place all controls in neutral, stop engine, remove ignition key, lock out power source, and wait for all motion to stop before servicing, adjusting, repairing, or unplugging.
3. Read and understand all decals on machine for your safety.
4. Keep all shields in place while machine is in operation.
5. Keep hands, feet, hair, and clothing away from moving parts.
6. Keep others away from machine while in operation.
7. Install safety locks before transporting, or working beneath components.
8. Do not allow riders at any time.
9. Do not leave machine unattended with engine running.
10. Keep all hydraulic lines, couplings, and fittings free of leaks during operation.
11. Keep away from overhead electrical lines. Electrocutation can occur without direct contact.
12. Review safety instructions periodically.

 <b>WARNING</b> FOR YOUR PROTECTION AND SAFETY OF OTHERS, FOLLOW THESE SAFETY RULES.	 <b>ADVERTENCIA</b> PARA SU PROTECCIÓN Y LA SEGURIDAD DE OTROS, OBSERVE ESTAS NORMAS DE SEGURIDAD
<ol style="list-style-type: none"> <li>1. Read and understand operators manual before operating machine.</li> <li>2. Place all controls in neutral, stop engine, remove ignition key, lock out power source, and wait for all motion to stop before servicing, adjusting, repairing, or unplugging.</li> <li>3. Read and understand all decals on machine for your safety.</li> <li>4. Keep all shields in place while machine is in operation.</li> <li>5. Keep hands, feet, hair, and clothing away from moving parts.</li> <li>6. Keep others away from machine while in operation.</li> <li>7. Install safety locks before transporting, or working beneath components.</li> <li>8. Do not allow riders at any time.</li> <li>9. Do not leave machine unattended with engine running.</li> <li>10. Keep all hydraulic lines, couplings, and fittings free of leaks during operation.</li> <li>11. Keep away from overhead electrical lines. Electrocutation can occur without direct contact.</li> <li>12. Review safety instructions periodically.</li> </ol>	<ol style="list-style-type: none"> <li>1. Lea y comprenda el manual del operador antes de operar la máquina.</li> <li>2. Coloque todos los controles en punto neutro, apague el motor, retire la llave de encendido, cierre la alimentación de electricidad y espere a que se detenga toda el movimiento antes de proceder al servicio, ajuste, reparación o desenchufado.</li> <li>3. Lea y comprenda todas las calcomanías adheridas a la máquina para su seguridad.</li> <li>4. Mantenga todas las defensas en su lugar mientras la máquina está en funcionamiento.</li> <li>5. Mantenga las manos, pies, cabello y ropa lejos de las partes en movimiento.</li> <li>6. Mantenga a otras personas alejadas de la máquina en funcionamiento.</li> <li>7. Instale trabas de seguridad antes de proceder al transporte o a trabajar debajo de los componentes.</li> <li>8. No permita en ningún momento que otras personas viajen en la máquina.</li> <li>9. No deje a la máquina sin operador con el motor encendido.</li> <li>10. Mantenga todas las líneas hidráulicas, acoplamientos y accesorios sin fugas durante el funcionamiento.</li> <li>11. Permanezca alejado de las líneas eléctricas elevadas. Puede producirse la electrocución sin contacto directo.</li> <li>12. Analice las instrucciones de seguridad en forma periódica.</li> </ol>

6500041



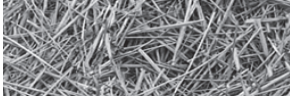
**WARNING: NO RIDERS**  
SERIOUS INJURY COULD RESULT FROM RIDING ON THE MACHINE

 <b>WARNING</b> <b>No Riders</b> Serious personal injury could result from riding on the machine.		 <b>ADVERTENCIA</b> <b>Pasajeros Prohibidos</b> Podrían resultar lesiones personales graves al viajar en la máquina.
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- Replacement decals can be purchased from your Haybuster dealer.





## 1.4 Shielding

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

## 1.5 Personal equipment

Operators of this machine are required to wear head, eye, and ear protection. No loose clothing is allowed.

## 1.6 Safety review

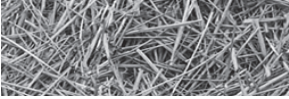
### BEFORE OPERATING

1. Read and follow all instructions contained in:
  - a. This **2100 BALEBUSTER operator's manual**
  - b. Tractor operator's manual
  - c. Decals placed on the 2100 BALEBUSTER.



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

2. Allow only responsible, properly instructed individuals to operate your machine. Carefully supervise inexperienced operators.
3. Use a tractor that meets the tractor requirements contained within this manual. Additional weights may be necessary.
4. Make sure the machine is in good operating condition and that all protective shields are in place and in proper working order. Replace damaged shields before operating.
5. Be sure all bystanders and other workers are clear before starting tractor and 2100 BALEBUSTER.
6. Make no modifications to the machine unless specifically recommended or requested by the manufacturer.
7. Check periodically for breaks or unusual wear and make any necessary repairs.
8. Be sure the unit is securely attached to a tractor of equal or greater weight than the 2100 BALEBUSTER and bale.



## DURING OPERATION

1. 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. **Never work on or near the 2100 BALEBUSTER unless engine is shut off and flails stopped.**
  - c. Disengage PTO and make sure everyone is clear of machine before starting engine.
2. 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 shields 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.
3. Power takeoff shafts must be locked in place with protective PTO shields in place.
4. Keep hands, feet and clothing away from power driven parts.
5. **Never leave tractor controls unattended while the engine is running.**
6. Never allow riders on the machine or tractor at any time.
7. Exercise extreme care when operating on rough and or steep terrain. Avoid operation on terrain that is excessively rough or steep.

## DURING SERVICE AND MAINTENANCE

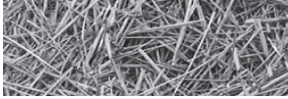


**CAUTION:** When performing service and maintenance, make sure your tractor engine is off.

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

1. Check for loose or badly worn bolts.
2. Check for loose or misaligned sprockets on bale conveyor.
3. Conveyor chain should be adjusted to allow lifting slat 1" to 1-1/2" above deck.
4. Follow Lubrication Chart.
5. Inspect rotor and all rotating parts for twine or wire build-up.
6. Check air pressure in tires, 40 psi (2.76 bar)



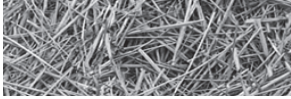


7. The discharge deflector is adjustable to allow forage to be spread to any desired width.
8. Slug bars in front of rotor may be adjusted to expose more or less of the flail knives by adding or subtracting washers. **(See section 3.4, “Adjusting the machine” for more information)**
9. Check wheel bearings, and seals
10. Torque flail knife anchor bolts, 156 ft. lbs. (21.5 Kg/m)
11. Relieve all pressure in the hydraulic system before disconnecting the lines or performing other work on the system. Make sure all connections are tight and lines are in good condition before applying pressure to the system.

## **1.7 Towing/road transport**

This machine is designed to fold for ease of transportation and storage.

1. To fold rack and deflector, loader and tine frame:
  - a. Raise the deflector to it's highest position.
  - b. Unlock rack strap. Fold rack and deflector into chamber.
  - c. Tilt hinge frame hydraulically to allow loader tine frame to be folded into transport position. Lock tine frame pin in transport position.
  - d. Tilt hinge frame hydraulically into transport/storage position.
2. Use good judgment and drive slowly over rough or uneven terrain.
3. Be sure tractor brakes are properly adjusted and foot pedals are locked together.
4. 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 Assembly required

Park 2100 BALEBUSTER on flat surface, and block wheels.

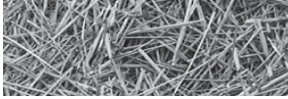
Open shipping kit, verify that all parts are included.

Refer to the parts book portion, pages 38 and 39, Main Frame Assembly; and pages 54 and 55, Shipping Kit Hardware for this portion.

1. Attach adjustable hitch parts 8100654 and 8100655 (parts 27 and 26) to frame using the 1x3 and 3/4x2-1/2 bolts as shown in the drawing. Tighten the bolts and nuts. Hole position will depend on the tractor used, see section 3.2.2 for more information.
2. Attach hitch brace 8100137 using the 5/8x2 bolts, as shown in the drawing.
3. Attach link pins, 4800086 to hitch. If installing a quick tach, refer to pages 66 and 67, BALEBUSTER Quick Tach for placement of parts.
4. Install PTO shaft on Rotor shaft
  - A. Place key 6200020 in keyway.
  - B. Slide the machine end yoke of the PTO shaft over the rotor shaft and key.
  - C. Tighten the clamp bolt to lock the PTO yoke in place.
  - D. Tighten the set screw to hold the key in place.

Refer to pages 40 and 41, Shredder Front Assembly for this portion

5. Install PTO shield 8101144 on 2100 BALEBUSTER using the 3/8x1 bolts as shown in the drawing.
6. Be sure to measure shaft end distances when hitching to tractor, see section 3.2.2.



## 2.2 Pre-delivery inspection

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

- ☐ Check machine for shortage or damage in transit
- ☐ Check for loose bolts or set screws
- ☐ Check all hydraulic components for leaks or damage
- ☐ Check lug bolts for tightness
- ☐ Check tires for proper air pressure (40 psi or 2.76 bar)
- ☐ Check condition of tire rims
- ☐ Check machine for proper lubrication
- ☐ Check all chains for proper adjustment
- ☐ Check all shields for installation and condition
- ☐ Check condition of all decals
- ☐ Check all phases of operation
- ☐ Check for loose flail anchor bolts, torque to 156 ft. lbs. (21.5 Kg/m)

## 2.3 Machine operation check

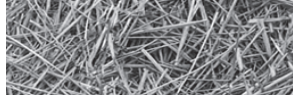
With Tractor hooked up to the 2100 BALEBUSTER, try all functions on the machine.

**When unfolding, keep bystanders away from work area.**

1. Unfold rack and deflector, and loader tine frame; To unfold the loader tine frame, place the tine frame in the unlocked position, tilt hinge frame hydraulically to allow loader tine frame to lay on ground. Lock tine frame pin, located at hinge point, to prevent tines from folding in each time a bale is loaded. Unlock latch pin. Fold out rack and deflector. Lock both into working position.
2. Adjust the deflector.

**With the engine at idle:**

1. Raise and lower the loading tines.
2. Engage the bale conveyor, and adjust conveyor speed control valve on the 2100 BALEBUSTER.
3. Engage the tractor PTO, and the rotor should start turning. Listen for any odd noises and vibrations.

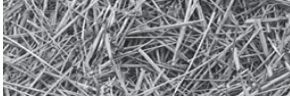


## 2.4 BIG BALEBUSTER shipping list

ITEM	PART NO.	QTY.	DESCRIPTION
1.	8100655	1	Adjustable Hitch, Right Hand
2.	8100654	1	Adjustable Hitch, Left Hand
3.	8100137	1	Adjustable Hitch, Brace
4.	4800086	2	Link Pin, 1-1/8"
5.	8101144	1	PTO Shield
6.	5000025	2	1-1/8" Lock Washer
7.	4900024	2	1-1/8" Hex Nut Fine Thread
8.	4800140	2	1"x3" Bolt
9.	5000053	2	1" Lock Washer
10.	4900031	2	1" Nut
11.	4800115	2	3/4 x 2-1/2" Bolt
12.	5000012	2	3/4" Lock Washer
13.	5000005	2	3/4" Flat Washer
14.	4900004	2	3/4" Nut
15.	4800010	4	5/8"x2" Bolt
16.	5000003	4	5/8" Lock Washer
17.	4900005	4	5/8" Hex Nut
18.	5000002	4	5/8" Flat Washer
19.	0500115	1	Operation & Parts Manual



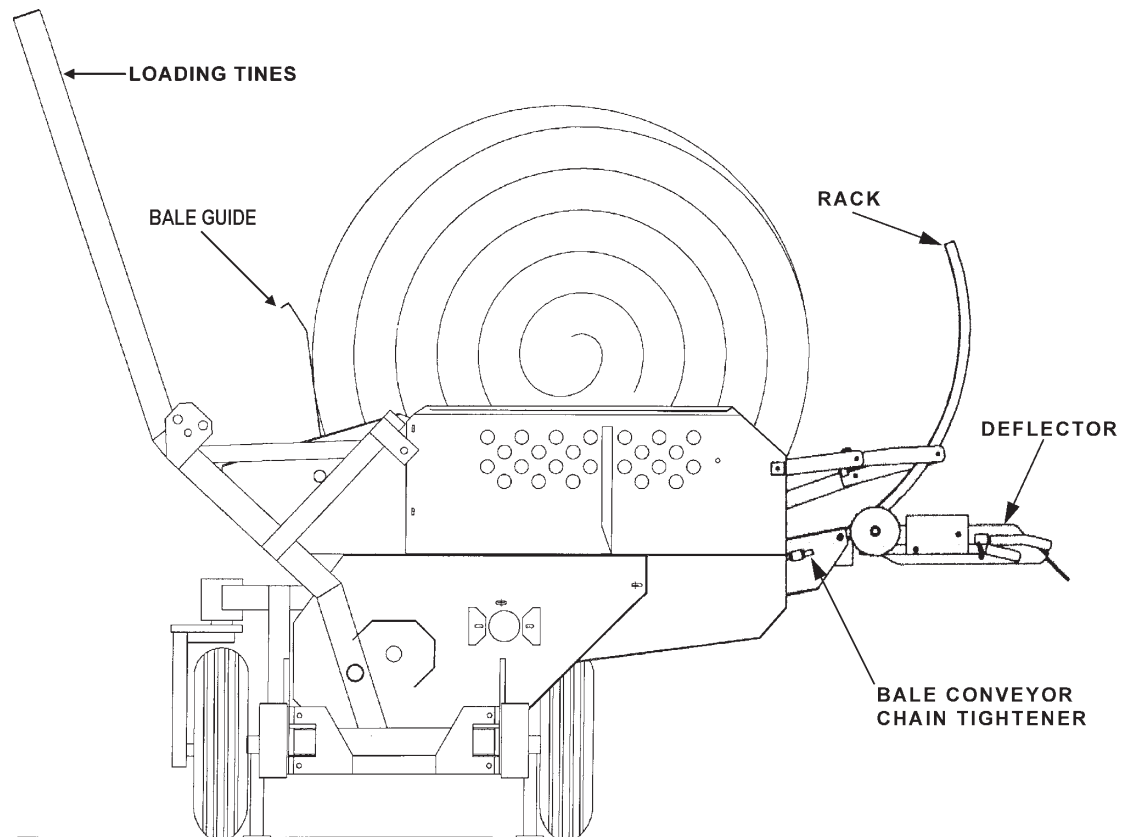
**NOTE:** See pages 38 and 39 Main Frame Assembly, and pages 54 and 55 Shipping Kit Hardware for more information.



## Section 3: Machine Operation

### 3.1 Introduction to the machine

Figure 3.1  
Front view of the 2100  
BALEBUSTER



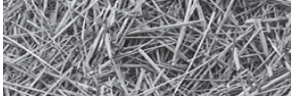
#### 3.1.2 Operator's station/controls

Operator controlled items:

- Loading tines, to load the bale. One tractor hydraulic circuit is used to control loading tines. (See section 3.2.6 for more information.)
- The PTO shaft, which runs the rotor.
- The bale conveyor chain. Another tractor hydraulic circuit is used to control the bale conveyor's speed and direction. If the tractor is equipped with a PFC circuit, use it to control the bale conveyor.

Adjustable items:

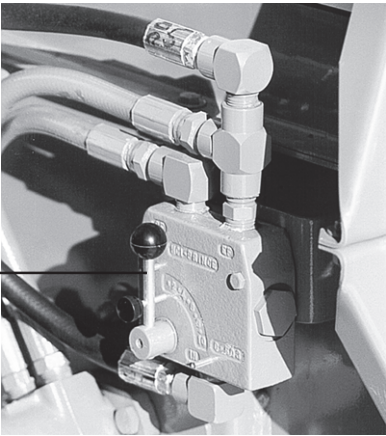
- The conveyor speed control valve (See section 3.4.2 for more information.)
- Slug bar setting (See section 3.4.2 for more information.)
- Deflector settings (See section 3.4.1 for more information.)



### 3.1.3 Bale conveyor speed

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

speed control valve



### 3.1.4 Deflector

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

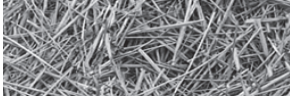
Figure 3.2  
deflector adjustments -  
deflector release lever  
and deflector latch  
handle



deflector position indicator

deflector release lever

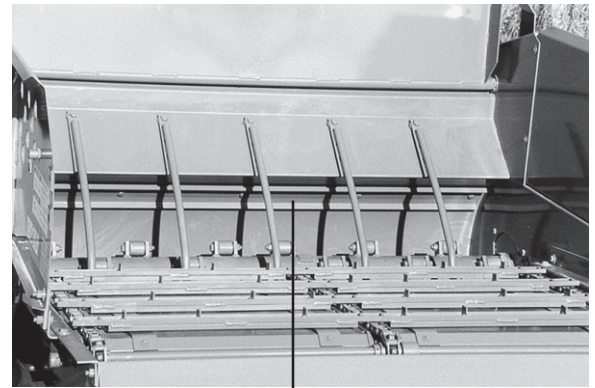
deflector latch handle



### 3.1.5 Stripper plates/screens

The BALEBUSTER comes with one stripper plate standard. For a finer cut, one or two more stripper plates can be added. (See section 3.4.2, for more information about adding or removing stripper plates.)

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

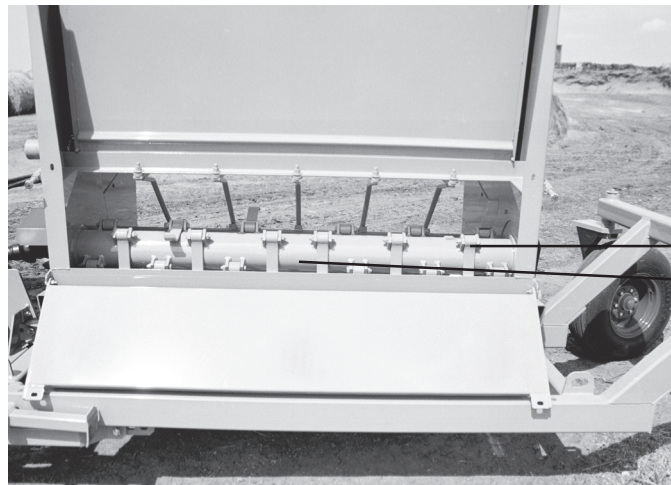


stripper plate

### 3.1.6 Rotor

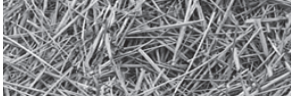
The rotor flails shred the bale and throws the material into the deflector. Rotor speed should remain constant, which is done by keeping the tractor PTO at 1000 RPM.

Figure 3.3  
Location of the rotor and flails



flail  
rotor



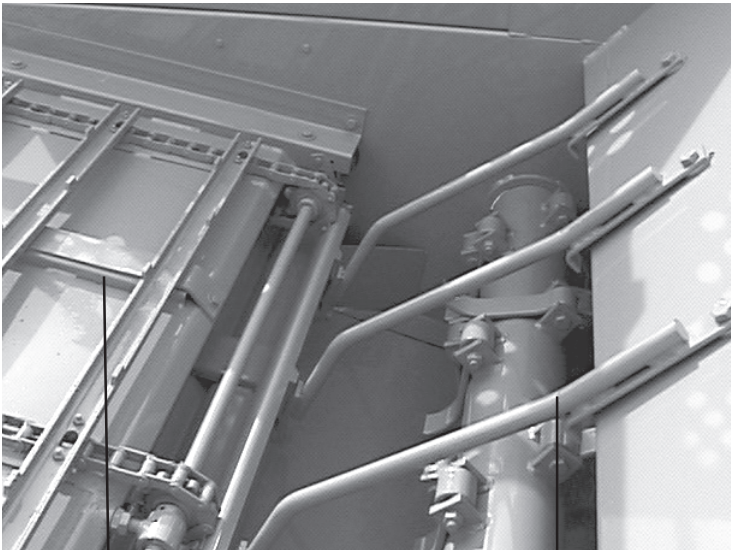


### 3.1.7 Slug bars

The 2100 BALEBUSTER comes with five slug bars.

The slug bars can also be adjusted to expose more or less of the flail knives to the bale. This is accomplished by adding and subtracting flat washers, from either end of each bar.

Operating tractor at maximum RPM allows machine to do a better job of chopping forage, and also minimizes twine buildup on the rotor. Twine buildup should be kept to a minimum to reduce fire hazard.



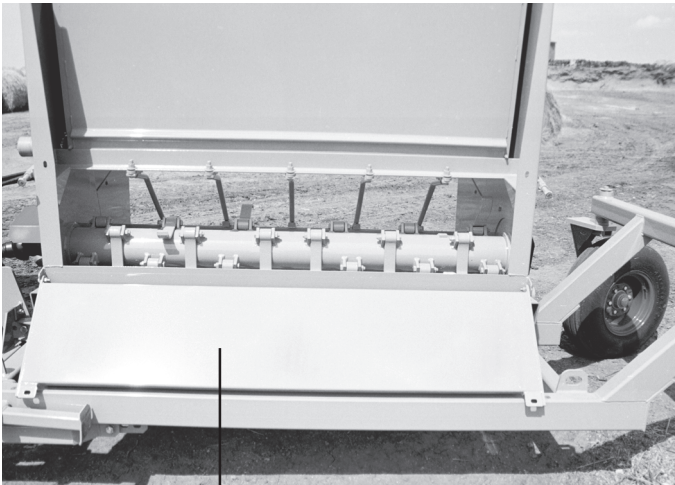
bale conveyor

slug bar



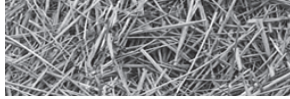
**WARNING: SERIOUS INJURY COULD RESULT IF MACHINE IS ALLOWED TO TIP.** Basic machine is equipped with two (2) stands for storage. Make sure base of stands are setting firmly before unhooking from tractor mounts. Always operate slat conveyor to rotate bale in direction indicated by arrow on front shield. Reverse the direction of rotation only if bale is lodged or hesitates to turn.

### 3.1.8 Rotor access door



rotor access door





## 3.2 Operation

To insure long life and economical operation, we highly recommend the operator of the 2100 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 2100 BALEBUSTER.

### 3.2.1 Pre-operation inspection



**WARNING:** Before inspecting the machine, use the normal shutdown procedure in section 3.2.4.

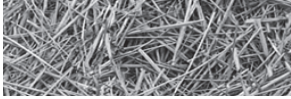
Check the following:

- ☐ Condition of flails and attachment bolts.
- ☐ Rotor for twine build-up.
- ☐ Chains for proper tension, and condition.
- ☐ Check for loose bolts, worn or broken parts.
- ☐ All lubrication points have been serviced.
- ☐ Lug nuts for tightness.
- ☐ Condition of tire rims.
- ☐ Tires for proper air pressure. (40 psi or 2.76 bar)
- ☐ Installation of slow moving vehicle (SMV) sign if required.
- ☐ Installation and condition of shields.
- ☐ Condition of decals.
- ☐ Hydraulic components for leaks or damage.
- ☐ Check for loose flail anchor bolts, torque to 156 ft. lbs. (21.5 Kg/m)



**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.

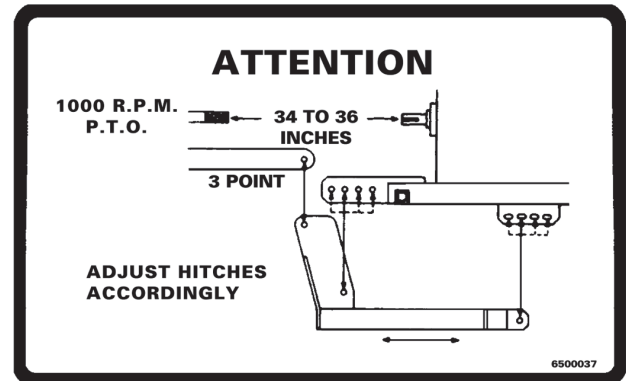
- ☐ Test run the 2100 BALEBUSTER before loading. To prevent damaging the 2100 BALEBUSTER always engage PTO with engine idling. Look for excessive vibration, loose or broken parts. Make any necessary repairs before attempting to do any bale feeding.



### 3.2.2 Hitching the 2100 BALEBUSTER to a tractor

To hitch the 2100 BALEBUSTER to a tractor, perform the following steps:

1. These settings must be made to the tractor's 3-pt hitch prior to operating the 2100 BALEBUSTER.
  - A. Eliminate the 3-pt hitch side-to-side movement by installing or setting the sway blocks for the rigid operation.
  - B. Eliminate lower link mechanical flotation by setting it to the rigid position.
  - C. See the operator's manual or your tractor's dealer for precise instructions.



2. Measure the distance between the end of the PTO shaft and the end of the rotor shaft. The distance should be 34-36 inches.



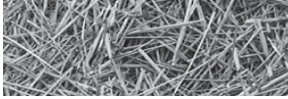
**NOTE:** If distance is not 34-36 inches, follow steps 3-5.

3. Detach the tractor from the 2100 BALEBUSTER.
4. Reinstall the adjustable hitches in any of the four holes on the main frame so that the 34 to 36 inch measurement will be obtained when the tractor is attached.
5. Reattach the tractor to the 2100 BALEBUSTER.
6. Attach the PTO shaft to the tractor PTO shaft. Depress the button on the coupling and slide the coupling onto the splined shaft. Make sure the spring loaded safety catch is properly seated.
7. Connect the two hydraulic hoses from the hydraulic cylinder to one set of hydraulic couplers on the tractor.
8. Connect the two hydraulic hoses from the bale conveyor speed control valve to the second set of hydraulic couplers on the tractor.
9. Raise the three point hitch until the 2100 BALEBUSTER frame is level. Lock the hitch control lever in that position.
10. Remove pin on jackstands, and then turn jackstands 90° and use the pin to reinstall the jackstands on the bracket. (See Figure 3.5)



**NOTE:** The use of stabilizers or sway bars is recommended to prevent sideways movement of the machine.

**IMPORTANT:** When using smaller tractors in the CATEGORY III class, be certain three-point rating is at least 4000 lbs.



**WARNING:** Improper hitch adjustment may cause separation of P.T.O., driveline when loading bale or operating over uneven terrain. Separation may also occur if three point links are lifted excessively high.

### 3.2.3 Starting the machine

With Tractor hooked up to the 2100 BALEBUSTER, try all functions on the machine.

1. To unfold rack and deflector, loader tine frame:
  - a. Place the tine frame pin in the unlocked position.
  - b. When unfolding, keep bystanders away from the work area.
  - c. Start the engine; tilt hinge frame hydraulically to allow the loader tine frame to be unfolded and lay on ground.
  - d. Lock tine frame pin into working position.
  - e. Tilt hinge frame hydraulically to working position.
  - f. Unlock rack strap. Fold out rack and deflector. Lock into working position.
2. Adjust the deflector.

**With the engine at idle:**

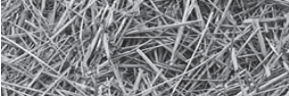
1. Raise and lower the loading tines.
2. Engage the bale conveyor, and adjust conveyor speed control valve on the 2100 BALEBUSTER.
3. Engage the tractor PTO, and the rotor should start turning. Listen for any odd noises and vibrations.



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

To start the machine, perform the following steps:

1. Adjust the deflector to desired position.
2. Load bale into the 2100 BALEBUSTER. (See Section 3.2.6 for a description of this procedure.)
3. Position the 2100 BALEBUSTER where you want to begin shredding the bale.
4. Engage the PTO, and increase tractor engine speed so PTO is at 1000 RPM.
5. Engage the bale conveyor, and check to see if the bale is turning in the right direction. The proper direction of bale rotation is indicated by the bale rotation decal located on the front of the 2100 BALEBUSTER.



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



**NOTE:** Operate bale conveyor to rotate the bale in direction indicated by arrow on the front shield. Reverse direction only if the bale is lodged or hesitates to turn.



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

### 3.2.4 Normal shut-down procedure



**WARNING:** 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 2100 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.

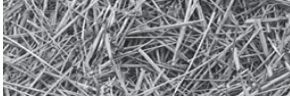
To shutdown the machine, perform the following steps:

1. Shut hydraulic drive off for chain conveyor.
2. Disengage PTO
3. Lower machine to ground level.
4. Place transmission in park or set park brake
5. Shut Off engine and remove key.
6. Wait for all movement to stop.

### 3.2.5 Unhitching the 2100 BALEBUSTER from a tractor

To unhitch the 2100 BALEBUSTER from a tractor, perform the following steps:

1. Run the 2100 BALEBUSTER until it is empty.
2. Shut-down the 2100 BALEBUSTER as described above, keeping the 2100 BALEBUSTER high enough to allow adjustment and lowering of the jackstands.
3. Remove the jackstand and pins, and turn jackstands 90° so that the machine can be supported by the jackstands. Reinstall the jackstands and pins on their brackets.
4. Lower machine until the 2100 BALEBUSTER rests on both jackstands.
5. Disconnect the hydraulic hoses from the tractor.



6. Disconnect the PTO from the tractor, and place the front half of the shaft into the bracket located on the front of the 2100 BALEBUSTER.
7. Disconnect the tractor lift arms from the 2100 BALEBUSTER.
8. Drive the tractor slowly away from the 2100 BALEBUSTER.

### 3.2.6 Loading bales into the 2100 BALEBUSTER

Figure 3.4  
Bale loading sequence



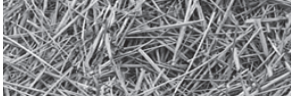
To load bales into the 2100 BALEBUSTER, perform the following steps:



**NOTE:** The loading area should be flat and level.

1. Position the 2100 BALEBUSTER ahead and to the side of the bale. Extend the hydraulic cylinder, lowering the loading tines until they are on the ground.
2. Back up slowly, while centering the bale between the tines. Back up until the loader frame touches the front of the bale.
3. Retract the hydraulic cylinder slowly. The bale will roll into the shredding chamber.
4. Once the cylinder is completely retracted, the 2100 BALEBUSTER is ready to shred the bale.





### 3.3 Transportation and storage

This machine is designed to fold for ease of transportation and storage.

1. To fold rack and deflector, loader and tine frame:
  - a. Raise the deflector to it's highest position.
  - b. Unlock rock strap. Fold rack and deflector into chamber.
  - c. Tilt hinge frame hydraulically to allow loader tine frame to be folded into transport position. Lock tine frame pin in transport position.
  - d. Tilt hinge frame hydraulically into transport/storage position.
2. Use good judgment and drive slowly over rough or uneven terrain.
3. Be sure tractor brakes are properly adjusted and foot pedals are locked together.
4. Check your state laws regarding the use of lights, slow moving vehicle signs, safety chain and other possible requirements.

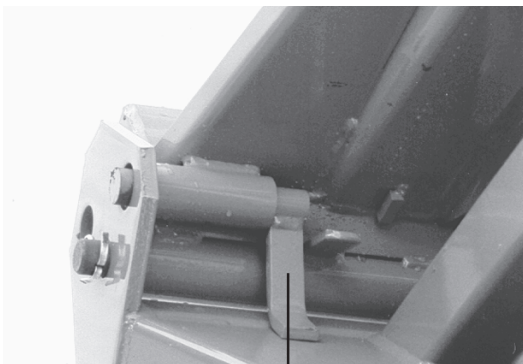


**NOTE:** A bracket is located on the front of the 2100 BALEBUSTER to hold the front half of the PTO shaft.

#### 3.3.1 Preparing for storage



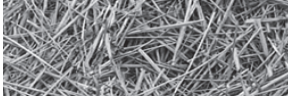
**WARNING:** When preparing machine for storage, use normal shutdown procedure.



tine frame pin in the  
locked transport  
position

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 2100 BALEBUSTER with a high-pressure washer, keep the nozzle away from the sealed bearings. Repaint places where bare metal is exposed - this will inhibit rusting.

Place the parking stands 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.



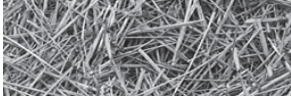
**Figure 3.5**  
**Location of parking stand,**  
**shown in transport/working**  
**position**



Check the machine for any worn or broken parts. By ordering parts now, you will avoid delays when it is time to Check Coat exposed lift cylinder rod with grease. Oil chains on conveyor. Lubricate thoroughly according to lubrication instructions. Repack wheel bearings. Check the machine for 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.

### **3.3.2 Removing from storage (shipping position)**

1. Remove all protective coverings.
2. Remove blocking from under 2100 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.



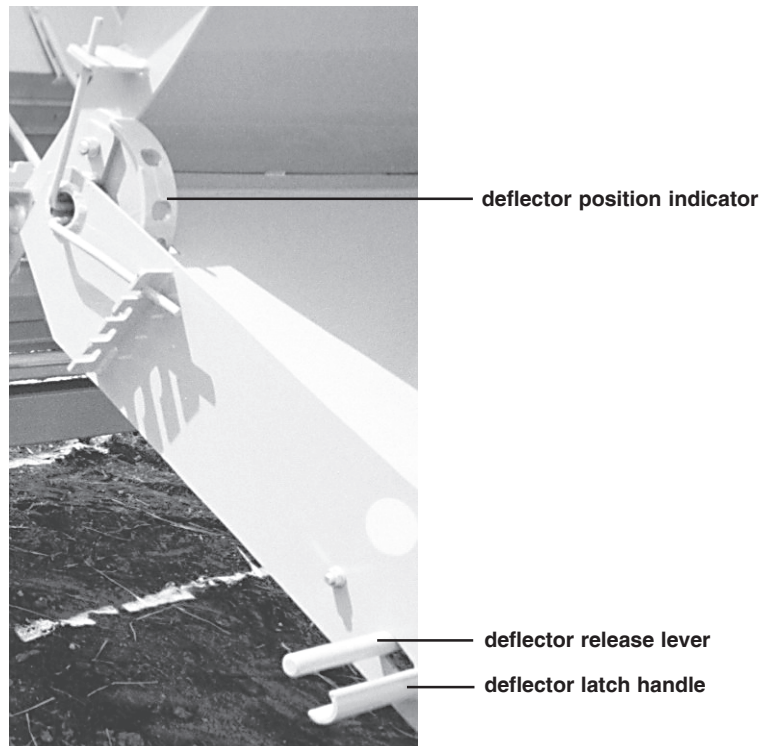
## 3.4 Adjusting the machine

### 3.4.1 Changing distribution pattern

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

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

**Figure 3.6**  
deflector adjustments -  
deflector release lever  
and deflector latch  
handle.



### 3.4.2 Changing length of cut

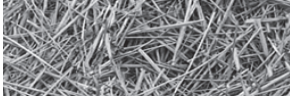
#### CHANGING STRIPPER PLATES

Adding stripper plates will produce a finer cut and removing plates will produce a coarser cut. (See **Figure 3.7** and **section 3.1.5**)

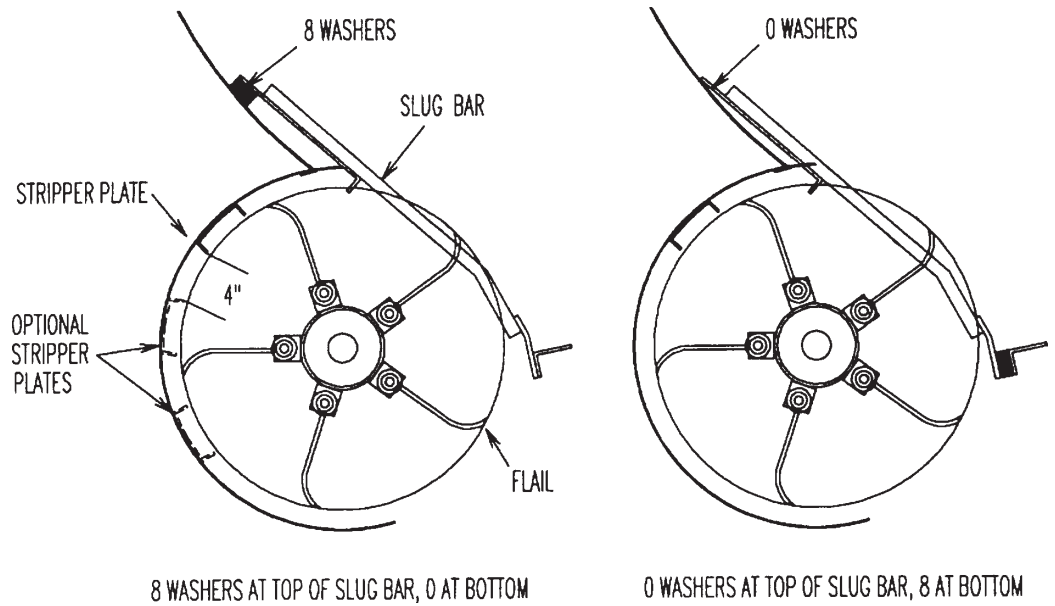
For a finer cut, one or two more stripper plates can be added. Space the added stripper plates 4" apart and drill five (5) 17/32" holes for each plate using the plate as a guide. Install the plate with five 1/2" x 1-1/2" bolts, flat washers, lock washers, and nuts.

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





**Figure 3.7**  
stripper plate position and  
slug bar settings



### CHANGING SLUG BAR SETTINGS

Exposing less flail will create a finer cut, while exposing more flail will create a coarser cut.

This is accomplished by moving flat washers from one end of each bar to the other end.

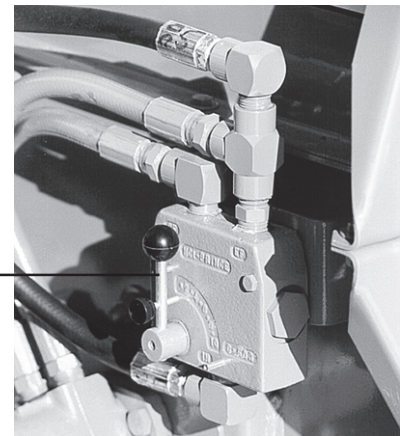
### ADJUST CONVEYOR SPEED

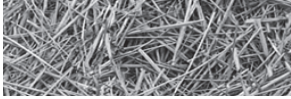
Moving the lever counterclockwise will slow the conveyor, and make a finer product. Moving the lever clockwise will speed up the conveyor and make a coarser product.

For tractors with PFC type hydraulic systems:

This valve should be set in the full open position. Conveyor speed can be controlled directly from the tractor controls.

speed control valve





### 3.4.3 Changing the bale guide spring

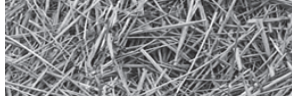
Place the 2100 BALEBUSTER in loading position (See section 3.2.6) to remove tension from the bale guide spring. Follow the normal shut-down procedure (See section 3.2.4). Remove clamp on the bottom hook of the spring. Loosen the bolt on the spring anchor. Remove spring and replace with new spring. Tighten bolt on spring anchor, hook bottom of spring to chain and replace clamp.

Clamp (PN# 48000034)



Spring anchor





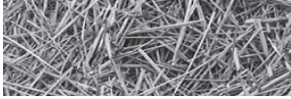
## Section 4: General maintenance



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

### 4.1 Maintenance and adjustments

1. Check for loose or badly worn bolts.
2. Check for loose or misaligned sprockets on bale conveyor.
3. Conveyor chain should be adjusted to allow lifting slat 1" to 1-1/2" above deck.
4. Follow Lubrication list in section 4.2.
5. Inspect rotor and all rotating parts for twine or wire build-up.
6. Check air pressure in tires, 40 psi. (2.76 bar)
7. Discharge deflector has adjusting straps to allow forage to be spread to any desired width. (**See section 3.4, "Adjusting the machine" for more information**)
8. Bale deflector has been preset at factory.
9. Slug bars in front of rotor may be adjusted to expose more or less of the flail knives by adding or subtracting washers. (**See section 3.4, "Adjusting the machine" for more information**)
10. Additional slug bars may be added to prevent slugs from going through rotor when shredding small or large square bales. A kit is available through your dealer.
11. Check wheel bearings, and seals.
12. Torque flail knife anchor bolts, 200 ft. Ibs. (27.65 Kg/m)
13. Relieve all pressure in the hydraulic system before disconnecting the lines or performing other work on the system. Make sure all connections are tight and lines are in good condition before applying pressure to the system.



## 4.2 Lubrication

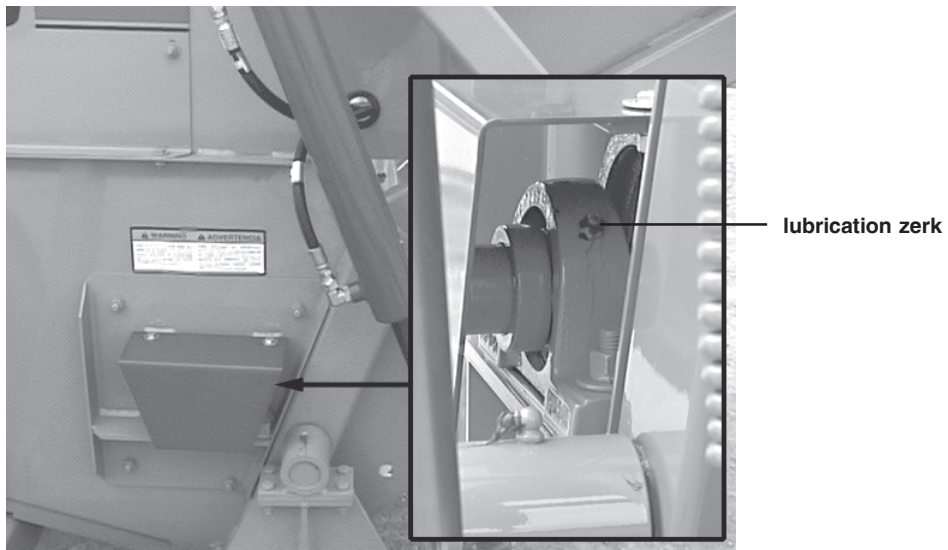
Machine has 9 points to lubricate with grease every 15 hours of operating time. Use high grade lubricant.

- 1 Rotor bearings (2 lubrication points, see Figure 4.1)
- 2 P.T.O. universal joints and telescoping shaft (3 lubrication points, see Figure 4.2)
- 3 Main frame pivot bushings (2 lubrication points, see Figure 4.3)
- 4 Swivel wheel pivot (2 lubrication points, see Figure 4.4)



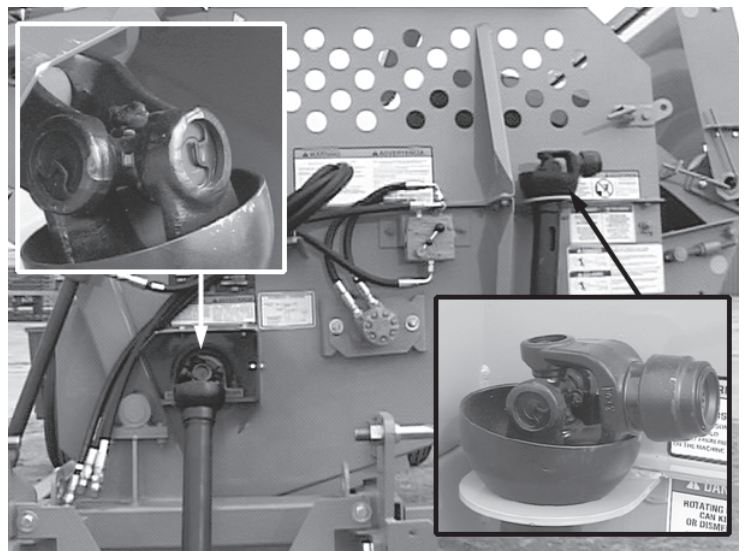
**CAUTION:** Always shut off machine before adjusting or lubricating.

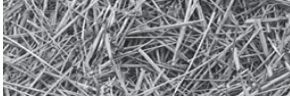
**Figure 4.1**  
Rotor bearing lubrication  
point one of two



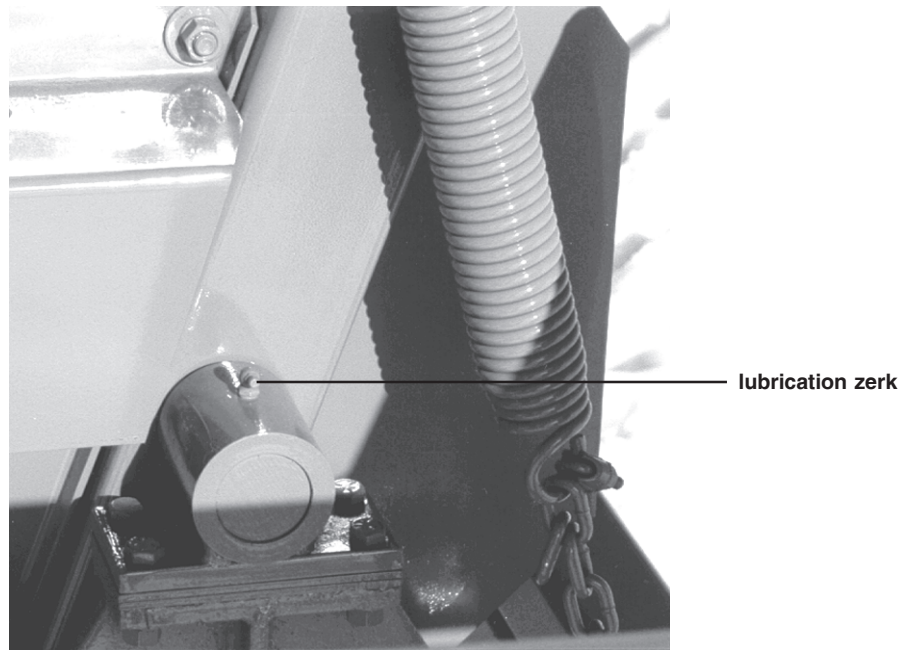
**Figure 4.2**  
Location of PTO  
universal joints and  
telescoping shaft

there are three lubrication points  
along the PTO universal joints and  
telescoping shaft

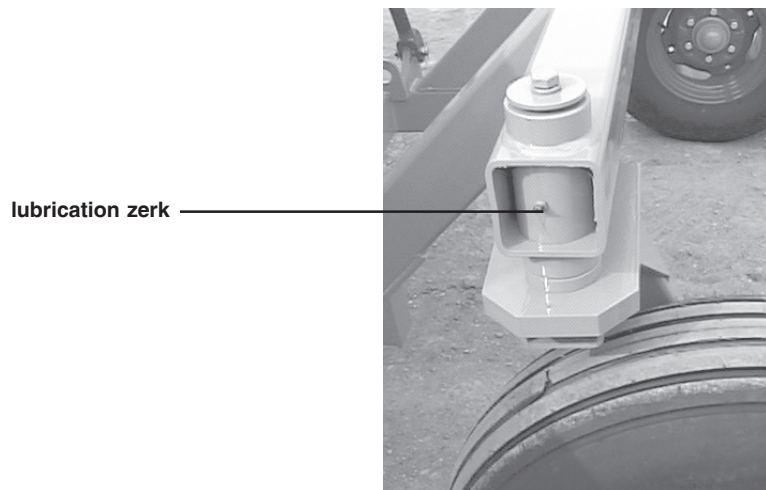




**Figure 4.3**  
Main frame pivot bushing  
lubrication point one of two



**Figure 4.4**  
Swivel wheel pivot lubrication  
point one of two



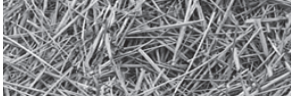
### **4.3 Axle, wheels, tires**

Repack wheel bearings annually.

### **4.4 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 2100 BALEBUSTER with a high-pressure washer, keep the nozzle away from the sealed bearings. Repaint places where bare metal is exposed.

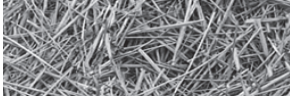




## Section 5: Troubleshooting

PROBLEM	CAUSE	REMEDY
1. No Capacity	1. Bale turning too slow.	1. Open flow control valve.
2. Bale Does Not Turn	1. Bale lodged in feeder.	1. Reverse rotation of slat conveyor.
3. Excessive Vibration	1. Broken flail.	1. Replace flail.
	2. Defective cylinder bearing.	2. Replace bearing.
	3. Misaligned or worn PTO.	3. Replace worn part or complete PTO.
4. Machine Will Not Lift Bale	1. Tractor hydraulic pressure too low.	1. Check pressure.
	2. Hydraulic oil leaking by piston in cylinder.	2. Repair or replace hydraulic cylinder.
5. Forage Too Coarse	1. Conveyor speed too fast.	1. Decrease conveyor speed.
	2. Slug bar set too low.	2. Raise slug bar to expose less flail.
	3. Stripper bar removed.	3. Replace or add additional stripper bar.
6. Forage Too Fine	1. Conveyor speed too slow.	1. Increase conveyor speed.
	2. Slug bar set too high.	2. Lower slug bar to expose more flail.
	3. Extra stripper bar installed.	3. Remove one or all stripper bars.
7. Forage Blows Past Bunk When Bunk Feeding	1. Deflector too high.	1. Lower deflector. Add (optional) 18-x73-3/4" deflector belting.





## 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.

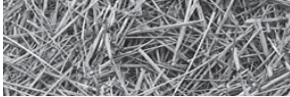
All claims for warranty must be made through the dealer which originally sold the product and all warranty adjustments must be made through same.

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 from 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: 2100 BALEBUSTER Specifications

## General

Tractor H.P. Required .....	See BEFORE OPERATING Min. 60 H.P.
Capacity .....	5-1/2 Ft. Long x 6-1/2 Ft. Dia., 1500 Lbs.
Rotor Length .....	78" (198 cm)
Rotor Diameter .....	25-1/2" (65 cm)
Rotor Bearings - Ball .....	1-3/4" (4.45 cm)
Knives- Heat-Treated .....	30
Caster Wheel - Taper Roller Bearings - Tire Size .....	9.5 L x 14 8-Ply

## Working Position:

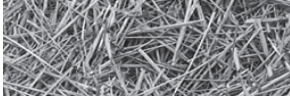
Length .....	153" (389 cm)
Width .....	156-1/2" (398 cm)
Height .....	116-3/4" (297 cm)

## Transport Position:

Length .....	153" (389 cm)
With Caster Wheel Removed.....	101" (257 cm)
Width w/Deflector Folded .....	122-3/4" (312 cm)
Width w/Tines and Deflector Folded .....	101" (257 cm)
Height .....	80-1/4" (204 cm)
2 Point Hookup	
P.T.O .....	1000 R.P.M.
Dual Hydraulics (single hydraulic system optional).....	1800 psi (124 bar)
Cylinder (2) 2-1/2" x 16" Double Acting	

## Options

- CAT II/III Quick Attach Bracket
- Wide Deflector Belting
- Stripper plate

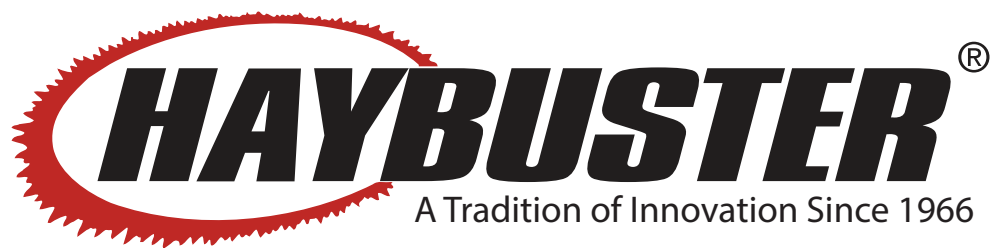


## Appendix C: Required For Operation



**WARNING:** Do not operate the 2100 BALEBUSTER unless the tractor complies with the following requirements:

1. Horsepower - 60 HP minimum.
2. Rollover protective structure and seat belts.
3. Hydraulic system - 8 gallons per minute (30 liters per minute) minimum, 1,800-Psi minimum (124 bar) two-way valves.
4. Two double acting control valves.
5. The tractor must be of equal or greater weight than the 2100 BALEBUSTER and bale to assure adequate braking and steering control.
6. Counterbalance weight - It may be necessary to add weight to the front end of your tractor to maintain adequate tractor stability and control. At least 20% of the total weight must remain on the front axle.





# ***2100 BALEBUSTER™***

**Serial Number 21CJ010100 and Up**

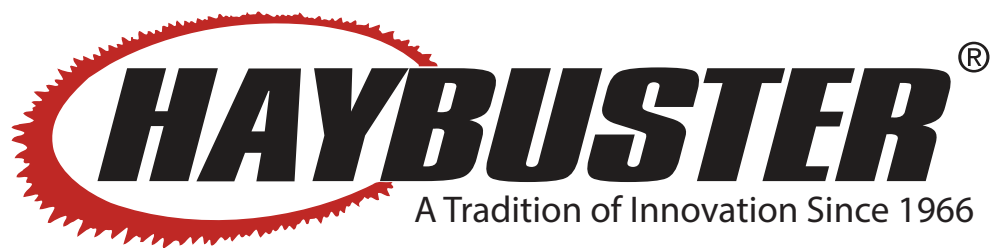
## ***Parts Reference***

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 2100 BALEBUSTER™ as of the date of publication. DuraTech Industries reserves the right to make updates to the machine from time to time. Even in the event of such updates, you should still find this manual to be appropriate for the safe operation and maintenance of your unit.

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



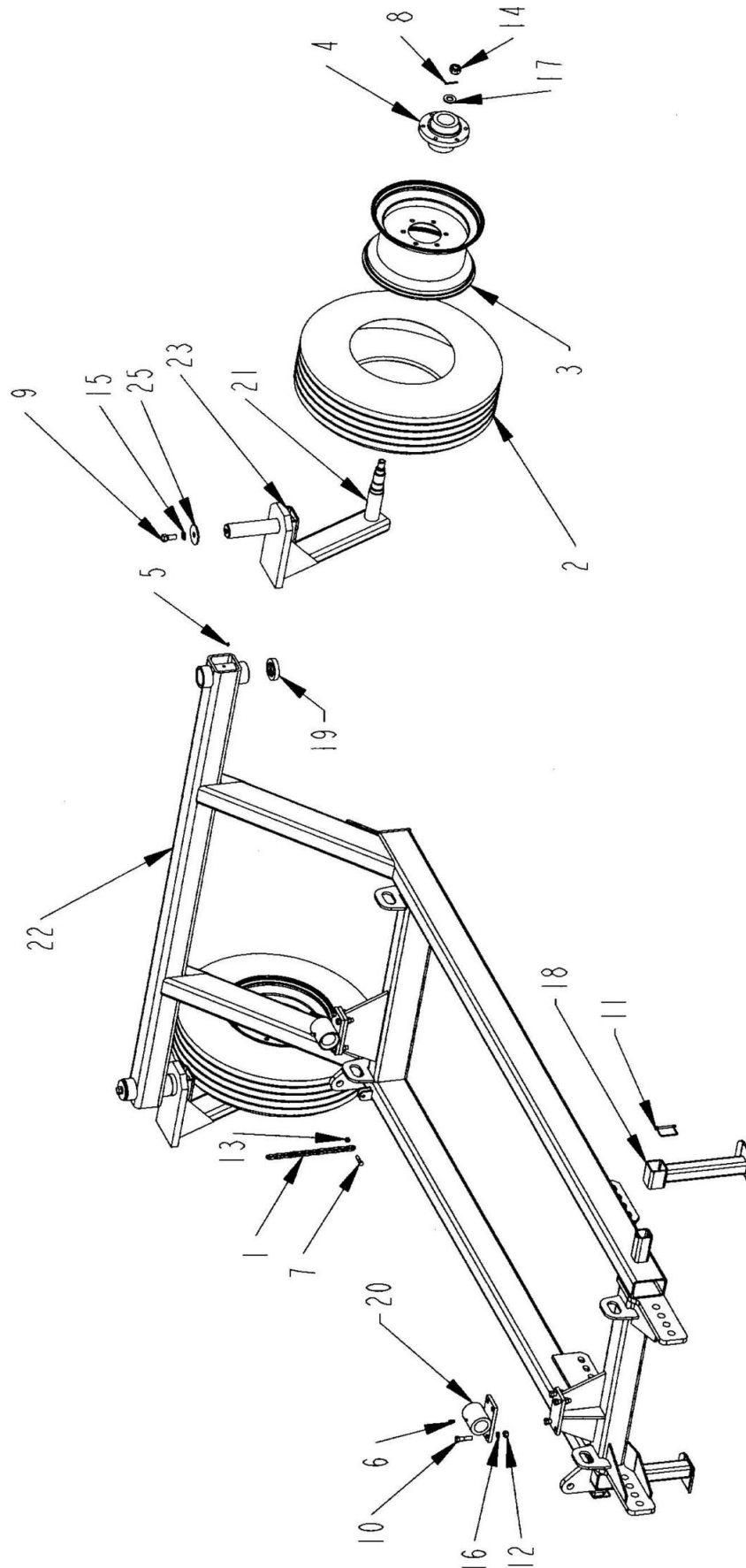
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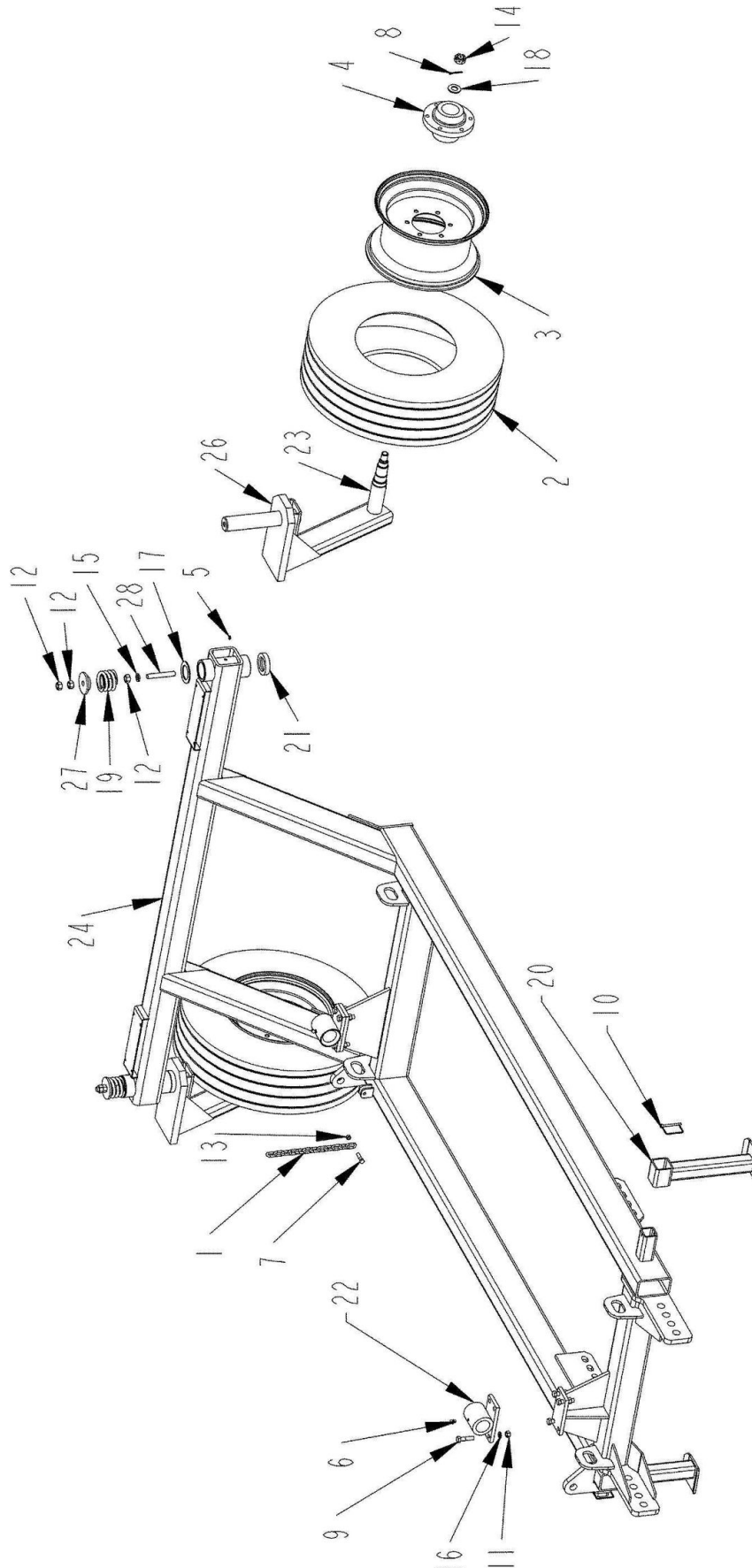
## 2100 Parts Reference

2100 Main Frame Assembly Thru SN 21-HJ-89000	1
2100 Main Frame Assembly SN 21-IJ-89100 & Up	3
2100 Shredder Front Assembly	5
2100 Pressure Relief Valve	7
2100 Rear Bearing And Bale Guide Assembly	9
2100 Rotor Assembly	11
2100 Bale Conveyor Assembly Thru SN 21-HJ-89000	13
2100 Bale Conveyor Assembly SN 21-IJ-89100 & Up	15
2100 Bale Loader Assembly	19
2100 Rack Deflector Assembly	21
2100 Shipping Kit Hardware	23
2100 Hydraulic Assembly	25
2100 Flow Control Valve - 4000331	29
2100 Orbit Motor	31
2100 Wheel And Bearing	33
2100 PTO Assembly 3600107 - Steel Guard	35
2100 PTO Assembly 3600516 - Plastic Guard	37
2100 Balebuster Quick Tatch	39
2100 Taillights (For SN Up to 2121124000)	41
2100 Rectangular Taillights (For SN 2124124100 & Up)	43
2100 Manual Canister Assembly	45
2100 Decals	47
2100 Decal Locations	49
5700852/5701080 Taillight Wiring Schematic (For SN Up to 21211240000)	50
5701300-Rectangular Taillight Wiring Schematic (For Sn 2124124100 & Up)	51



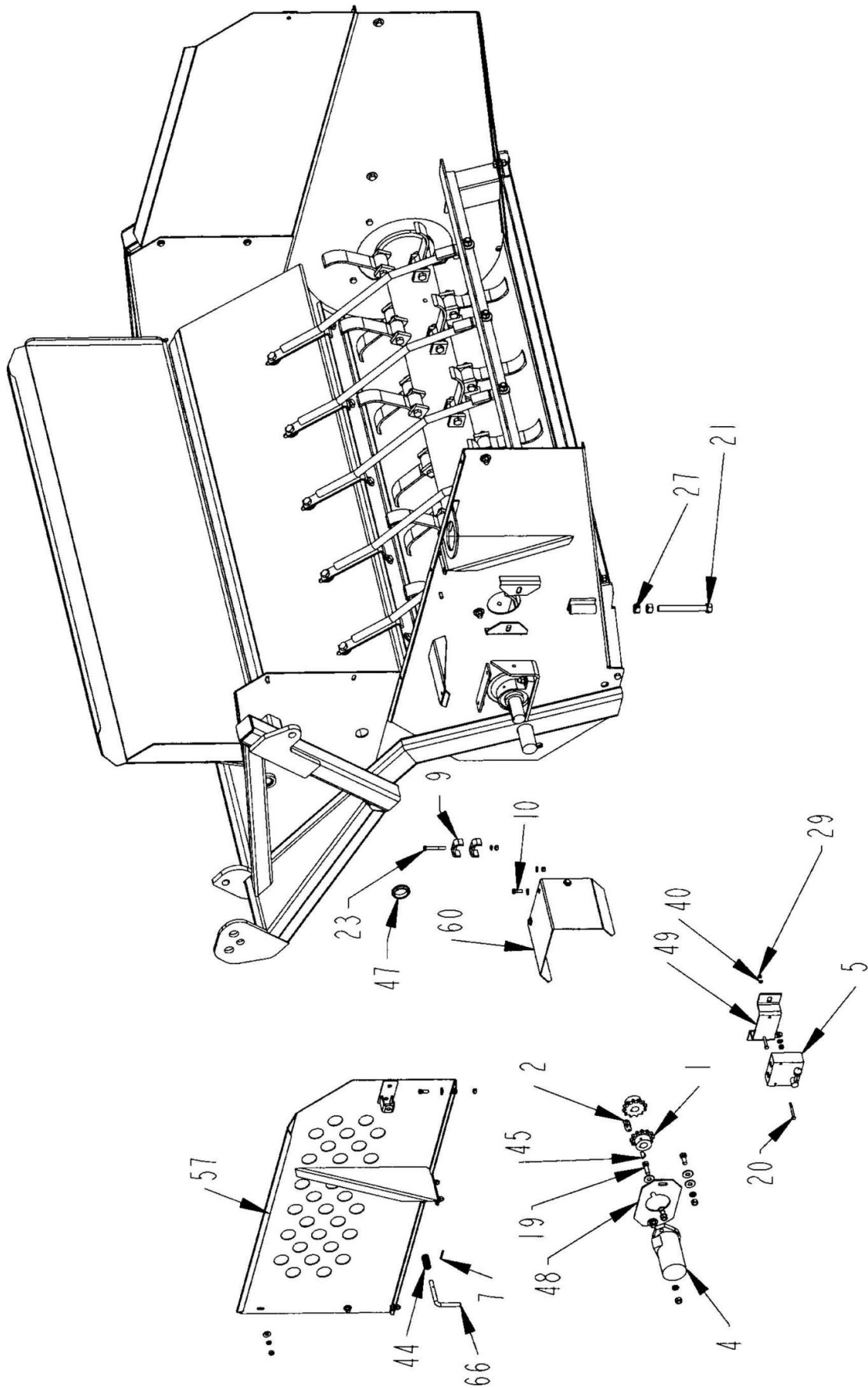
**2100 Main Frame Assembly Thru SN 21-HJ-89000**

Item	Part No.	Name	Remarks	Qty	Uom
1	1100248	CHAIN\SPRING ARM		1	EA
2	2600013	TIRE\9.5LX14\8PLY		2	EA
3	2600601	WHL\6-BOLT\14X8		2	EA
NS	2600825	WHL\IMP\9.5X15\TIRE&RIM		2	EA
4	2900069	HUB\6BOLT\631\COMP		2	EA
5	3800041	FTG\LUB\1/8MPXZERK\ADAPT		2	EA.
6	3800044	FTG\LUB\1/8MPXZRK\90D		2	EA
7	4800034	BOLT\HEX\3/8X1-1/2		1	EA.
8	4800044	PIN\COT\5/32X1-1/2		2	EA.
9	4800106	BOLT\HEX\5/8X1-1/2		2	EA.
10	4800114	BOLT\HEX\1/2X2		8	EA.
11	4800911	PIN\LYNCH\1/4X2-1/2\		2	EA.
12	4900001	NUT\HEX\1/2\NC		8	EA.
13	4900023	NUT\TPLCK\3/8\NC		1	EA.
14	4900054	NUT\CASTLE\7/8\NF		2	EA.
15	5000003	WASH\LOCK\5/8		2	EA.
16	5000006	WASH\LOCK\1/2		8	EA.
17	5000055	WASH\SPNDL\7/8 FLAT		2	EA.
18	8100053	BRKT\STAND\FRAME		2	EA
19	8100055	WASH\THRUST\WHL\SWVL		2	EA
20	8100058	MNT\HINGE\SHRDR		2	EA
21	8100634	SPNDL\2X12\256+\S2000			EA
22	8101110	FRM\MN\2100		1	EA.
23	8101125	SHANK\WHEEL\SWIVEL\2100		2	EA
24	8101151	FRAME\ASSY		1	EA
25	8400044	WASH\RETAIN\3X5/8ID\WHL		2	EA
NS	7500186	BUSH\BRASS\SWIVEL WHEEL		4	EA



**2100 Main Frame Assembly SN 21-IJ-89100 & Up**

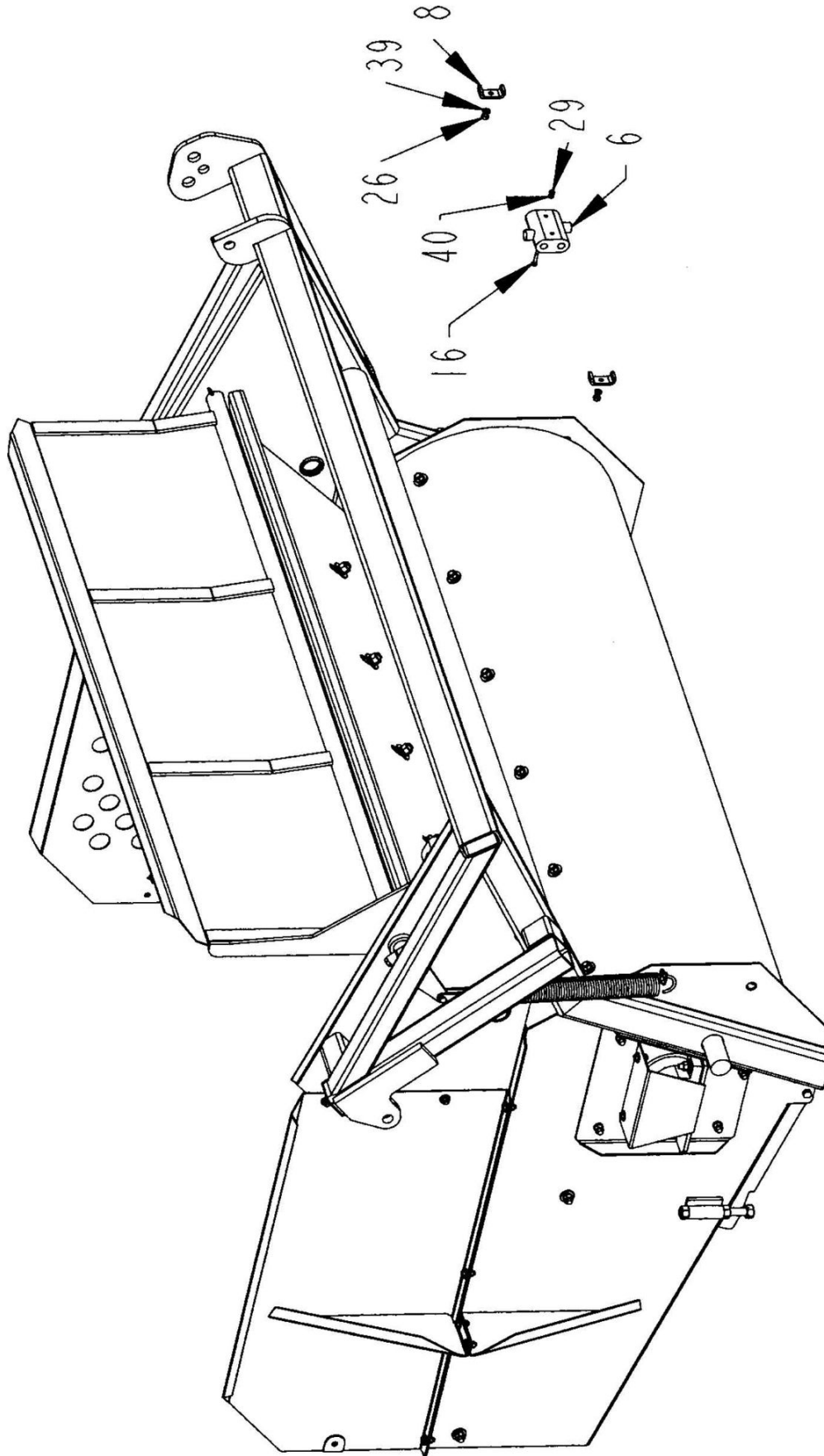
Item	Part No.	Name	Remarks	Qty	Uom
1	1100248	CHAIN\SPRING ARM		1	EA
2	2600013	TIRE\9.5LX14\8PLY		2	EA
3	2600601	WHL\6-BOLT\14X8		2	EA
NS	2600825	WHL\IMP\9.5X15\TIRE&RIM		2	EA
4	2900069	HUB\6BOLT\631\COMP		2	EA
5	3800041	FTG\LUB\1/8MPXZERK\ADAPT		2	EA.
6	3800044	FTG\LUB\1/8MPXZRK\90D		2	EA
7	4800034	BOLT\HEX\3/8X1-1/2		1	EA.
8	4800044	PIN\COT\5/32X1-1/2		2	EA.
9	4800114	BOLT\HEX\1/2X2		8	EA.
10	4800911	PIN\LYNCH\1/4X2-1/2\		2	EA.
11	4900001	NUT\HEX\1/2\NC		8	EA.
12	4900005	NUT\HEX\5/8\NC		6	EA.
13	4900023	NUT\TPLCK\3/8\NC		1	EA.
14	4900054	NUT\CASTLE\7/8\NF		2	EA.
15	5000003	WASH\LOCK\5/8		2	EA.
16	5000006	WASH\LOCK\1/2		8	EA.
17	5000032	WASH\MACH\2IDX10GA		2	EA.
18	5000055	WASH\SPNDL\7/8 FLAT		2	EA.
19	6100044	SPRNG\2-1/16X3/8WIRE2"LG		2	EA
20	8100053	BRKT\STAND\FRAME		2	EA
21	8100055	WASH\THRUST\WHL\SWVL		2	EA
22	8100058	MNT\HINGE\SHRDR		2	EA
23	8100634	SPNDL\2X12\256+\S2000		2	EA
24	8101110	FRM\MN\2100		1	EA.
CA	8101151	FRAME\ASSY		1	EA
26	8101329	FRM\WHEEL\SWIVEL		2	EA
27	8400281	CAP\RECESSED\WHL\SWIVEL		2	EA
28	8400282	ROD\THRDD\5/8X4		2	EA.
NS	7500186	BUSH\BRASS\SWIVEL WHEEL		4	EA





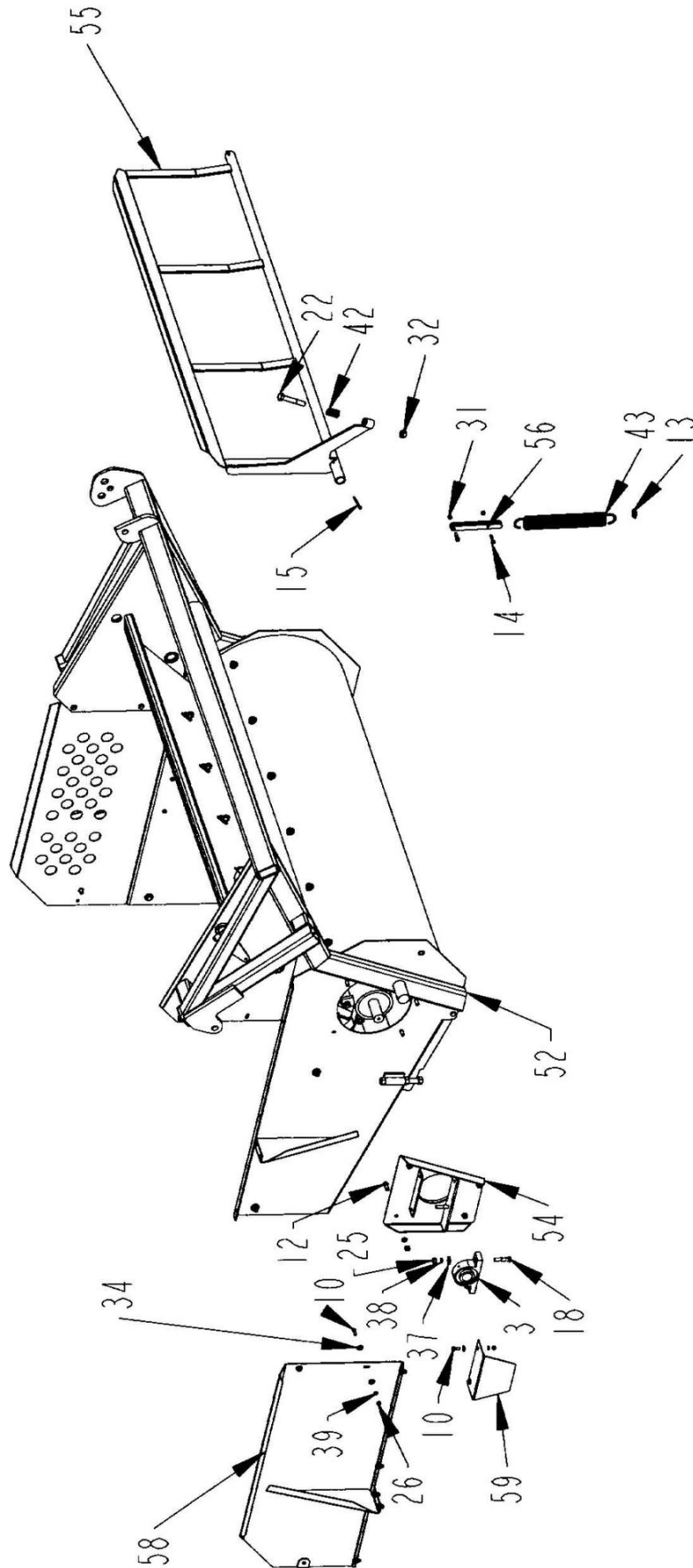
## 2100 Shredder Front Assembly

Item	Part No.	Name	Remarks	Qty	Uom
1	1000233	SPKT\60\B\12\1\1/4KW		2	EA.
2	1100240	CHAIN\60\12\CPLNG\W-CL		1	EA.
4	3900025	MOTOR\HYD\17.9\HAMNT\7/8FOR\1SHFT		1	EA.
5	4000213	VALVE\CONTROL\FLOW\3/4MOR		1	EA.
7	4500256	BOLT\WELD\3/4X8\BULL WHEEL		1	EA
9	4700777	CLMP\HOSE\1/2		2	EA.
10	4800003	BOLT\HEX\3/8X1		21	EA.
19	4800082	BOLT\HEX\1/2X1-1/2		2	EA.
20	4800101	BOLT\HEX\1/4X2-1/2		2	EA.
21	4800102	BLOT\ADJ\3/4X7\SPCL		2	EA
23	4800514	BOLT\HEX\3/8X2-3/4		1	EA.
27	4900004	NUT\HEX\3/4\NC		6	EA.
29	4900009	NUT\HEX\1/4\NC		4	EA.
40	5000024	WASH\LOCK\1/4		4	EA.
44	6100031	SPRING\COMP\072W\25/32OD		1	EA.
45	6200011	KEY\WDF\1/4X1		1	EA.
47	7500360	GRMT\RBBR\2X1.75IDX1/4T		2	EA.
48	8100036	MNT\MTR\HYD		1	EA.
49	8100037	MNT\VALVE\FLOW CONTROL		1	EA
57	8101128	SHLD\FRONT\2100		1	EA
60	8101144	SHLD\PTO\256-3PT		1	EA
66	8101142	PIN\LATCH\RACKSTRAP		1	EA



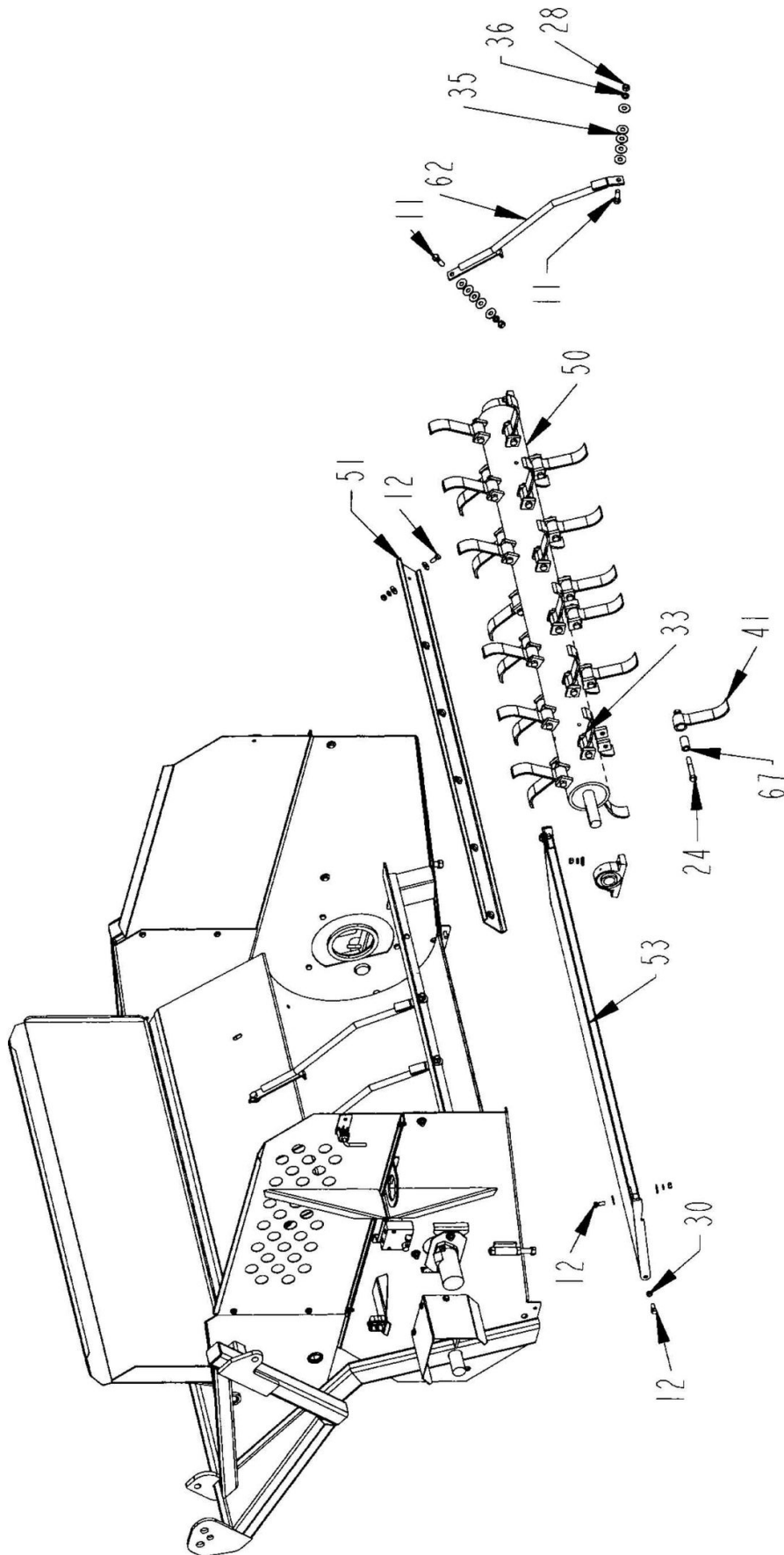
**2100 Pressure Relief Valve**

Item	Part No.	Name	Remarks	Qty	Uom
6	4000234	VALVE\RELIEF\CROSS\RC13BB		1	EA.
8	4700776	CLMP\HOSE\3/8		2	EA.
16	4800055	BOLT\HEX\1/4X2		2	EA.
26	4900002	NUT\HEX\3/8\NC		24	EA.
29	4900009	NUT\HEX\1/4\NC		4	EA.
39	5000019	WASH\LOCK\3/8		24	EA.
40	5000024	WASH\LOCK\1/4		4	EA.



## 2100 Rear Bearing And Bale Guide Assembly

Item	Part No.	Name	Remarks	Qty	Uom
3	2000514	BRG\PB\1-3/4\2BOLT\MALLEABLE		2	EA.
10	4800003	BOLT\HEX\3/8X1		21	EA.
12	4800018	BOLT\HEX\1/2X1-1/4		20	EA.
13	4800027	CLAMP\CBL\1/4		1	EA
14	4800034	BOLT\HEX\3/8X1-1/2		2	EA.
15	4800043	PIN\COT\1/4X2-1/2		2	EA
18	4800070	BOLT\HEX\1/2X2-1/2		4	EA.
22	4800139	BOLT\HEX\3/4X4-1/2		1	EA
25	4900001	NUT\HEX\1/2\NC		25	EA.
26	4900002	NUT\HEX\3/8\NC		24	EA.
31	4900023	NUT\TPLCK\3/8\NC		2	EA.
32	4900139	NUT\TPLCK\3/4\GR8\NC		1	EA.
34	5000001	WASH\FLAT\3/8		29	EA.
37	5000004	WASH\FLAT\1/2		34	EA.
38	5000006	WASH\LOCK\1/2		25	EA.
39	5000019	WASH\LOCK\3/8		24	EA.
42	6100005	SPRNG\249OT\13/16ID\1-5/16OD\2-3/8LOA		1	EA
43	6100013	SPG\BGGR\TENS\2.25OD\3.1WD\18LOH		1	EA
52	8101105	SHRDR\256-3PT\2002		1	EA
54	8101118	MNT\REAR\RTR\256-3PT		1	EA
55	8101119	BALEGUIDE\256-3PT		1	EA
56	8101123	SPG\ANCHOR		2	EA
58	8101129	SHLD\REAR\256		1	EA
59	8101143	SHLD\REAR\RTR\2100		1	EA

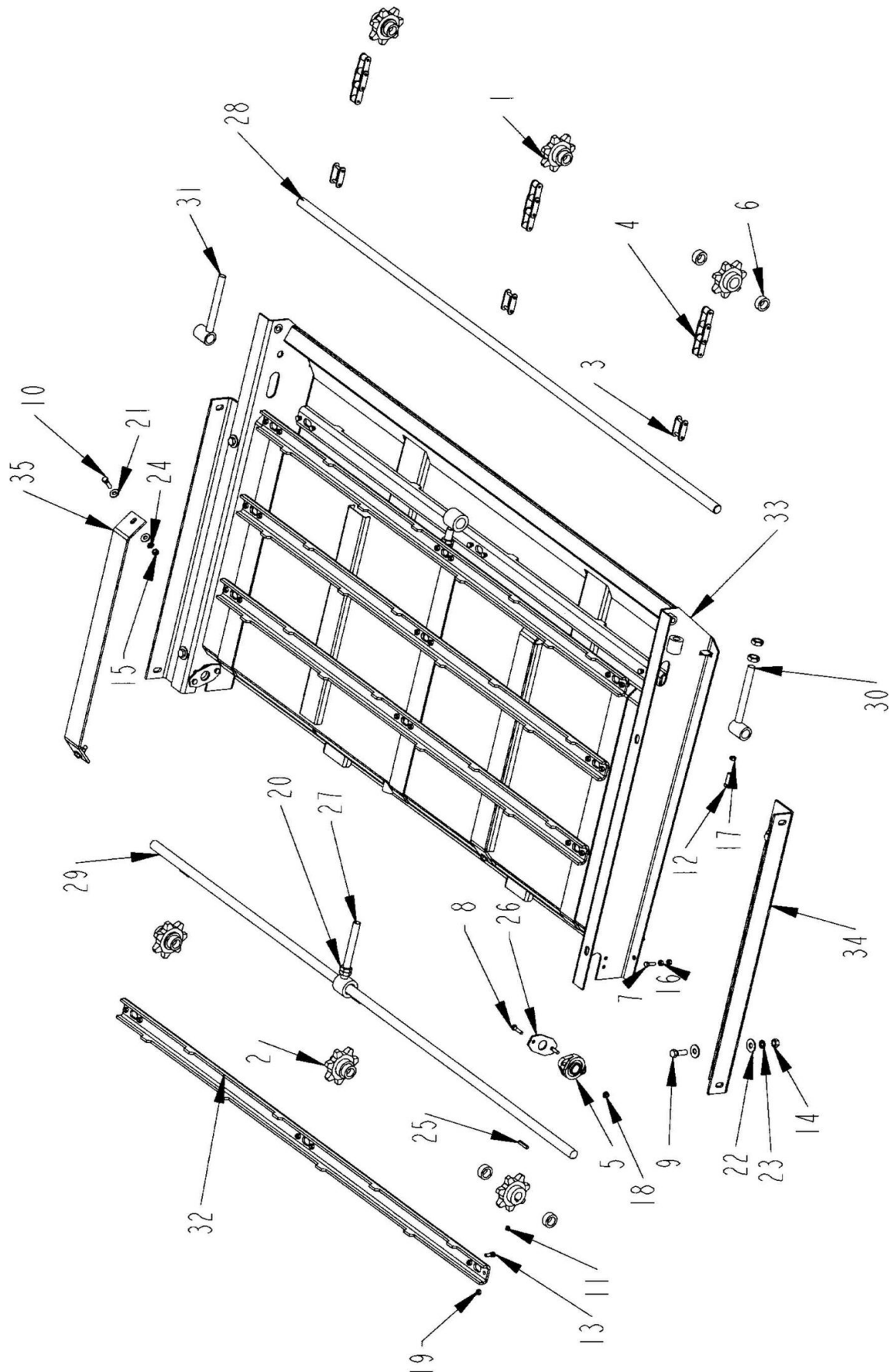




## 2100 Rotor Assembly

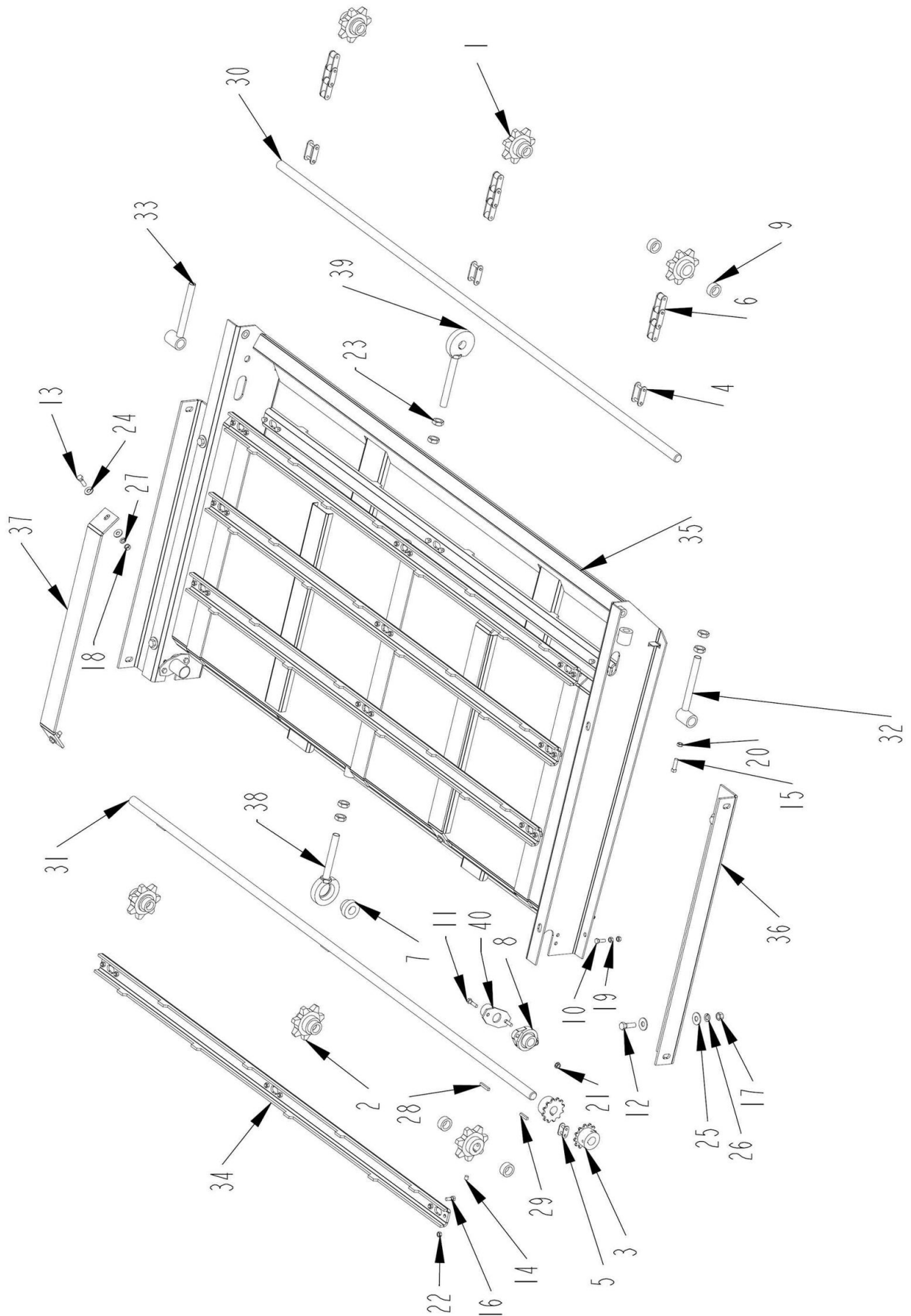
Item	Part No.	Name	Remarks	Qty	Uom
11	4800010	BOLT\HEX\5/8X2		10	EA.
12	4800018	BOLT\HEX\1/2X1-1/4		20	EA.
24	4800598	BOLT\HEX\5/8X4\NF\GR8		30	EA.
28	4900005	NUT\HEX\5/8\NC		10	EA.
30	4900014	NUT\TPLCK\1/2\NC		2	EA.
33	4900179	NUT\TPLCK\RTR\5/8\NF\GR9		30	EA.
35	5000002	WASH\FLAT\5/8		50	EA.
36	5000003	WASH\LOCK\5/8		10	EA.
41	5200012	FLAIL\BB\8		30	EA.
50	8100762	RTR\FLAIL\78-3/8\2640		1	EA
51	8100793	CHNNL\STRIPPER\SHREADER		1	EA.
53	8101113	DOOR\SHRDR\256-3PT		1	EA
62	8101159	SLUGBAR\2100		5	EA
67	7500223	BUSH\FLAIL\1-1/4X.687x2-1/8L		30	EA.

2100 Parts Reference



**2100 Bale Conveyor Assembly Thru SN 21-HJ-89000**

Item	Part No.	Name	Remarks	Qty	Uom
1	1000088	SPKT\662\71\1\IDLER\CA		3	EA.
2	1000089	SPKT\662\71\1\1\4KW\DR	ORDER 4800143 SET SCREW	3	EA.
3	1100103	CHAIN\620CA\CL		3	EA.
4	1100247	CHAIN\620CA\47\W\ATTCH		3	EA
5	2000310	BRG\FLG\CAST\1\2BOLT		2	EA.
6	2000809	CLLOR\SHFT\1\1\SET		12	EA.
7	4800013	BOLT\HEX\5\16X1		2	EA.
8	4800071	BOLT\HEX\5\16X1-1/4		4	EA.
9	4800082	BOLT\HEX\1\2X1-1/2		4	EA.
10	4800098	BOLT\HEX\3\8X1-1/4\NC		4	EA.
11	4800143	SCR\SET\ALN\3\8X3\8\NC		6	EA.
12	4800238	SCR\SET\SQ\3\8X1-1/4\NC		1	EA
13	4800393	BOLT\HEX\5\16X7\8\GR8		48	EA.
14	4900001	NUT\HEX\1\2\NC		4	EA.
15	4900002	NUT\HEX\3\8\NC		4	EA.
16	4900003	NUT\HEX\5\16\NC		4	EA.
17	4900026	NUT\JAM\3\8\NC		1	EA.
18	4900027	NUT\FLG\TPLCK\5\16\NC		4	EA.
19	4900099	NUT\TPLCK\5\16\GR8\NC		48	EA.
20	4900104	NUT\JAM\3\4\NC		8	EA.
21	5000001	WASH\FLAT\3\8		8	EA.
22	5000004	WASH\FLAT\1\2		8	EA.
23	5000006	WASH\LOCK\1\2		4	EA.
24	5000019	WASH\LOCK\3\8		4	EA.
25	6200005	KEY\SQ\1\4X1-1/2		3	EA,
26	8100449	GUARD\TWINE\CNVYR		2	EA.
27	8100585	BRKT\SHFT\DRIVE\CNVYR		2	EA.
28	8100779	SHFT\IDLER\CNVYR		1	EA.
29	8100780	SHFT\DRIVE\76\CNVYR		1	EA.
30	8100783	BRKT\SHAFT\IDLER\CNVYR		1	EA.
31	8101022	BRKT\SHAFT\IDLER\NO-TAP		1	EA.
32	8101053	PLT\SLAT\2640		8	EA.
33	8101120	FRM\CNVYR\44X74-3\8		1	EA
34	8101121	MNT\CNVYR\3\BRK		2	EA
35	8101122	PL\RUB\CHAIN\CNVYR		2	EA



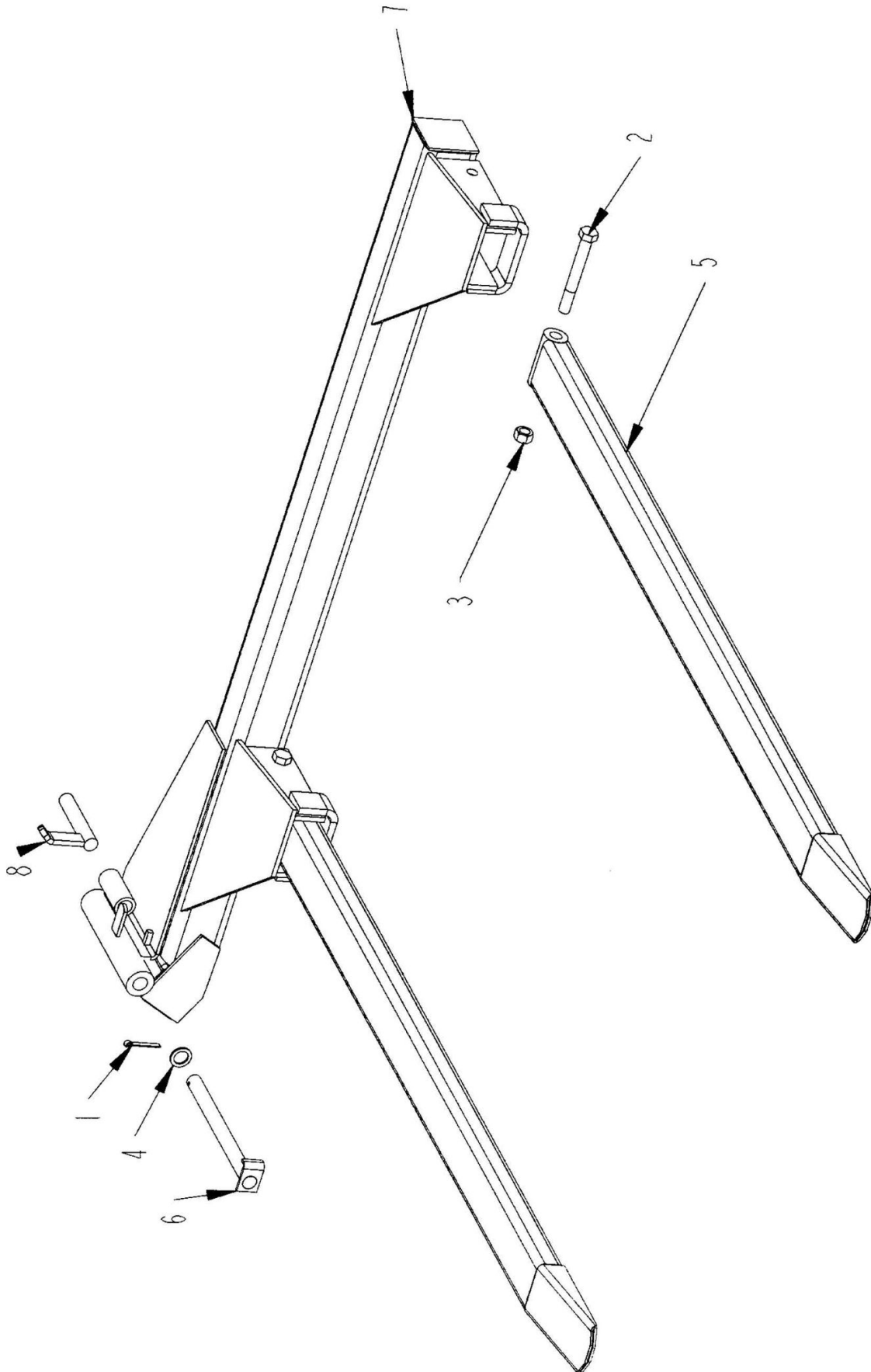
**2100 Bale Conveyor Assembly SN 21-IJ-89100 & Up**

Item	Part No.	Name	Remarks	Qty	Uom
1	1000088	SPKT\662\71\1\IDLER\CA		3	EA.
2	1000089	SPKT\662\71\1\1/4KW\DR	ORDER 4800143 SET SCREW	3	EA.
3	1000233	SPKT\60\B\12\1\1/4KW		2	EA.
4	1100103	CHAIN\620CA\CL		3	EA.
5	1100240	CHAIN\60\12\CPLNG\W-CL		1	EA.
6	1100247	CHAIN\620CA\47\W\ATTCH		3	EA
7	2000047	BRG\W\CLLR\1\FHR\205-16		1	EA
8	2000310	BRG\FLG\CAST\1\2BOLT		2	EA.
9	2000809	CLLOR\SHFT\1\SET		12	EA.
10	4800013	BOLT\HEX\5\16X1		2	EA.
11	4800071	BOLT\HEX\5\16X1-1/4		4	EA.
12	4800082	BOLT\HEX\1\2X1-1/2		4	EA.
13	4800098	BOLT\HEX\3\8X1-1/4\NC		4	EA.
14	4800143	SCR\SET\ALN\3\8X3\8\NC		6	EA.
15	4800238	SCR\SET\SQ\3\8X1-1/4\NC		1	EA
16	4800393	BOLT\HEX\5\16X7\8\GR8		48	EA.
17	4900001	NUT\HEX\1\2\NC		4	EA.
18	4900002	NUT\HEX\3\8\NC		4	EA.
19	4900003	NUT\HEX\5\16\NC		4	EA.
20	4900026	NUT\JAM\3\8\NC		1	EA.
21	4900027	NUT\FLG\TPLCK\5\16\NC		4	EA.
22	4900099	NUT\TPLCK\5\16\GR8\NC		48	EA.
23	4900104	NUT\JAM\3\4\NC		10	EA.
24	5000001	WASH\FLAT\3\8		8	EA.
25	5000004	WASH\FLAT\1\2		8	EA.
26	5000006	WASH\LOCK\1\2		4	EA.
27	5000019	WASH\LOCK\3\8		4	EA.
28	6200005	KEY\SQ\1\4X1-1/2		3	EA,
29	6200014	KEY\SQ\1\4X1-1/4		1	EA.
30	8100779	SHFT\IDLER\CNVYR		1	EA.
31	8100780	SHFT\DRIVE\76\CNVYR		1	EA.
32	8100783	BRKT\SHAFT\IDLER\CNVYR		1	EA.
33	8101022	BRKT\SHAFT\IDLER\NO-TAP		1	EA.
34	8101053	PLT\SLAT\2640		8	EA.
35	8101120	FRM\CNVYR\44X74-3\8		1	EA
36	8101121	MNT\CNVYR\3\BRK		2	EA
37	8101122	PL\RUB\CHAIN\CNVYR		2	EA
38	8101696	MNT\BRG\CNVYR		1	EA

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**2100 Bale Conveyor Assembly SN 21-IJ-89100 & Up**

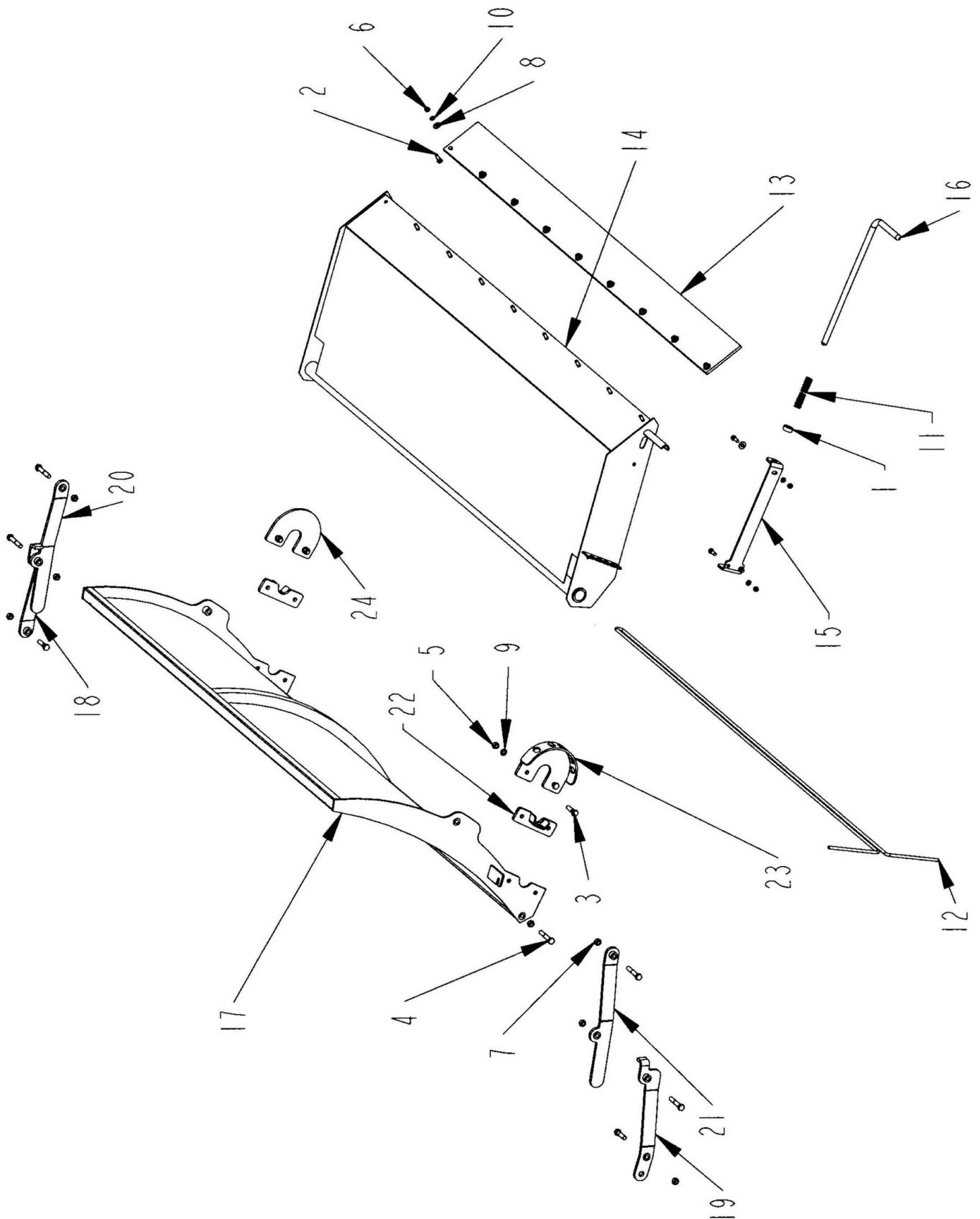
Item	Part No.	Name	Remarks	Qty	Uom
39	8101699	MNT\SHFT\CNVYR		1	EA.
40	8101749	GUARD\TWINE\CNVYR		2	EA.
CA	8101149	CNVYR\ASSY\3CH\2100		1	EA





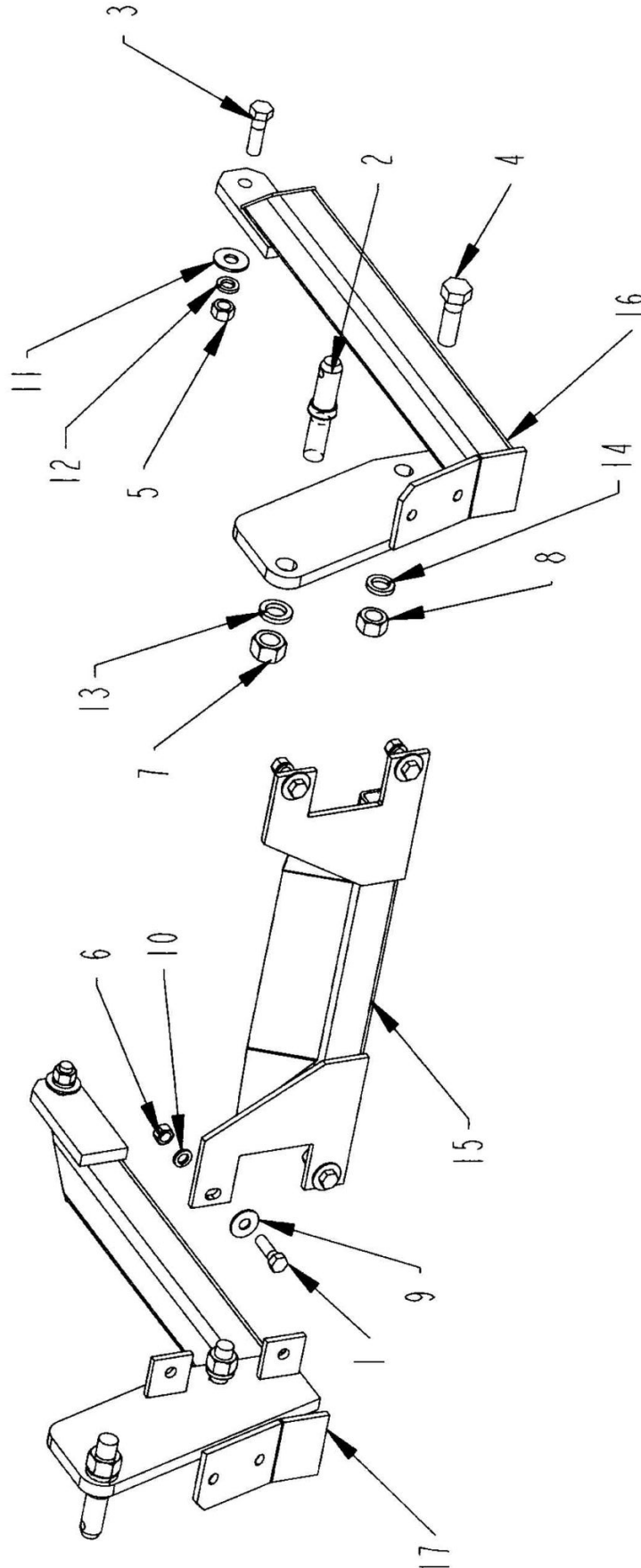
## 2100 Bale Loader Assembly

Item	Part No.	Name	Remarks	Qty	Uom
1	4800103	PIN\COT\1/4X2		1	EA
2	4800248	BOLT\HEX\3/4X6		2	EA.
3	4900139	NUT\TPLCK\3/4\GR8\NC		2	EA.
4	5000018	WASH\FLAT\1\10GA\1-1/2 O.D.		1	EA.
5	8100043	TINE		2	EA
6	8100044	PIN\HINGE\FRAME\TINE		1	EA
7	8101126	FRM\MNT\TINE		1	EA
8	8101127	LATCH\PIN\LOCK\TINE		1	EA
CA	8101154	LDR\ASSY\2100		1	EA



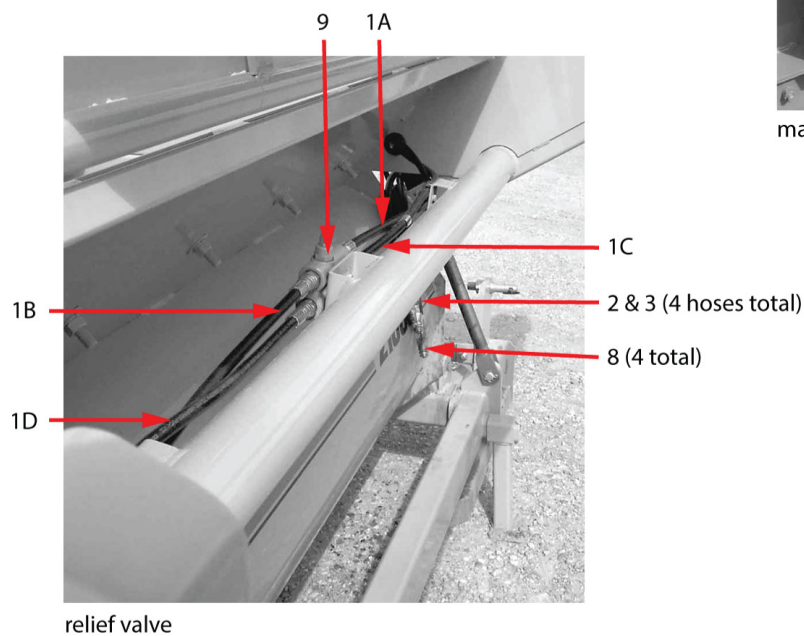
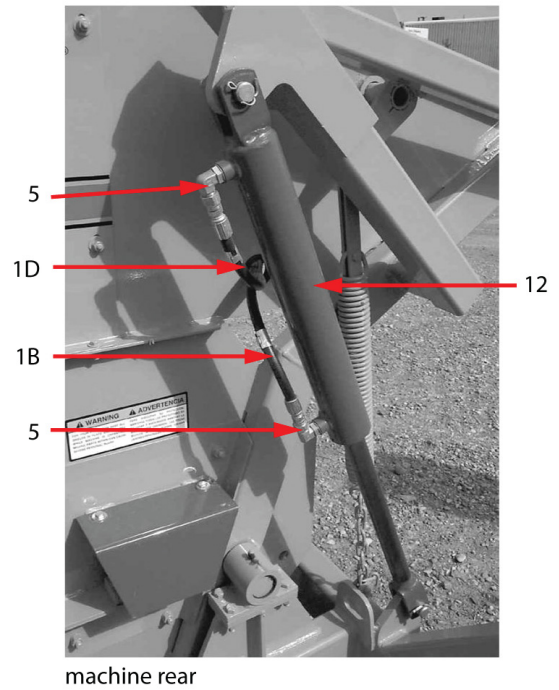
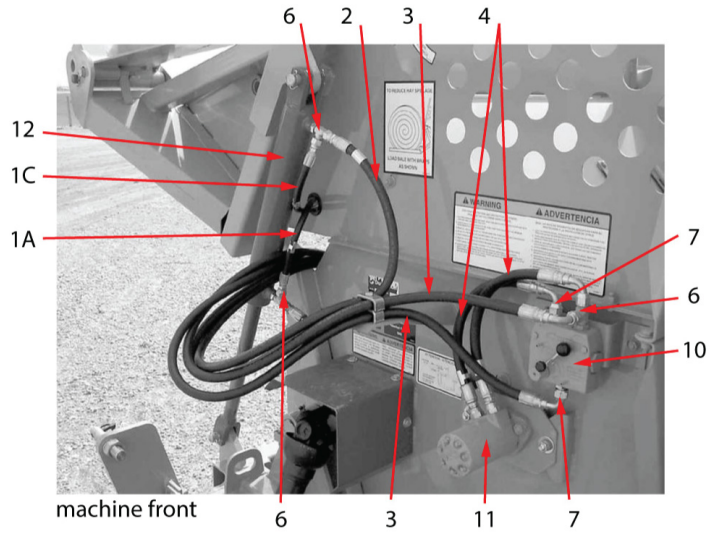
## 2100 Rack Deflector Assembly

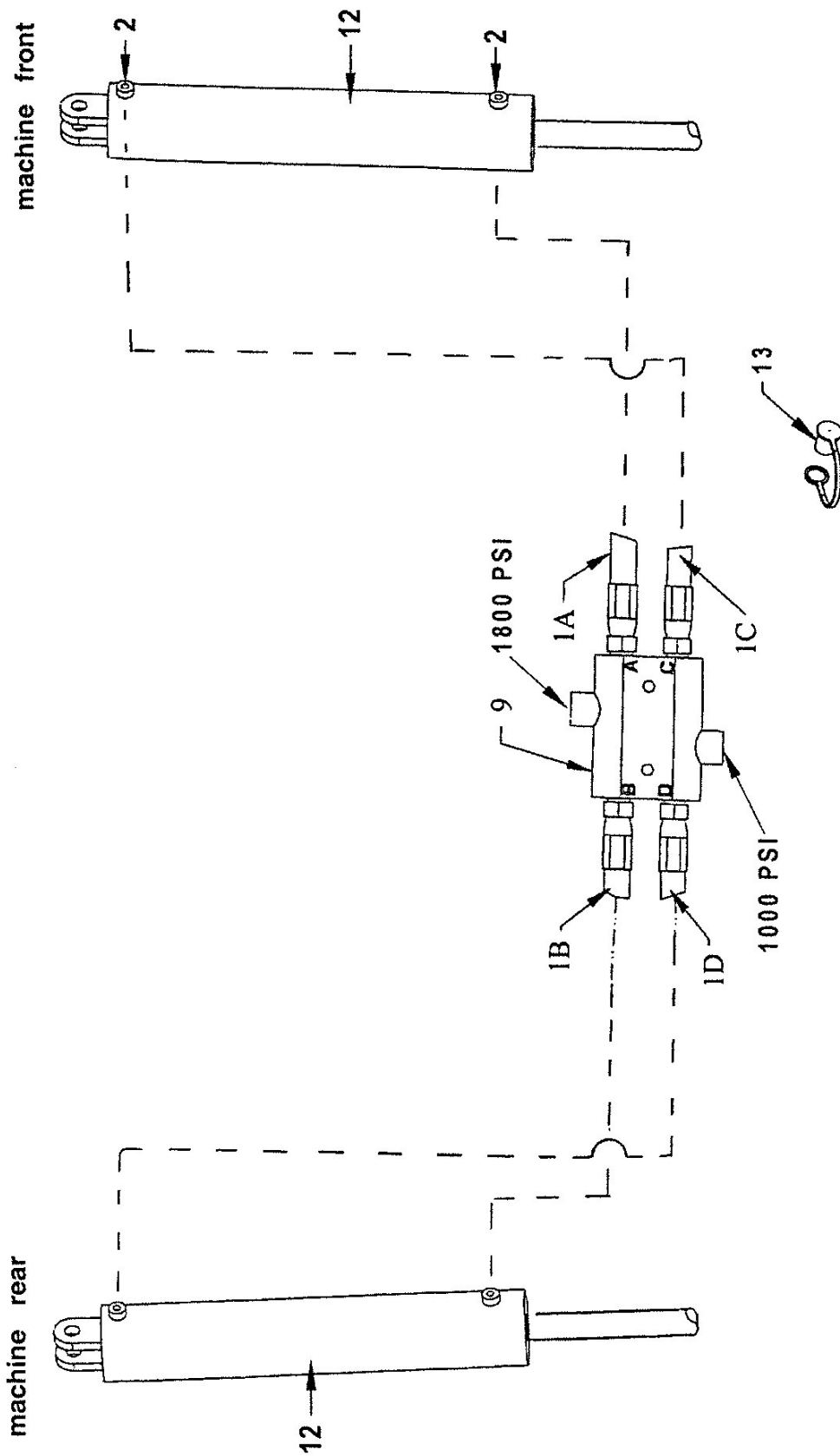
Item	Part No.	Name	Remarks	Qty	Uom
1	2000811	CLLR\LOCK\3/4		1	EA.
2	4800003	BOLT\HEX\3/8X1		12	EA.
3	4800178	BOLT\HEX\1/2X1-3/4		6	EA.
4	4800351	BOLT\HEX\1/2X2-3/4		6	EA.
5	4900001	NUT\HEX\1/2\NC		4	EA.
6	4900002	NUT\HEX\3/8\NC		12	EA.
7	4900014	NUT\PLCK\1/2\NC		8	EA.
8	5000001	WASH\FLAT\3/8		10	EA.
9	5000006	WASH\LOCK\1/2		4	EA.
10	5000019	WASH\LOCK\3/8		12	EA.
11	6100031	SPRING\COMPL\072W\25/32OD		2	EA.
12	6100075	BRKT\TORSION\DFLCRT		1	EA.
13	8100791	BELT\DFLCTR\6X73-3/4		1	EA.
13	8100819	BELT\DEFL\18X73-3/4			EA.
14	8101046	DFLCTR\REAR LATCH\2002		1	EA.
15	8101087	BRKT\LATCH\DFLCTR		1	EA.
16	8101088	ROD\LATCH\DFLCTR		1	EA.
17	8101322	RACK\2100		1	EA
18	8101134	BRKT\STRAP\RACK\W-STOP\REAR\14-1/2"		1	EA
19	8101135	BRKT\STRAP\RACK\W-STOP\FRONT		1	EA
20	8101139	BRKT\STRAP\RACK\REAR\20"		1	EA
21	8101140	BRKT\STRAP\RACK\FRONT\20"		1	EA
22	8101145	MNT\DFLCTR		2	EA.
23	8101146	MNT\DFLCTR\W-INDEX		1	EA.
24	8101147	MNT\HINGE\DFLCTR		1	EA
CA	8101150	RACK\DFLCTR\ASSY		1	EA



## 2100 Shipping Kit Hardware

Item	Part No.	Name	Remarks	Qty	Uom
1	4800010	BOLT\HEX\5/8X2		4	EA.
2	4800086	PIN\LINK\1-1/8		2	EA
3	4800115	BOLT\HEX\3/4X2-1/2		2	EA.
4	4800140	BOLT\HEX\1X3\NC		2	EA
5	4900004	NUT\HEX\3/4\NC		2	EA.
6	4900005	NUT\HEX\5/8\NC		4	EA.
7	4900024	NUT\HEX\1-1/8-12\NF		2	EA
8	4900031	NUT\HEX\1\NC		2	EA
9	5000002	WASH\FLAT\5/8		4	EA.
10	5000003	WASH\LOCK\5/8		4	EA.
11	5000005	WASH\FLAT\3/4		2	EA.
12	5000012	WASH\LOCK\3/4		2	EA.
13	5000025	1-1/8" Lock Washer		2	EA
14	5000053	WASH\LOCK\1		2	EA
15	8100137	BRACE\HITCH\QK\256\2100		1	EA
16	8100654	HICTH\ADJ\LH\SN-HI4394+		1	EA
17	8100655	HITCH\ADJ\RH\SN-HI4394+		1	EA
CA	8100520	KIT\SHIP\HARDWARE\		1	EA.



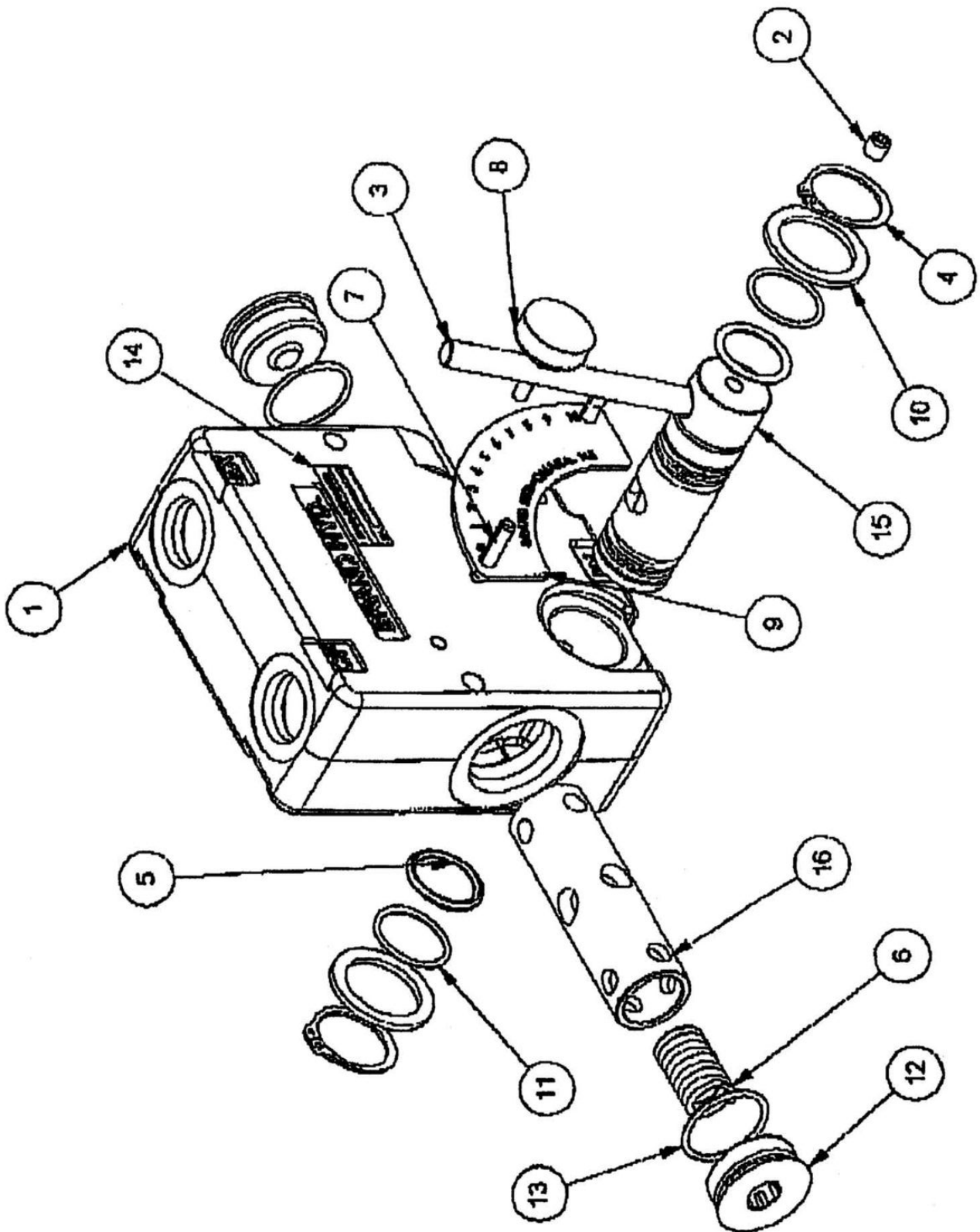


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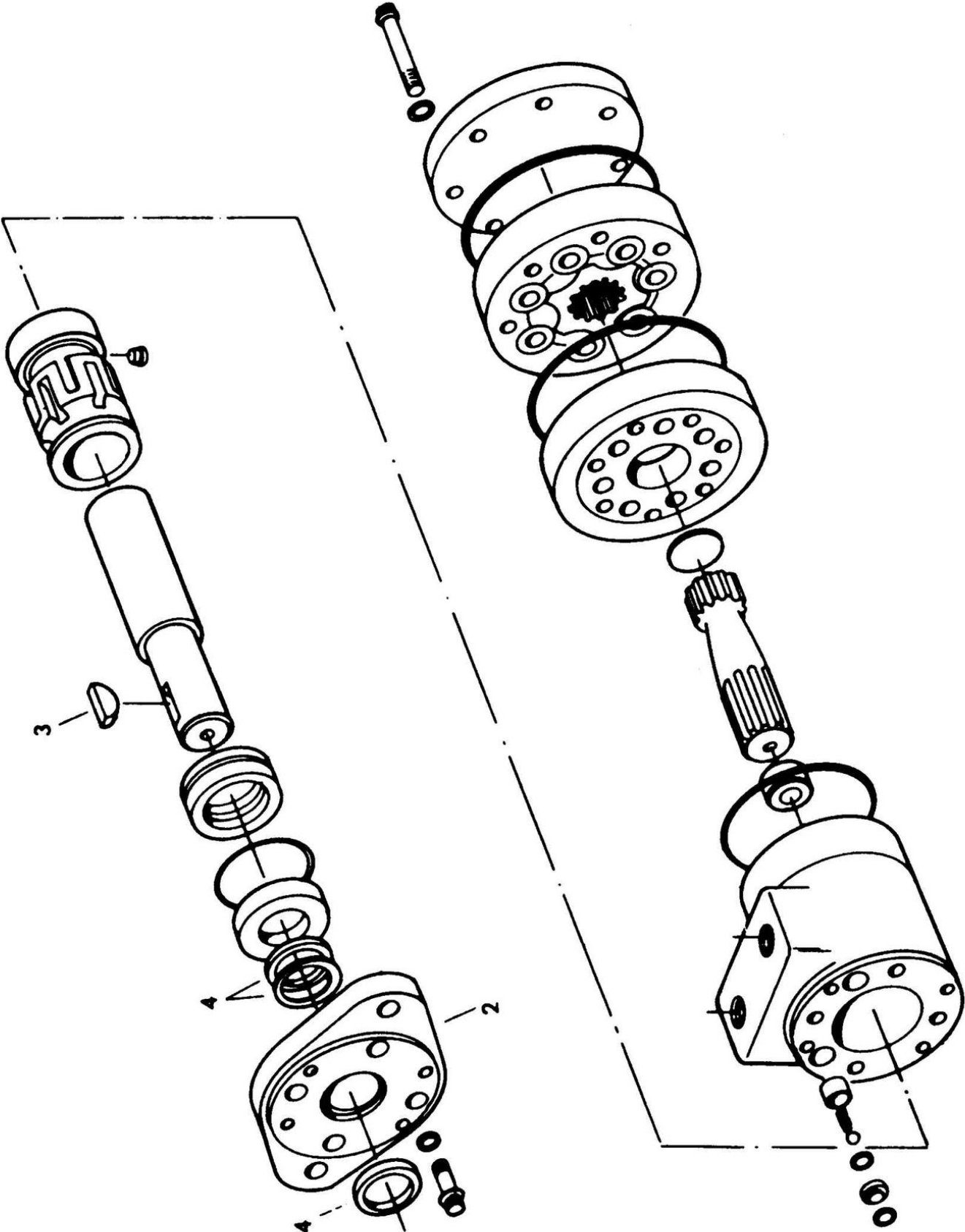
## 2100 Hydraulic Assembly

Item	Part No.	Name	Remarks	Qty	Uom
1	3700619	HOSE\HYD\3/8X54\3/4MORS3/4FJIC	Cylinder Circuit (listed in drawing as 1A, 1B, 1C, & 1D)	4	EA
2	3700620	HOSE\HYD\1/2X72\3/4MOR3/4FJIC	(To Tractor) Cylinder Circuit	2	EA
3	3700621	HOSE\HYD\1/2X72\3/4MOR3/4FJIC\90	(To Tractor) Motor Circuit	2	EA
4	3700622	HOSE\HYD\1/2X20\7/8MORS3/4FJIC\90	Motor Circuit	2	EA
5	3800537	FTG\3/4MORX3/4MJIC\90		2	EA.
6	3800483	FTG\3/4MORX3/4MJICX3/4MJIC\RUN;TEE		3	EA.
7	3800477	FTG\3/4MORX3/4MJIC\ADPT		2	EA.
8	3800694	FTG\3/4FOR\QUICK;CPLR\FEMALE		4	EA.
9	4000234	VALVE\RELIEF\CROSS\RC13BB		1	EA.
	4000417	VALVE\HYD\RELF\1000PSI>		1	EA
	4000418	VALVE\HYD\RFLF\1800PSI>		1	EA
10	4000331	VALVE\FLW-CRTL\#8FOR		1	EA.
11	3900025	MOTOR\HYD\17.9\HAMNT\7/8FOR\1SHFT		1	EA.
12	4100224	CYL\HYD\2-1/2X16\1-1/2ROD\3/4OR\RED		2	EA.
	4100235	KIT\SEAL\CYL\HYD\2-1/2X16\1-1/2RD			EA
12A	4100325	CYL\HYD\2-1/2X16\1-1/2ROD\3/4OR\RED		2	EA
	4100327	KIT\SEAL\CYL\HYD\2-1/2X16\1-1/2"			EA
13	7501088	CAP\PLSTC\#27\TAPERED\RED		4	EA.



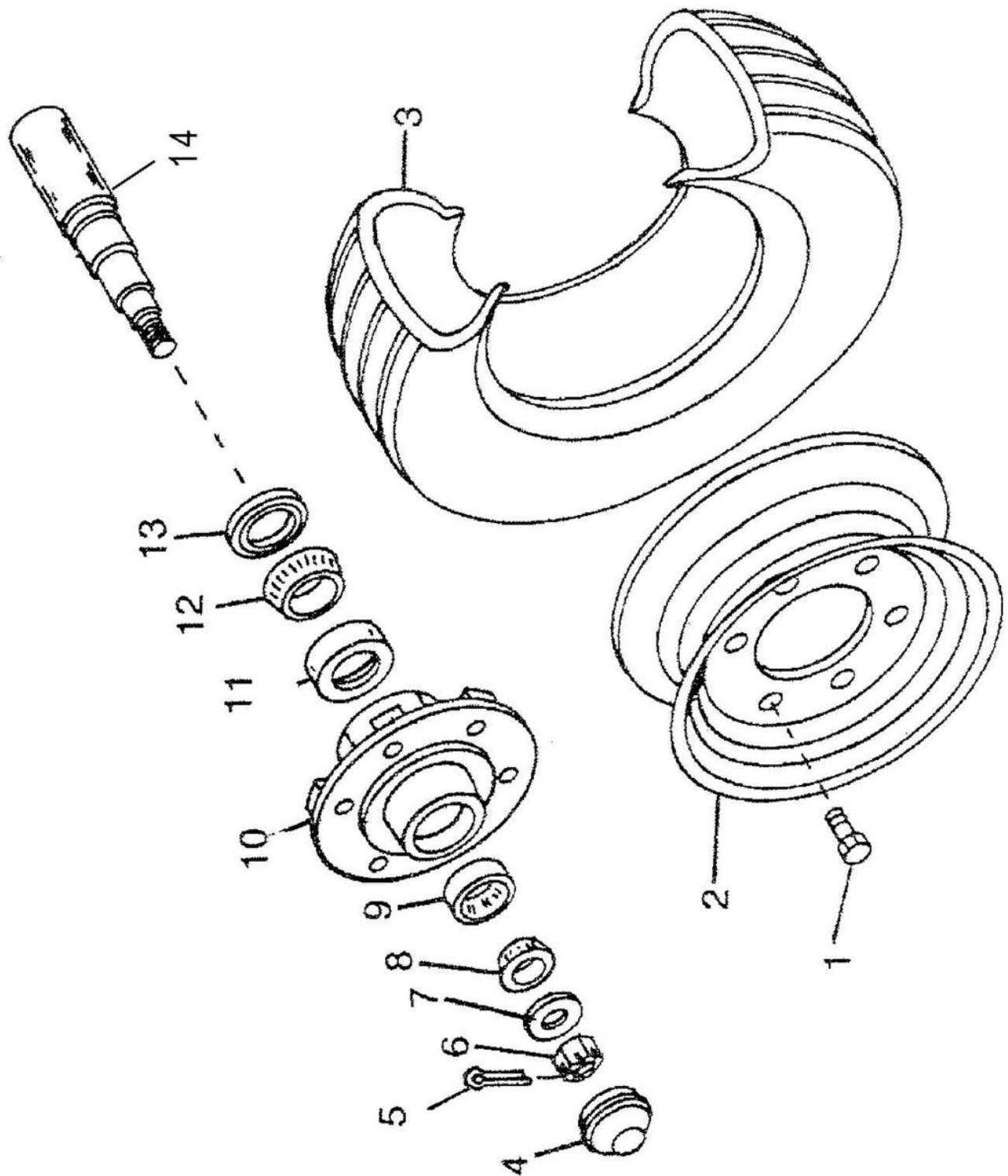
**2100 Flow Control Valve - 4000331**

Item	Part No.	Name	Remarks	Qty	Uom
CA	4000331	VALVE\FLW-CRTL\#8FOR			EA.
3 & 8	4000334	HDL\ASSY\V\HYD			EA.
5,10,11, & 13	4000335	SEAL\KIT\V\HYD	INCLUDES 2 EACH OF 5,10,11, & 13		EA.
4	4000336	SNAP RING\V\HYD			EA.



**2100 Orbit Motor**

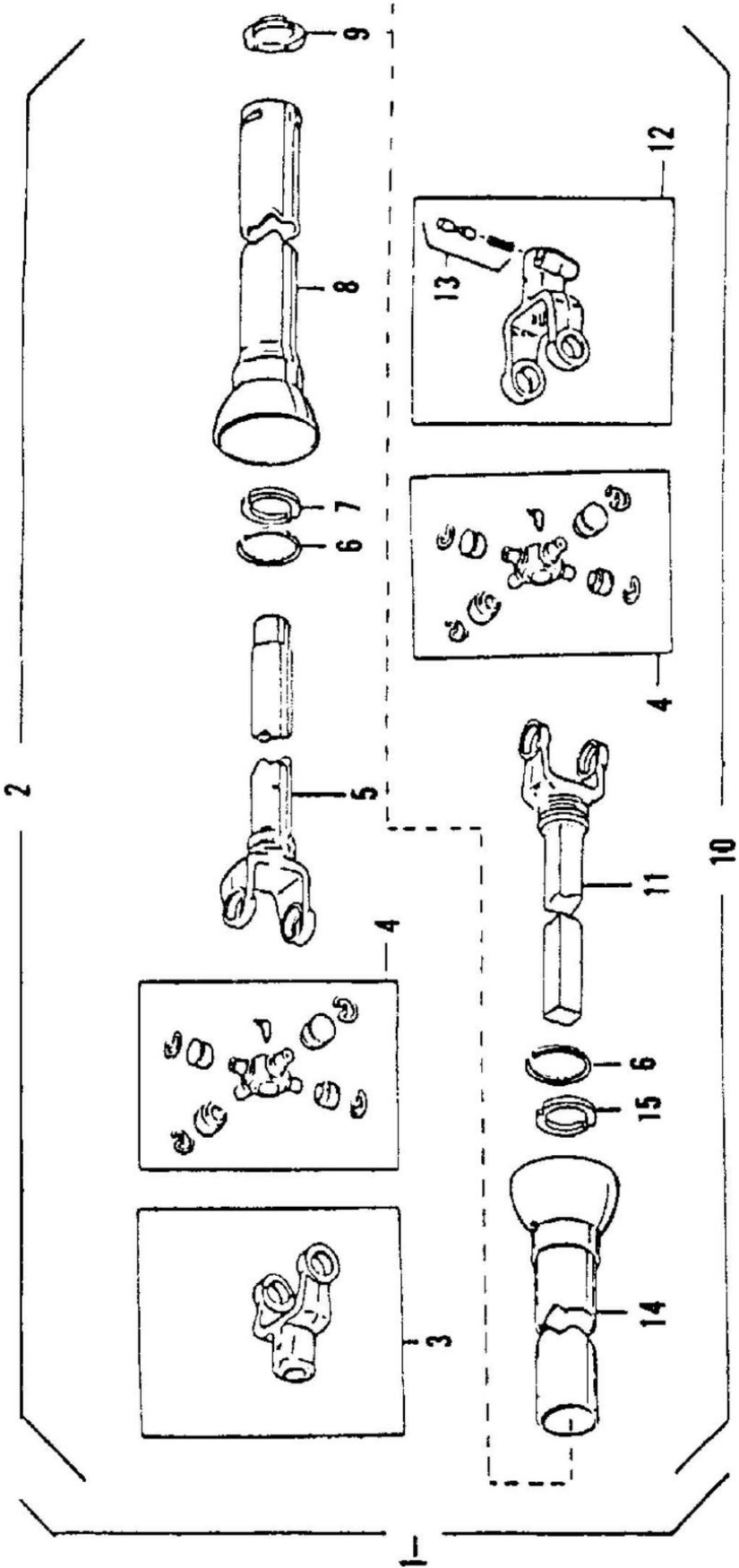
Item	Part No.	Name	Remarks	Qty	Uom
1	3900025	MOTOR\HYD\17.9\HAMNT\7/8FOR\1SHFT			EA.
2	3900002	MOUNTING FLANGE		1	EA.
3	6200011	KEY\WDF\1/4X1		1	EA.
4	7501038	UNI SEAL KIT 007-009		1	EA.



## 2100 Wheel And Bearing

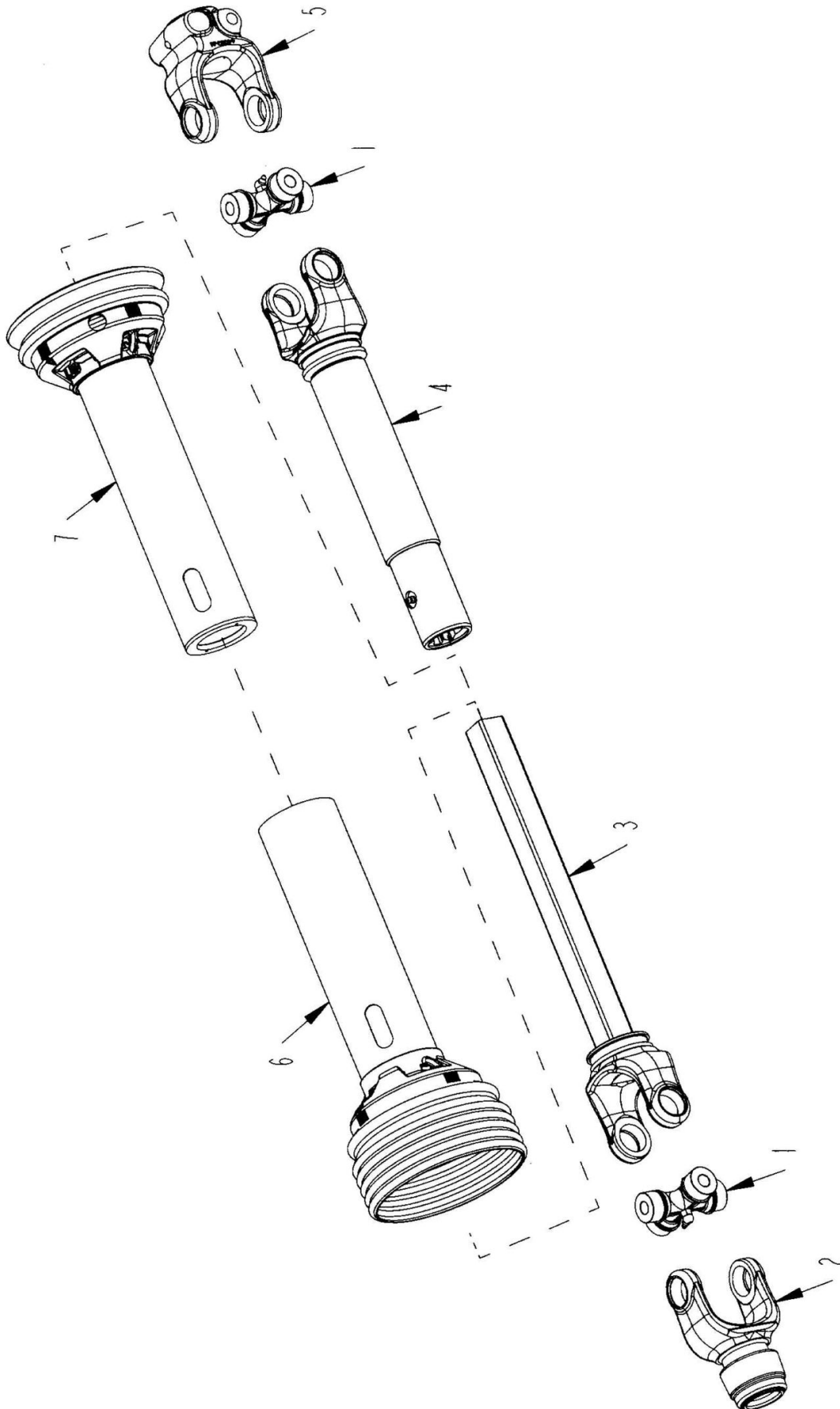
Item	Part No.	Name	Remarks	Qty	Uom
1	2900012	Wheel Bolts, Per Hub		6	EA
2	2600601	WHL\6-BOLT\14X8		2	EA
3	2600013	TIRE\9.5LX14\8PLY		2	EA
NS	2600825	WHL\IMP\9.5X15\TIRE&RIM		2	EA
4	2900013	CAP\DUST\WHL;HUB(DC-13)		1	EA
5	4800157	PIN\COT\3/16X2		1	EA
6	4900054	NUT\CASTLE\7/8\NF		1	EA.
7	5000055	WASH\SPNDL\7/8 FLAT		1	EA.
8	2900018	CONE\OUTER\WHL;HUB(67048		1	EA
9	2900004	CUP\INNER\WHEEL HUB		1	EA
10	2900069	HUB\6BOLT\631\COMP		1	EA
11	2900006	CUP\INNER\WHEEL HUB		1	EA
12	2900007	CONE\OUTER\WHL;HUB(2900069)		1	EA
13	2900008	SEAL\GREASE(2900069HUB)		1	EA
14	MNFRM	See "Main Frame Assembly"			EA.
CA	2900069	HUB\6BOLT\631\COMP		1	EA





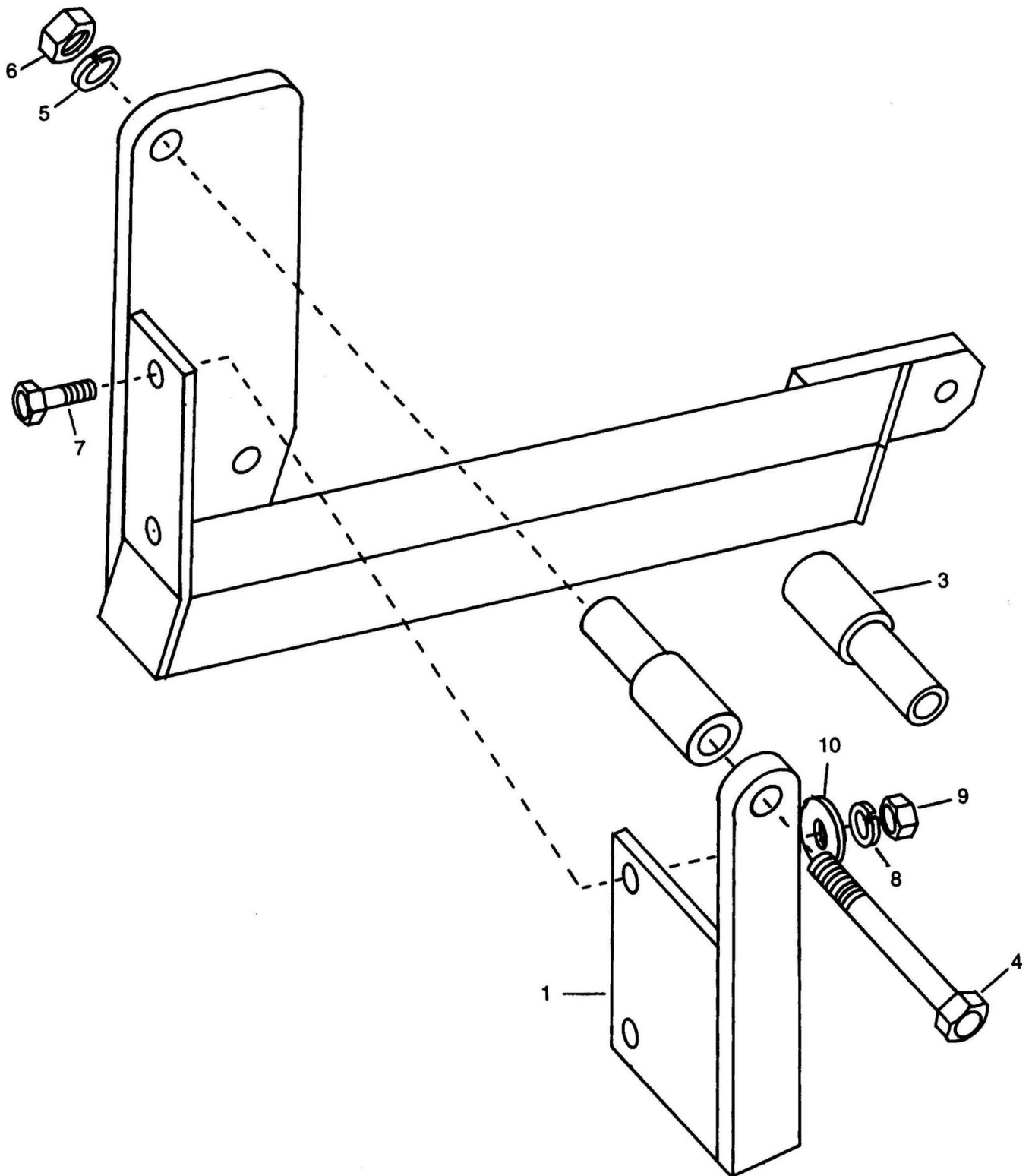
## 2100 PTO Assembly 3600107 - Steel Guard

Item	Part No.	Name	Remarks	Qty	Uom
1	3600107	35RW Universal Joint and Telescoping Shaft assembly with Guard, Steel Guard			EA
2	3600108	Joint and Tube with Guard Machine 1/2 Complete, Steel Guard			EA
3	3600079	YOKE\35W\1-3/4 RD CLAMP		1	EA
4	3600042	CROSS & BEARING KIT 35		2	EA
5	3600109	35W YOKE & TUBE		1	EA
6	3600283	NYLON REPAIR KIT			EA
7	3600283	NYLON REPAIR KIT			EA
8	3600110	Male Guard Tube, Inner, Steel Guard		1	EA
9	3600283	NYLON REPAIR KIT		1	EA
10	3600111	Joint and Shaft Half with Guard, Tractor Complete, Steel Guard		1	EA
11	3600112	35W YOKE & SHAFT		1	EA
12	3600084	YOKE\35W\1-3/8 21 SPL\QD		1	EA
13	3600056	Saf-T-Pin and Spring Kit		1	EA
14	3600113	Female Guard Tube, Steel Guard		1	EA
15	3600283	NYLON REPAIR KIT			EA
NS	3600283	NYLON REPAIR KIT	INCLUDES 6, 7, 9, & 15		EA



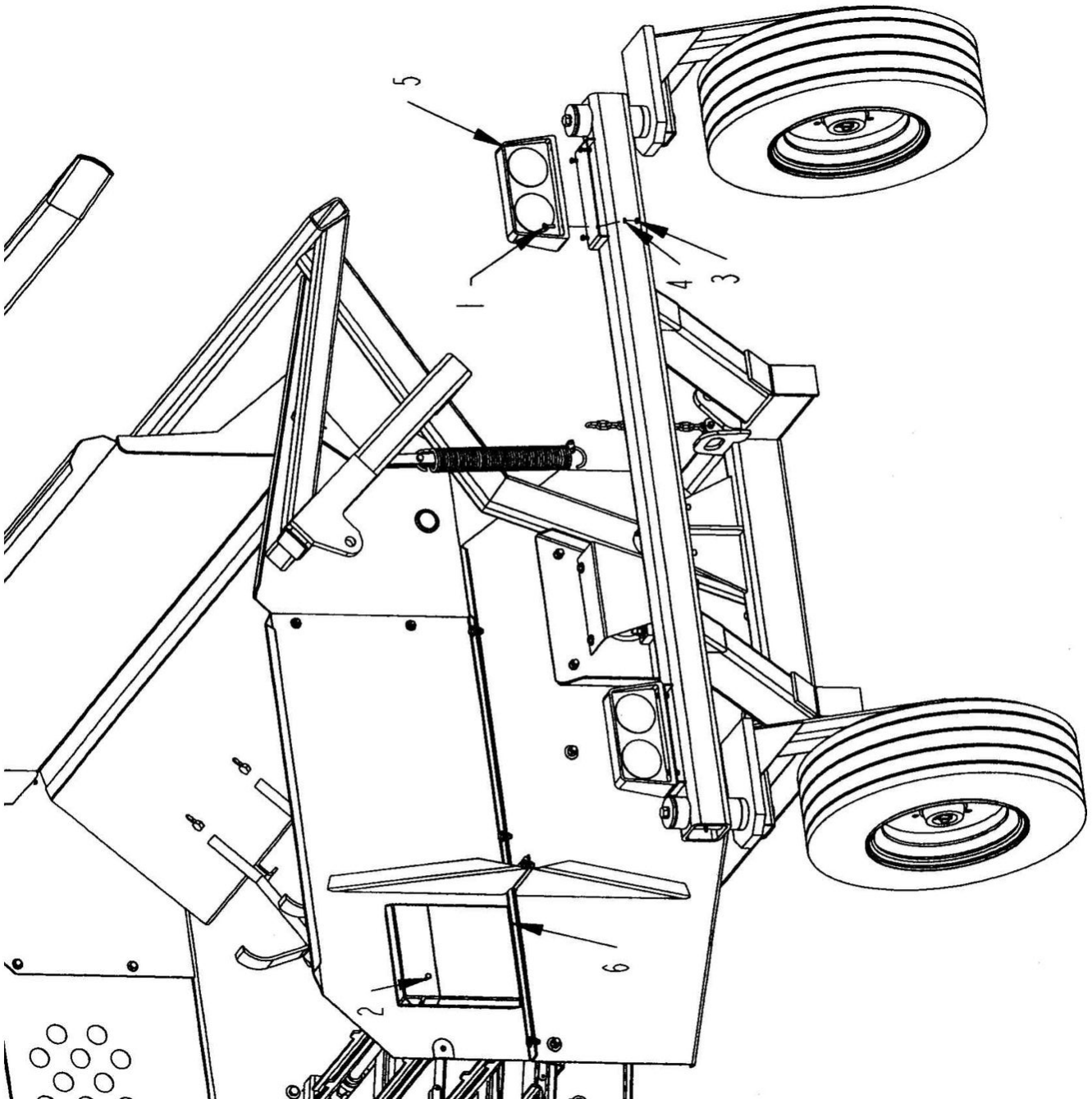
## 2100 PTO Assembly 3600516 - Plastic Guard

Item	Part No.	Name	Remarks	Qty	Uom
CA	3600516	PTO\242-22554\35R\PLASTIC GUARD			EA
1	3600042	CROSS & BEARING KIT 35		2	EA
2	3600084	YOKE\35W\1-3/8 21 SPL\QD		1	EA
3	3600112	35W YOKE & SHAFT		1	EA
4	3600109	35W YOKE & TUBE		1	EA
5	3600079	YOKE\35W\1-3/4 RD CLAMP		1	EA
6	3600517	GUARD\SET\PTO\3600516\PLASTIC GUARD		1	EA
7	3600517	GUARD\SET\PTO\3600516\PLASTIC GUARD		1	EA
NS	3600518	JOINT&SHAFT\ASM\W-PLASTIC GRD SET	INCLUDES: 1,2,3,6		EA
NS	3600519	JOINT&TUBE\ASM\W-PLASTIC GRD SET	INCLUDES: 1,4,5,7		EA



## 2100 Balebuster Quick Tatch

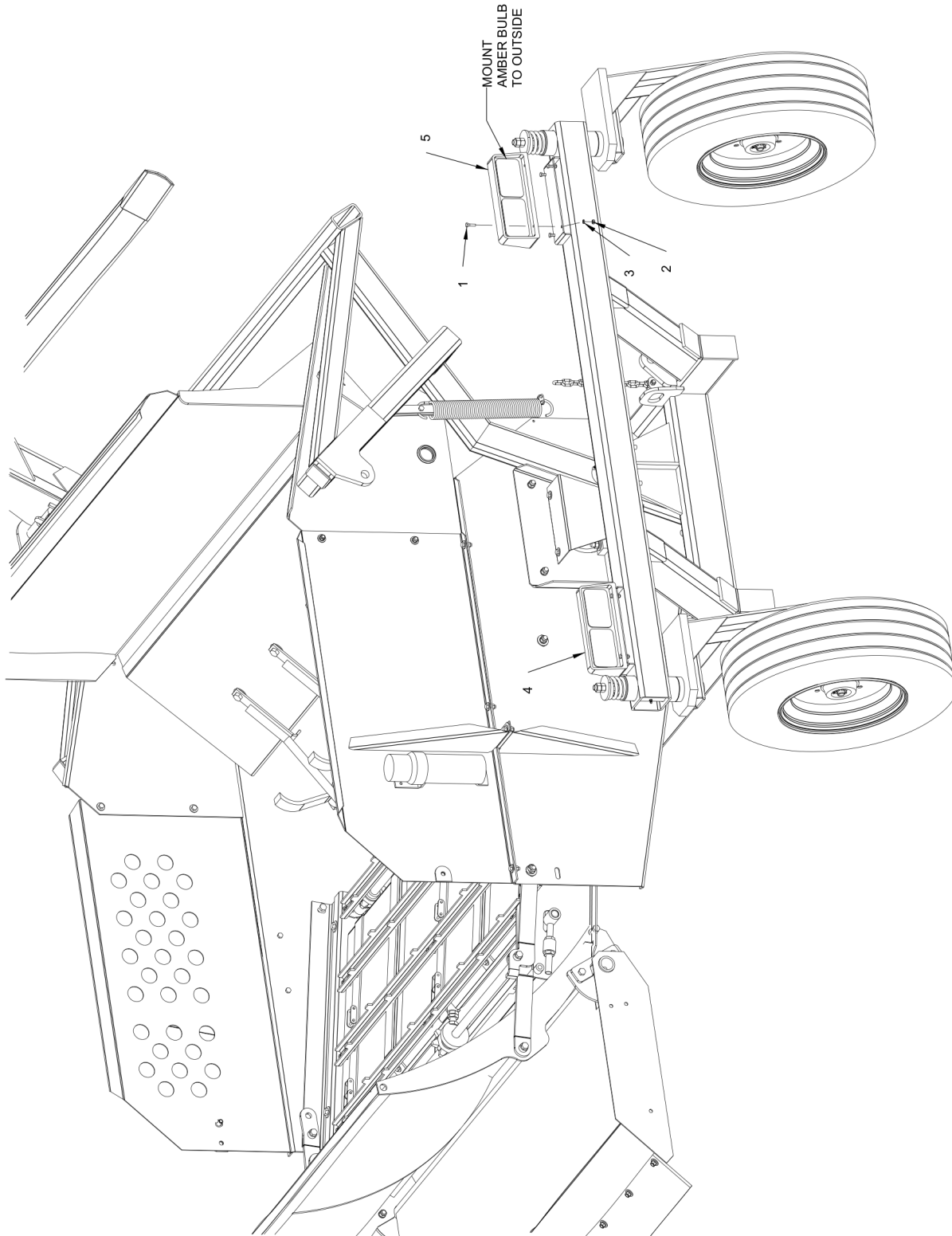
Item	Part No.	Name	Remarks	Qty	Uom
1	8100652	Quick Hitch Mount, Left	LEFT MOUNT SHOWN	1	EA
NS	8100653	Quick Hitch Mount, Right		1	EA
3	8100131	Reversible Adapter Bushing		2	EA
4	4800189	1-1/8" x 9" Grade 5 Hex Bolt		2	EA
5	5000025	1-1/8" Lock Washer		2	EA
6	4900037	NUT\HEX\1-1/8\NC		2	EA
7	4800010	BOLT\HEX\5/8X2		4	EA.
8	5000003	WASH\LOCK\5/8		4	EA.
9	4900005	NUT\HEX\5/8\NC		4	EA.
10	5000002	WASH\FLAT\5/8		4	EA.





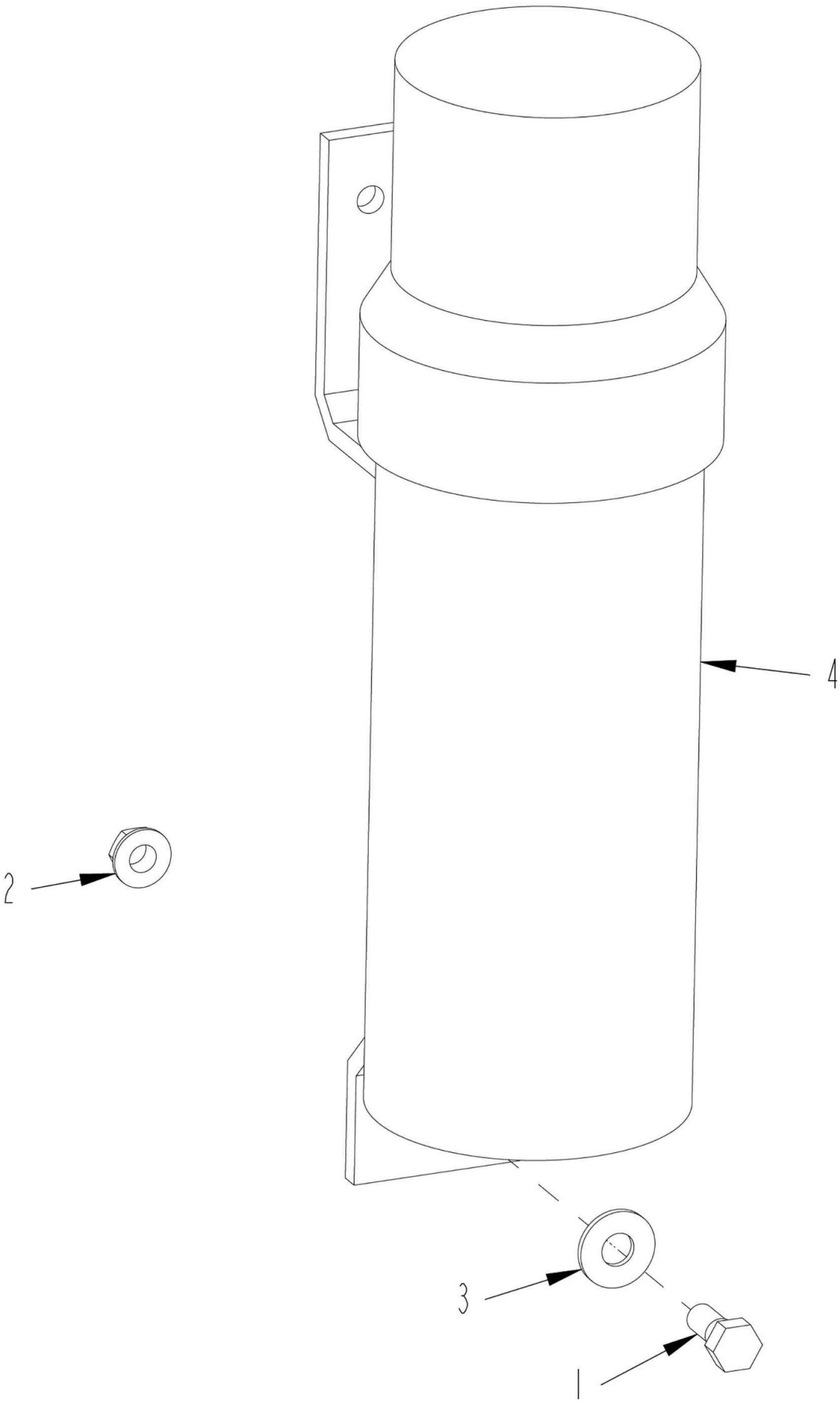
**2100 Taillights (For SN Up to 2121124000)**

Item	Part No.	Name	Remarks	Qty	Uom
1	4800277	BOLT\HEX\1/4X1		8	EA.
2	4800503	BOLT\HEX\1/4X5/8\NC		4	EA
3	4900009	NUT\HEX\1/4\NC		16	EA.
4	5000024	WASH\LOCK\1/4		16	EA.
5	5700852	KIT\LIGHT		1	EA
5 LED	5701080	KIT\LIGHT\2-3PIN;LEDS		1	EA
6	7500590	ENCL\OPS\8-1/2X11X1-5/8	THRU S.N. 1130	1	EA.



**2100 Rectangular Taillights (For SN 2124124100 & Up)**

Item	Part No.	Name	Remarks	Qty	Uom
1	4800277	BOLT\HEX\1/4X1		8	EA.
2	4900009	NUT\HEX\1/4\NC		8	EA.
3	5000024	WASH\LOCK\1/4		8	EA.
4	5701284	LGHT\TAIL\AMBER-LEFT\4PN-WP\LED		1	EA.
5	5701285	LGHT\TAIL\AMBER-RGHT\4PN-WP\LED		1	EA.
CA	8101760	LIGHTS\TRAVEL\KIT\2100			EA



**2100 Manual Canister Assembly**

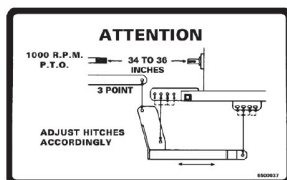
Item	Part No.	Name	Remarks	Qty	Uom
1	4800643	BOLT\HEX\5/16X3/4		2	EA.
2	4900027	NUT\FLG\TPLCK\5/16\NC		2	EA.
3	5000023	WASH\FLAT\5/16		2	EA.
4	7501628	CNSTRS\MANUAL\12X3.5	S.N. 1131 & UP	1	EA.



#1. 6500020



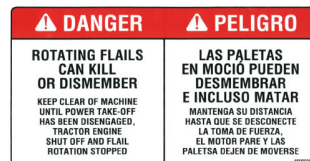
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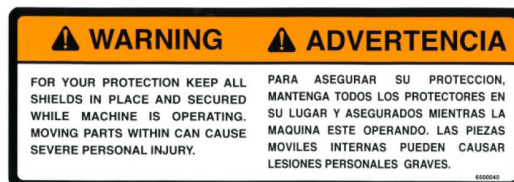
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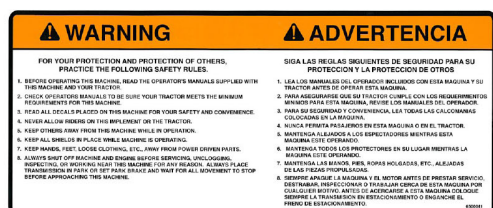
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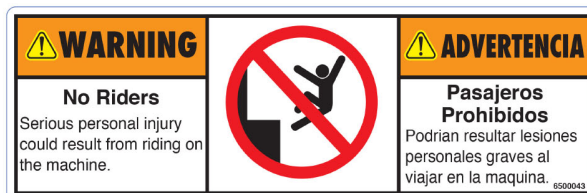
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#6. 6500040



#7. 6500041



#8. 6500043



#9. 6500074



#10. 6500085



#11. 6500302

2100

#12. 6500337



#17. 6500549



#13. 6500366



#14. 6500434



#15. 6500435



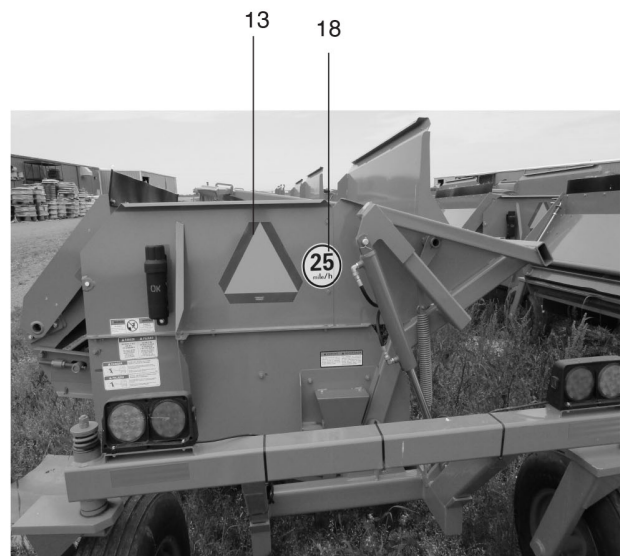
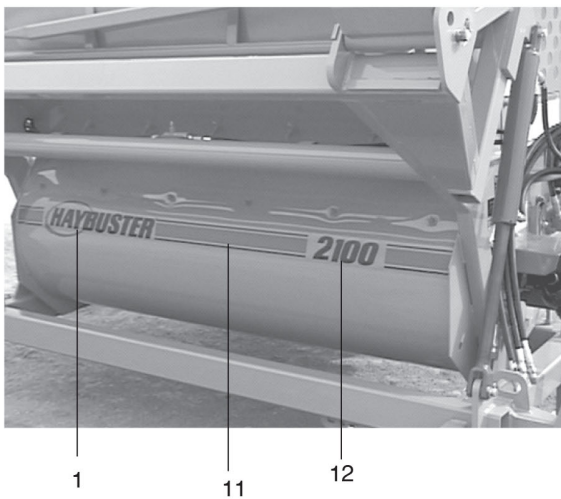
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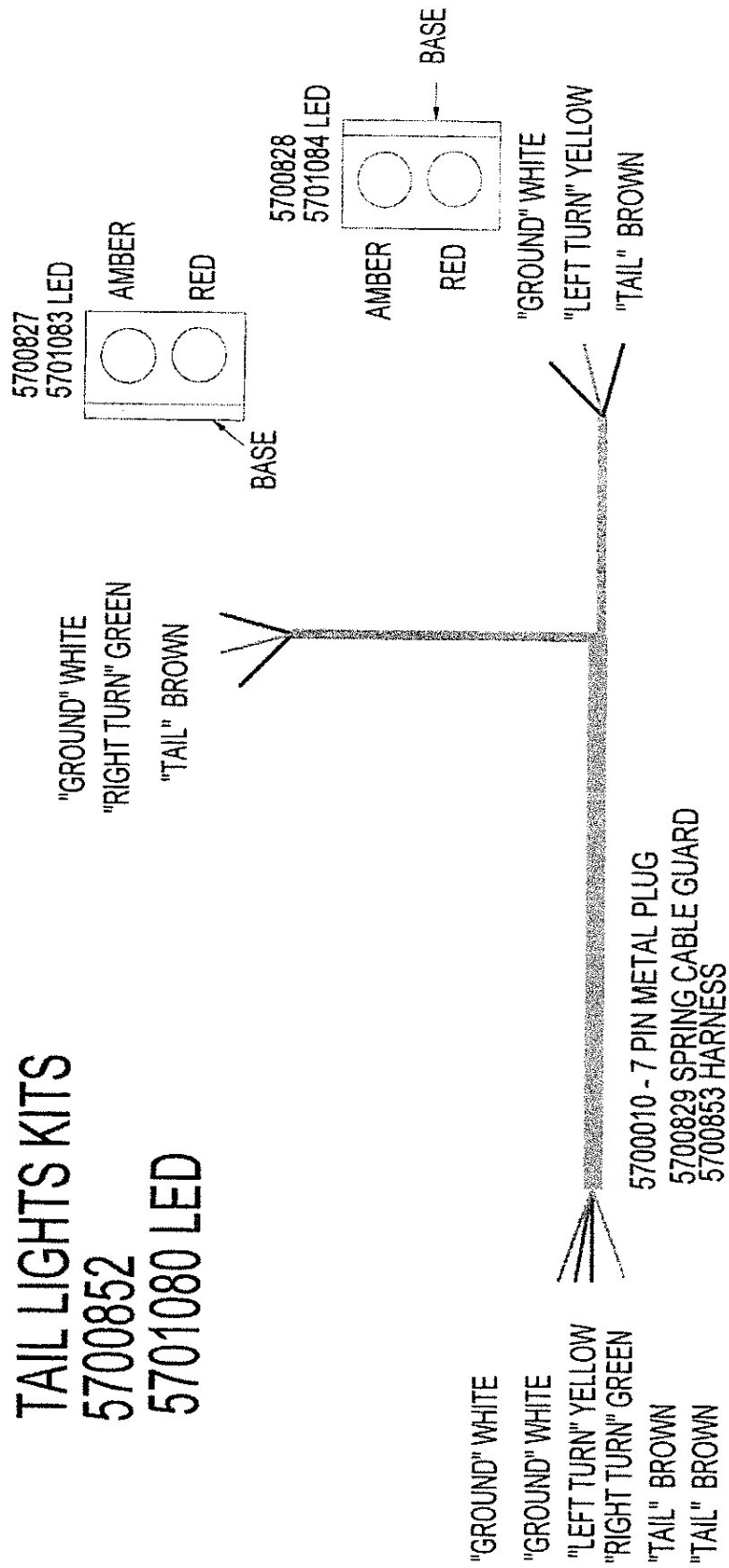
#18. 6500599

## 2100 Decals

Item	Part No.	Name	Remarks	Qty	Uom
1	6500020	DECAL\LOGO\HYBSTR\SNBRS\3		2	EA.
2	6500034	DECAL\DNGR\FLYG;HAY\RACK		3	EA.
3	6500035	DECAL\DNGR\ROTATNG;FLAILS		2	EA.
4	6500036	DECAL\INFO\BALE;ROTATION>		1	EA.
5	6500037	DECAL\INFO\ATTN;ADJ;HITCH		1	EA
6	6500040	DECAL\WARN\SHIELD\PROT		2	EA.
7	6500041	DECAL\WARN\PROTECTION		1	EA.
8	6500043	DECAL\WARN\NO;RIDERS		2	EA.
9	6500074	DECAL\INFO\TO;REDUCE;HAY>		1	EA
10	6500085	DECAL\DNGR\ROTATNG;DR-LNE		1	EA.
11	6500302	DECAL\LOGO\STRIP\3\RD&BLK		10	FT.
12	6500337	DECAL\LOGO\2100		2	EA
13	6500366	DECAL\SMV		1	EA
14	6500434	DECAL\2X9\RED\REFCT		2	EA.
15	6500435	DECAL\2X9\AMBER\REFCT		2	EA.
16	6500546	DECAL\BOLTS\FLAIL\156 FT-LBS		1	EA.
17	6500549	DECAL\WARN\PPE		1	EA.
18	6500599	DECAL\ID\SPEED\25MPH		1	EA.
CA	6500409	DECAL\KIT\2100			EA.
NS	7500077	Yellow Spray Paint	ORDER 7500980		EA.
NS	7500092	Yellow Paint			EA.
NS	7500091	Yellow Paint			EA.
NS	7500078	Red Spray Paint			EA.
NS	7500105	Red Paint			EA.
NS	7500104	Red Paint			EA.

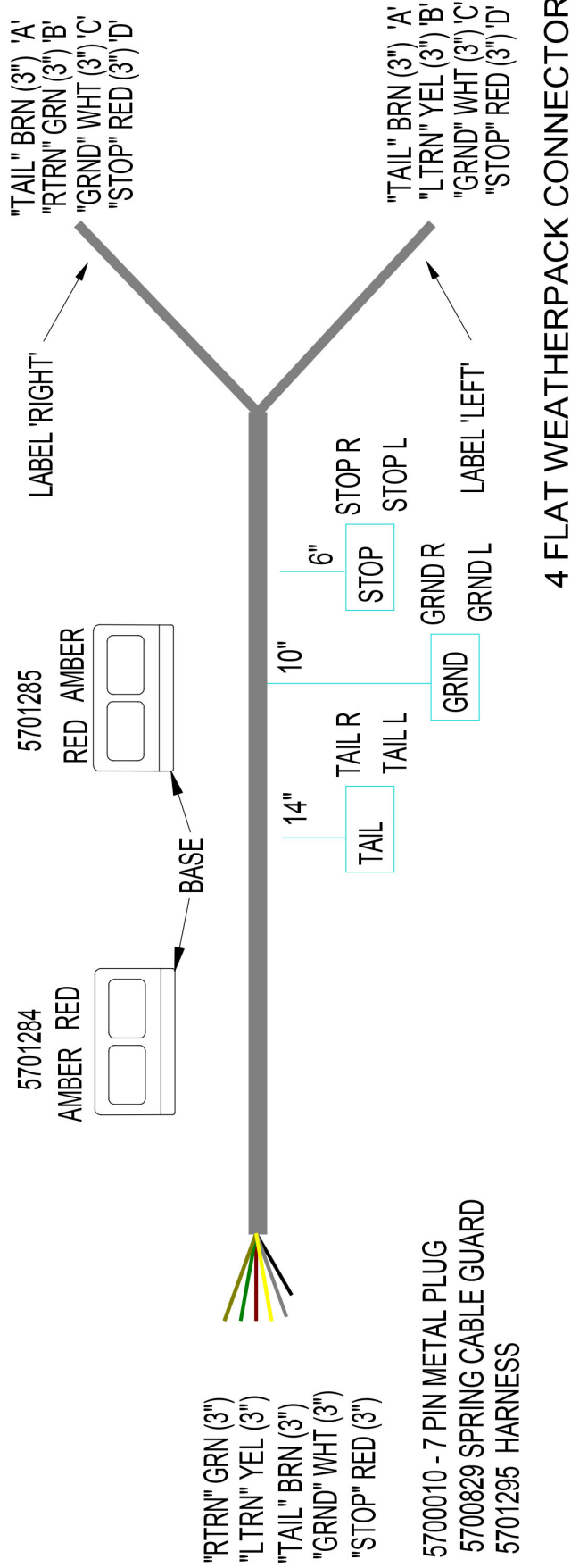






## 5701300

## TAIL LIGHT KIT for 107, 77, and 2100





## Delivery Report

Delivery Date	Machine Model	Serial No.	
Dealer Name		Engine Serial No.	
Dealer Address		Invoice No.	
Dealer City	State	Zip	
Dealer Email		Phone	

Customer Name		
Customer Address	Phone	
Customer City	State	Zip
Customer Email		

The following items are to be checked as they are explained to the owner / operator at the time of delivery

- ☐ Explain the delivery packet and present the operators manual(s) to the owner / operator.
- ☐ Review and inspect the machine safety signs (decals) and the operator's manual.
- ☐ Advise the owner that the dealer is the source to obtain operator training, and information regarding the correct application of the machine to the job, as well as service and warranty information.
- ☐ Explain the capabilities and restrictions of the machine as it applies to the owner's application as defined in the operator's manual.
- ☐ Explain the operation of the controls and start up and shut down procedures of the engine and power transmission components of the machine.
- ☐ Explain rated lift or carrying capacity and loading and unloading procedures of the machine to maintain safety and stability of the machine.
- ☐ Explain proper folding, unfolding, and transporting procedures to the owner / operator.
- ☐ Explain recommended fueling procedures on engine equipped machines.
- ☐ Explain proper loading and unloading of materials from the tub or grinding chamber of the machine.
- ☐ Objects thrown by shredding or spinning rotors may represent a hazard to personnel and property in the area. Minimize risks by planning and by keeping personnel and property clear of hazard area.
- ☐ Explain the availability and use of the tub cover to further reduce risks of thrown objects.
- ☐ Review maintenance and lubrication procedures with the operator / maintenance person as defined in the operators manual.
- ☐ Advise never to use the machine in an environment with explosive or flammable materials present.
- ☐ Explain warranty policy and limitations to the owner / operator.



### Warning

**Misuse of the machine or modification or removal of the guards, safety devices, or control interlocks can cause injury or death.**

The above delivery information has been explained to me. I understand the operation and maintenance of this machine. I also acknowledge the warranty conditions and limitations as outlined.	
Owner / Operator Signature	Date
Dealer Representative Signature	Date

