HAYBUSTER®

Operating Instructions and Parts Reference

2574™
BALEBUSTER

Product Information

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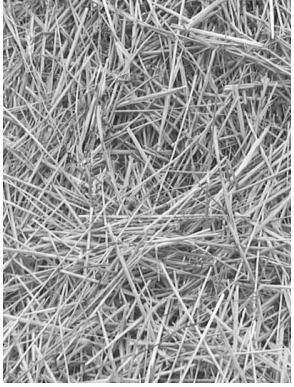


HAYBUSTER®

A Tradition of Innovation Since 1966

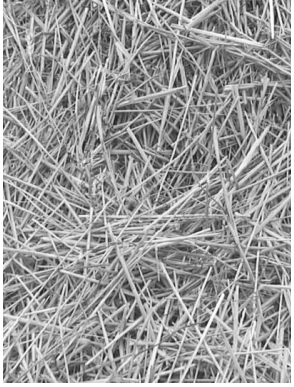
HAYBUSTER®

2574™ BALEBUSTER™

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 2574™ BALEBUSTER™ as of the date of publication. DuraTech Industries reserves the right to make updates to the machine from time to time. Even in the event of such updates, you should still find this manual to be appropriate for the safe operation and maintenance of your unit.

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



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Foreword

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

- Section 2, ”Dealer Preparation,” to verify that the machine has been prepared for use.
- Section 3, “Operation,” which explain normal operation of the machine.
- Foreword and Section 1, important safety information.
- Section 3.1, “Pre-Operation Inspection”.

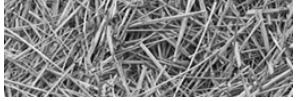
Appropriate use of unit

Your model 2574™ BALEBUSTER™ is designed to load and shred most types of baled livestock forage. It is designed specifically for use on 6 foot. diameter round bales weighing up to 2,000 pounds and 5-1/2 feet in length

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

The BALEBUSTER has multiple uses:

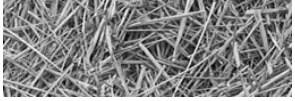
- Laying forage windrows in open fields.
- Filling feed bunks - fenceline, circular etc.
- Spreading straw for livestock bedding.
- Spreading mulch over perennial plants, such as strawberries, mushrooms, etc.
- Spreading mulch over reclaimed land areas.
- Spreading mulch over sugar beets for storage.

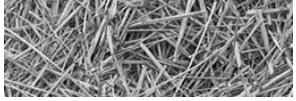


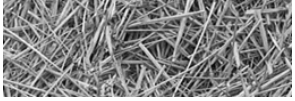
Operator protection

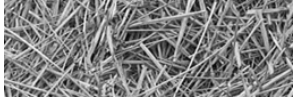
As with all machinery, care needs to be taken in order to insure the safety of the operator and those in the surrounding area.

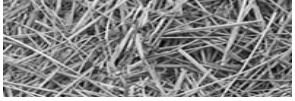
WARNING: The **OPERATOR IS RESPONSIBLE** for the safety of the operator and those in the surrounding area. Operators of the **BALEBUSTER** are required to wear head, eye, and ear protection, No loose clothing is allowed.











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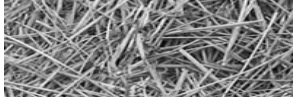
2574™ BALEBUSTER™

Part 1: Operating Instructions



Introduction

Appropriate use of unit

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NOTE: 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.

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- Filling feed bunks - fenceline, circular etc.
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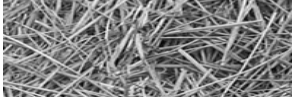
- Spreading mulch over perennial plants, such as strawberries, mushrooms, etc.
- Spreading mulch over reclaimed land areas.
- Spreading mulch over sugar beets for storage.

Purpose

The purpose of this owner's manual is to explain maintenance requirements and routine adjustments for the most efficient operation of your 2574 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: 2574 BALEBUSTER SERIAL NO. _____



How to use this manual

Manual organization

This manual is organized into the following parts:

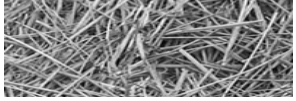
- Part 1: Operating instructions explain how to set up, use and maintain the 2574 BALEBUSTER.
- Part 2: Parts reference contains diagrams of each assembly, with the part number of each part. A key on the facing page contains a description of the part and the quantity used.

Dealer responsibilities

- Read Section 2, “Dealer Preparation,” and perform the tasks outlined. Also perform a pre-operation inspection as described in Section 3.1.
- 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.
- Tractor is setup according to section 3.3.1 “tractor set-up”



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 2574 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.

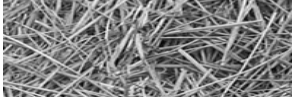
To assure that all decals remain in place and in good condition, follow the instructions below:

- 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** 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.

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.

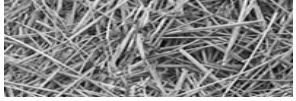
CAUTION:
Signal word - Black Lettering/Yellow Background
Safety Alert Symbol - Black Triangle/Yellow Exclamation Point

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. Yellow warning triangle/black graphical symbol, indicates what the hazard is.** **Hazard Identification**
	**2. Red circle-with-slash/black graphical symbol indicates a prohibited action to avoid the hazard.** **Prohibited Action**
	**3. Blue mandatory action circles/white graphical symbol - indicates an action to take to avoid the hazard.** **Mandatory Action**



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 **2574 BALEBUSTER** when you are fatigued. Be alert - If you get tired while operating your **2574 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.

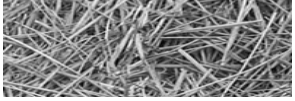
Protect your head with a hard hat to reduce the risk of injury from flying debris.

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 **2574 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, KEEP AWAY! ENTANGLEMENT CAN CAUSE SERIOUS INJURIES OR DEATH.

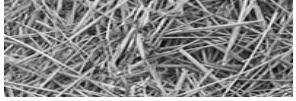
DO NOT OPERATE WITHOUT

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

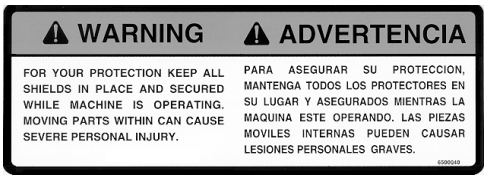
6500085

DANGER: ROTATING PARTS WITHIN CAN KILL OR DISMEMBER. WAIT FOR ALL MOVEMENT TO STOP BEFORE SERVICING, UNLOADING, OR INSPECTING MACHINE.

6500082



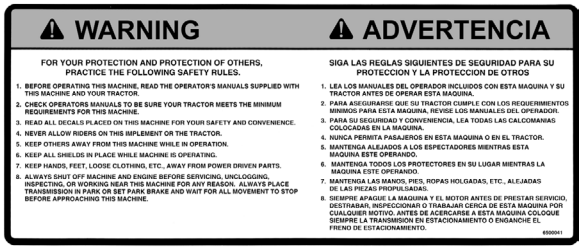
WARNING: FOR YOUR PROTECTION KEEP ALL SHIELDS IN PLACE AND SECURED WHILE MACHINE IS OPERATING MOVING PARTS WITHIN CAN CAUSE SEVERE PERSONAL INJURY.



6500040

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

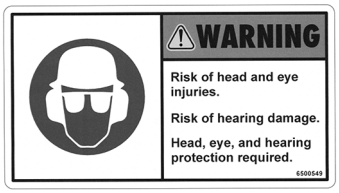
1. BEFORE OPERATING THIS MACHINE, READ THE OPERATOR'S MANUALS SUPPLIED WITH THIS MACHINE AND YOUR TRACTOR.
2. CHECK OPERATORS MANUALS TO BE SURE YOUR TRACTOR MEETS THE MINIMUM REQUIREMENTS FOR THIS MACHINE.
3. READ ALL DECALS PLACED ON THIS MACHINE FOR YOUR SAFETY AND CONVENIENCE.
4. NEVER ALLOW RIDERS 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

WARNING:
- RISK OF HEAD AND EYE INJURIES.
- RISK OF HEARING DAMAGE.

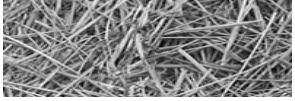
HEAD, EYE, AND HEARING PROTECTION REQUIRED.



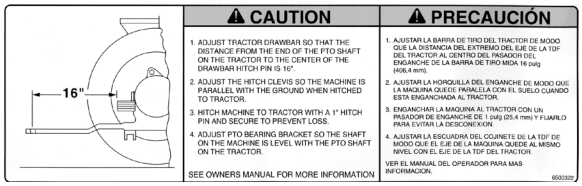
6500549

WARNING: Moving parts can crush and cut.
Keep hands clear.

6500488



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".



6500322

- 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 encouraged to wear head, eye, and ear protection. Operators should not wear loose clothing.

1.6 Safety review

BEFORE OPERATING THE MACHINE

- Read and follow all instructions contained in:

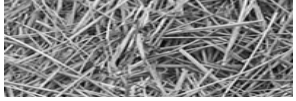
  A. This 2574 BALEBUSTER Operator's manual

  B. Tractor Operator's manual

  C. Decals placed on the 2574 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 requirements contained within this manual. **See Appendix D., Required For Operation:**
- 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.
- Make no modifications to the machine unless specifically recommended or requested by DuraTech Industries.
- Check periodically for broken or worn parts and make any necessary repairs.
- If required install the PTO safety chain. Check local regulations regarding safety chain requirements.



DURING OPERATION

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

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

WHEN PERFORMING SERVICE AND MAINTENANCE

CAUTION: Before performing any maintenance or adjustments make sure machine is NOT running. If for any reason arc welding is to be done, always ground the welder close to the point where the welding is being done. It is recommended that the rotor be grounded to frame of machine to prevent arcing on bearings.

- Before working on or near the BALEBUSTER for any reason, including servicing, cleaning, unplugging or inspecting machine, use normal shut-down procedures unless instructed differently in this manual.
- Use only replacement parts that are provided 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.
- 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.

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

- **Never work on the BALEBUSTER with the bale loader in the raised position. Lower the bale loader to ground level.**
- Check for loose or badly worn bolts or connectors.

- Check for loose or misaligned sprockets on bale conveyor.
- Follow Lubrication Instructions.
- Inspect rotor and all rotating parts for twine or wire build-up. REMOVE DAILY
- Check air pressure in tires, inflate to the tire manufacturers recommended psi. The manufacturers recommended psi will be listed on the side wall of the tire.
- Check wheel bearings, and seals.
- Check flail bolts and tighten flail knife anchor bolts to 150 ft. lbs (21.5 kg-m) torque. Flail should pivot on the bushing not on the bolt. Flail bolts are 5/8"x4", Gr 8 fine thread.

1.7 Towing/road transport

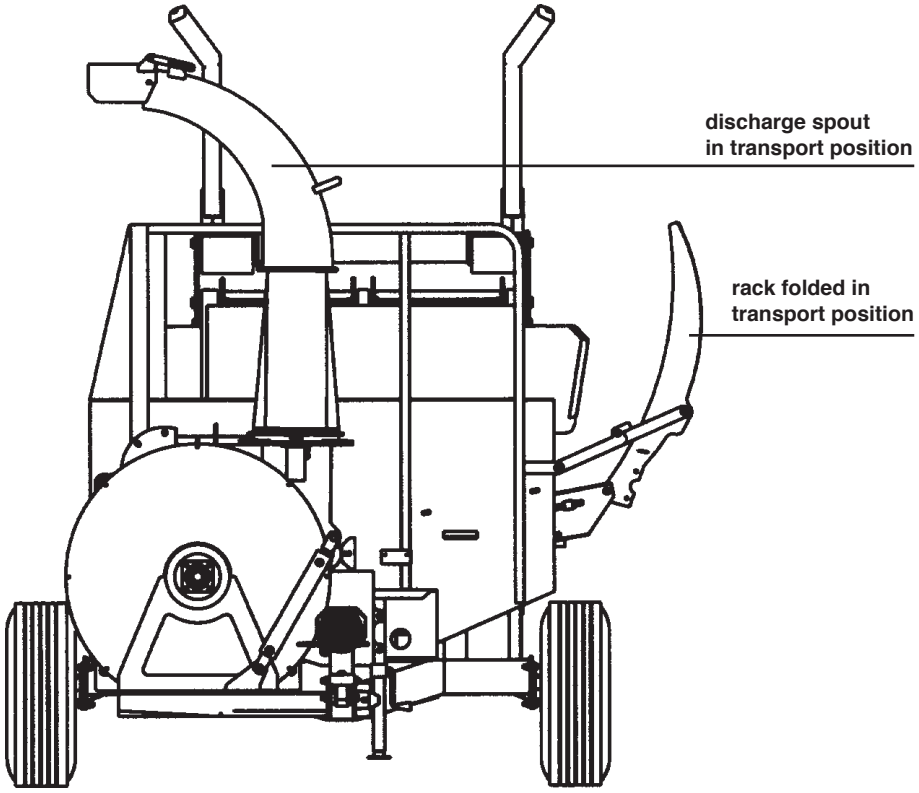
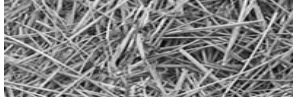


Figure 1.1
Rack, discharge spout and fan housing in the transport position

This machine is designed to fold for ease of transportation and storage. The rack assembly folds inside of bale chamber. A commercial diver's license may be required to tow this unit on public roads; verify with traffic control or licensing authorities.

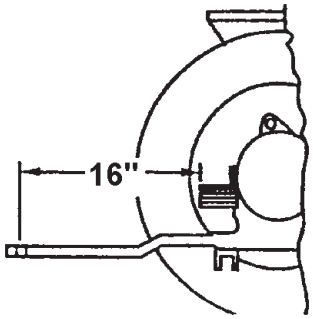
- Use good judgment and drive slowly over rough or uneven terrain.
- Be sure tractor brakes are properly adjusted and foot pedals are locked together.
- When preparing implement for transport, it is recommended that the tines be removed or a pin be removed on each tine so they can pivot into the bale chamber.
- The discharge spout must be rotated to an upright position, and the fan housing must be locked in position with the strap bolted on the right side of the main frame (see Figure 1.1).
- 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

1. Hitch the BALEBUSTER to the tractor drawbar. Adjust the hitch so machine is parallel with ground.
2. Raise the jack. Pull the lock pin and store in the transport position.
3. Mount fork tines to loader frame..
4. Attach the PTO shaft to the tractor PTO shaft. Depress coupling and slide the coupling onto the splined shaft. Make sure the spring loaded safety catch is properly seated.
5. Pull rack assembly into operating position.
6. If required, install the safety chain. Check local regulations regarding safety chain requirements.
7. Grease PTO before use.
8. This machine is set up to operate on 1000 RPM only!



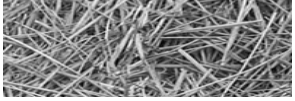
safe distance from PTO

For more information see section 3.3.1 "Tractor Set Up"

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.

- ❑ 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.
- ❑ Check for loose flail bolts, torque to 150 ft. lbs (21.5 kg-m).



2.3 Machine operation check

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

WARNING: The electric\hydraulic system is polarity sensitive, reversing polarity will cause damage to the solenoid P\N (4000174)

CAUTION: The electric\hydraulic system has a check valve installed on the valve. Oil will flow only one direction from the tractor thru the valve.

With the engine off and key removed from the switch:

1. Adjust the spout, the fan housing should turn.
2. Adjust the deflector tip on the spout.
3. Adjust the slug bar

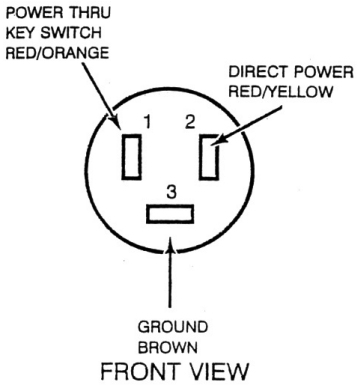
With the engine at idle:

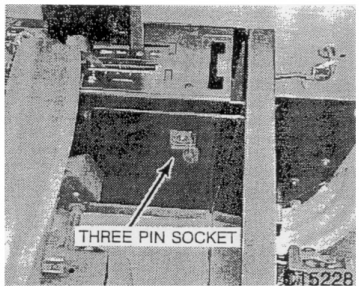
1. Raise and lower the loading arms.
2. Adjust the spout if equipped with the hydraulic motor option.
3. Engage the bale conveyor, adjust conveyor speed control valve on the BALEBUSTER.
4. Engage the tractor PTO, the rotor, transfer auger, and fan should be running. Listen for any odd noises and vibrations.

Three Pin Socket

An auxiliary power connection is provided inside the operators compartment for connecting monitors, implement controllers, C.B. radios and other 12-volt equipment.

The three pin outlet is located on the right hand side to the rear of the seat. The outlet has a ground terminal and two 12-volt power terminals. One power terminal is through the key switch and the other is direct power.





2.4 Loading tines

For shipping purposes the loading tines are placed on the loader as shown above.

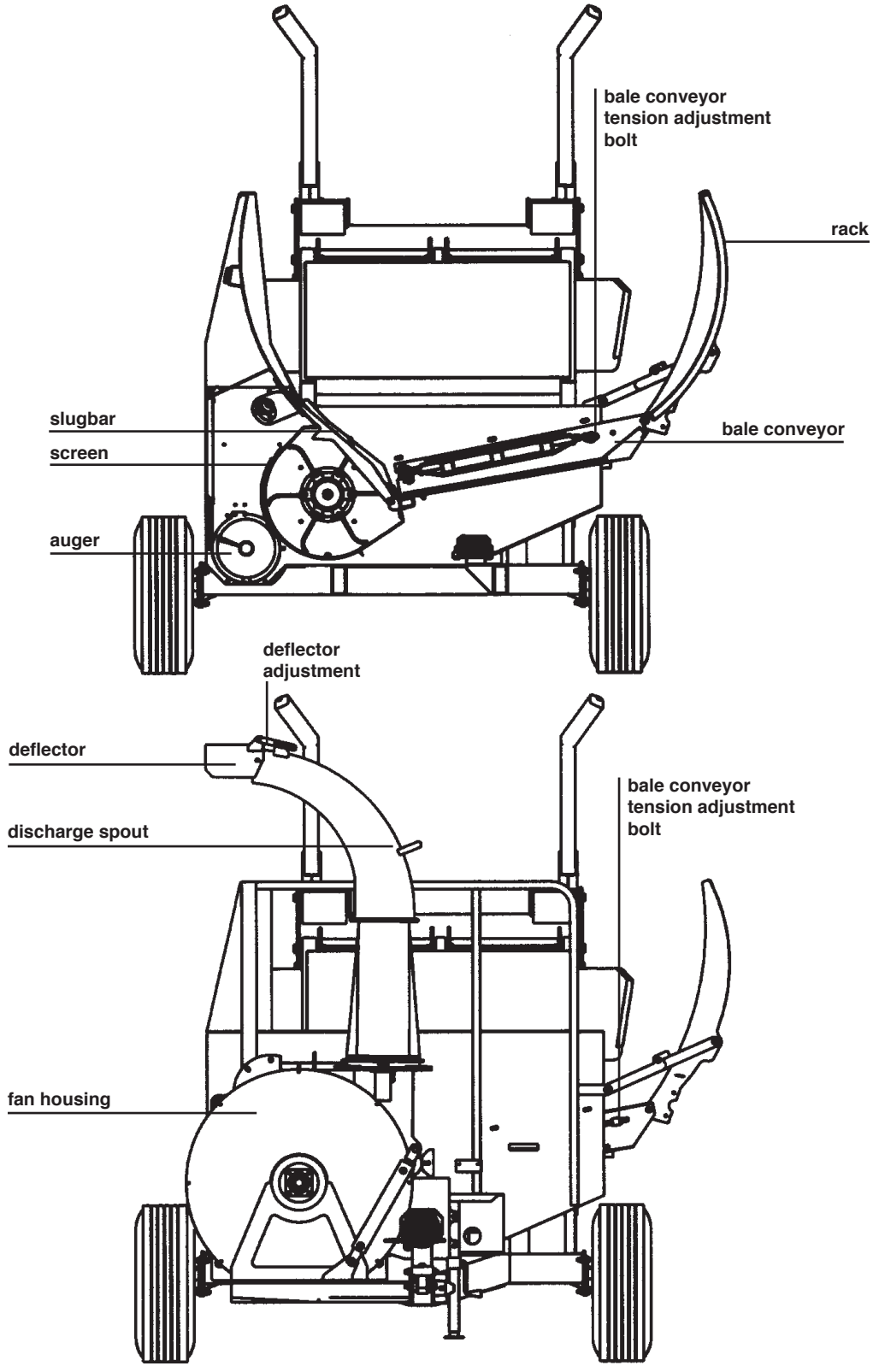
After receiving the machine the loading tines need to be removed and put into the working position. See section **3.3.12 Loader** for setting the position of tines for bales.

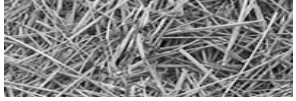
Section 3: Operation

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

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

Figure 3.1
Location of major components





3.1 Pre-operation inspection

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

WARNING: Before inspecting the machine, use the normal shut-down procedure in section 3.3.4.

Check the following:

- ❑ Transfer auger and screen for material buildup, and chunks from screen that have fallen into the transfer auger.
- ❑ Condition of flails and attachment bolts. Flail nuts are to be tightened to 150 ft. lbs (21.5 kg-m).
- ❑ Rotor for twine build-up.
- ❑ Chains for proper tension, and condition.
- ❑ Keep auger pan door closed during operation
- ❑ 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.
- ❑ Installation of slow moving vehicle (SMV) sign if required.
- ❑ Installation and condition of shields.
- ❑ Condition of decals.
- ❑ 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.

- ❑ Test run the BALEBUSTER before loading. To prevent damaging the 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 Introduction to the machine

3.2.1 Operator controls

Operator controlled items:

- The loading tines, to load the bale. See section 3.3.6, “Loading”
- The PTO shaft, which runs the fan, auger, and rotor.
- The bale conveyor chain.

Adjustable items:

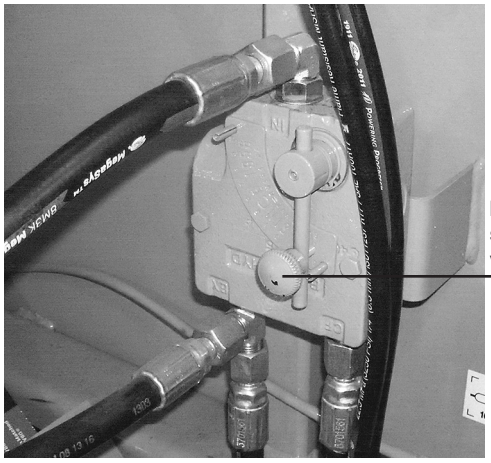
- The conveyor speed control valve. See section 3.4.4, “Adjusting the bale conveyor speed”
- Slug bar setting
- Screen size
- Spout and spout deflector settings

3.2.2 Bale conveyor

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

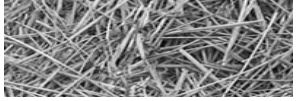
Bale conveyor speed is set with the conveyor speed control valve or tractor controls if equipped with a PFC system.

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



3.2.3 Rotor

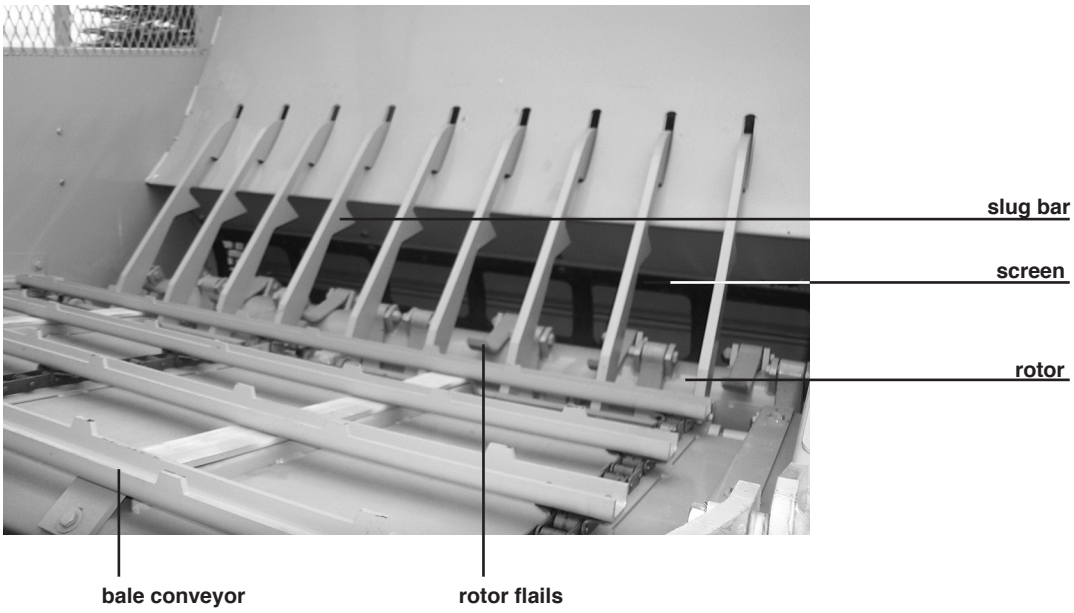
The rotor flails shred the bale and throws the material into the augers. Rotor speed should remain constant, which is done by keeping the tractor PTO at 1000 RPM.



3.2.4 Auger

Transfers material from rotor chamber to fan, driven by the rotor.

Figure 3.2
Rotor, bale conveyor, slug bars, and the screen



3.2.5 Slug bars

The 2574 BALEBUSTER comes standard with 9 slug bars. The slug bars control the depth that the flails cut into a bale as it is being shredded. As the depth of the cut becomes larger, the output becomes coarser. The depth of cut is controlled by the slug bar ratchet. For more information, see section 3.4.5 on changing the slug bar settings.

3.2.6 Screen

Screens are used in the 2574 to regulate product size. Screen sizes are 4-1/4”x10-1/2”, and 6-1/2”x10-1/2” openings. The larger the hole, the coarser the product. Screens can be reversed when one edge becomes worn. See section 3.4.3 on changing screens.

3.2.7 Fan

Material goes through fan and is blown out discharge. Driven by PTO.

3.2.8 Discharge spout and deflector

The discharge spout and deflector assembly can be adjusted for different scattering effects. Raise the deflector for a wider spread. Lower the deflector for a narrower windrow. Rotate the discharge spout and fan housing for distribution near the machine or farther out.

3.3 Machine Operation & Adjustments

3.3.1 Tractor Set Up

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

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

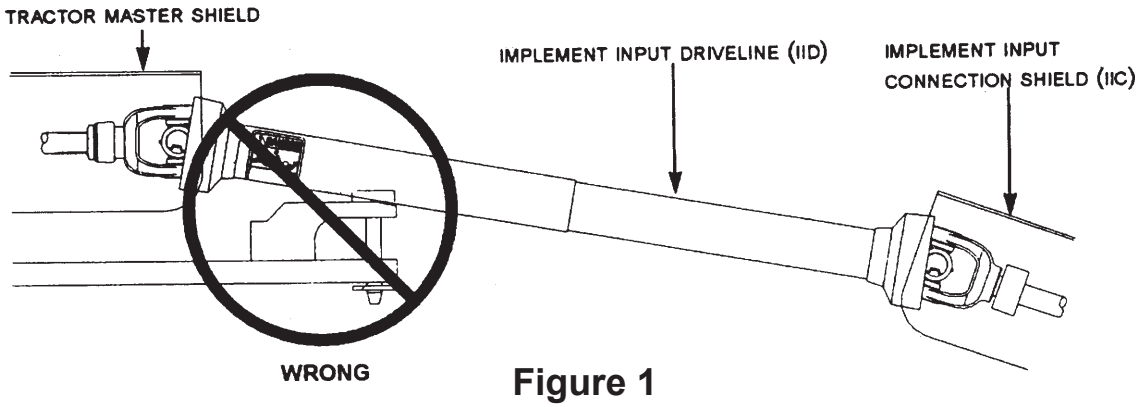


Figure 1

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

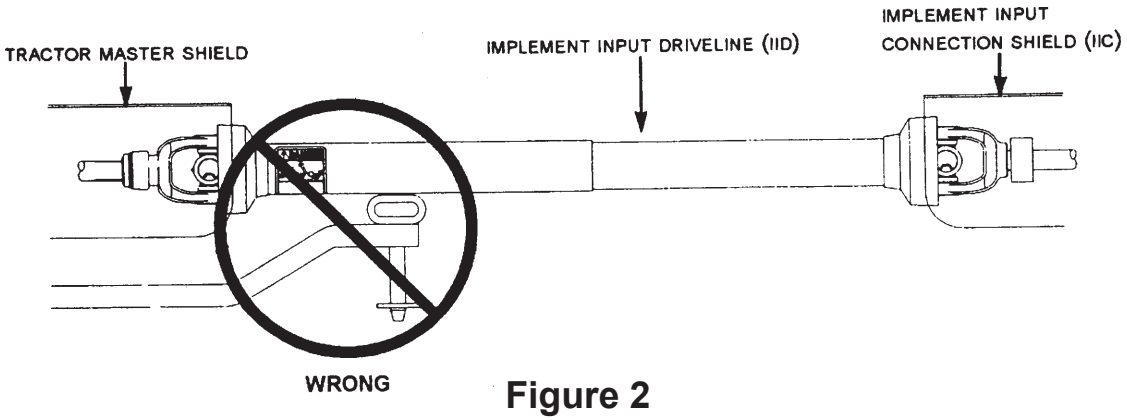
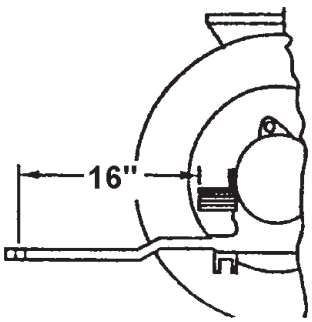


Figure 2

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

Hitch Adjustment

The hitch is adjustable so that the machine is parallel to the ground when attached to the tractor drawbar. This is accomplished by removing the two mounting bolts and reinstalling them with the hitch at the proper height. The distance from the end of the P.T.O. shaft on the tractor to the center of the drawbar hitch pin hole should be 16” (41 cm.), and the height from the top of the drawbar to the centerline of the P.T.O, should be 8”. **Refer to Page 20.**

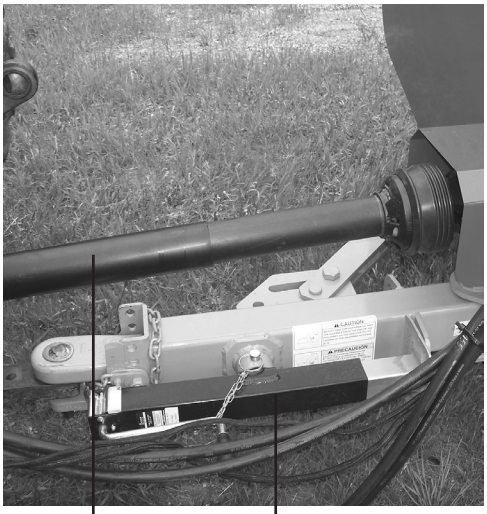


The hitch pin should be of proper size to prevent movement and length to extend through all components of the hitch. The pin should be secured with a hairpin clip or suitable device to prevent the loss of the pin.

3.3.2 Hitching the BALEBUSTER to a tractor

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

1. Adjust jack for tractor height
2. Position tractor so hitch pin can be installed, and install the hitch pin.
3. Adjust jack so that the jackstand is loose. Then place jackstand in the raised and locked position.
4. Attach PTO to tractor.
5. Clean off the hydraulic hose ends and tractor couplings, then attach the hydraulic hoses.
6. Verify hydraulic hoses are hooked up in proper orientation.
7. Raise loading table before moving.



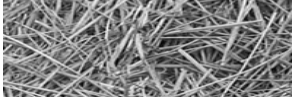
3.3.2A Movable Hitch

The 2574 BALEBUSTER is equipped with a two position moveable hitch, a transporting position and a working position.

When the hitch is in the transporting position, the 2574 BALEBUSTER will center the machine behind the tractor. In the working position the 2574 BALEBUSTER will follow off to the right of the tractor.

To change the positions of the hitch, loosen the 1” diameter bolts, top lock nuts and remove the clevis and hair pin. For the working position, move the hitch so that it is straight out from the machine and the brace lines up with the hole closest to the machine. Replace the clevis pin and hair pin in the hole and tighten the 1” diameter bolts and top lock nuts. For the transport position, move the hitch so that the brace lines up with hole closest to the front of the hitch. Replace the clevis pin and hair pin in the hole and tighten the 1” diameter bolts and top lock nuts.

Hitch shown in working position



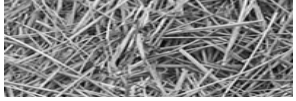
3.3.3 Starting the machine

WARNING: After making all necessary hook-ups to tractor, be sure rotor chamber is clear of any solid objects. Make sure any bystanders are away from discharge before engaging PTO. Flying objects can cause serious injury or even death. 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. Machines hydraulic system performs two (2) functions. One function raises the bale loader for loading bales into the machine. The second function powers bale conveyor by means of a hydraulic motor.
2. 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.
3. Always 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

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



3.3.4 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 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, and wait until the fan and auger are emptied out.
2. Reduce engine RPM to a low idle, wait for the fan to slow down. 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.

3.3.5 Unhitching the BALEBUSTER from a tractor

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

1. Follow Normal shut-down procedure
2. Lower jack and secure. Raise tongue off of the tractor draw bar
3. Detach the PTO shaft from the tractor.
4. Cycle the hydraulic control levers to release any pressure in the hydraulic hoses. Be sure loading table is completely down.
5. Detach the hydraulic hoses.
6. Detach electrical cable.
7. Remove the safety chain, if installed
8. Remove the hitch pin.
9. Place jackstand in the down and locked position. Lower BALEBUSTER into jackstand. Raise Jacks.

3.3.6 P.T.O. Shield and Belt Access Cover

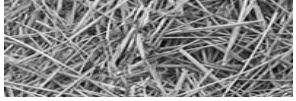
WARNING: Before opening the P.T.O. and the belt access shield, be sure and follow the normal shut down procedure. Be certain that the tractor is shut off and all rotating components of the machine have come to a complete stop before opening the shield. Loose clothing is discouraged, and long hair should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

To open the P.T.O. shield and belt access cover, unhook the rubber latch on the bottom of the shield and open shield as shown below.

figure 3.3a
P.T.O. shield & belt access in maintence position

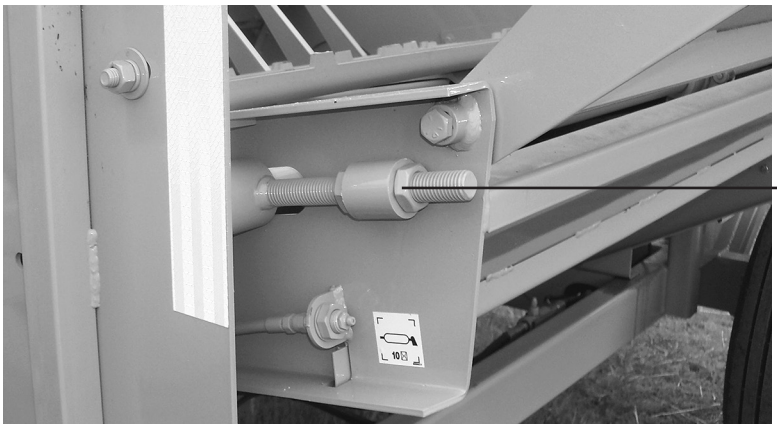
When done working on the P.T.O. or belts, close shield and re-hook the rubber latch. As shown below.

figure 3.3b
P.T.O. shield and belt access in working (latched) position



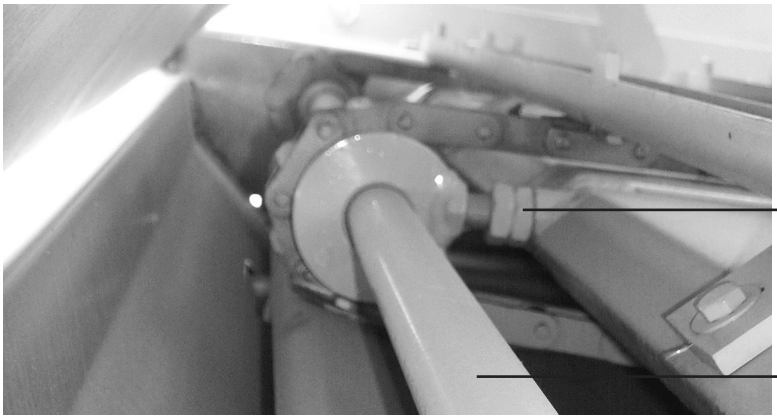
3.3.7 Conveyor Chain Adjustment

The three chain tensioning bolts should be adjusted to allow lifting of the slats 1” to 1-1/2” above the conveyor deck. These bolts are located on the front of the conveyor at the center and on the rear. Bolts must be adjusted evenly. Conveyor shafts must be straight. Over tightening the center chain tensions will damage bearing and slats.



Left conveyor chain adjustment bolt

Right conveyor chain adjustment bolt

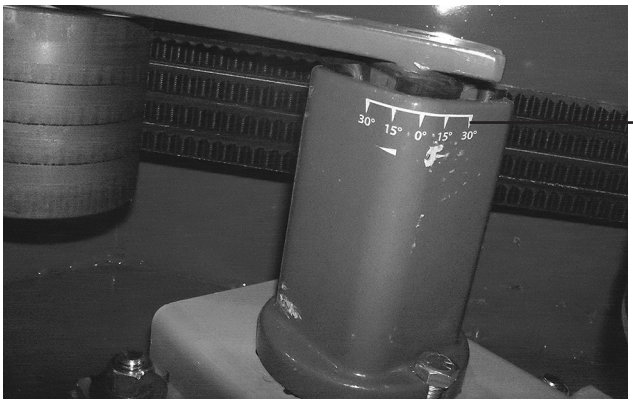


Center conveyor chain adjustment bolts

Conveyor shaft

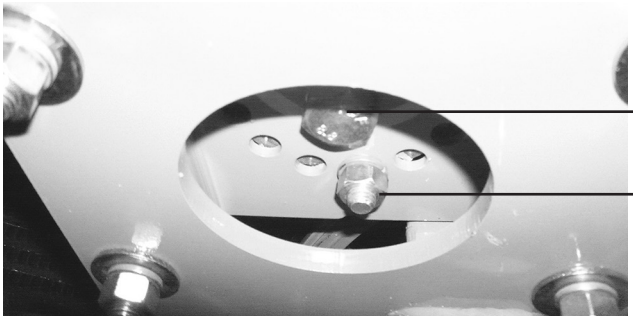
3.3.8 Adjusting Belt Tension

Using the pretension angle marking located in the corner of the outer housing as a reference; loosen the center mounting bolt. With the large wrench provided, hold the outer housing and remove the index bolt. Continue turning the outer housing until the proper amount of tension has been applied, 20 to 30 degrees.
DO NOT EXCEED 30 DEGREES OF PRE-TENSION!



Pretension angle markings

WRENCH
8102154 - Auger Drive
8102155 - Fan



Mounting bolt

Index bolt

The tensioner mounting plates have a notch on one side, turning the mount 180 degrees will move the adjustment index holes a half step.

Tensioner mounting plate notch

For a setting that is halfway between the holes on the mounting plate, rotate the mounting plate 180 degrees and re-tension the bolts.

When belts are at the proper tension, install index bolt and tighten. Tighten the center mounting bolt and re-check pre-tension angle on the outer housing.

3.3.9 Slugbar Adjustment

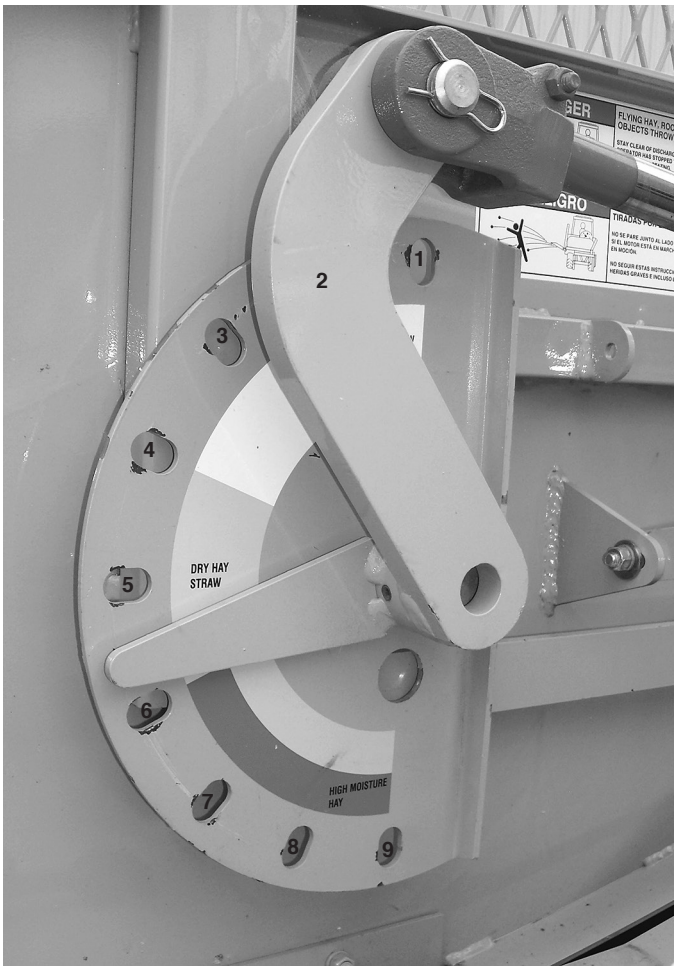
Exposing, less flail will create a finer cut and use less horsepower, while exposing more flail will produce a coarser cut.

This is accomplished by rotating the slugbar adjustment handle. Rotating the handle counterclockwise will expose more flail, clockwise will expose less flail. To rotate the 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 clockwise the will expose the least amount of flail (position 1).

Position	Approx. Flail Exposed
1	1“
2	1-1/8”
3	1-1/4”
4	1- 3/8”
5	1-1/2”
6	1-9/16”
7	1-5/8”
8	1- 11/16”
9	1-3/4”

Positions 1 through 4 are for grinding hay. Positions 4 through 6 should only be used when spreading Dry Straw. (**DO NOT,** use positions 6 through 9 if material is wet, has high moisture content or is frozen.)



Shown with hydraulic slugbar adjustment

3.3.10 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.

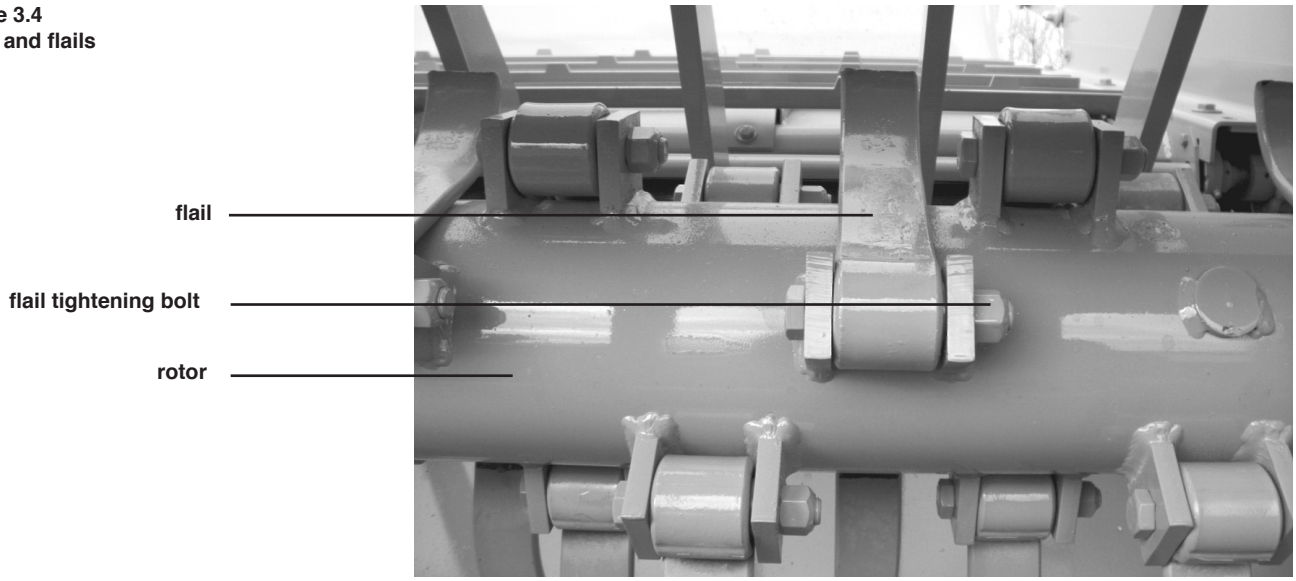
The clean out door allows for easy access to the rotor for flail changes and twine removal. To open the door release the rubber latches. Lift open the door.

To close the door, hook the rubber latches. 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.

3.3.11 Flails

Flails must to be free to rotate about the bushings on the rotor. The bushings must not rotate. The bushings are held secure by tightening the bolts which squeeze the tabs against the bushing. Bolts should be torqued to 156 ft.-lbs. (21.5 kg-m).

figure 3.4
rotor and flails



3.3.12 Loader

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

figure 3.5
Loader Tines right side

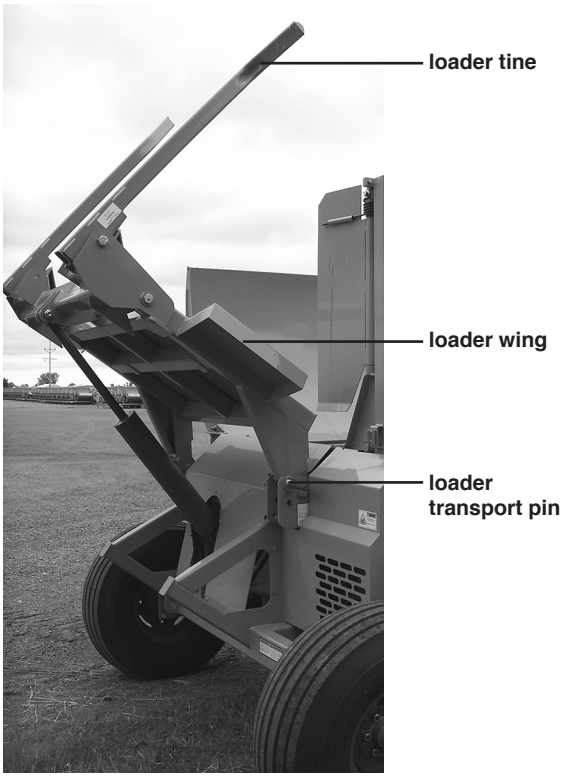


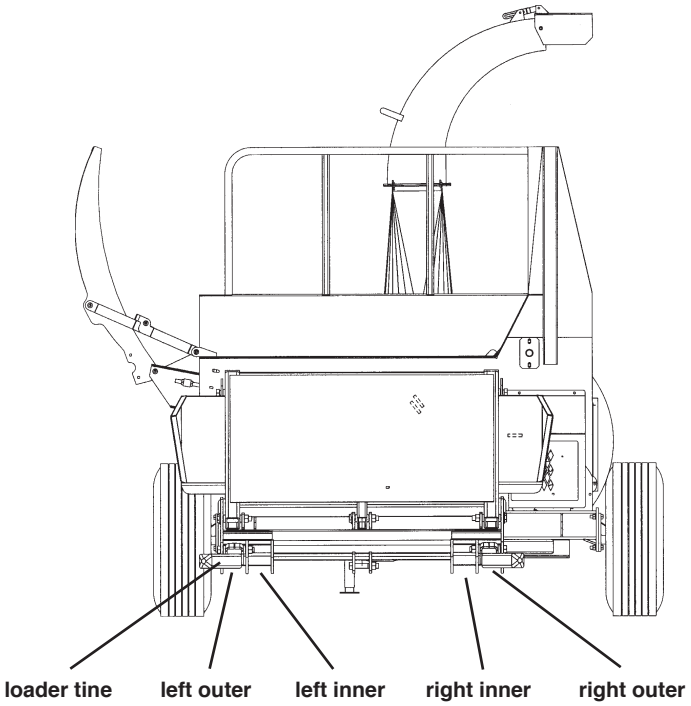
figure 3.5A
Loader Tines left side

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

2. 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.

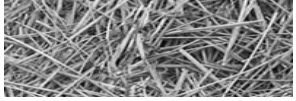


Tine mounting brackets

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

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

CAUTION: Watch for overhead hazards such as power lines.



3.3.13 Loading the bale

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

DANGER: If it is necessary to transport a second bale over uneven terrain, make sure any bystanders are away from the 2574 BALEBUSTER. Serious injury or death could result if the bale rolls off the loader main frame loader supports.

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

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

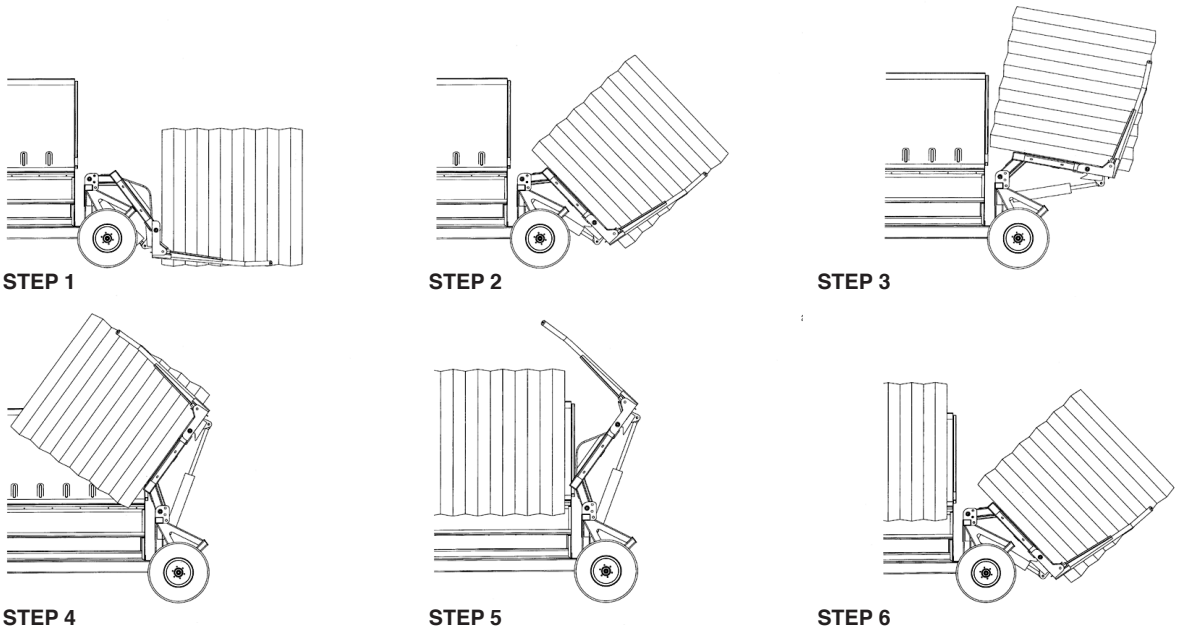
STEP 3-5: Slowly lift bale into the shredding chamber. Continue lifting the bale loader until it stops. The correct position for shedding a single bale will help prevent spillage.

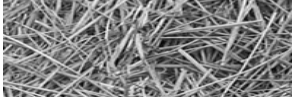
NOTE: If bale does not rotate forward the twine may be over the tine. Cut the twine at this time to prevent damage to the machine.

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

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

figure 3.6
loading the bale





3.3.14 Operating the machine

To operate the machine, perform the following steps:

1. Load machine according to section 3.3.6 “Loading Bales”.
2. With tractor at half speed, engage PTO.
3. Increase tractor engine speed so PTO is at 1000 RPM.
4. Engage conveyor chain orbit motor hydraulics.
5. Drive as needed to spread as desired.

3.3.15 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 pins can be inserted into three positions:

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

loader transport pin in transport position

3.3.16 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.

3.3.17 Tires and Rims

Tires should be inflated to 40 PSI (275 kPa) 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.

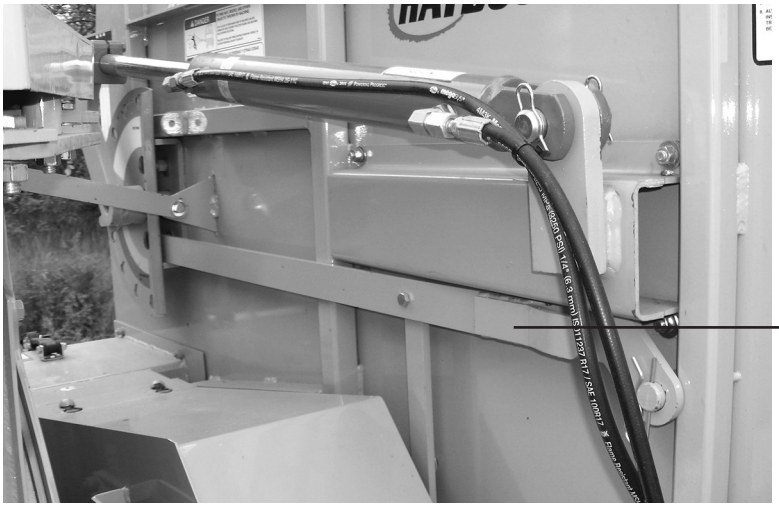
3.3.18 Rack

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 3.7
rack in the working position, rack connection straps

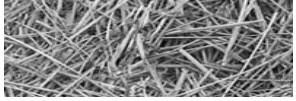
3.3.18A Rack Tool

The 2574 BALEBUSTER comes with a rack tool for unfolding the rack from the transport position. The rack tool is stored on the front of the shredder when not in use.



Rack tool in stored location

Rack tool in position for unfolding rack from transport position



3.3.19 Jack

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

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

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

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

3.3.20 Hooking up hydraulic control box and hydraulics to tractor

To hook up the hydraulic control box to the 2574 Balebuster, line up plug from the control box to the plug on the machine and twist together. To disconnect twist opposite direction and pull apart.

Valves on the 2574 Balebuster are protected with a one way check valve to ensure proper function.

To engage tractor hydraulics so switches function correctly, turn on and lock one hydraulic function when operating the shredder.

If the direction of the lever is not right for the tractor or does not lock, reverse the hydraulic hose hook ups on the tractor.

Recommended hydraulic flow rate is 8 to 12 gallons a minute. If hydraulic flow is to low, it will cause the hoses to pulsate and if the flow is too high, damage to the valve will occur.

To hook up to 12 volt power, one of two power plugs is needed. For newer tractors with a three prong plug a 15 amp fuse is needed. For older tractors a wiring harness can be purchased (part #5700686) using a 15 amp fuse, and plugging the harness into a keyed power source.

3.3.21 Fan

WARNING: The fan on the 2574 BALEBUSTER has an overrunning clutch. When the PTO is disengaged, the fan will continue to rotate. Follow normal shut down procedure and **WAIT** for all moving parts to **STOP**!

The fan assembly on a 2574 BALEBUSTER features bolt-in replaceable fan blades and shaft.

An access cover is located on the front of the fan for replacing fan blades.

3.4 Adjusting the machine

3.4.1 Changing the output distribution pattern

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

For bedding or mulching, remove the spout assembly. This allows the chopped material to discharge directly from the fan. The distance the material is thrown and the coverage may be varied by rotating the fan housing to obtain the desired results. Adding the optional barrel will throw the material farther.

For Bunk Feeding, set the spout in its working position. Adjust the deflector on the end of the spout up or down to help regulate the force of the material leaving the spout. When bunk feeding, raise the spout above the bunk and use the deflector to direct the material downward. This will reduce the force, helping to prevent material from blowing out of the bunk. If material is still blowing out of the bunk, PTO speed may be decreased.

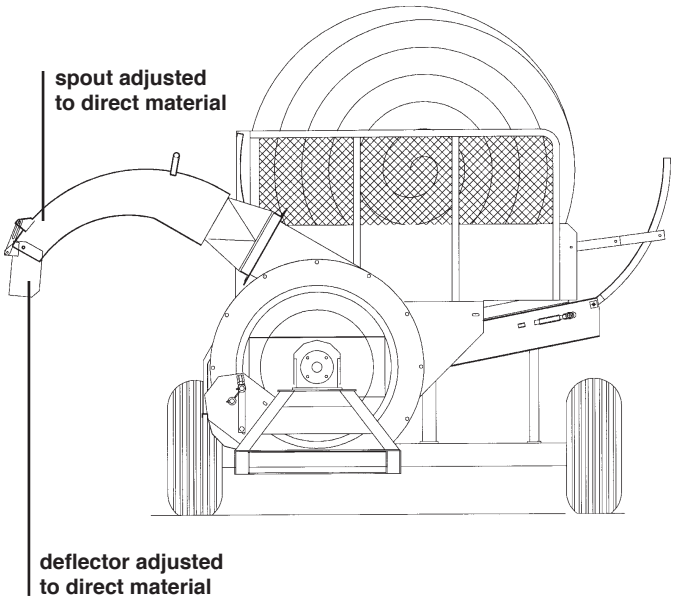
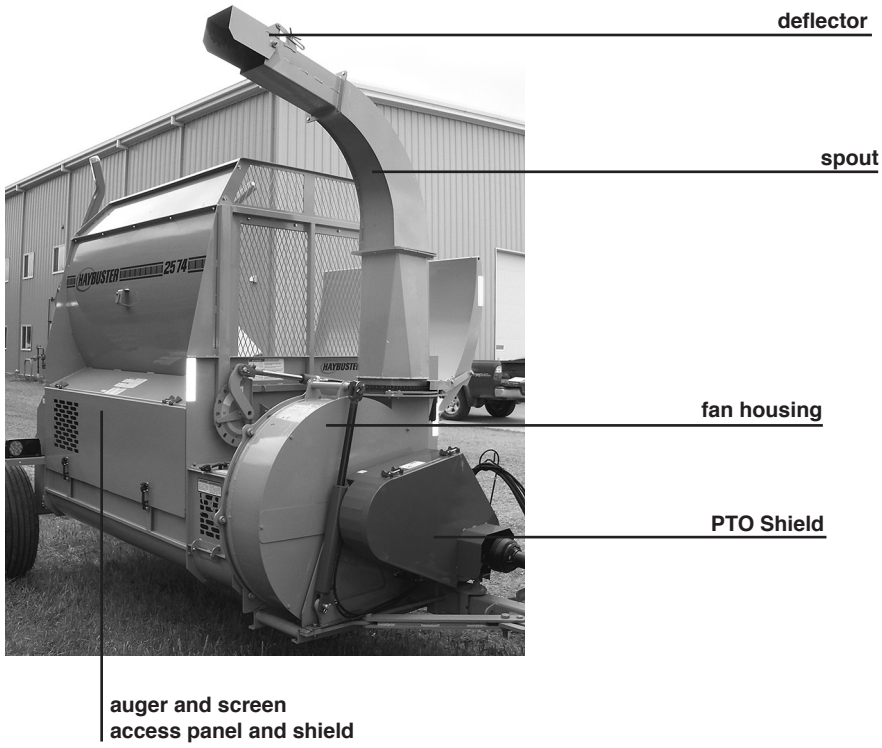
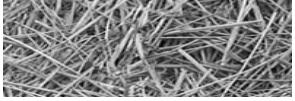


Figure 3.8
Spout, deflector and fan housing



To create windrows set the spout and deflector as follows; with the spout latched in the working position, the deflector can be raised and the fan housing rotated to place the material in a row as desired.



3.4.2 Changing length of cut

Using conveyor speed and slug bar settings to determine material size will reduce the horsepower requirements and increase flail life. If a greater size reduction is required, then add a smaller screen.

Using a screen will produce a relatively small material size, but will require more horsepower, lower production (tons/hour), and result in greater flail and screen wear.

3.4.3 Changing screens

Using a screen with a smaller hole will produce a finer cut.

Where a coarse cut is desired, use a screen with a larger hole.

To change screens, perform the following steps:

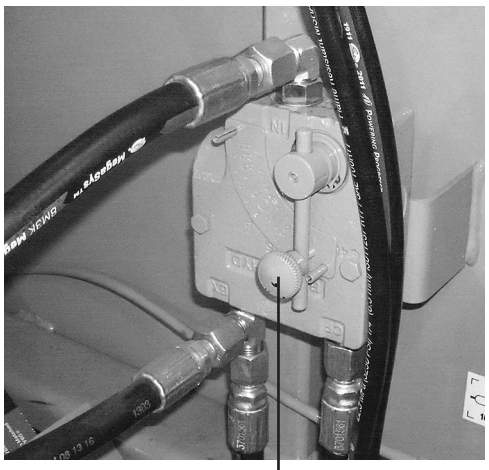
1. Open the access door on side of machine
2. Remove 8 bolts
3. Slide screen out
4. Clean screen track
5. Insert new screen
6. Replace bolts, and access door

3.4.4 Adjusting the bale 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:

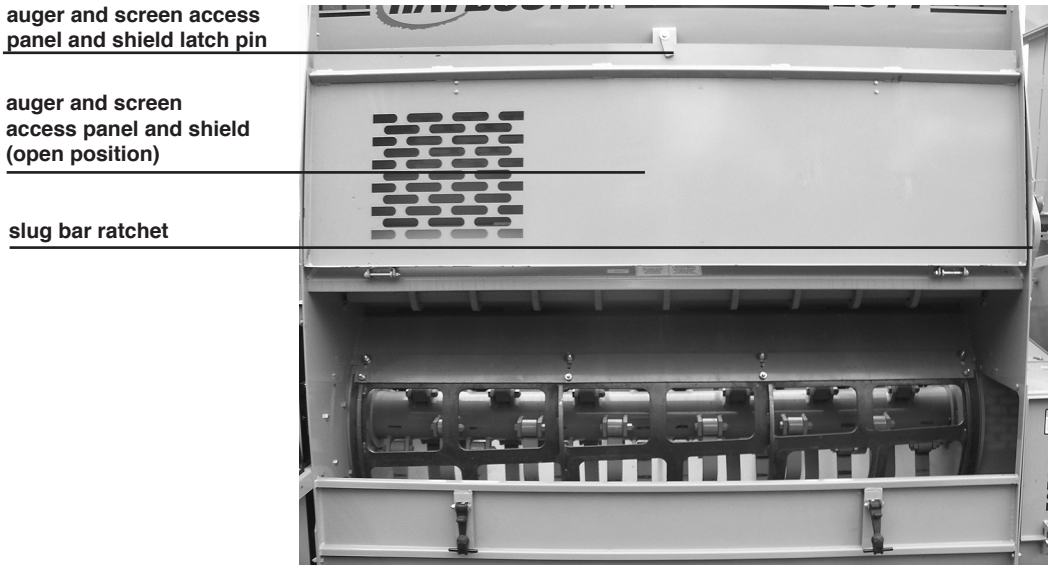
This valve should be set in the full open position. Conveyor speed can be controlled directly from the tractor controls.



bale conveyor speed control valve

3.4.5 Changing the slug bar settings

Figure 3.9
Location of the slug bar ratchet



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

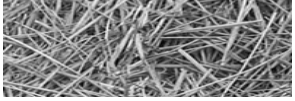
This is accomplished by adjusting the slug bar ratchet.

3.5 Road transport

3.5.1 Preparing the BALEBUSTER for transport

To prepare the machine for transport, perform the following steps:

1. Remove loader tines, and store them in the bale chamber or in the transporting vehicle. Save the bolts for later use.
2. Put loader frame in fully up position
3. Push up on links attaching rack to frame, push rack into transport position
4. Check condition of tires
5. Check condition of SMV sign, warning lights, safety chain, as required by local regulations.
6. Place loader wing in transport position.



3.5.2 Changing Back To Operate

To prepare the machine for operation, perform the following steps:

1. To prevent serious personal injury enforce and follow the safety precautions contained in this manual
2. Hook up to tractor.
3. Lower loader frame.
4. Return rack to working position

3.6 Storage

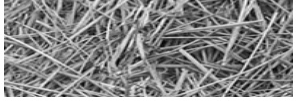
3.6.1 Preparing the machine for storage

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

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

1. Shutdown the BALEBUSTER using the normal shutdown procedure.
2. Clean all mud, dirt, grease and other foreign material from the exterior of the machine. Cut all twine off from around the rotor, auger, and fan. Wash the complete machine. If washing the BALEBUSTER with a high pressure washer, keep the nozzle away from the sealed bearings. Repaint places where bare metal is exposed - this will inhibit rusting.
3. Place the jackstands in the down and in locked position. Block the rear axle up taking the weight off the tires, but do not deflate tires. If possible, store the machine in a dry, protected place. If it is necessary to store the machine outside, cover it with waterproof canvas, plastic, or other suitable protective material.
4. Coat exposed cylinder lift rod with grease. Oil chains on conveyor. Lubricate thoroughly according to lubrication instructions. Repack wheel bearings.
6. 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.



3.6.2 Removing the machine from storage

To remove the BALEBUSTER from storage, perform the following steps:

1. Remove all protective coverings.
2. Remove blocking from under the machine
3. Lubricate machine in accordance with lubrication instructions found in this manual.
4. Follow pre-starting inspection instructions.

Section 4: General maintenance

IMPORTANT: Before performing any service or maintenance on your BALEBUSTER, review the safety guidelines for performing service and maintenance in section 1.6 "Safety review" under the heading "**WHEN PERFORMING SERVICE AND MAINTENANCE**".

4.1 Lubrication

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

WARNING: Use normal shut-down procedure (section 3.3.4) before lubricating machine.

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

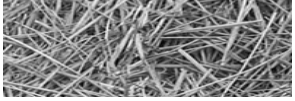
4.1.1 LUBRICATION POINTS

The following grease points will require a ten (10) hour service interval.

- Auger bearings – 2 places see figure 4.1
- Fan housing – 2 places see figure 4.2
- Fan pivot – 1 place see figure 4.2
- P.T.O. Universal joints -2 places see figure 4.3
- Telescoping shaft – 1 place
- Driveline supports – 2 places see figure 4.3
- Loader – 5 places see figure 4.4
- Conveyor – 2 places see figure 4.5
- Rotor bearings – 2 places see figure 4.6

The following grease points will require a forty (40) hour service interval.

- Hitch – 1 place see figure 4.3



To insure the best possible performance, all indicated locations should be greased as often as every five (5) hours under severe conditions. All grease points should be greased at equal intervals.

For the PTO shaft:

- As many as seven (7) pumps of grease are required to purge all cross and bearing grease points with fresh grease.
- 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.
- Shield components should be 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
Lubrication points for auger bearings

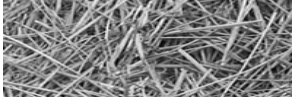
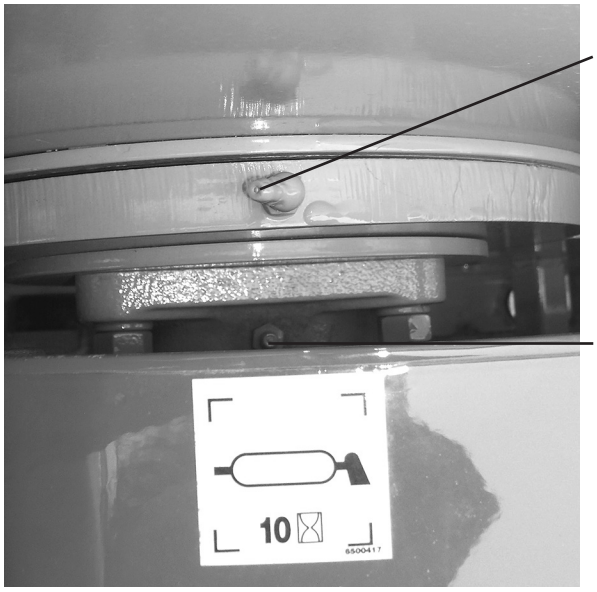
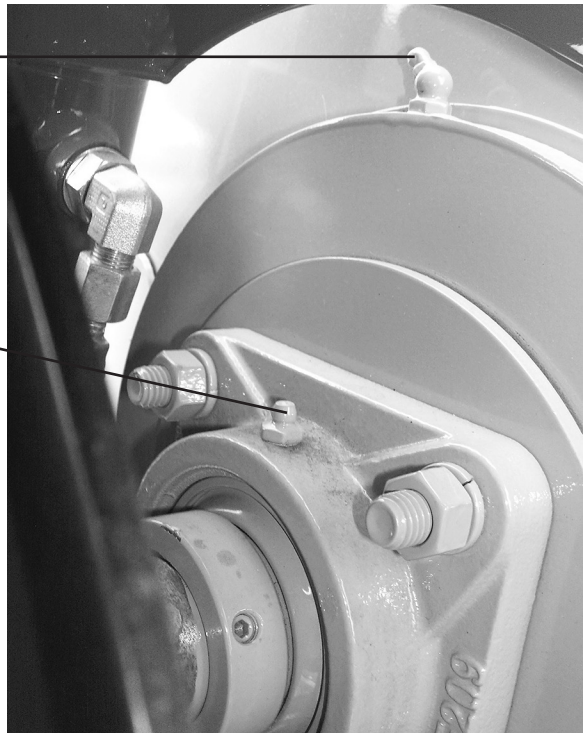


Figure 4.2
Lubrication points for fan pivot, front & rear fan housing



Fan pivot lubrication point (1)

Front fan housing lubrication point (1)



Rear fan housing lubrication point

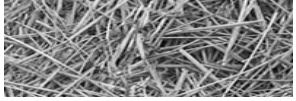
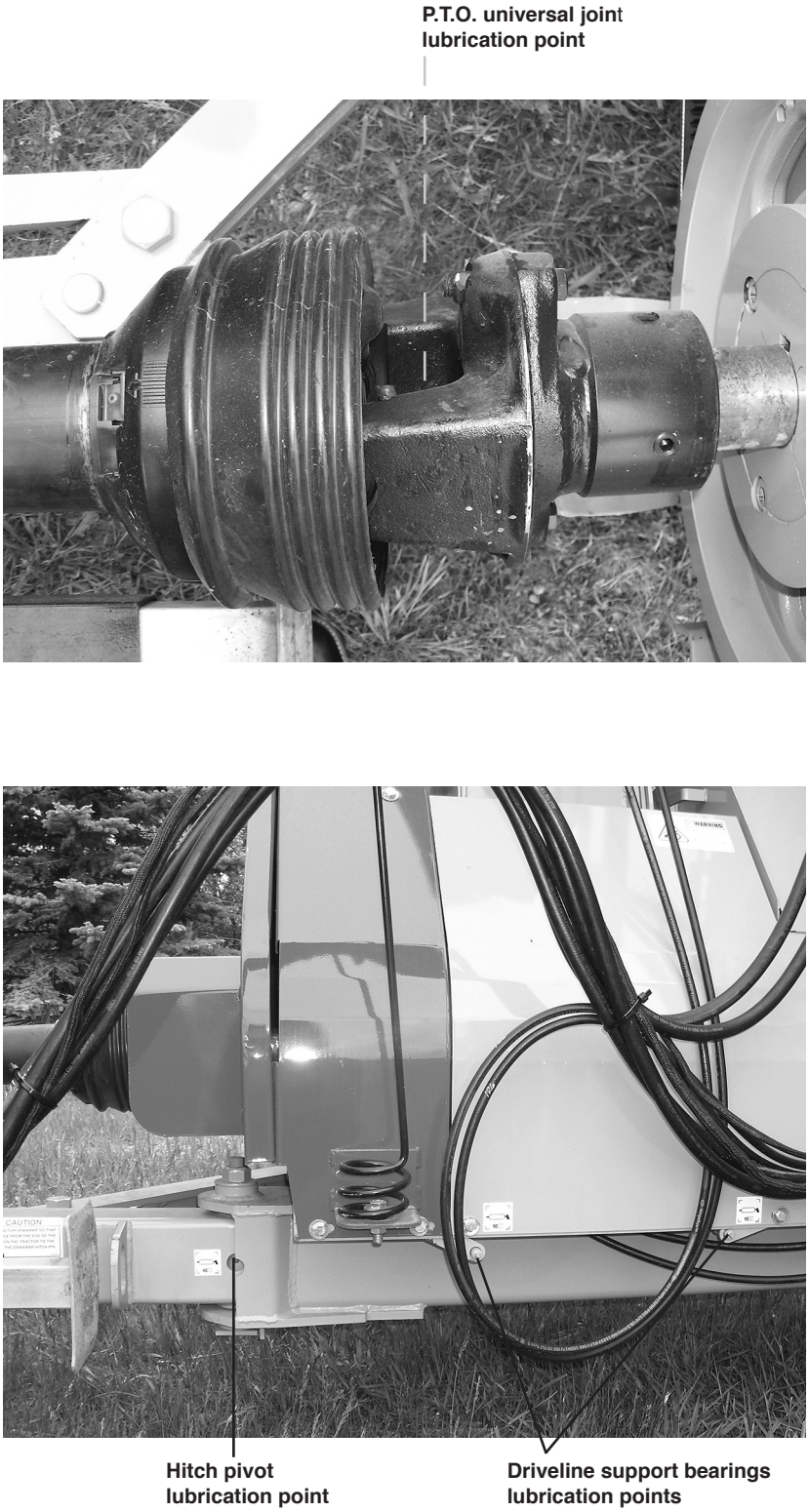


Figure 4.3
P.T.O., driveline supports, and hitch lubrication points



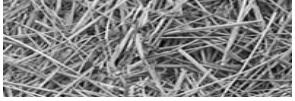
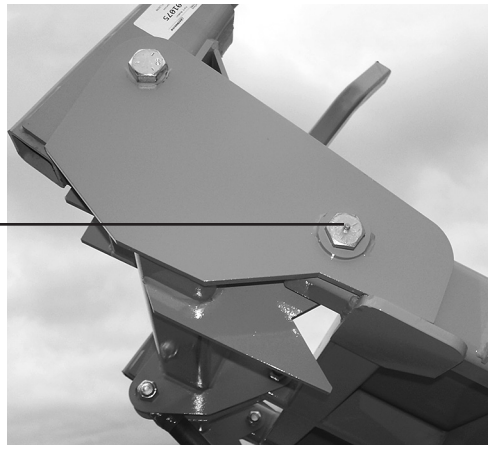


Figure 4.4
Lubrication points for loader



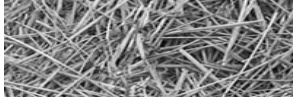


Figure 4.5
Lubrication points for conveyor

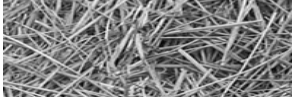
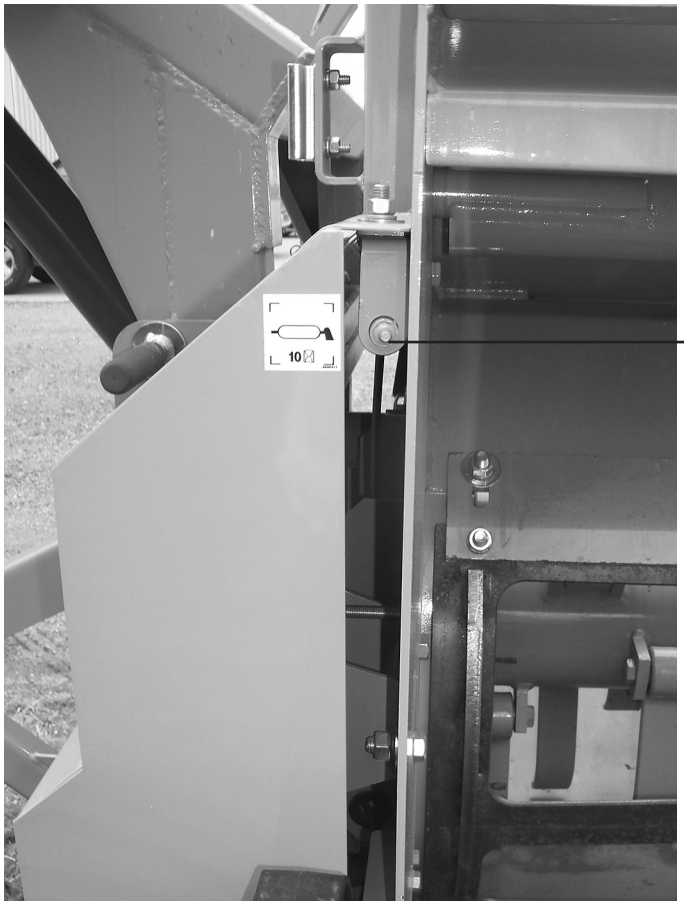
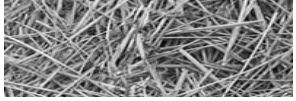


Figure 4.6
Lubrication points for rotor





4.2 Axle, wheels, tires

Repack wheel bearings annually.

4.3 Conveyor chain tension

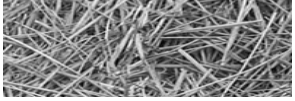
See section 3.3.7 for instructions on how to adjust.

4.4 Belt Bushing Torque Settings

Location	ft/lbs.	m/kg
PTO shaft	83	11.5
Fan/Clutch	67	9.3
Rotor/Front	67	9.3
Rotor/Rear	30	4.1
Auger	30	4.1
Fan/Shaft	36	5.0

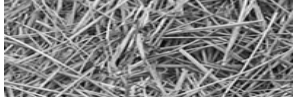
4.5 General appearance

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



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, auger, or fan. 5. Bent rotor, auger, or fan.	1. Replace Flail. 2. Replace Bearing. 3. Replace worn part or complete PTO. 4 Remove all twine from rotor, auger, and fan. 5. Replace as necessary
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. Screen removed or screen too coarse.	1. Decrease conveyor speed. 2. Raise slug bar to expose less flail. 3. Add a screen or install a finer screen
6. Forage Too Fine	1. Conveyor speed too slow. 2. Slug bar set too high. 3. Screen installed.	1. Increase conveyor speed. 2. Lower slug bar to expose more flail. 3. Install coarser screen.
7. Fan Plugs	1. Too much material going through fan	1. Slow conveyor speed down. 2. Adjust slug bars so less flail is exposed. 3. Install screen, or install finer screen.
8. Forage Blows Past Bunk When Bunk Feeding	1. Deflector spout to high.	1. Lower Deflector spout.
9. Forage Blows Out of Bunk		1. Reduce PTO speed.
10. Auger Plugs	1. Too much material going through fan.	1. Slow conveyor speed down. 2. Adjust slug bars so less flail is exposed. 3. Install screen, or install finer screen.



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.

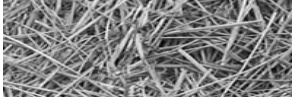
All claims for warranty must be made through the dealer which originally sold the product and all warranty adjustments must be made through same.

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: 2574 BALEBUSTER Specifications

General:

Tractor H.P. required ..... 100 HP (76.6 kw) to 155 HP (115.6 kw)
Capacity.....5-1/2' long x 6-1/2' diameter, 2000 lbs. (1.67 m x 1.98m, 907.2 kg)
Rotor Length .....78" (1.98 m)
Rotor Diameter(flail tip to flail tip) ..... 25-1/2" (64.8 cm)
Flails - Swinging / Heavy Spring Steele 40
Wheel - Taper Roller Bearings
PTO .....1000 RPM
Dual Hydraulics (single hydraulic system optional) .....1500 PSI (105.6 kgf/cm$^{2)}$
Tire Size .... See Appendix C
Cylinder.....4-1/2" x 24" (11.43 cm x 60.96 cm) Double Acting

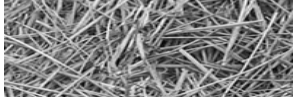
Transport Position:

Height .....129" (3.26 m)
Width .....101" (2.57 m)
Length.....198" (5.02 m)
Weight .....6325 Lbs. (2,868.97 kg)

Working Positions:

Working Position 1 Bale Height.....129" (3.26 m)
Length.....198" (5.02 m)
Width .....123" (3.12 m)

Working Position 2 Bales Height .....129" (3.26 m)
Length.....271" (6.88 m)
Width .....123" (3.12 m)



Appendix C: Options

Hydraulic fan housing rotation, allows fan housing to be rotated “on the go”, requires 1 hydraulic valve and set of outlets on tractor

Hydraulic fan discharge spout rotation, allows discharge spout to be rotated on the go, also requires 1 hydraulic valve and set of outlets on tractor.

Cannon discharge spout, allows for spreading material over greater distance.

Screens available are: 4-1/4” x 10-1/2”

6-1/2” x 10-1/2”

“No Loader” If machine is to be loaded by front end loader or the like, the loader may not be needed.

Manual fan housing rotation

Curved spout - 80 degrees

Slugbars - Hydraulic

Tires: 31 X 10.5 X 15 “C” HWY - Standard
14L X 16.1 8 PLY FLOT IMP - Option

2nd Axle with highway tires

Shredder extension kit

Containment kit

Appendix D: Required For Operation

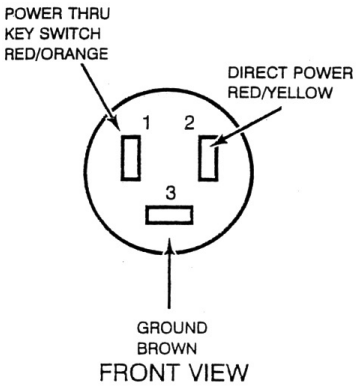
WARNING: Do not operate the BALEBUSTER unless the tractor complies with the following requirements:

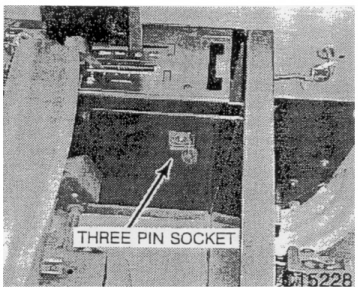
1. Horsepower - 80 HP minimum. 1000 rpm, 1-3/8” PTO shaft.
2. Rollover protective structure and seat-belts.
3. Hydraulic system - 8 gallons per minute (30 liters per minute) minimum, 1500 Psi minimum (105 bar).
4. Two double acting control valves.
5. The tractor must be of equal or greater weight than the BALEBUSTER and bale to assure adequate braking and steering control.
6. Counterbalance weight - It may be necessary to add weight to the front end of your tractor to maintain adequate tractor stability and control. At least 20% of the total weight must remain on the front axle.
7. Tractor os setup according to section 3.3.1 “tractor setup”
8. 12V D.C. Auxiliary power socket on tractor.

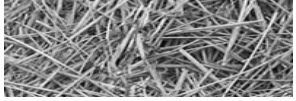
Three Pin Socket

An auxiliary power connection is provided inside the operators compartment for connecting monitors, implement controllers, C.B. radios and other 12-volt equipment.

The three pin outlet is located on the right hand side to the rear of the seat. The outlet has a ground terminal and two 12-volt power terminals. One power terminal is through the key switch and the other is direct power







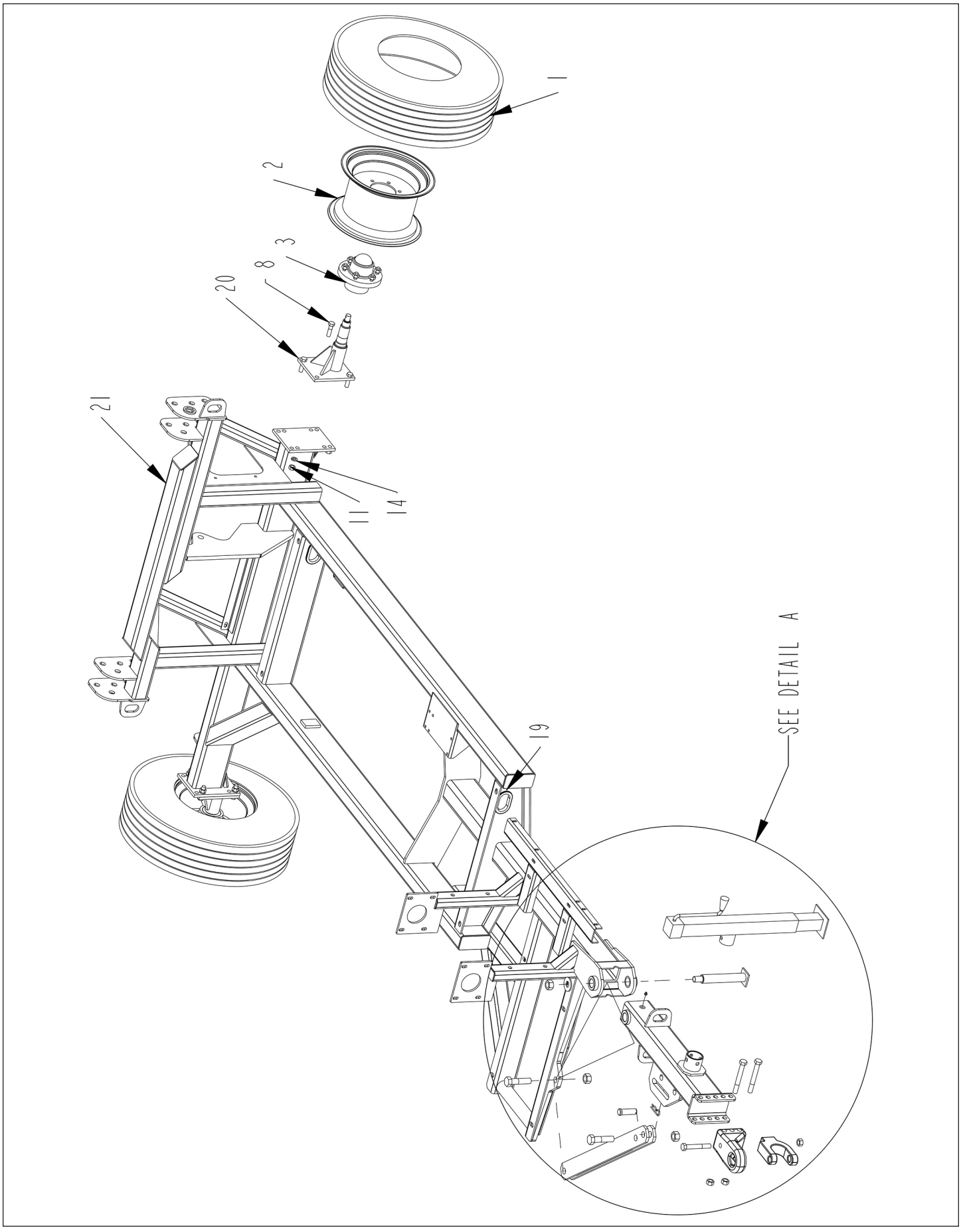
Appendix E: 2574 BALEBUSTER SHIPPING LIST

PART#	QUANTITY	DESCRIPTION
4800471	2	BOLT\HEX\1X7\NC
4900127	2	NUT\TPLCK\1\NC
8101033	1	TINE\SQ\LEFTHAND
8101075	1	TINE\SQ\RIGHTHAND
	1	CONTROL BOX CABLE ASSEMBLY

HAYBUSTER®

2574™ BALEBUSTER™

Part 2: Parts Reference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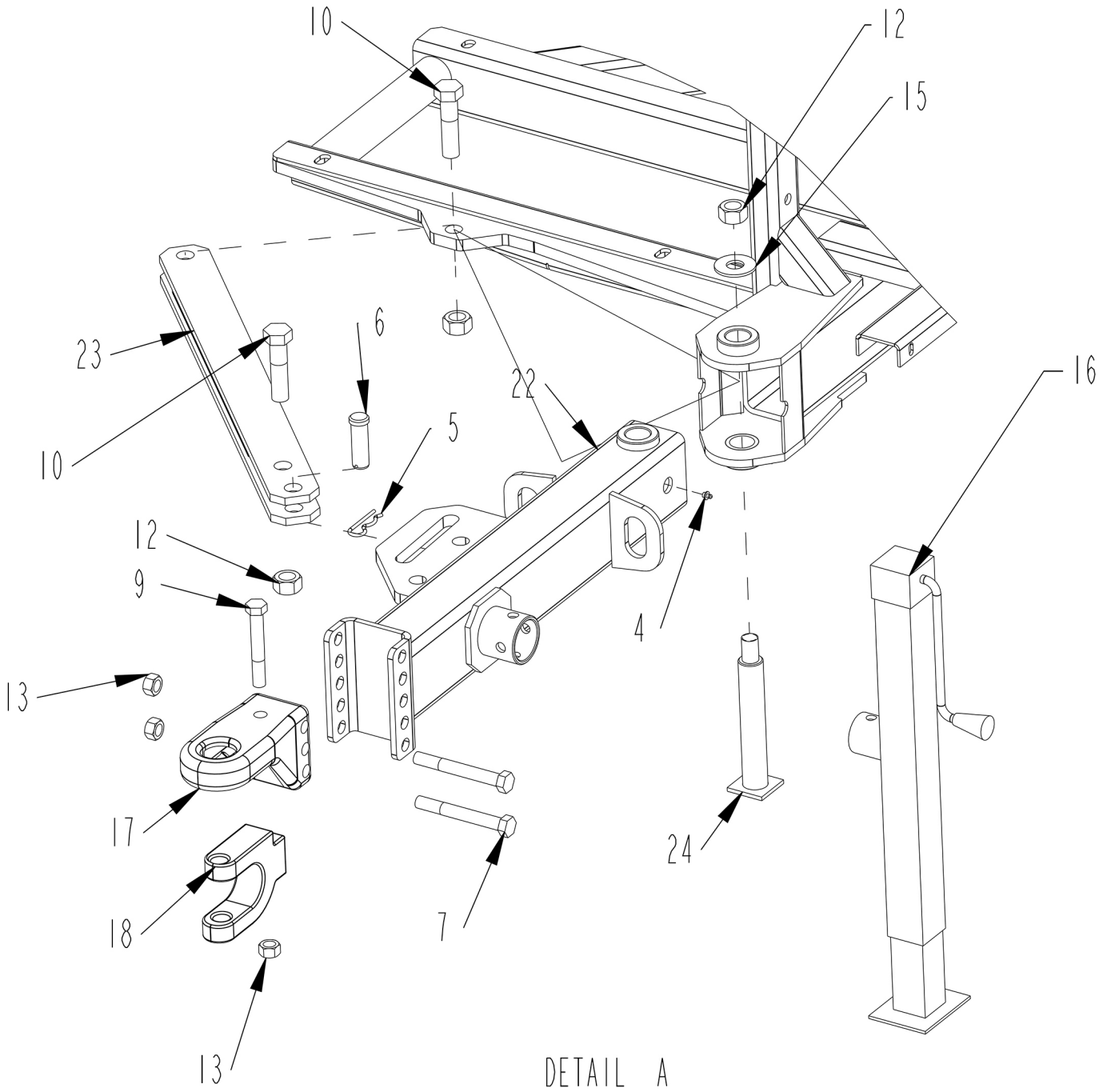
SEE DETAIL A

ITEM	PART NO.	QTY.	DESCRIPTION
1	2600041	2	9.5LX15 8 PLY TIRE
2	2600624	2	15 X 8 6 BOLT WHEEL
	2600832		WHL\HWY-2\ASSY\31X10.5X15 (Includes 1 & 2)
3	2900171	2	HUB\6-BOLT\STUDS\COMPLETE
4	3800043	1	FTG\LUB\1/8MPXZRK\SHORT
5	4800056	1	PIN\HAIR\3/16(#3)
6	4800185	1	PIN\CLEVIS\1X3
7	4800248	2	BOLT\HEX\3/4X6
8	4800350	8	BOLT\HEX\5/8X2-1/4
9	4800562	1	BOLT\HEX\3/4X5\GR8\NC
10	4800647	2	BOLT\HEX\1X4\NC
11	4900005	8	NUT\HEX\5/8\NC
12	4900127	3	NUT\TPLCK\1\NC
13	4900139	3	NUT\TPLCK\3/4\GR8\NC
14	5000003	8	WASH\LOCK\5/8
15	5000014	1	WASH\FLAT\1
16	5800633	1	JACK\7000\SDWND\SQ\15”TRVL
17	7501047	1	HITCH\BASE\#3\PPI\1”PIN
18	7501048	1	HITCH\CLEVIS\PPI\1”PIN
19	7501069	2	GRMT\RBBR\2X1.75IDX1/4T
20	8101828	2	SPNDL\BOLT-ON
21	8101953	1	MNFRM\2574
22	8101954	1	HITCH\SWING\2574
23	8101971	1	BRACE\HITCH\2574
24	8102121	1	PIN\HITCH\SWING\MNFRM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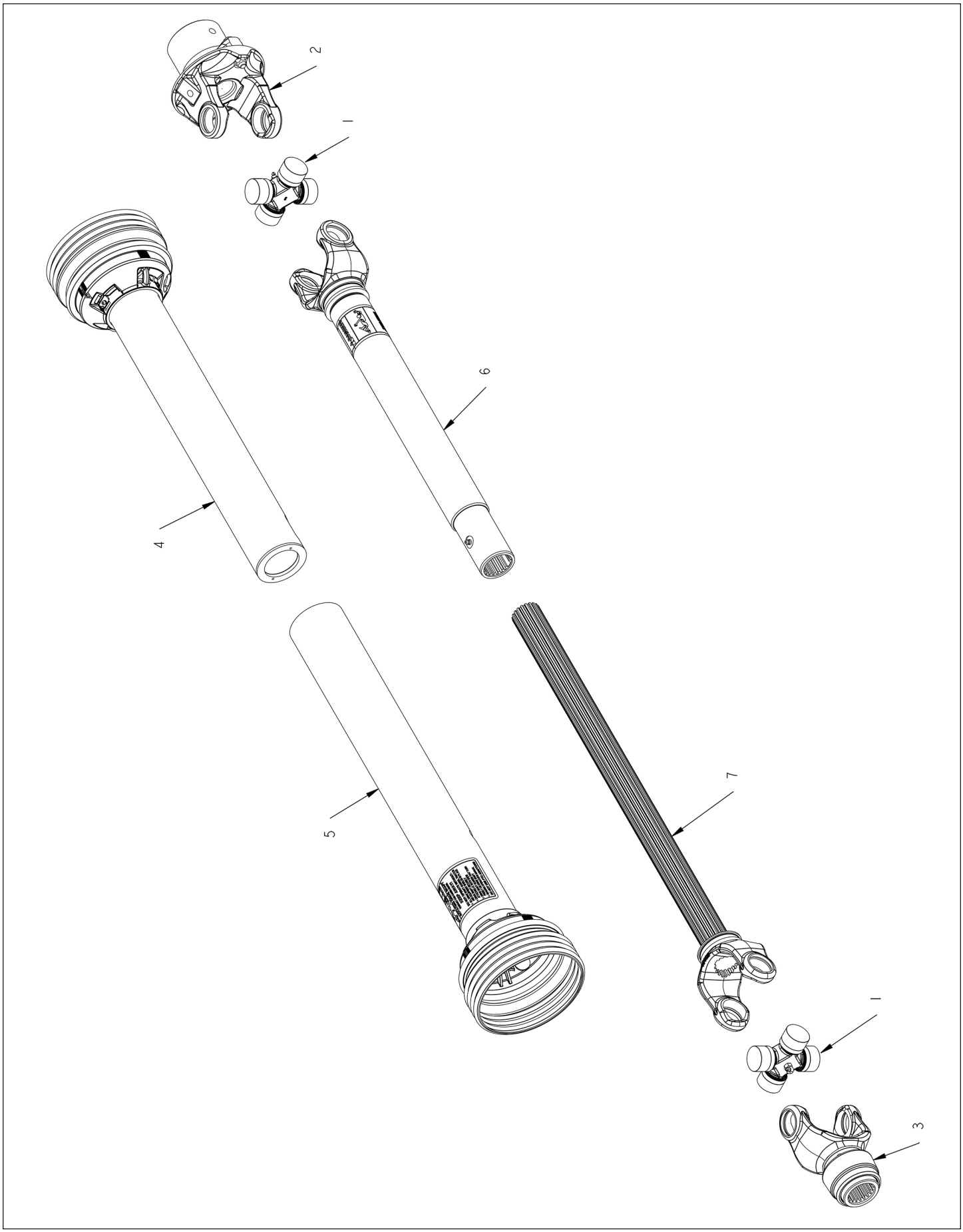
DETAIL A

MAIN FRAME ASSEMBLY - DETAIL A

ITEM	PART NO.	QTY.	DESCRIPTION
1	2600041	2	9.5LX15 8 PLY TIRE
2	2600624	2	15 X 8 6 BOLT WHEEL
	2600832		WHL\HWY-2\ASSY\31X10.5X15 (Includes 1 & 2)
3	2900171	2	HUB\6-BOLT\STUDS\COMPLETE
4	3800043	1	FTG\LUB\1/8MPXZRK\SHORT
5	4800056	1	PIN\HAIR\3/16(#3)
6	4800185	1	PIN\CLEVIS\1X3
7	4800248	2	BOLT\HEX\3/4X6
8	4800350	8	BOLT\HEX\5/8X2-1/4
9	4800562	1	BOLT\HEX\3/4X5\GR8\NC
10	4800647	2	BOLT\HEX\1X4\NC
11	4900005	8	NUT\HEX\5/8\NC
12	4900127	3	NUT\TPLCK\1\NC
13	4900139	3	NUT\TPLCK\3/4\GR8\NC
14	5000003	8	WASH\LOCK\5/8
15	5000014	1	WASH\FLAT\1
16	5800633	1	JACK\7000\SDWND\SQ\15”TRVL
17	7501047	1	HITCH\BASE\#3\PPI\1”PIN
18	7501048	1	HITCH\CLEVIS\PPI\1”PIN
19	7501069	2	GRMT\RBBR\2X1.75IDX1/4T
20	8101828	2	SPNDL\BOLT-ON
21	8101953	1	MNFRM\2574
22	8101954	1	HITCH\SWING\2574
23	8101971	1	BRACE\HITCH\2574
24	8102121	1	PIN\HITCH\SWING\MNFRM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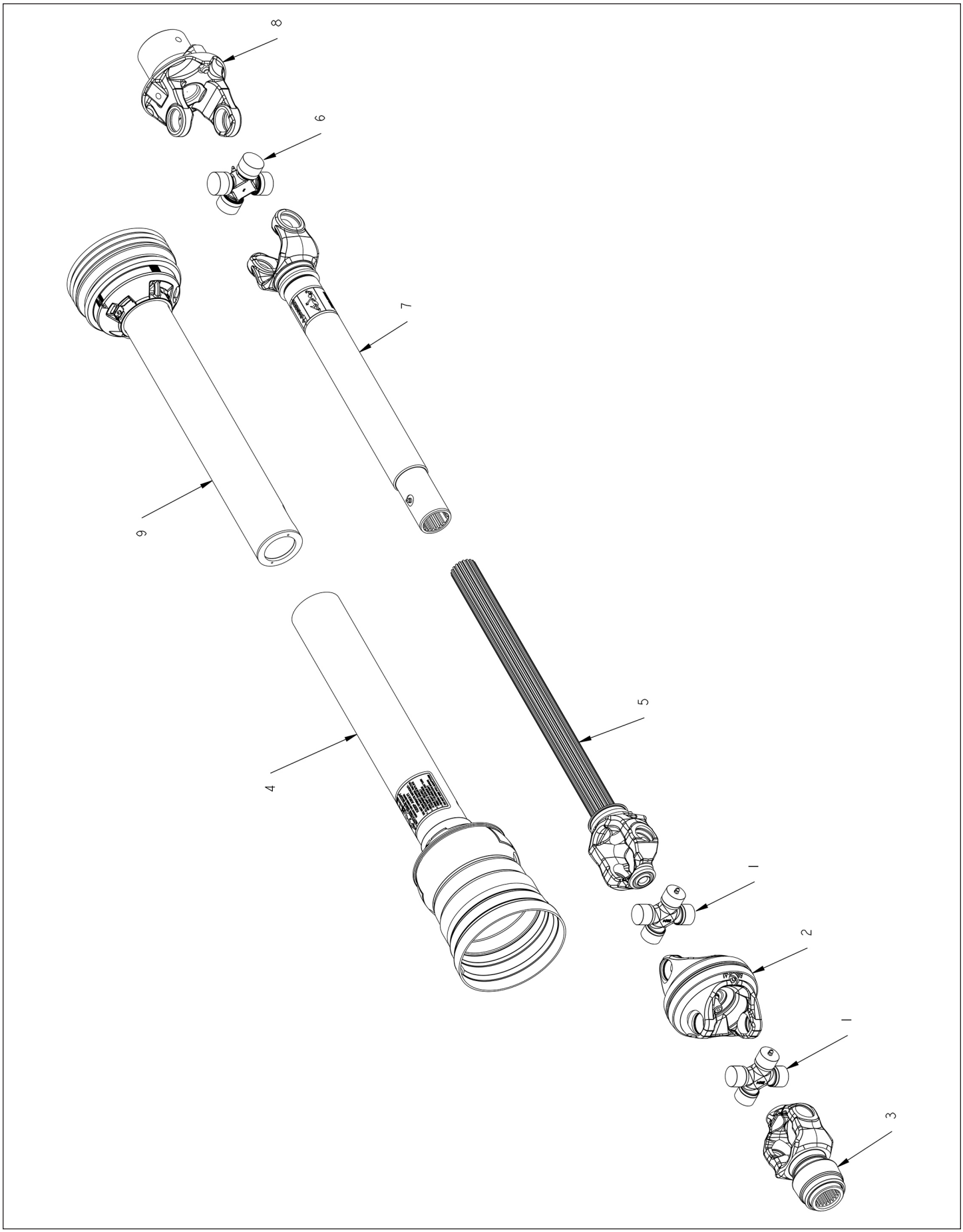
ITEM	PART NO.	QTY.	DESCRIPTION
	3600838		**1-3/4" PTO\55E\BALL-SHEAR**
	3600880		**1-3/8" PTO\55E\BALL-SHEAR**
1	3600820	2	CROSS & BEARING KIT\55E
2	3600877	1	YOKE\SHEAR\2-ID\55E
	4800982	2	3/8X2 GRADE 2 SHEAR BOLT
3	3600536		YOKE\55\QD\CLR\1-3/4\20SP
3A	3600535		YOKE\55\QD\CLR\1-3/8\21SP
4	3600900		GUARD\INNER\3600838,3600839
5	3600902		GUARD\OUTER\3600838
	3600878		1-3/4" PTO\HALF\TRACTOR (INCLUDES ITEMS 1,3,5,7)
	3600881		1-3/8" PTO\HALF\TRACTOR (INCLUDES ITEMS 1,3,5,7)
	3600876		PTO\HALF\MACHINE (INCLUDES ITEMS 1,2,4,6)
NOT SHOWN			
	4800326	1	SCR\SET\ALN\1/2X1/2\NC
	4800323	1	SCR\SET\ALN\1/2X1\NC
	6200061	1	KEY\SQ\1/2X2-1/4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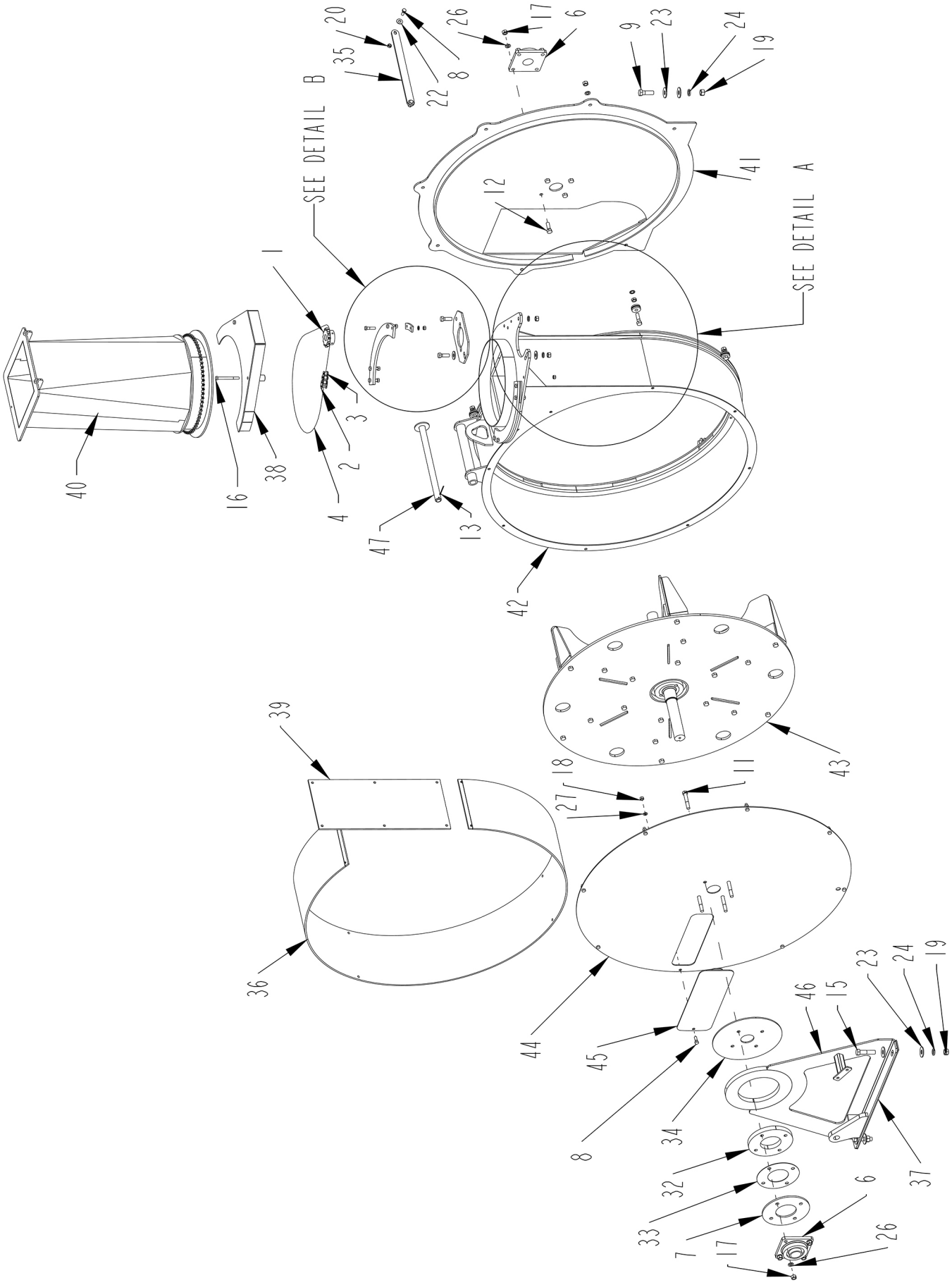
ITEM	PART NO.	QTY.	DESCRIPTION
	3600839		**1-3/4" PTO\55E\CAT6\WWCV**
	3600882		**1-3/8" PTO\55E\CAT6\WWCV**
1	3600764	2	CROSS&BRG\CAT6\80DEG\CV
2	3600765	1	CENTER-HOUSING
3	3600782		YOKE\WWCV\1-3/4\20SP\AL
3A	3600763		YOKE\CAT6\WWCV\1-3/8-21\AL
4	3600900	1	GUARD\INNER\3600838,3600839
6	3600820		CROSS & BEARING KIT\55E
8	3600877	1	YOKE\SHEAR\2-ID\55E
	4800982	2	3/8X2 GRADE 2 SHEAR BOLT
9	3600901	1	GUARD\OUTER\3600839
	3600875		1-3/4" PTO\HALF\TRACTOR (INCLUDES ITEMS 1,2,3,4,5)
	3600883		1-3/8" PTO\HALF\TRACTOR (INCLUDES ITEMS 1,2,3,4,5)
	3600876		PTO\HALF\MACHINE (INCLUDES ITEMS 6,7,8,9)
NOT SHOWN			
	4800326	1	SCR\SET\ALN\1/2X1/2\NC
	4800323	1	SCR\SET\ALN\1/2X1\NC
	6200061	1	KEY\SQ\1/2X2-1/4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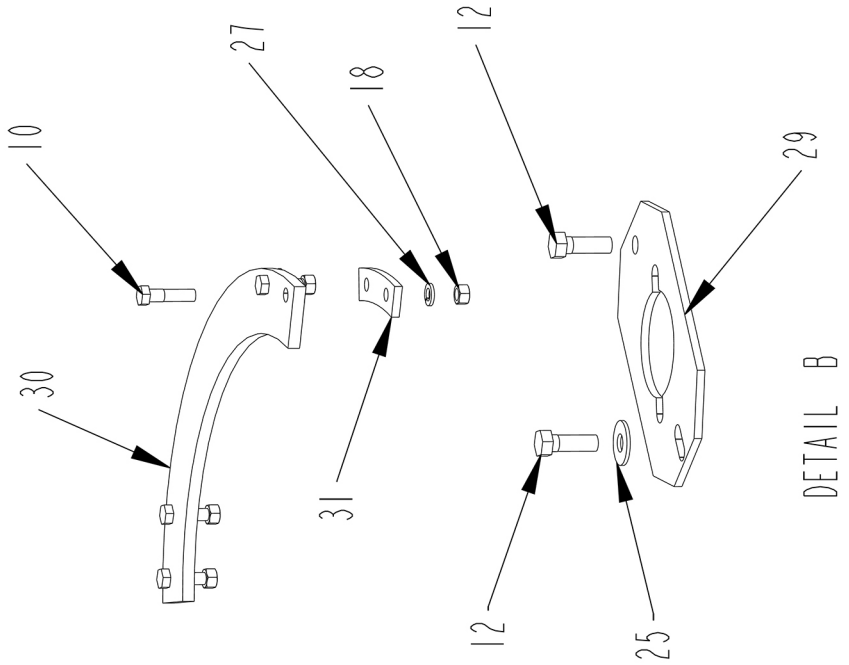
ITEM	PART NO.	QTY.	DESCRIPTION
1	1000129	1	SPKT\60\B\12\1\1/4KW
2	1100062	1	CHAIN\60\CL
3	1100063	1	CHAIN\60\OL
4	1100270	1	CHAIN\60\77
5	2000080	7	BRG\CAM\1/2” I.D.X1-1/2” O.D
6	2000311	2	BRG\FLG\CAST\1-3/4\4BOLT
7	4500529	1	PL\MNT\FAN
8	4800003	10	BOLT\HEX\3/8X1
9	4800010	2	BOLT\HEX\5/8X2
10	4800034	8	BOLT\HEX\3/8X1-1/2
11	4800068	4	BOLT\HEX\1/2X3
12	4800082	6	BOLT\HEX\1/2X1-1/2
13	4800172	1	PIN\COT\1/8X2
14	4800178	7	BOLT\HEX\1/2X1-3/4
15	4800196	2	BOLT\HEX\5/8X2-3/4
16	4800516	2	BOLT\HEX\3/8X3-3/4/NC
17	4900001	17	NUT\HEX\1/2\NC
18	4900002	18	NUT\HEX\3/8\NC
19	4900005	4	NUT\HEX\5/8\NC
20	4900023	2	NUT\TPLCK\3/8\NC
21	4900046	7	NUT\JAM\1/2\NC
22	5000001	10	WASH\FLAT\3/8
23	5000002	8	WASH\FLAT\5/8
24	5000003	4	WASH\LOCK\5/8
25	5000004	2	WASH\FLAT\1/2
26	5000006	17	WASH\LOCK\1/2
27	5000019	18	WASH\LOCK\3/8
28	5000134	7	WASH\LOCK\TOOTH\INT\1/2
29	8100542	1	MNT\MTR\ORBIT\FAN
30	8101663	2	DBLR\MNT\SWVL\FAN
31	8101664	4	MNT\SWVL\FAN
32	8101665	1	MNT\PL\FAN\3/4”
33	8101666	1	MNT\PL\FAN
34	8101695	1	MNT\PL\FAN
35	8101697	1	BRACE\FAN
36	8101720	1	SHT\LINER\FAN
37	8101735	1	SHIM\MNT\FAN\10GA
38	8101754	1	SHLD\CHN\RTT\FAN-TRANS
39	8101772	1	LNR\SPT\HSG\FAN
40	8101847	1	TRANS\FAN
41	8101975	1	HSG\FAN\REAR
42	8101995	1	HSG\FAN\W/LINER
43	8101997	1	FAN\ASSY\REPLCB\FINS-SHAFT
44	8102001	1	SH\HSG\FAN
45	8102002	1	CVR\ACT\FAN
46	8102044	1	MNT\FRONT\FAN\2574
47	8102135	1	PIN\CYL\FAN\2574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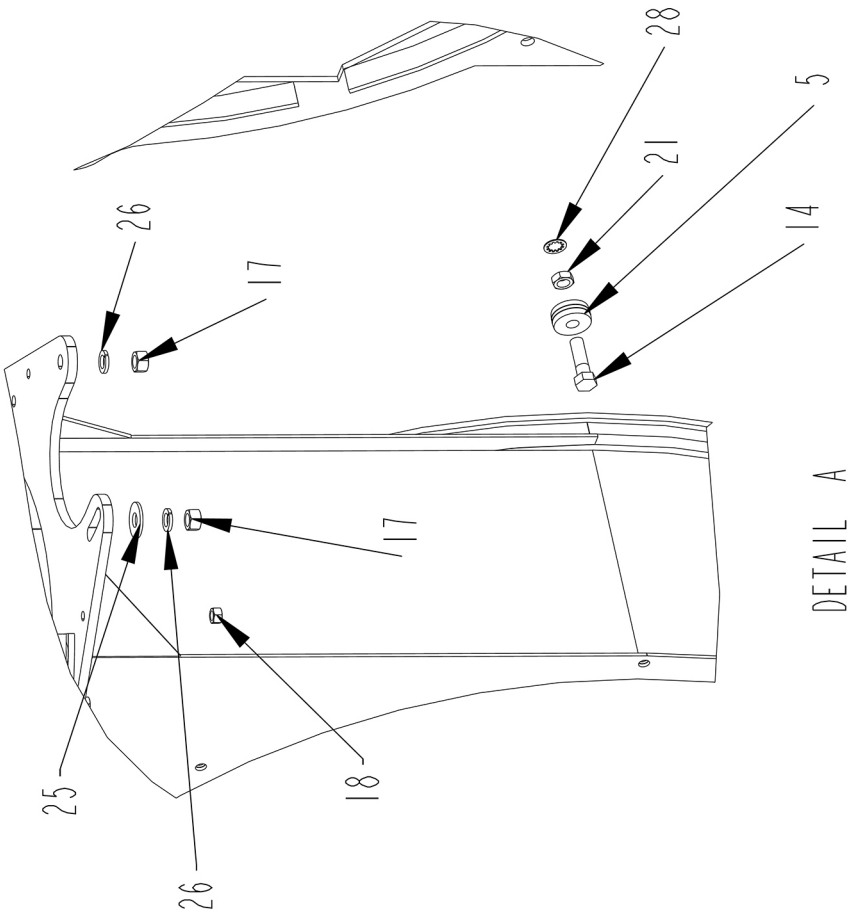
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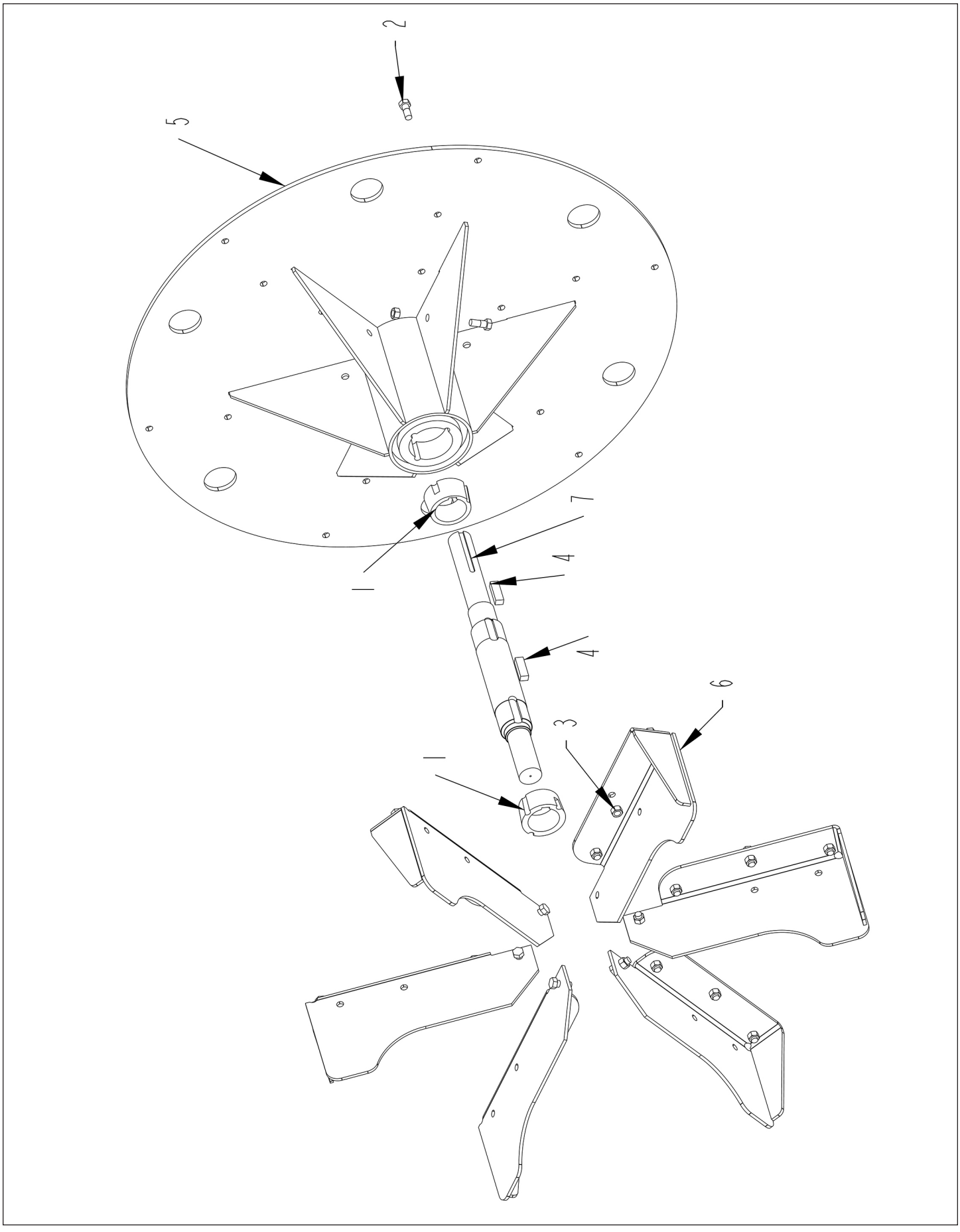
DETAIL A

ITEM	PART NO.	QTY.	DESCRIPTION
1	1000129	1	SPKT\60\B\12\1\1/4KW
2	1100062	1	CHAIN\60\CL
3	1100063	1	CHAIN\60\OL
4	1100270	1	CHAIN\60\77
5	2000080	7	BRG\CAM\1/2” I.D.X1-1/2” O.D
6	2000311	2	BRG\FLG\CAST\1-3/4\4BOLT
7	4500529	1	PL\MNT\FAN
8	4800003	10	BOLT\HEX\3/8X1
9	4800010	2	BOLT\HEX\5/8X2
10	4800034	8	BOLT\HEX\3/8X1-1/2
11	4800068	4	BOLT\HEX\1/2X3
12	4800082	6	BOLT\HEX\1/2X1-1/2
13	4800172	1	PIN\COT\1/8X2
14	4800178	7	BOLT\HEX\1/2X1-3/4
15	4800196	2	BOLT\HEX\5/8X2-3/4
16	4800516	2	BOLT\HEX\3/8X3-3/4/NC
17	4900001	17	NUT\HEX\1/2\NC
18	4900002	18	NUT\HEX\3/8\NC
19	4900005	4	NUT\HEX\5/8\NC
20	4900023	2	NUT\TPLCK\3/8\NC
21	4900046	7	NUT\JAM\1/2\NC
22	5000001	10	WASH\FLAT\3/8
23	5000002	8	WASH\FLAT\5/8
24	5000003	4	WASH\LOCK\5/8
25	5000004	2	WASH\FLAT\1/2
26	5000006	17	WASH\LOCK\1/2
27	5000019	18	WASH\LOCK\3/8
28	5000134	7	WASH\LOCK\TOOTH\INT\1/2
29	8100542	1	MNT\MTR\ORBIT\FAN
30	8101663	2	DBLR\MNT\SWVL\FAN
31	8101664	4	MNT\SWVL\FAN
32	8101665	1	MNT\PL\FAN\3/4”
33	8101666	1	MNT\PL\FAN
34	8101695	1	MNT\PL\FAN
35	8101697	1	BRACE\FAN\2564
36	8101720	1	SHT\LINER\FAN
37	8101735	1	SHIM\MNT\FAN\10GA
38	8101754	1	SHLD\CHN\RTT\FAN-TRANS
39	8101772	1	LNR\SPT\HSG\FAN
40	8101847	1	TRANS\FAN
41	8101975	1	HSG\FAN\REAR
42	8101994	1	HSG\FAN\TOP
43	8101997	1	FAN\ASSY\REPLCB\FINS-SHAFT
44	8102001	1	SH\HSG\FAN
45	8102002	1	CVR\ACT\FAN
46	8102044	1	MNT\FRONT\FAN\2574
47	8102135	1	PIN\CYL\FAN\2574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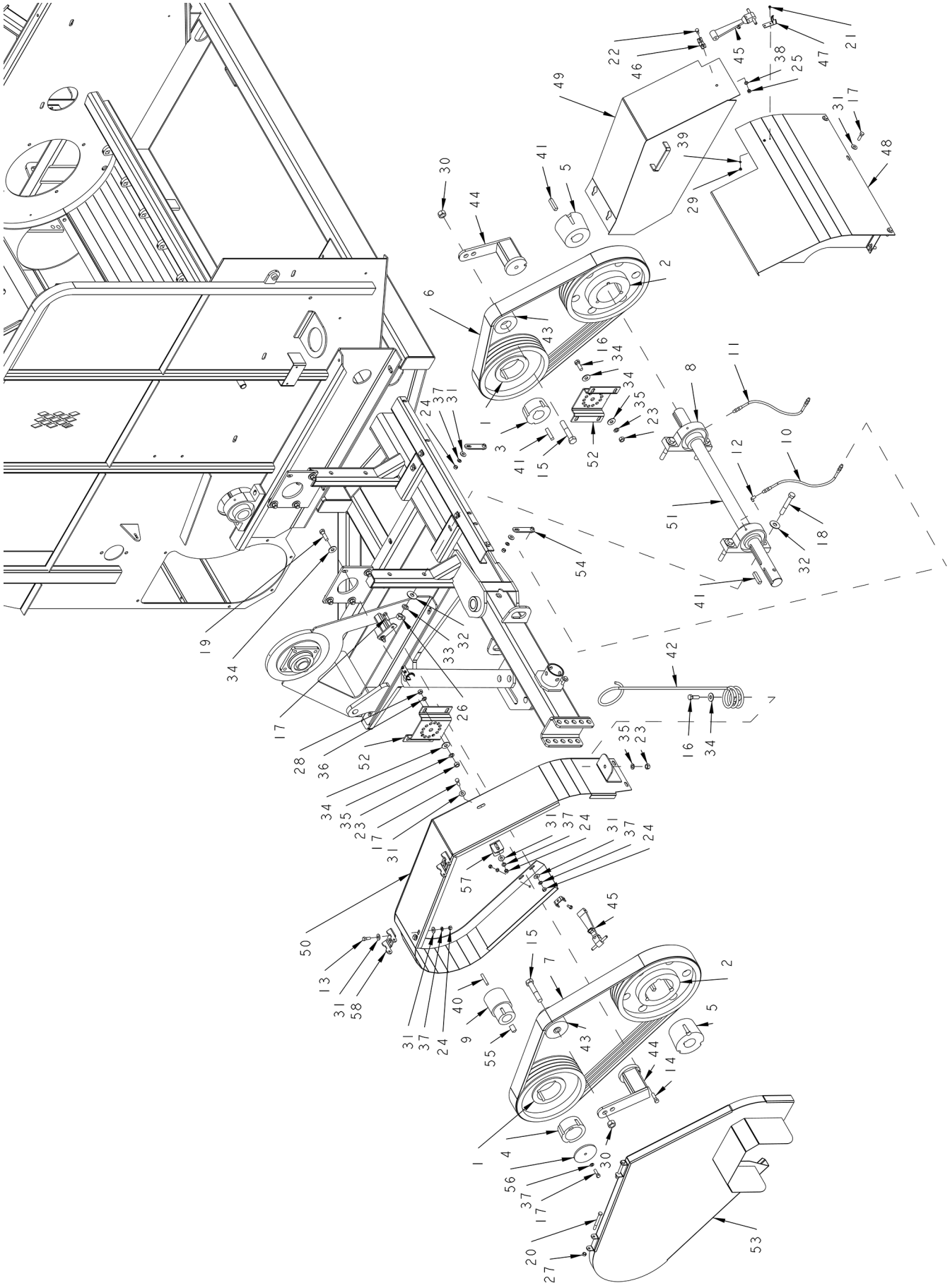
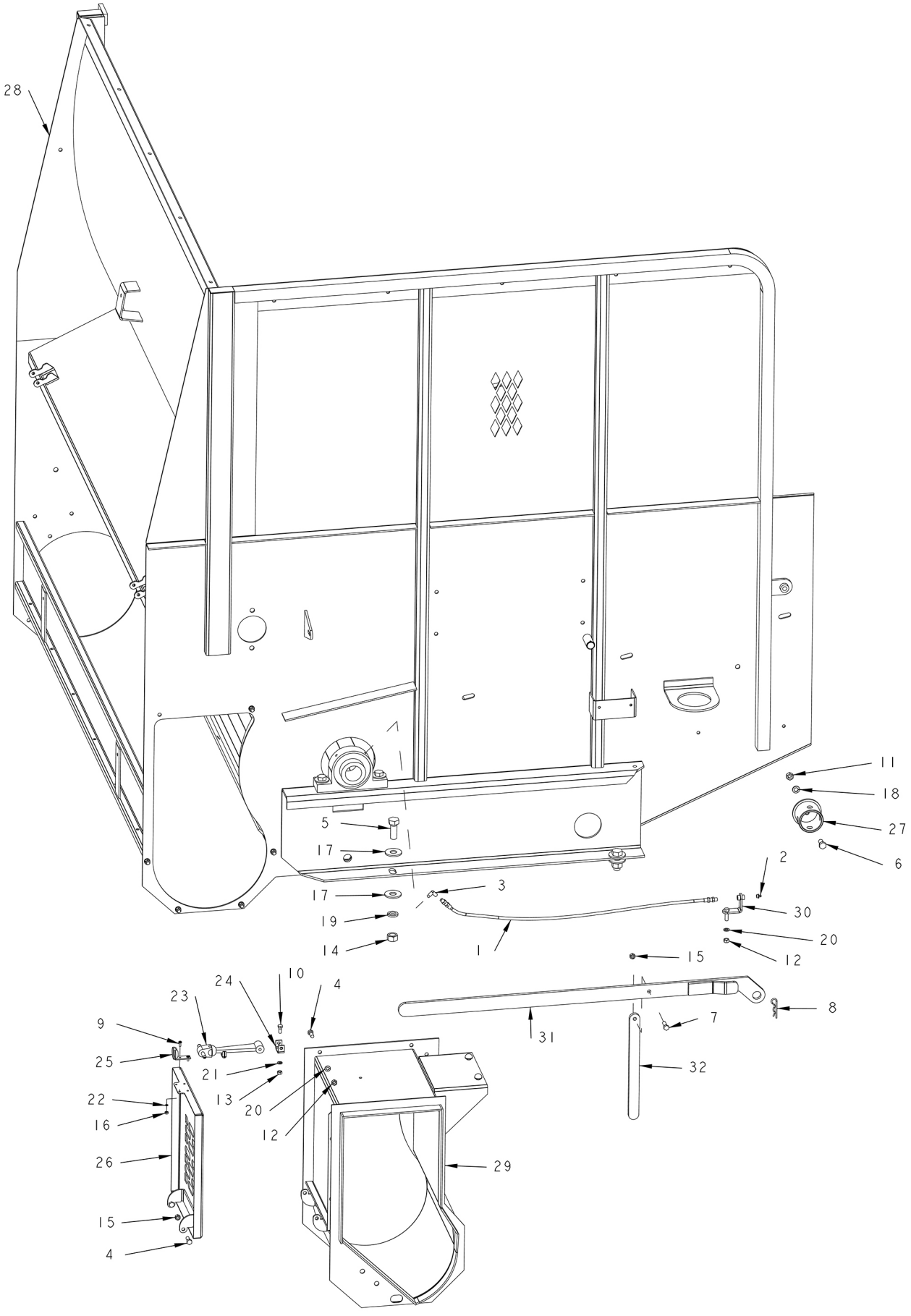
ITEM	PART NO.	QTY.	DESCRIPTION
1	1400847	2	BUSH\2517\2-7/16
2	4800628	24	BOLT\HEX\1/2X1-1/4\GR8\NC
3	4900014	24	NUT\TPLCK\1/2\NC
4	6200098	2	KEY\REC\1/2X5/8X2
5	8101836	1	RTR\FAN\BOLT-ON\FIN\SHAFT
6	8101998	6	MNT\FIN\REPLACEABLE
7	8102000	1	SHFT\RTR\FAN (THRU S.N. 0051)
7A	8102166		SHFT\RTR\FAN (S.N. 0052 & UP)
	8101997		**FAN\ASSY\REPLCB\FINS**



ITEM	PART NO.	QTY.	DESCRIPTION
1	1400840	2	SHVE\5V-4\12.5\TB
2	1400841	2	SHVE\5V-4\15.0\TB
3	1400844	1	BUSH\A2\2
4	1400845	1	BUSH\A2\3
5	1400846	2	BUSH\B3\2
6	1600111	1	V-BELT\5VX\4\90.0
7	1600112	1	V-BELT\5VX\4\100.0
8	2000510	3	BRG\PB\2\2BOLT
9	3600837	1	CLUTCH\OVERRUNNING\CW (THRU S.N. 0051)
9A	3600898		CLUTCH\OVERRUNNING\CW\5-1/4" L (S.N. 0052 & UP)
10	3700830	1	HOSE\LUB\1/8X16\MPS-MPS
11	3700830	1	HOSE\LUB\1/8X16\MPS-MPS
12	3800111	1	FTG\1/8MPX1/8FP\90\ST;EL
13	4800003	4	BOLT\HEX\3/8X1
14	4800040	2	BOLT\HEX\7/16X1-1/2
15	4800063	2	BOLT\HEX\3/4X4
16	4800082	8	BOLT\HEX\1/2X1-1/2
17	4800098	13	BOLT\HEX\3/8X1-1/4\NC
18	4800100	4	BOLT\HEX\5/8X4
19	4800178	1	BOLT\HEX\1/2X1-3/4
20	4800197	2	BOLT\HEX\3/8X3-1/2
21	4800468	4	SCR\RD\SLOT\#10-24X1/2\NC
22	4800643	2	BOLT\HEX\5/16X3/4
23	4900001	9	NUT\HEX\1/2\NC
24	4900002	16	NUT\HEX\3/8\NC
25	4900003	2	NUT\HEX\5/16\NC
26	4900005	4	NUT\HEX\5/8\NC
27	4900023	2	NUT\TPLCK\3/8\NC
28	4900025	2	NUT\HEX\7/16\NC
29	4900072	4	NUT\HEX\#10\NC
30	4900139	2	NUT\TPLCK\3/4\GR8\NC
31	5000001	30	WASH\FLAT\3/8
32	5000002	8	WASH\FLAT\5/8
33	5000003	4	WASH\LOCK\5/8
34	5000004	17	WASH\FLAT\1/2
35	5000006	9	WASH\LOCK\1/2
36	5000015	2	WASH\LOCK\7/16
37	5000019	17	WASH\LOCK\3/8
38	5000022	2	WASH\LOCK\5/16
39	5000071	4	WASH\LOCK;EXT\STAR\#10
40	6200021	1	KEY\SQ\3/8X1-1/2\HARDEND (THRU S.N. 0051)
40A	6200020		KEY\SQ\3/8X2-1/4\HARDEND (S.N. 0052 & UP)
41	6200061	4	KEY\SQ\1/2X2-1/4
42	7500170	1	HOSE MINDER
43	7501616	2	IDLER\BELT\STEEL\3.5"WIDE
44	7501617	2	TNSR\BELT\SE38
45	7501660	2	LATCH\RBBR\8\W-STD-CATCH
46	7501660	2	LATCH\RBBR\8\W-STD-CATCH
47	7501660	2	LATCH\RBBR\8\W-STD-CATCH
48	8101984	1	SHLD\DRV\MDDL\FRNT\2574
49	8101985	1	SHLD\DRV\RTR\
50	8101986	1	SHLD\DRV\FAN
51	8101996	1	SHFT\DRV\BLT
52	8102116	2	MNT\TNSR\BELT
53	8102122	1	SHLD\DRV\FAN\2574
54	8102125	2	MNT\LINE\GREASE\
55	8102136	1	KEY\STEP\CLUTCH\FAN\2574
56	8102137	1	DISK\RETAINER\FAN\2574
57	8102139	1	MNT\SHLD\DRV\FAN
58	8102157	2	HINGE\SHLD\2574
	NOT SHOWN		
	8102154		WRENCH\OPEN END\2-1/8 **(AUGER DRIVE)**
	8102155		WRENCH\OPEN END\2-3/4 **(FAN)**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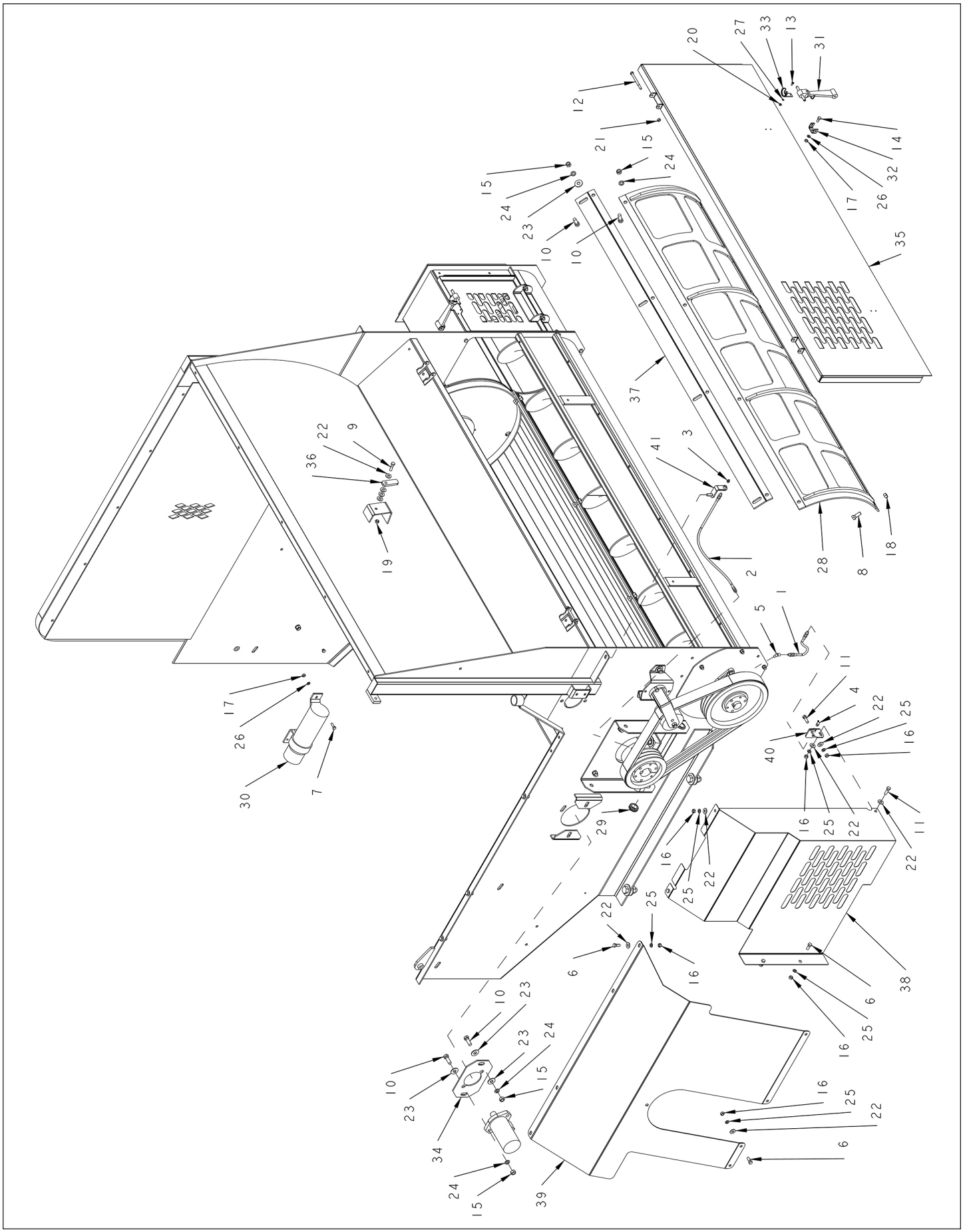
ITEM	PART NO.	QTY.	DESCRIPTION
1	3701578	1	HOSE\LUB\1/8X33\MPS-MPS
2	3800043	1	FTG\LUB\1/8MPXZRK\SHORT
3	3800111	1	FTG\1/8MPX1/8FP\90\ST;EL
4	4800003	8	BOLT\HEX\3/8X1
5	4800033	4	BOLT\HEX\3/4X2
6	4800085	1	BOLT\HEX\1/2X1
7	4800098	1	BOLT\HEX\3/8X1-1/4\NC
8	4800107	1	PIN\HAIR\1/8(#9)
9	4800468	2	SCR\RD\SLOT\#10-24X1/2\NC
10	4800643	1	BOLT\HEX\5/16X3/4
11	4900001	1	NUT\HEX\1/2\NC
12	4900002	7	NUT\HEX\3/8\NC
13	4900003	1	NUT\HEX\5/16\NC
14	4900004	4	NUT\HEX\3/4\NC
15	4900023	3	NUT\TPLCK\3/8\NC
16	4900072	2	NUT\HEX\#10\NC
17	5000005	8	WASH\FLAT\3/4
18	5000006	1	WASH\LOCK\1/2
19	5000012	4	WASH\LOCK\3/4
20	5000019	7	WASH\LOCK\3/8
21	5000022	1	WASH\LOCK\5/16
22	5000071	2	WASH\LOCK;EXT\STAR\#10
23	7501660	1	LATCH\RBBR\8\W-STD-CATCH
24	7501660	1	LATCH\RBBR\8\W-STD-CATCH
25	7501660	1	LATCH\RBBR\8\W-STD-CATCH
26	8101282	1	DOOR\AUGER EX
27	8101748	1	BRKT\STRG\JACK
28	8101973	1	FRM\SHREDDER\2574
29	8101974	1	AUGER\EXT
30	8102124	1	MNT\LINE\GREASE
31	8102133	1	HANDLE\RACK\2574
32	8102134	1	LEG\TOOL\RACK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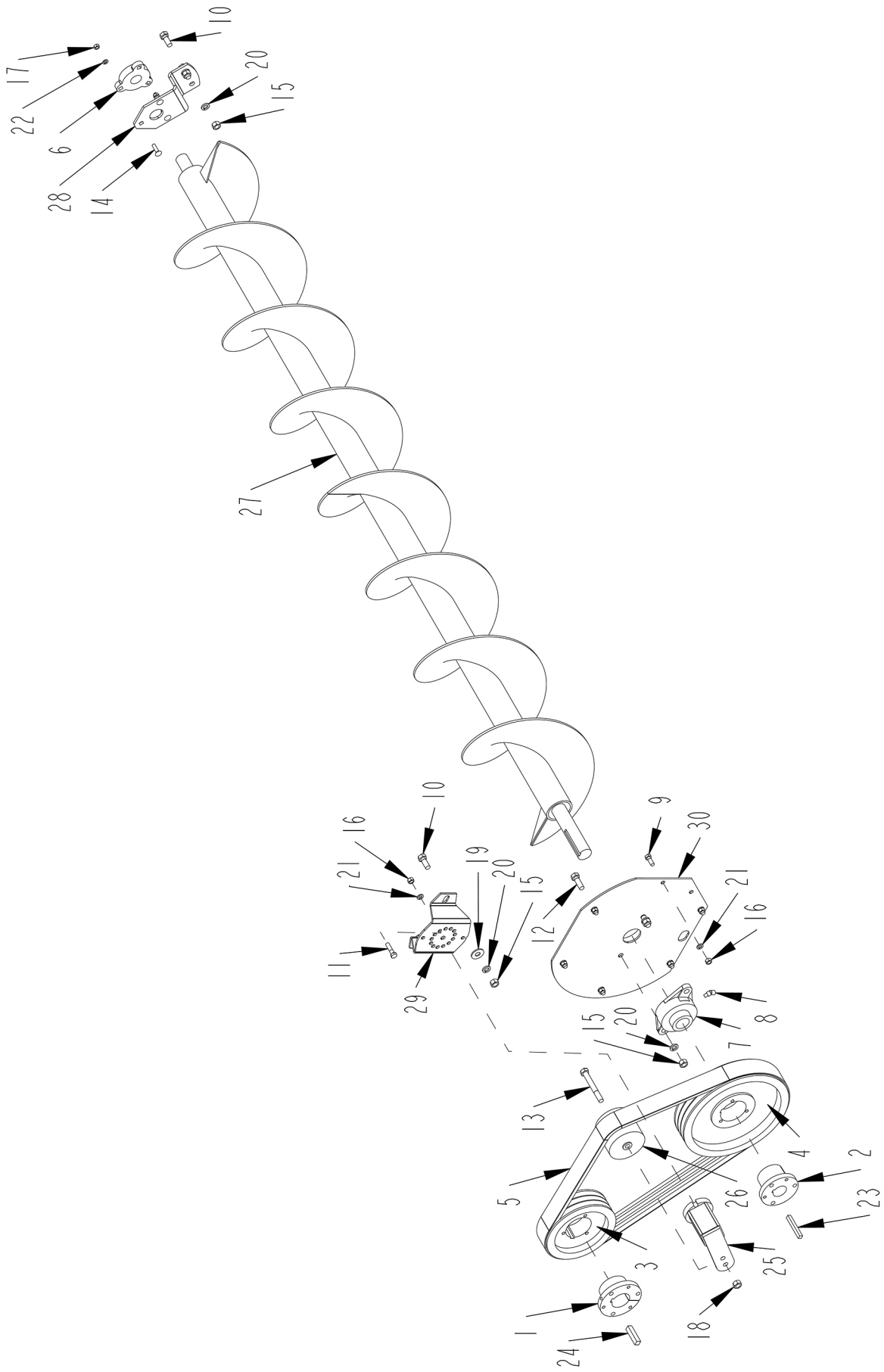
ITEM	PART NO.	QTY.	DESCRIPTION
1	3700770	1	HOSE\LUB\1/8X8-1/2\MPS-MPS
2	3701487	1	HOSE\LUB\1/8X27.25\MPS-MPS
3	3800043	1	FTG\LUB\1/8MPXZRK\SHORT
4	3800135	1	FTG\LUB\1/8MPXZRK\45D\LW
5	3800244	1	FTG\1/8MPX1/8FP\45
6	4800003	11	BOLT\HEX\3/8X1
7	4800013	2	BOLT\HEX\5/16X1
8	4800018	4	BOLT\HEX\1/2X1-1/4
9	4800034	1	BOLT\HEX\3/8X1-1/2
10	4800082	12	BOLT\HEX\1/2X1-1/2
11	4800098	2	BOLT\HEX\3/8X1-1/4\NC
12	4800198	2	BOLT\HEX\5/16X3-3/4
13	4800468	4	SCR\RD\SLOT\#10-24X1/2\NC
14	4800643	2	BOLT\HEX\5/16X3/4
15	4900001	12	NUT\HEX\1/2\NC
16	4900002	14	NUT\HEX\3/8\NC
17	4900003	2	NUT\HEX\5/16\NC
18	4900014	4	NUT\TPLCK\1/2\NC
19	4900023	1	NUT\TPLCK\3/8\NC
20	4900072	4	NUT\HEX\#10\NC
21	4900099	2	NUT\TPLCK\5/16\GR8\NC
22	5000001	16	WASH\FLAT\3/8
23	5000004	10	WASH\FLAT\1/2
24	5000006	12	WASH\LOCK\1/2
25	5000019	14	WASH\LOCK\3/8
26	5000022	2	WASH\LOCK\5/16
27	5000071	4	WASH\LOCK;EXT\STAR\#10
28			**SEE SCREEN LIST BELOW**
29	7500743	2	GRMT\RBBR\1-3/8X1IDX1/4T
30	7501628	1	CNSTRS\MANUAL\12X3.5
31	7501660	2	LATCH\RBBR\8\W-STD-CATCH
32	7501660	2	LATCH\RBBR\8\W-STD-CATCH
33	7501660	1	LATCH\RBBR\8\W-STD-CATCH
34	8100036	1	MNT\MTR\HYD
35	8101281	1	DOOR\SHREADER
36	8101678	1	LATCH\DOOR
37	8101702	1	MNT\SCRN\BTTM\SHREDDER
38	8102008	1	SHLD\AUGER\2574
39	8102027	1	SHLD\REAR\SHRDR\FLL
40	8102123	1	MNT\LINE\GREASE
41	8102124	1	MNT\LINE\GREASE

SCREENS

5400128	SCRN\4-1/4X10-1/2
5400129	SCRN\6-1/2X10-1/2
5400135	SCRN\2HL\1/4 ROUND
5400136	SCRN\3HL\1/4 ROUND
5400137	SCRN\4HL\1/4 ROUND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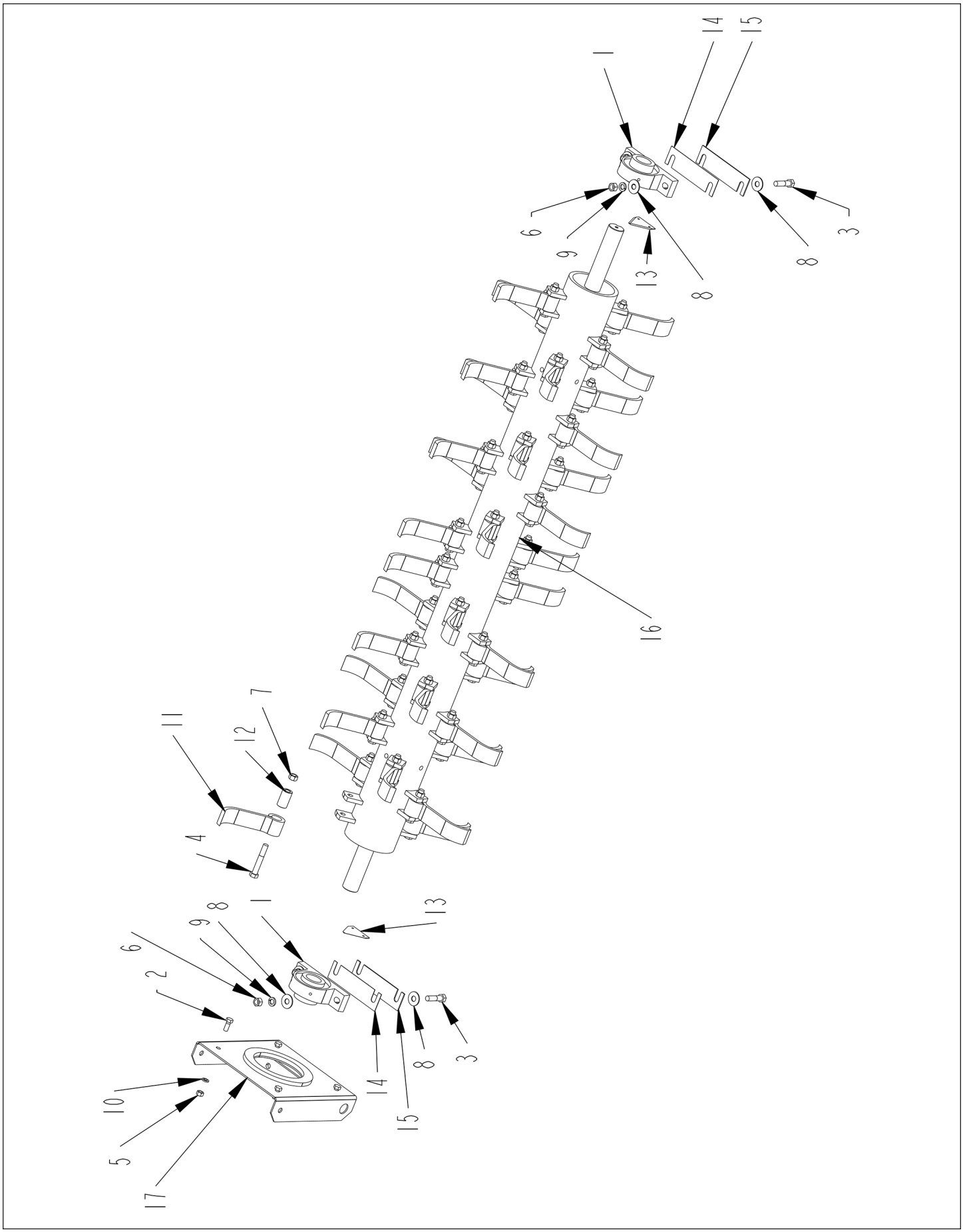
ITEM	PART NO.	QTY.	DESCRIPTION
1	1400578	1	BUSH\QD\SF\2
2	1400582	1	BUSH\Q1\1-1/2
3	1400842	1	SHVE\5V-3\7.4\SF
4	1400850	1	SHVE\5V-3\11.8\SF
5	1600117	1	V-BELT\5VX\3\75.0
6	2000302	1	BRG\FLG\CAST\1-1/4\3BOLT
7	2000308	1	BRG\FLG\CAST\1-1/2\2BOLT
8	3800244	1	FTG\1/8MPX1/8FP\45
9	4800003	6	BOLT\HEX\3/8X1
10	4800018	4	BOLT\HEX\1/2X1-1/4
11	4800034	1	BOLT\HEX\3/8X1-1/2
12	4800082	2	BOLT\HEX\1/2X1-1/2
13	4800188	1	BOLT\HEX\1/2X4
14	4800474	3	BOLT\CRG\5/16X1-1/4\NC
15	4900001	6	NUT\HEX\1/2\NC
16	4900002	7	NUT\HEX\3/8\NC
17	4900003	3	NUT\HEX\5/16\NC
18	4900014	1	NUT\TPLCK\1/2\NC
19	5000004	2	WASH\FLAT\1/2
20	5000006	6	WASH\LOCK\1/2
21	5000019	7	WASH\LOCK\3/8
22	5000022	3	WASH\LOCK\5/16
23	6200026	1	KEY\SQ\3/8X3
24	6200061	1	KEY\SQ\1/2X2-1/4
25	7501601	1	TNSR\BELT\SE27
26	7501602	1	IDLER\BELT\STEEL\3.5”WIDE
27	8101979	1	AUGER
28	8101991	1	MNT\BRG\AUGER\2574
29	8102063	1	MNT\TNSR\BELT
30	8102132	1	HSG\END\AUGER-PAN\2564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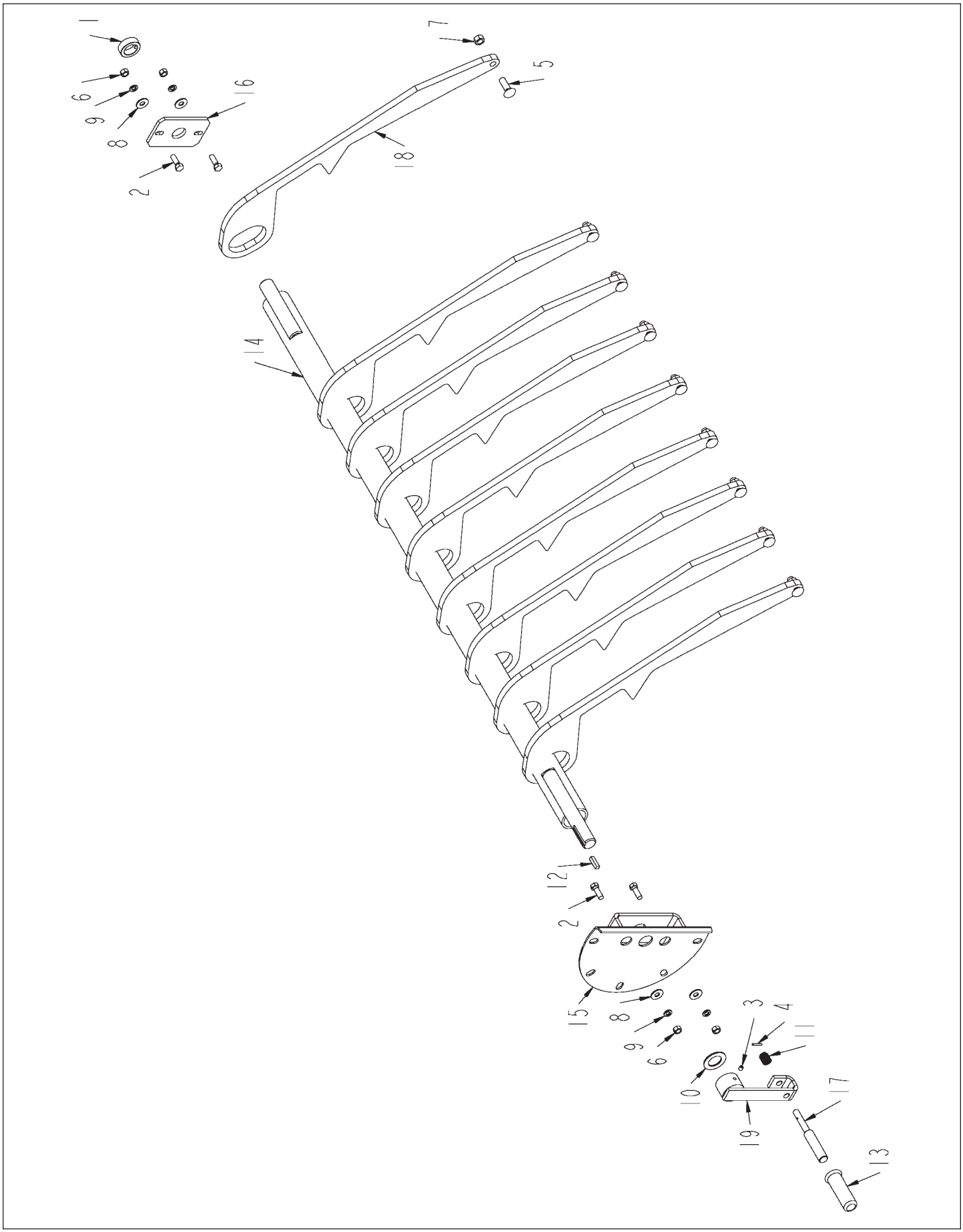
ITEM	PART NO.	QTY.	DESCRIPTION
1	2000510	2	BRG\PB\2\2BOLT
2	4800018	4	BOLT\HEX\1/2X1-1/4
3	4800079	4	BOLT\HEX\5/8X2-1/2
4	4800598	40	BOLT\HEX\5/8X4\NF\GR8
5	4900001	4	NUT\HEX\1/2\NC
6	4900005	4	NUT\HEX\5/8\NC
7	4900179	40	NUT\TPLCK\5/8\GR9\NF
8	5000002	8	WASH\FLAT\5/8
9	5000003	4	WASH\LOCK\5/8
10	5000006	4	WASH\LOCK\1/2
11	5200012	40	FLAIL\BB\8
12	7500223	40	BUSH\FLAIL\1-1/4X.687x2-1/8L
13	7501050	2	PLATE\SICKLE
14	8101462	2	SHM\16GA\BRG\RTR
15	8101631	2	SHM\10GA\BRG\RTR
16	8101989	1	RTR\FLAIL\2”SHFT\HVY
17	8102138	1	BRKT\BRG\2”\REAR\RTR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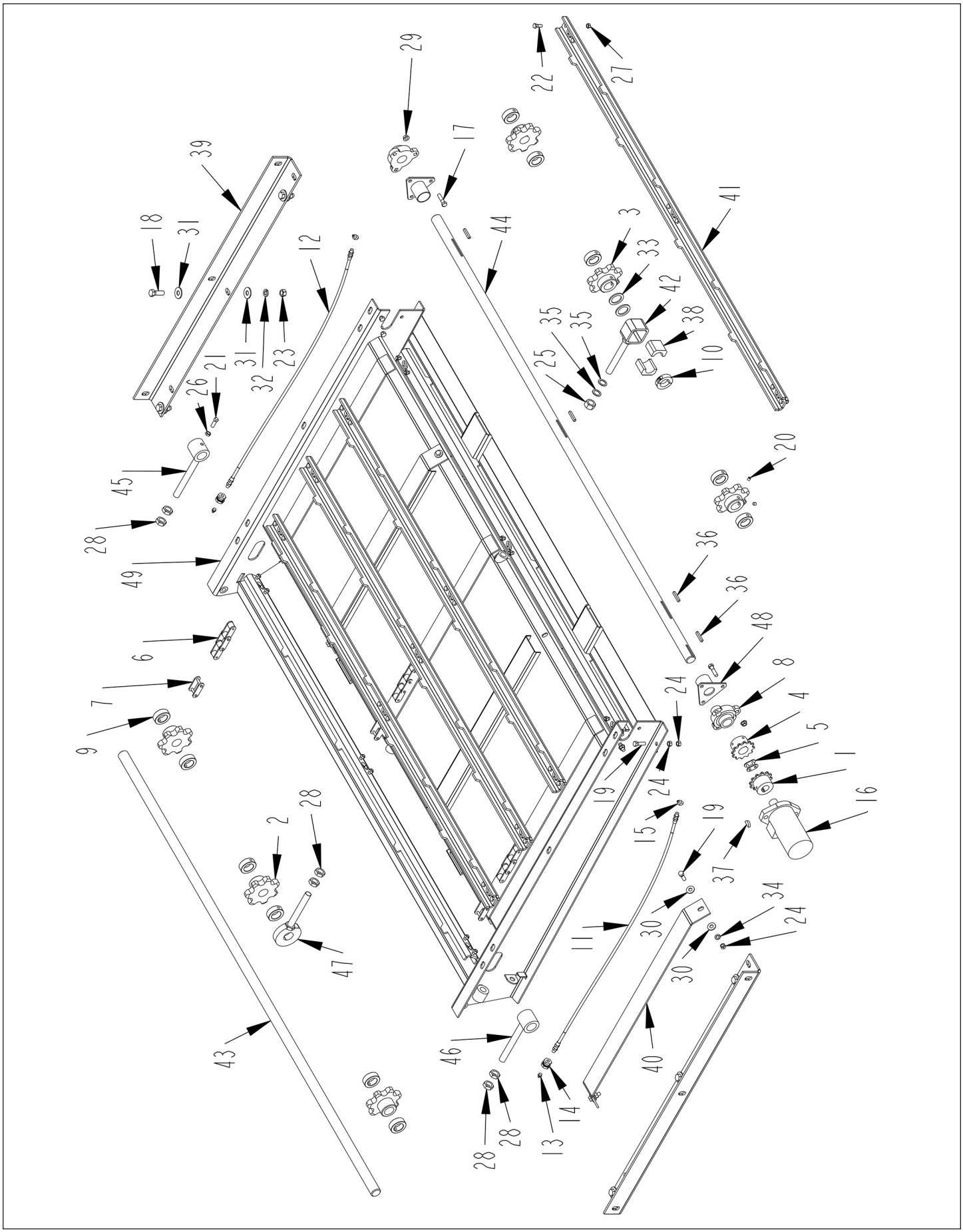
ITEM	PART NO.	QTY.	DESCRIPTION
1	2000813	1	CLLR\SHFT\1-1/2\SET
2	4800082	4	BOLT\HEX\1/2X1-1/2
3	4800143	2	SCR\SET\ALN\3/8X3/8\NC
4	4800456	1	PIN\RLLD\3/16X1-1/8
5	4800483	9	BOLT\CRG\5/8X2\NC
6	4900001	4	NUT\HEX\1/2\NC
7	4900012	9	NUT\TPLCK\5/8\NC
8	5000004	4	WASH\FLAT\1/2
9	5000006	4	WASH\LOCK\1/2
10	5000008	1	WASH\MACH\1-1/2IDX10GA\NR
11	6100031	1	SPRING\COMP\.072W\25/32OD
12	6200021	1	KEY\SQ\3/8X1-1/2\HARDEND
13	7500736	1	GRIP\HAND\1X4-1/2\FLG
14	8100765	1	SHFT\ADJ\SLUGBAR
15	8101038	1	BRKT\INDEX\SLUGBAR
16	8101039	1	BRKT\BRG\SLUGBAR
17	8101050	1	ROD\HANDLE\INDEX\SLUGBAR
18	8101278	9	BAR\SLUG\ADJ
19	8101306	1	BRKT\MNT\HANDLE\SLUGBAR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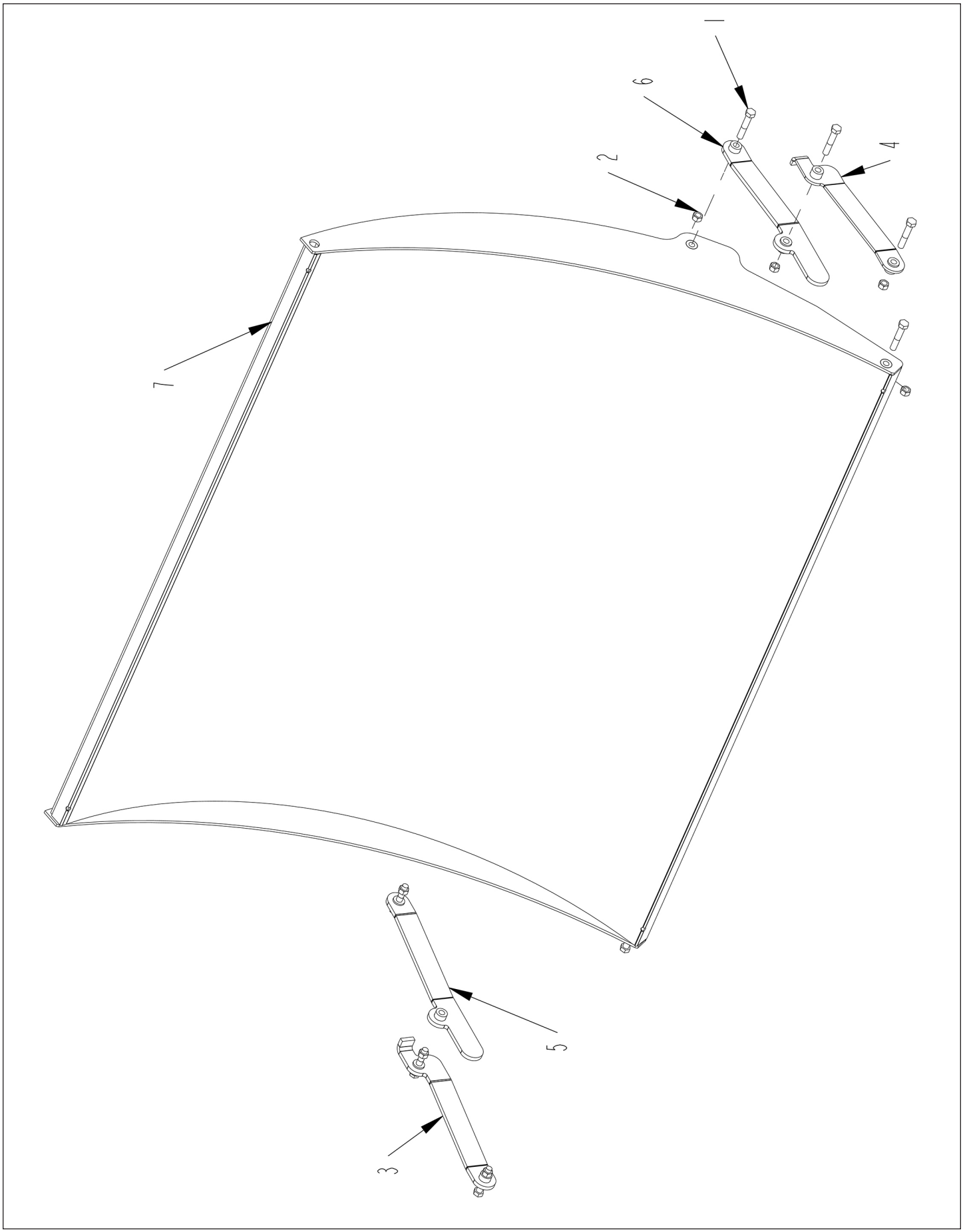
ITEM	PART NO.	QTY.	DESCRIPTION
1	1000233	1	SPKT\60\B\12\1\1/4KW
2	1000306	3	SPKT\662\7\1-1/4\IDLER
3	1000307	3	SPKT\662\7\1-1/4\1/4KW\DRV
4	1000308	1	SPKT\60\B\12\1-1/4\1/4KW
5	1100240	1	CHAIN\60\12\CPLNG\W-CL
6	1100312	3	CHAIN\620CA\53\W/ATTCH
7	1100319	3	CHAIN\620CA\CL\HITACHI
8	2000333	2	BRG\FLG\CAST\1-1/4\3-BOLT
9	2000805	11	CLLR\SHFT\1-1/2\SET
10	2000827	1	CLLR\SHFT\1-1/4\TWO-PIECE
11	3701601	1	HOSE\LUB\1/8X39\MPS-MPS
12	3701601	1	HOSE\LUB\1/8X39\MPS-MPS
13	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
14	3800895	2	FTG\1/8FP\CPLG\ANCHOR\5/8NF
15	3801009	2	FTG\LUB\1/4-28MX1/8NPTF\45\ELB
16	3900025	1	MOTOR\HYD\17.9\H (NOT INCLUDED IN 8102043)
17	4800034	6	BOLT\HEX\3/8X1-1/2
18	4800082	6	BOLT\HEX\1/2X1-1/2
19	4800098	6	BOLT\HEX\3/8X1-1/4\NC
20	4800227	6	SCR\SET\ALN\5/16X5/16\NC
21	4800307	1	SCR\SET\SQ\3/8X1\NC
22	4800393	54	BOLT\HEX\5/16X7/8\GR8
23	4900001	6	NUT\HEX\1/2\NC
24	4900002	8	NUT\HEX\3/8\NC
25	4900004	1	NUT\HEX\3/4\NC
26	4900026	1	NUT\JAM\3/8\NC
27	4900099	54	NUT\TPLCK\5/16\GR8\NC
28	4900104	6	NUT\JAM\3/4\NC
29	4900109	6	NUT\FLG\TPLCK\3/8\NC
30	5000001	8	WASH\FLAT\3/8
31	5000004	12	WASH\FLAT\1/2
32	5000006	6	WASH\LOCK\1/2
33	5000007	2	WASH\1-1/4\MACH\BUSH
34	5000019	4	WASH\LOCK\3/8
35	5000041	2	WASH\3/4ID\1-1/8OD\16GA
36	6200005	4	KEY\SQ\1/4X1-1/2
37	6200011	1	KEY\WDF\1/4X1
38	7501589	2	BRG\NYLTRN\1-1/4\HALF\2SQ-OD
39	8101048	2	MNT\CNVYR\3\BRK
40	8101052	2	PL\RUB\CHAIN\CNVYR
41	8101053	9	PLT\SLAT
42	8101852	1	MNT\BRG\SPLIT\CNVYR
43	8102030	1	SHFT\IDLER\1-1/4\CNVYR
44	8102031	1	SHFT\DRIVE\1-1/4\CNVYR
45	8102032	1	BRKT\SHAFT\IDLER\CNVYR
46	8102033	1	BRKT\SHAFT\IDLER\NO-TAP\1-1/4
47	8102034	1	SUP\SHFT\IDLER\CNVYR\1-1/4
48	8102035	2	GUARD\TWINE\CNVYR\3HL
49	8102038	1	FRM\CNVYR\FLATBOTTOM\1-1/4”
	8102043		**CNVYR\ASSY\1-1/4\SHFT\LH\COMPLETE**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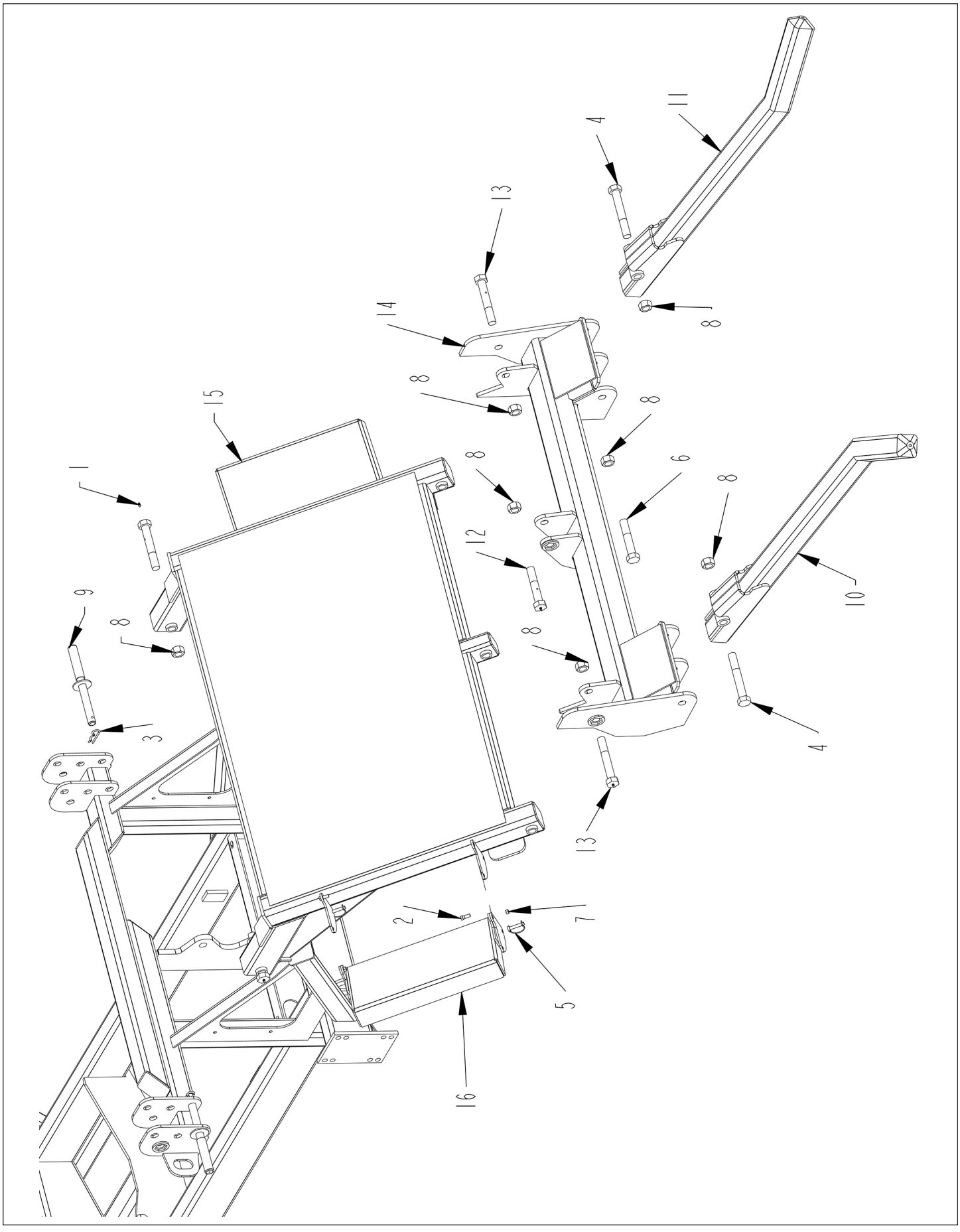
ITEM	PART NO.	QTY.	DESCRIPTION
1	4800351	8	BOLT\HEX\1/2X2-3/4
2	4900014	8	NUT\TPLCK\1/2\NC
3	8101090	1	BRKT\STRAP\RACK\W-STOP\FRONT
4	8101091	1	BRKT\STRAP\RACK\W-STOP\REAR
5	8101092	1	BRKT\STRAP\RACK\FRONT
6	8101093	1	BRKT\STRAP\RACK\REAR
7	8102028	1	RACK\2574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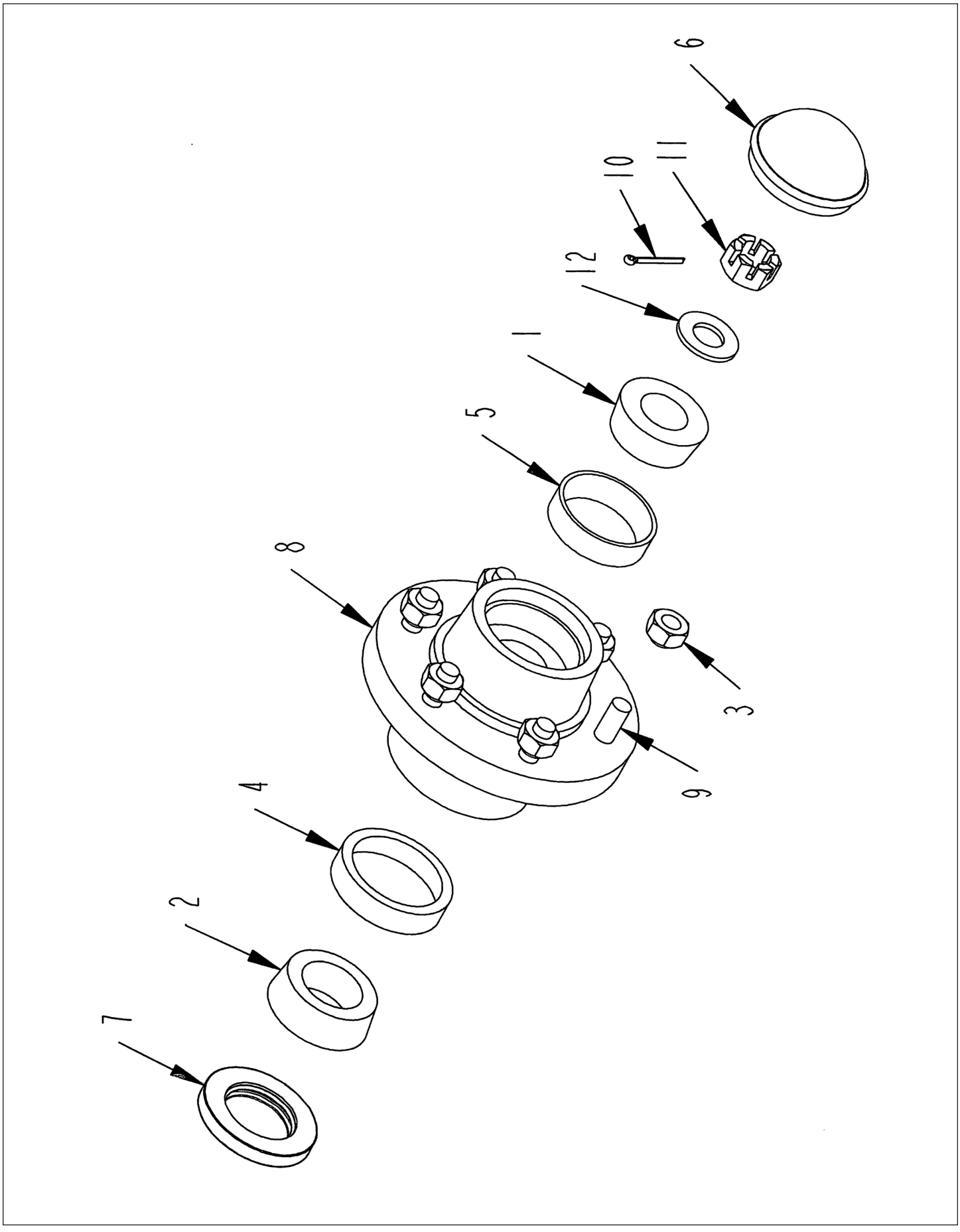
ITEM	PART NO.	QTY.	DESCRIPTION
1	3800082	5	FTG\LUB\1/4NFXZERK\ADAPT
2	4800003	2	BOLT\HEX\3/8X1
3	4800056	2	PIN\HAIR\3/16(#3)
4	4800471	2	BOLT\HEX\1X7\NC
5	4800609	2	PIN\LYNCH\3/8X1-3/4\W/_U_WIRE;KEEPER
6	4800633	1	BOLT\HEX\1X5-1/2\NC\GR5\PLT
7	4900023	2	NUT\TPLCK\3/8\NC
8	4900127	8	NUT\TPLCK\1\NC
9	8100794	2	PIN\LOCK\TRANSPORT
10	8101033	1	TINE\SQ\LEFTHAND
11	8101075	1	TINE\SQ\RIGHTHAND
12	8101311	1	BOLT\HEX\1X5-1/2\GREASE
13	8101312	4	BOLT\HEX\1X6-1/2\GREASE
14	8101513	1	LOWER\LOADER
15	8101992	1	LOADER\UPPER\
16	8101993	1	WING\FOLDING
	8102011		**LDR\ASSY\2574**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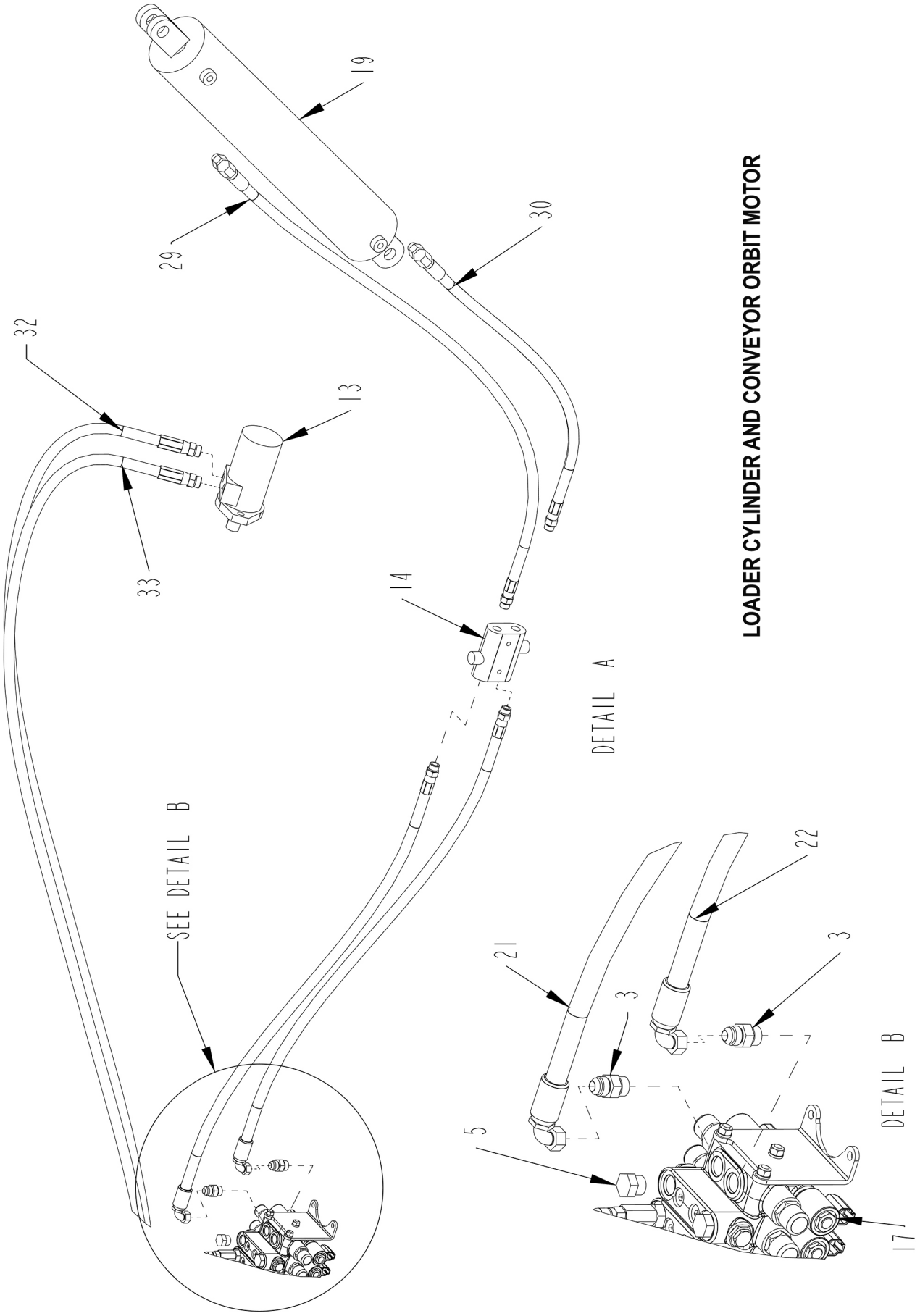
ITEM	PART NO.	QTY.	DESCRIPTION
1	2900024	1	CONE\BRG\OUTER\25877
2	2900029	1	CONE INNER/WHEL HUB\25590
3	2900083	6	NUT\TAPER\WHEEL\1/2\NF\
4	2900164	1	BRG\CUP\INNER\875\25520
5	2900165	1	BRG\CUP\OUTER\875\25821
6	2900168	1	CAP\DUST\875
7	2900169	1	SEAL\GREASE\875\P602110
8	2900171	1	HUB\6-BOLT\STUDS\COMPLETE (INCLUDES ITEMS 1, 2, 3, 4, 5, 6, 7, 9)
9	2900172	6	STUD\WHL\9/16-18X2-1/8\GR5\P151403
10	4800044	1	PIN\COT\5/32X1-1/2
11	4900054	1	NUT\CASTLE\1/2\NF
12	5000055	1	WASH\SPINDLE\7/8


LOADER CYLINDER AND CONVEYOR ORBIT MOTOR
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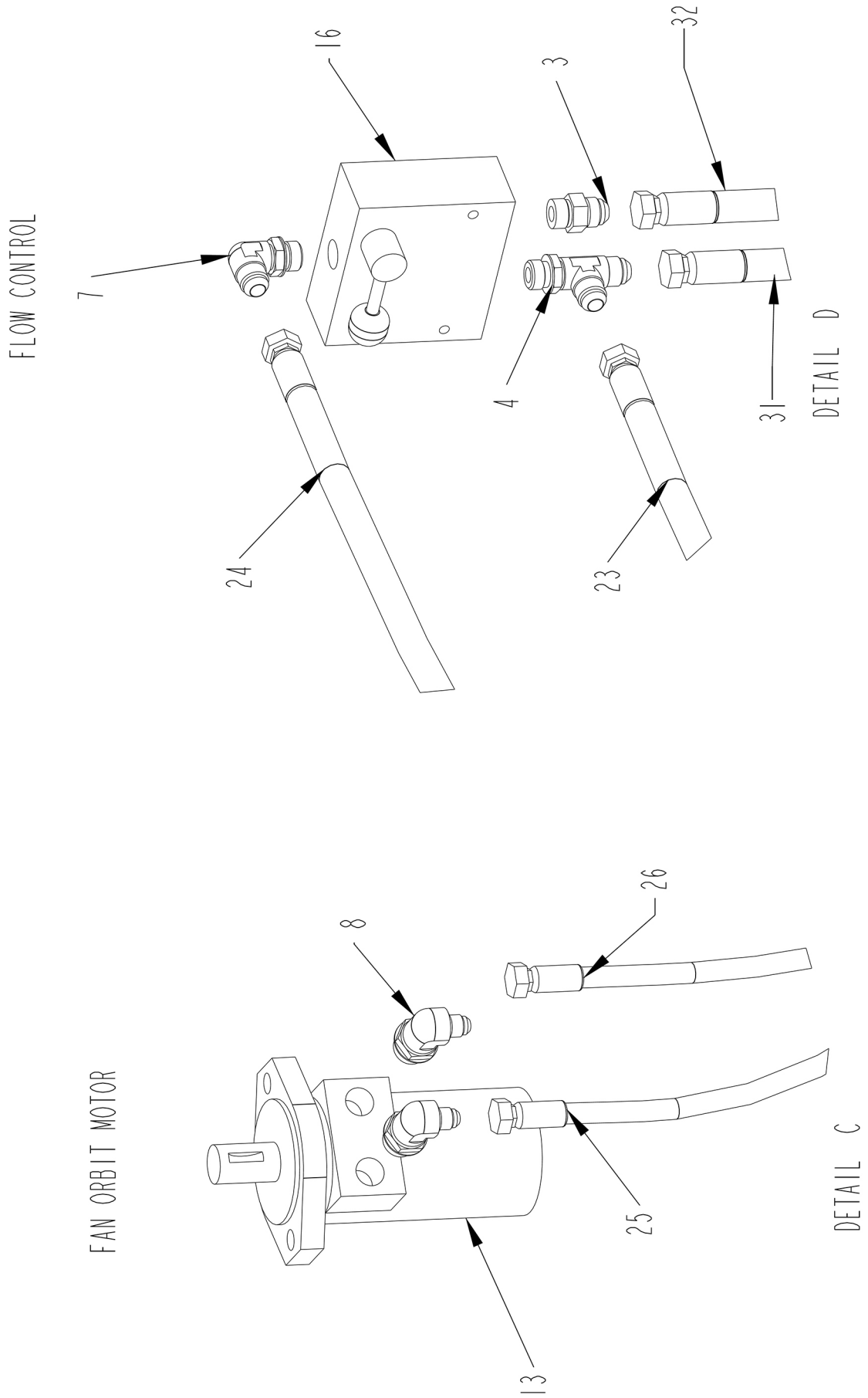
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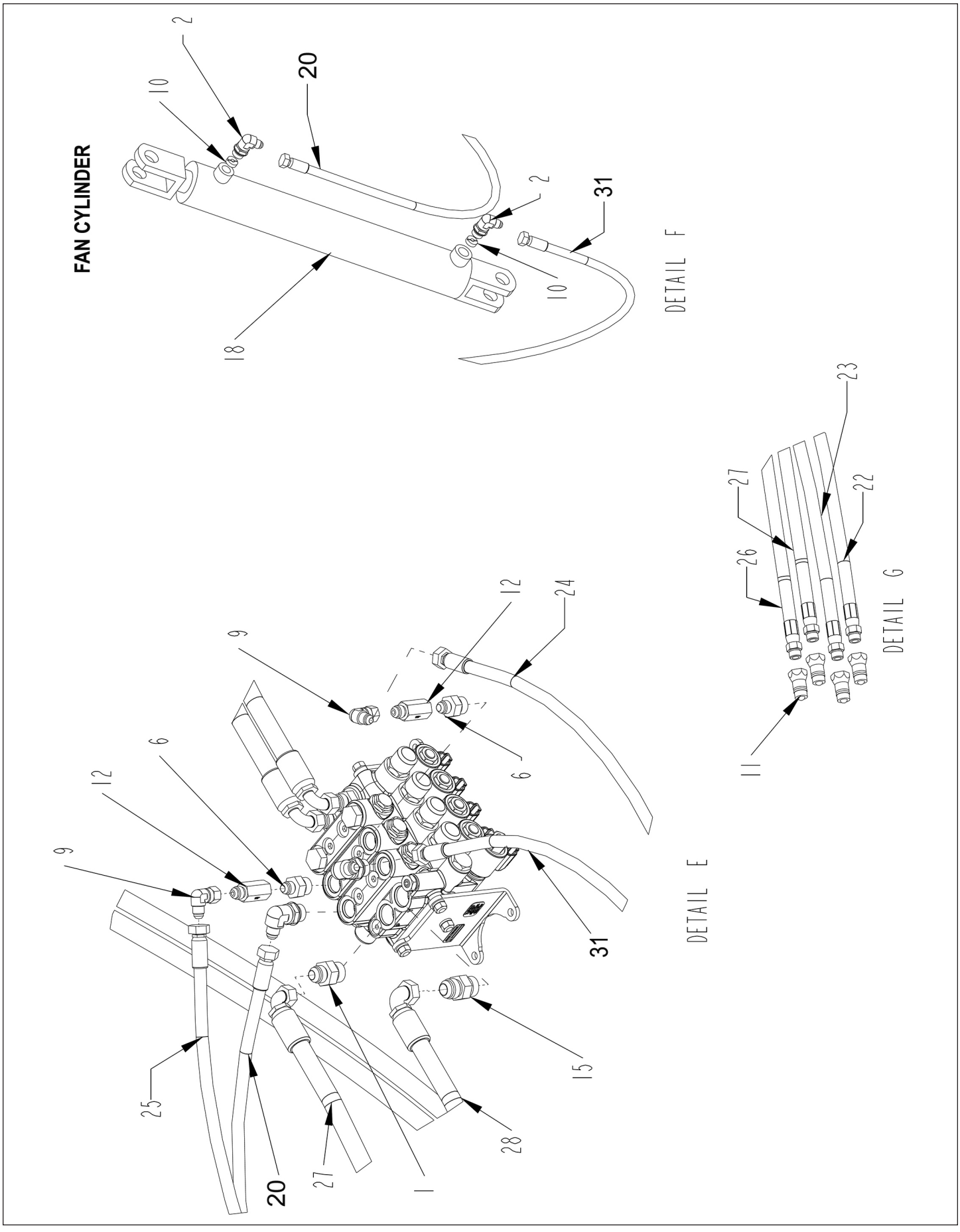
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ITEM	PART NO.	QTY.	DESCRIPTION
1	3800328	1	FTG\7/8MORX3/4MJIC\ADPT
2	3800453	4	FTG\3/4MORX9/16MJIC\90
3	3800477	3	FTG\3/4MORX3/4MJIC\ST
4	3800483	1	FTG\3/4MORX3/4MJICX3/4MJIC\RUN;TEE
5	3800490	2	FTG\3/4MOR\PLUG\HEX
6	3800530	2	FTG\3/4MORX9/16MJIC\ST
7	3800537	1	FTG\3/4MORX3/4MJIC\90
8	3800538	2	FTG\7/8MORX9/16MJIC\90
9	3800645	2	FTG\9/16MJICX9/16+FJIC\90\SW
10	3800683	2	FTG\3/4MOR\ORFICE\0.0490”
11	3800694	4	FTG\3/4FOR\QUICK;CPLR\MALE
12	3801014	2	FTG\9/16MJICX9/16FJIC\ORF-CK
13	3900025	2	MOTOR\HYD\17.9\H
14	4000234	1	VALVE\RELIEF\CROSS\RC13BB\1000&1800PSI
15	4000288	1	FTG\7/8MORX7/8MJIC\ST\CHCK
16	4000331	1	VALVE\FLW-CNTRL\#8FOR
17	4000569	1	VLV\HYD\BRAND\4-BANK\00277
18	4100224	1	CYL\HYD\2-1/2X16\1-1/2ROD\3/4OR
19	4100324	1	CYL\HYD\4-1/2X24\1-3/4 ROD\1”PIN\WELD\3/4 O-RING
20	3701562	1	HOSE\HYD\1/4X111\9/16FJICX9/16FJIC - FAN CYL RODEND TO AUX VALVE
21	3701563	1	HOSE\HYD\1/2X44\3/4MORSX3/4FJIC90 - AUX VALVE TO RELIEF VALVE
22	3701563	1	HOSE\HYD\1/2X44\3/4MORSX3/4FJIC90 - AUX VALVE TO RELIEF VALVE
23	3701619	1	HOSE\HYD\1/2X150\3/4FJICX3/4MOR - FLOW CONTROL TO TRACTOR
24	3701619	1	HOSE\HYD\1/2X150\3/4FJICX3/4MOR - FLOW CONTROL TO TRACTOR
25	3700747	1	HOSE\HYD\1/4X126\9/16FJICX9/16FJIC - FAN ORBIT MOTOR TO AUX VALVE
26	3700747	1	HOSE\HYD\1/4X126\9/16FJICX9/16FJIC - FAN ORBIT MOTOR TO AUX VALVE
27	3700748	1	HOSE\HYD\1/2X162\3/4MORSX3/4FJIC90 - AUX VALVE TO TRACTOR
28	3700749	1	HOSE\HYD\1/2X162\3/4MORSX7/8FJIC90 - AUX VALVE TO TRACTOR
29	3700752	1	HOSE\HYD\1/2X70\3/4MORSX3/4MORS_90DEG RELIEF VALVE TO LOADER CYL ROD END
30	3700753	1	HOSE\HYD\1/2X44\3/4MORSX3/4MORS_90DEG RELIEF VALVE TO LOADER CYL CAP END
31	3701028	1	HOSE\HYD\1/4X95\9/16FJICX9/16FJIC - FAN CYL CAP END TO AUX VALVE
32	3701561	1	HOSE\HYD\1/2X138\7/8MORSX3/4FJIC FLOW CONTROL VALVE TO CONVEYOR ORBIT MOTOR
33	3701561	1	HOSE\HYD\1/2X138\7/8MORSX3/4FJIC FLOW CONTROL VALVE TO CONVEYOR ORBIT MOTOR
	3701560		**HOSE\KIT\2574**
	NOT SHOWN		
	7501088	4	CAP\PLSTC\#27\TAPERED\RED
	7501361	2	CAP\YLLW\DUST\HOSE\HYD
	7501362	2	CAP\RED\DUST\HOSE\HYD


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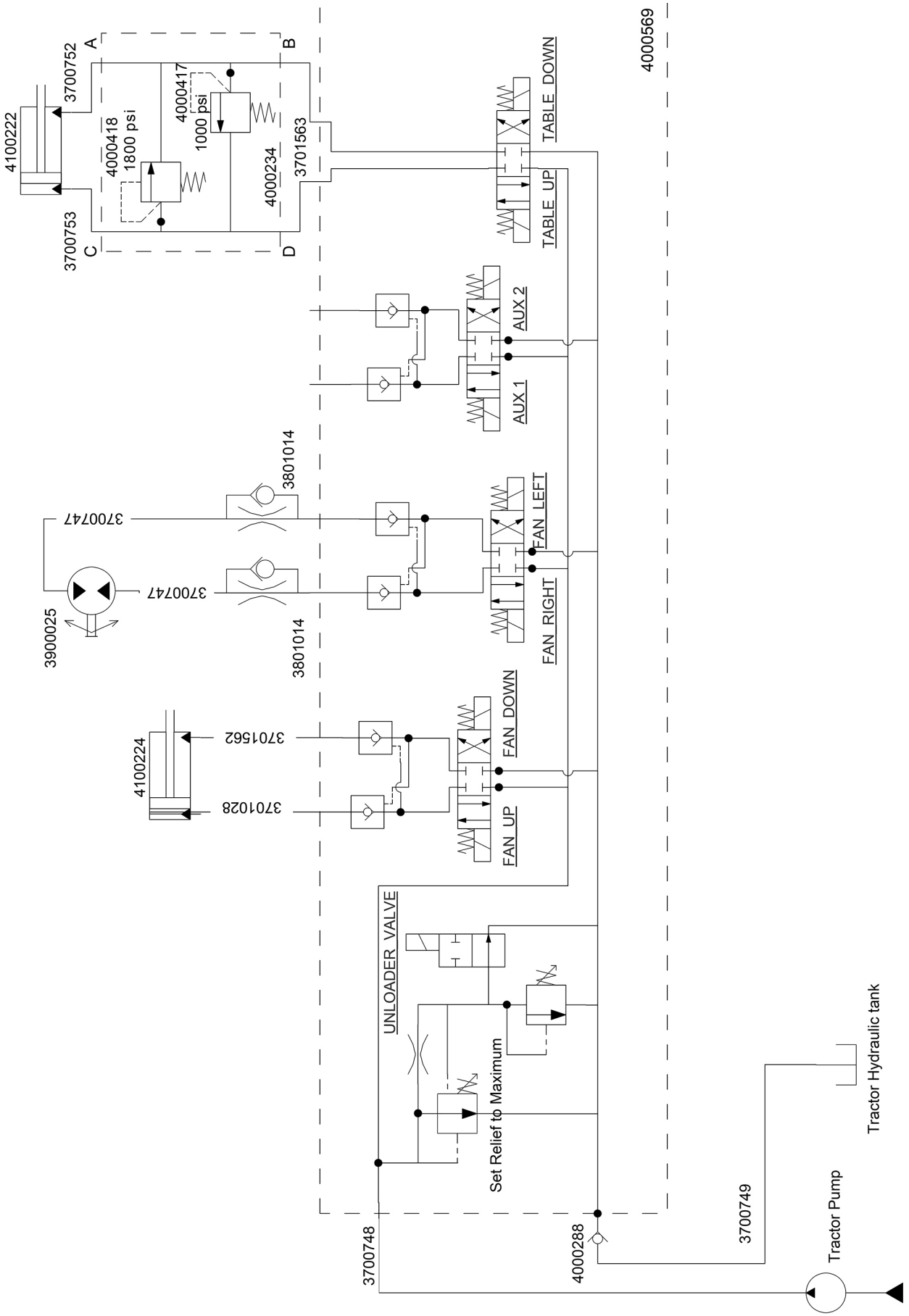
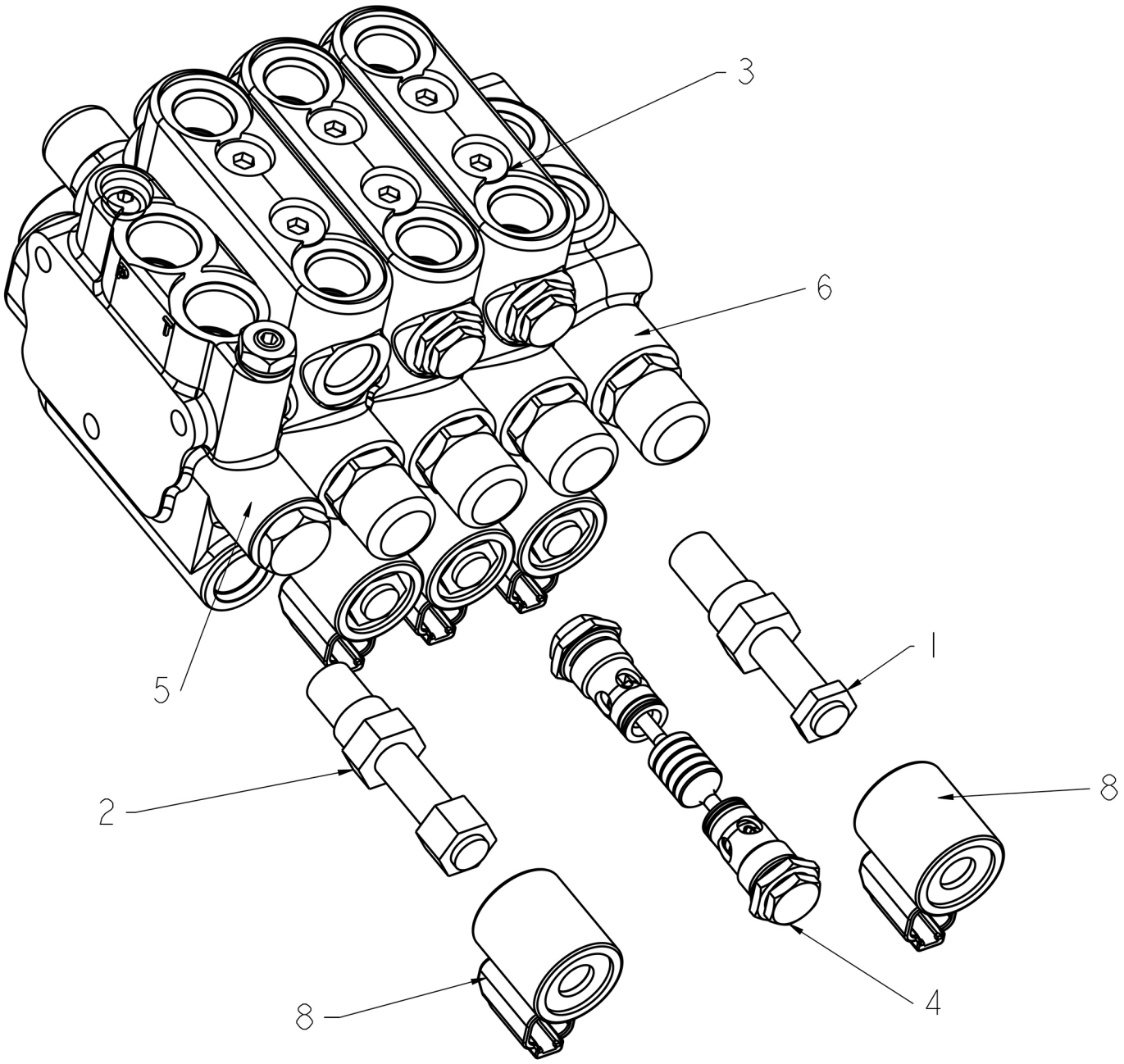
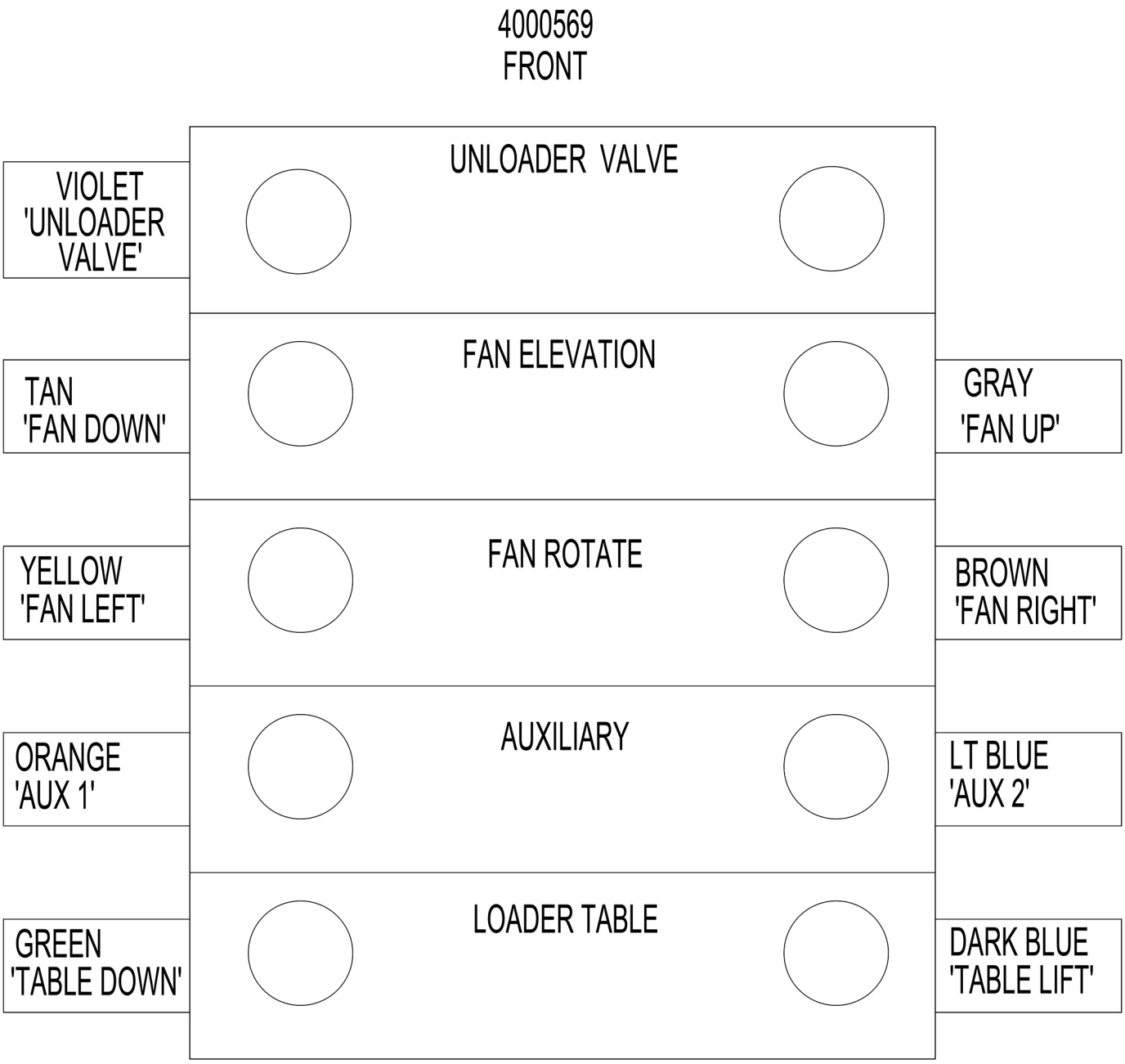
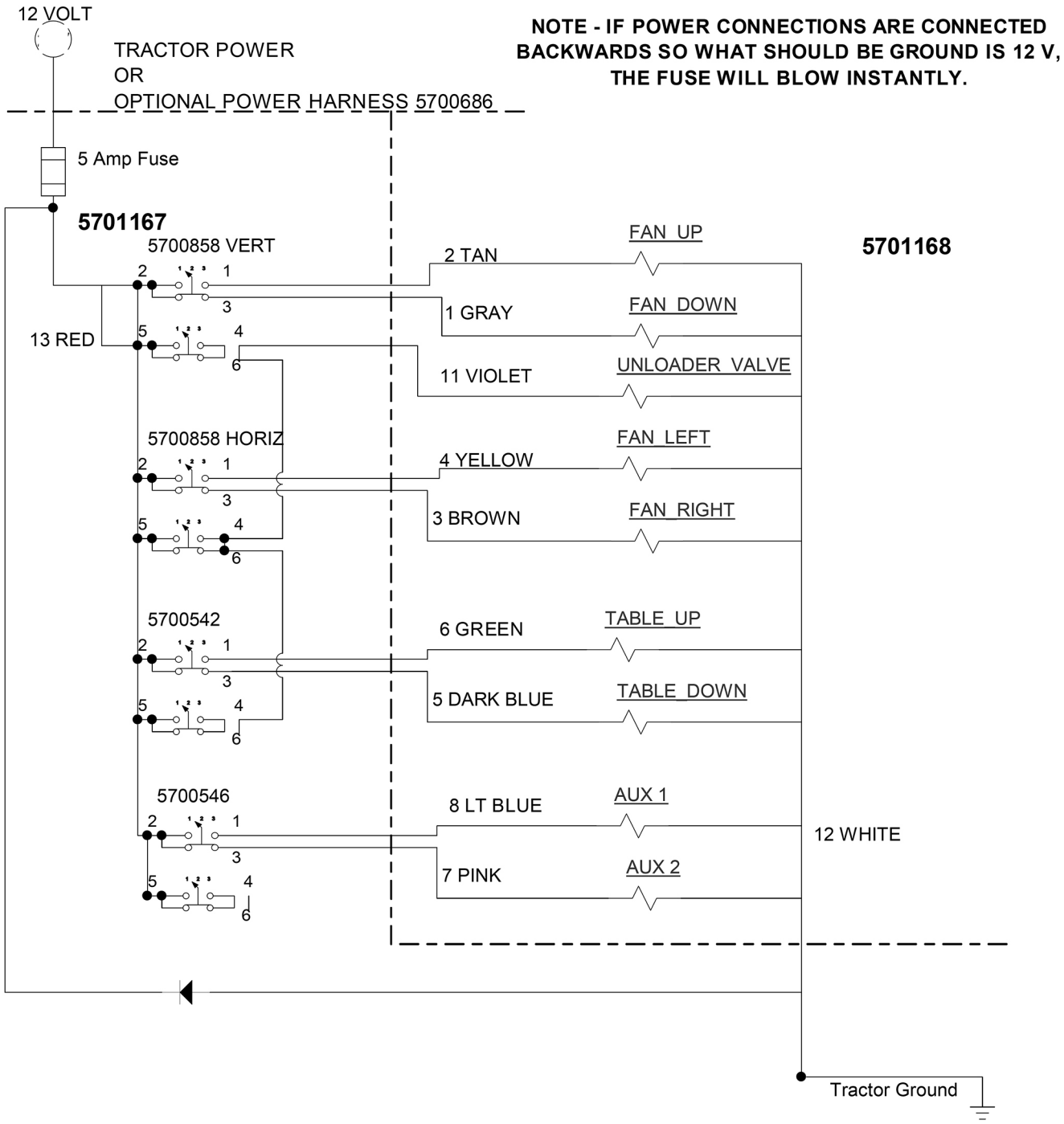
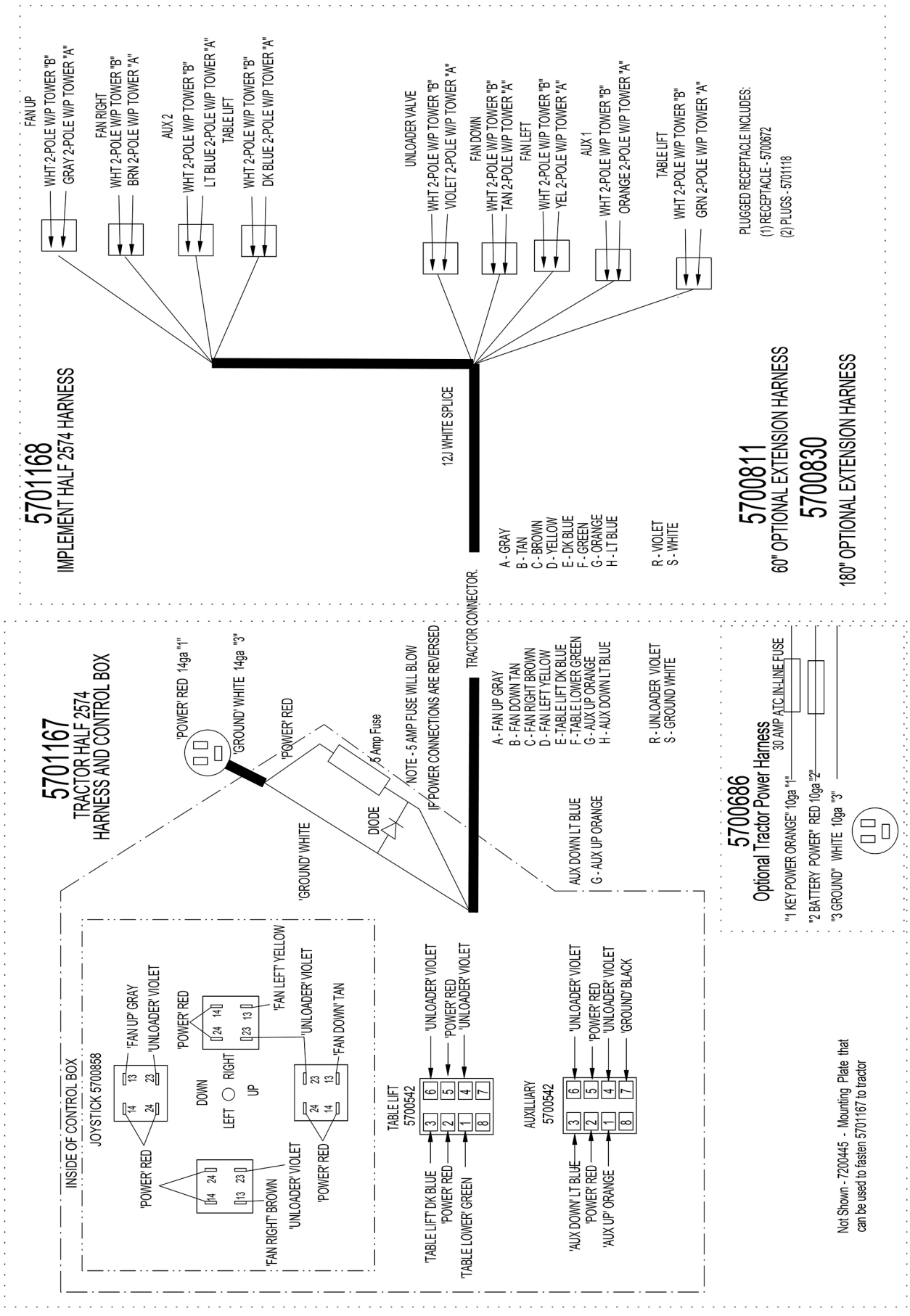

4000569
A
B
C
D
3700752
4100222
4000418
1800 psi
4000417
1000 psi
4000234
3701563
3700753
TABLE DOWN
TABLE UP
AUX 2
AUX 1
3801014
3700747
3700747
3900025
3801014
FAN LEFT
FAN RIGHT
4100224
3701562
3701028
FAN DOWN
FAN UP
UNLOADER VALVE
Set Relief to Maximum
3700748
4000288
3700749
Tractor Hydraulic tank
Tractor Pump

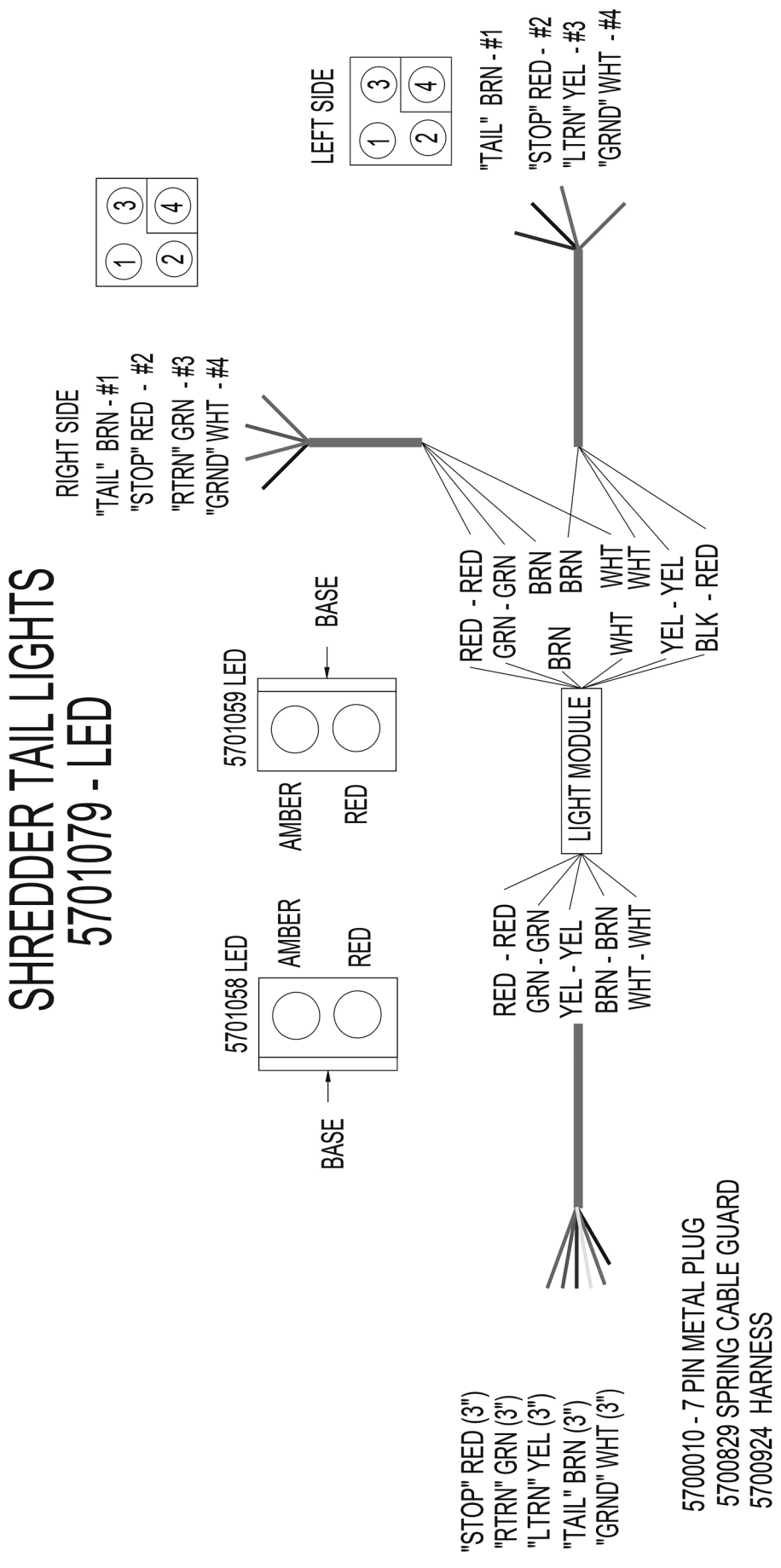

3
6
5
1
2
8
8
4

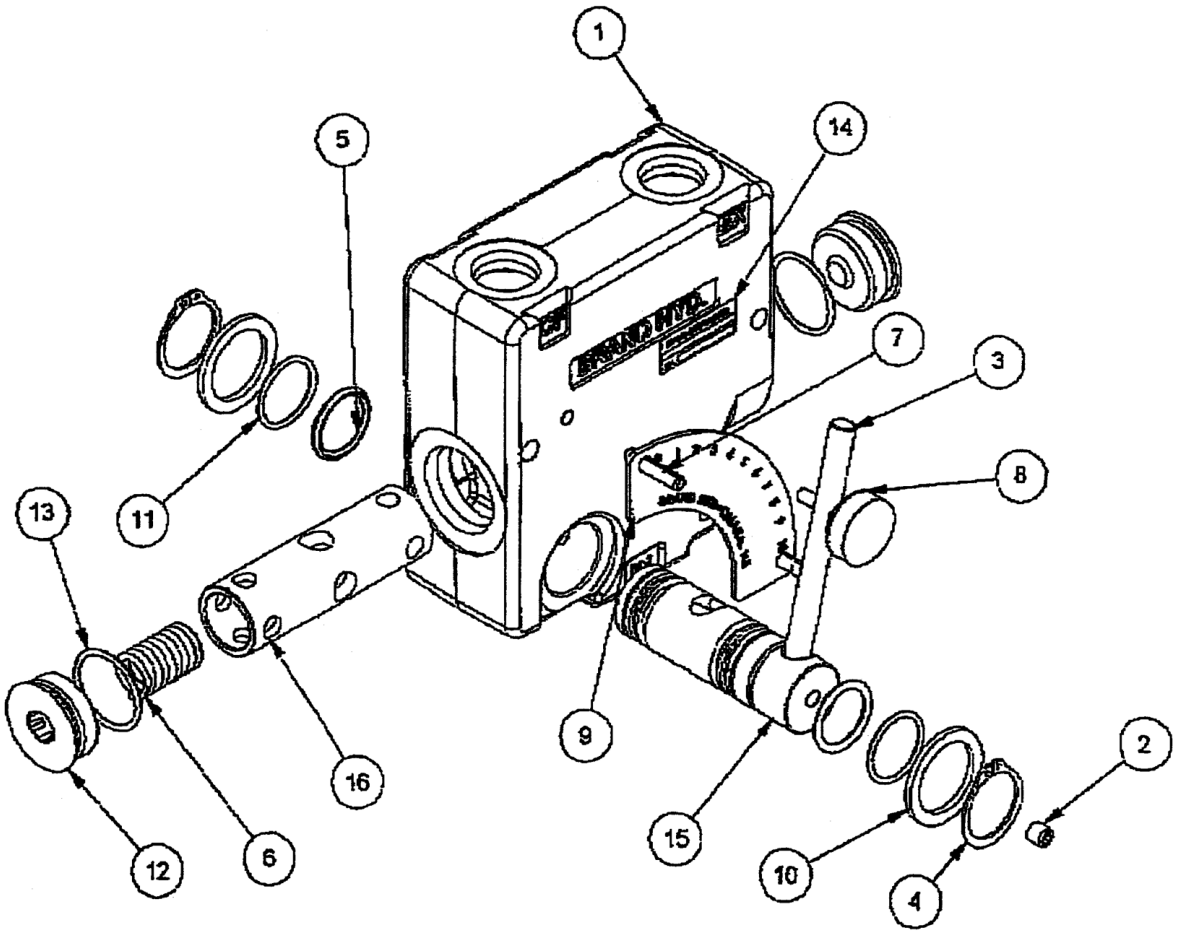
ITEM	PART NO.	QTY.	DESCRIPTION
1	4000176	8	VALVE\HYD\CART\WORK
2	4000179	1	VALVE\HYD\CART\UNLDR
3	4000197	3	VALVE\HYD\HIGHSEC\36SER
4	4000473	3	KIT\LOCK\LOAD
5	4000528	1	VALVE\HYD\UNLOADER\36\BRAND
6	4000533	1	VALVA\HYD\LOWSEC\36SER
7	4000569	1	VLV\HYD\BRAND\4-BANK\00277
8	5701141	9	SOL\HYD\12VDC\HYDRAFORCE
	NOT SHOWN		
	7501292	4	SEAL\KIT\VLV\BRAND\SECTION\WORK


4000569
FRONT
UNLOADER VALVE
VIOLET
'UNLOADER
VALVE'
FAN ELEVATION
TAN
'FAN DOWN'
GRAY
'FAN UP'
FAN ROTATE
YELLOW
'FAN LEFT'
BROWN
'FAN RIGHT'
AUXILIARY
ORANGE
'AUX 1'
LT BLUE
'AUX 2'
LOADER TABLE
GREEN
'TABLE DOWN'
DARK BLUE
'TABLE LIFT'


12 VOLT
TRACTOR POWER
OR
OPTIONAL POWER HARNESS 5700686
NOTE - IF POWER CONNECTIONS ARE CONNECTED BACKWARDS SO WHAT SHOULD BE GROUND IS 12 V, THE FUSE WILL BLOW INSTANTLY.
5 Amp Fuse
5701167
5701168
5700858 VERT
5700858 HORIZ
5700542
5700546
13 RED
2 TAN
FAN_UP
1 GRAY
FAN_DOWN
11 VIOLET
UNLOADER_VALVE
4 YELLOW
FAN_LEFT
3 BROWN
FAN_RIGHT
6 GREEN
TABLE_UP
5 DARK BLUE
TABLE_DOWN
8 LT BLUE
AUX 1
12 WHITE
7 PINK
AUX 2
Tractor Ground

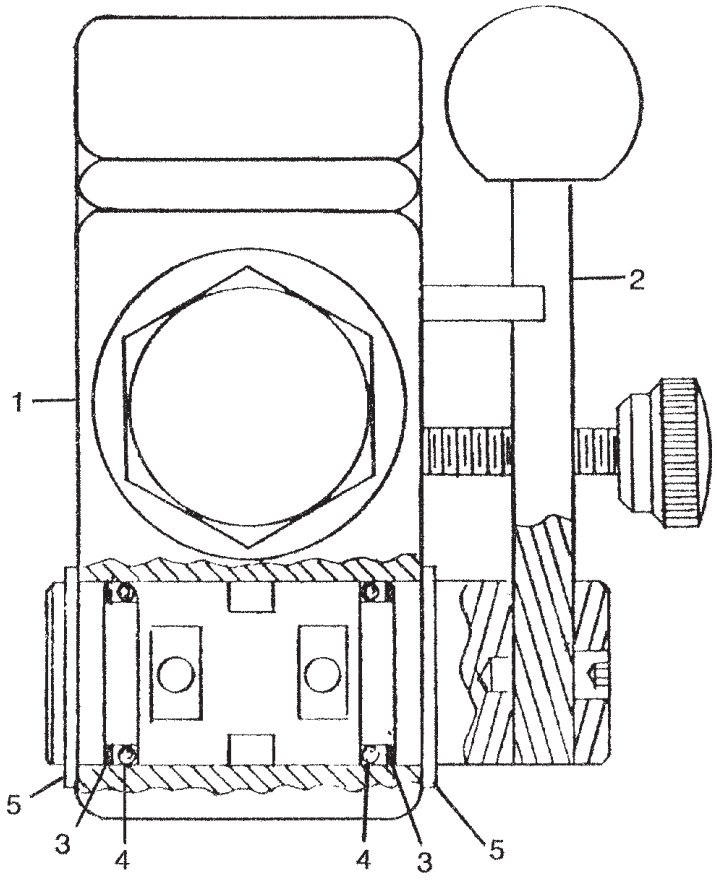

5701168
IMPLEMENT HALF 2574 HARNESS
FAN UP
WHT 2-POLE W/P TOWER "B"
GRAY 2-POLE W/P TOWER "A"
FAN RIGHT
WHT 2-POLE W/P TOWER "B"
BRN 2-POLE W/P TOWER "A"
AUX 2
WHT 2-POLE W/P TOWER "B"
LT BLUE 2-POLE W/P TOWER "A"
TABLE LIFT
WHT 2-POLE W/P TOWER "B"
DK BLUE 2-POLE W/P TOWER "A"
UNLOADER VALVE
WHT 2-POLE W/P TOWER "B"
VIOLET 2-POLE W/P TOWER "A"
FAN DOWN
WHT 2-POLE W/P TOWER "B"
TAN 2-POLE W/P TOWER "A"
FAN LEFT
WHT 2-POLE W/P TOWER "B"
YEL 2-POLE W/P TOWER "A"
AUX 1
WHT 2-POLE W/P TOWER "B"
ORANGE 2-POLE W/P TOWER "A"
TABLE LIFT
WHT 2-POLE W/P TOWER "B"
GRN 2-POLE W/P TOWER "A"
PLUGGED RECEPTACLE INCLUDES:
(1) RECEPTACLE - 5700672
(2) PLUGS - 5701118
12J WHITE SPLICE
TRACTOR CONNECTOR
A - GRAY
B - TAN
C - BROWN
D - YELLOW
E - DK BLUE
F - GREEN
G - ORANGE
H - LT BLUE
R - VIOLET
S - WHITE
5700811
60" OPTIONAL EXTENSION HARNESS
5700830
180" OPTIONAL EXTENSION HARNESS
5701167
TRACTOR HALF 2574
HARNESS AND CONTROL BOX
'POWER' RED 14ga "1"
'GROUND' WHITE 14ga "3"
'POWER' RED
5 Amp Fuse
DIODE
'GROUND' WHITE
NOTE - 5 AMP FUSE WILL BLOW
IF POWER CONNECTIONS ARE REVERSED
A - FAN UP GRAY
B - FAN DOWN TAN
C - FAN RIGHT BROWN
D - FAN LEFT YELLOW
E - TABLE LIFT DK BLUE
F - TABLE LOWER GREEN
G - AUX UP ORANGE
H - AUX DOWN LT BLUE
R - UNLOADER VIOLET
S - GROUND WHITE
AUX DOWN LT BLUE
G - AUX UP ORANGE
5700686
Optional Tractor Power Harness
30 AMP ATC IN-LINE FUSE
"1 KEY POWER ORANGE" 10ga "1"
"2 BATTERY POWER" RED 10ga "2"
"3 GROUND" WHITE 10ga "3"
INSIDE OF CONTROL BOX
JOYSTICK 5700858
'FAN UP' GRAY
'UNLOADER' VIOLET
'POWER' RED
'FAN LEFT' YELLOW
'UNLOADER' VIOLET
'FAN DOWN' TAN
'POWER' RED
'FAN RIGHT' BROWN
'UNLOADER' VIOLET
'POWER' RED
DOWN
LEFT
RIGHT
UP
TABLE LIFT
5700542
'TABLE LIFT' DK BLUE
'POWER' RED
'TABLE LOWER' GREEN
'UNLOADER' VIOLET
'POWER' RED
'UNLOADER' VIOLET
AUXILLIARY
5700542
'AUX DOWN' LT BLUE
'POWER' RED
'AUX UP' ORANGE
'UNLOADER' VIOLET
'POWER' RED
'UNLOADER' VIOLET
'GROUND' BLACK
Not Shown - 7200445 - Mounting Plate that
can be used to fasten 5701167 to tractor

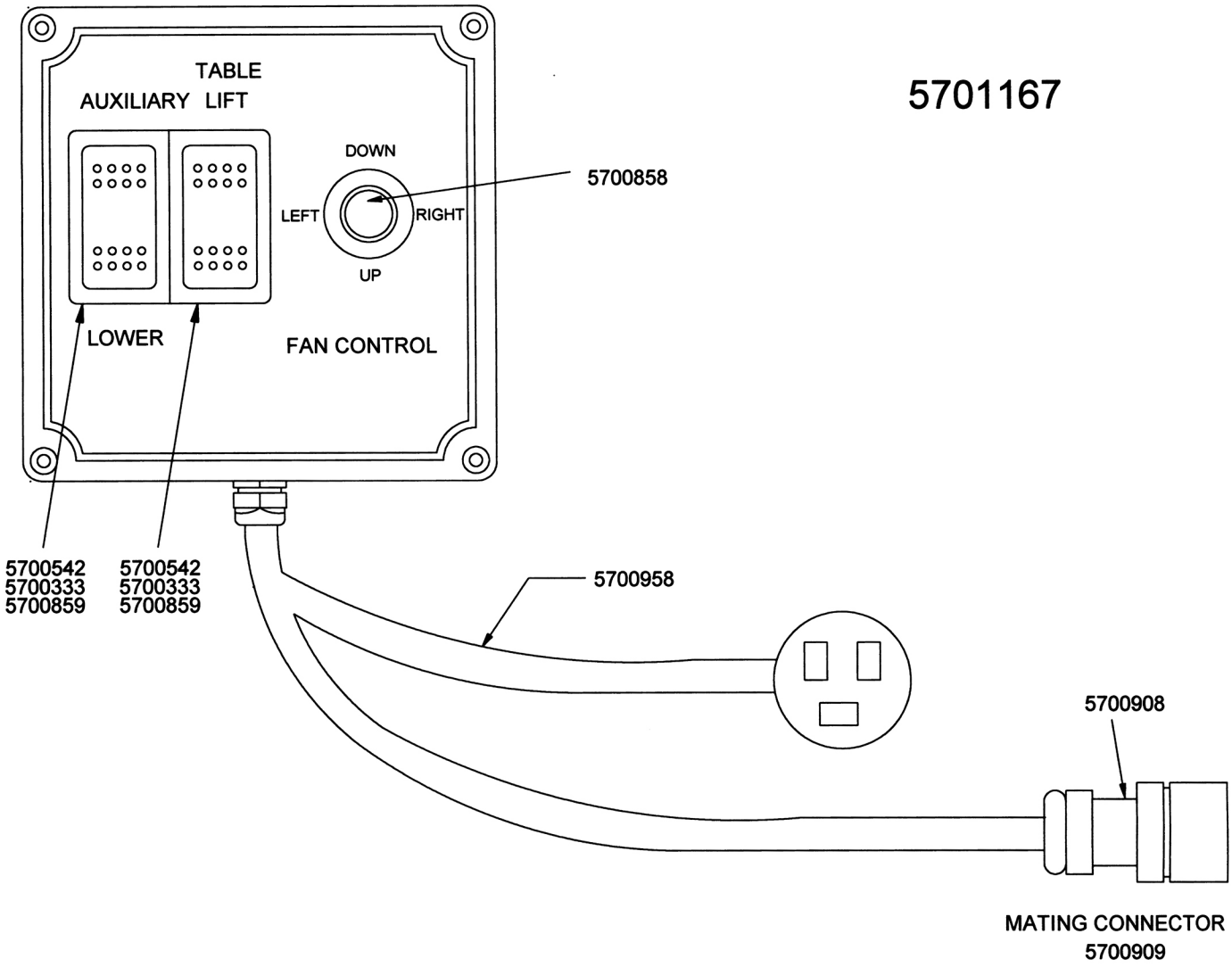

SHREDDER TAIL LIGHTS
5701079 - LED
RIGHT SIDE
"TAIL" BRN - #1
"STOP" RED - #2
"RTRN" GRN - #3
"GRND" WHT - #4
LEFT SIDE
"TAIL" BRN - #1
"STOP" RED - #2
"LTRN" YEL - #3
"GRND" WHT - #4
5701059 LED
BASE
AMBER
RED
5701058 LED
AMBER
RED
BASE
RED - RED
GRN - GRN
BRN
BRN
WHT
WHT
YEL - YEL
BLK - RED
LIGHT MODULE
RED - RED
GRN - GRN
YEL - YEL
BRN - BRN
WHT - WHT
"STOP" RED (3")
"RTRN" GRN (3")
"LTRN" YEL (3")
"TAIL" BRN (3")
"GRND" WHT (3")
5700010 - 7 PIN METAL PLUG
5700829 SPRING CABLE GUARD
5700924 HARNESS



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

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




5701167
TABLE
AUXILIARY LIFT
DOWN
LEFT
RIGHT
UP
5700858
LOWER
FAN CONTROL
5700542
5700333
5700859
5700542
5700333
5700859
5700958
5700908
MATING CONNECTOR
5700909

ITEM	PART NO.	QTY.	DESCRIPTION
1	5701167	1	JOYSTICK\CNTRBX\4-FNCTN\W-HR
2	5700333	2	SWITCH\RCKR\MNT\PNL\END
3	5700542	1	SWITCH\RCKR\DPDT\24VUNLIT
4	5700546	1	SWITCH\RCKR\DPDT\12V\2LIT
5	5700958	1	HARN\2564\CNTRLBX\4-FNCTN
6	5700858	1	SW\JOYSTICK\2;AXIS
7	5700859	2	GASKET\SWITCH\RCKR\CARLING
8	5700908	1	CONN\RECEPT\DTZ\16PIN\SZ24\CLAMP
9	5700909	1	CONN\PLUG\DTZ\16SCKT\SZ24\CLAMP

NOT SHOWN

	5700528	5 AMP ATO FUSE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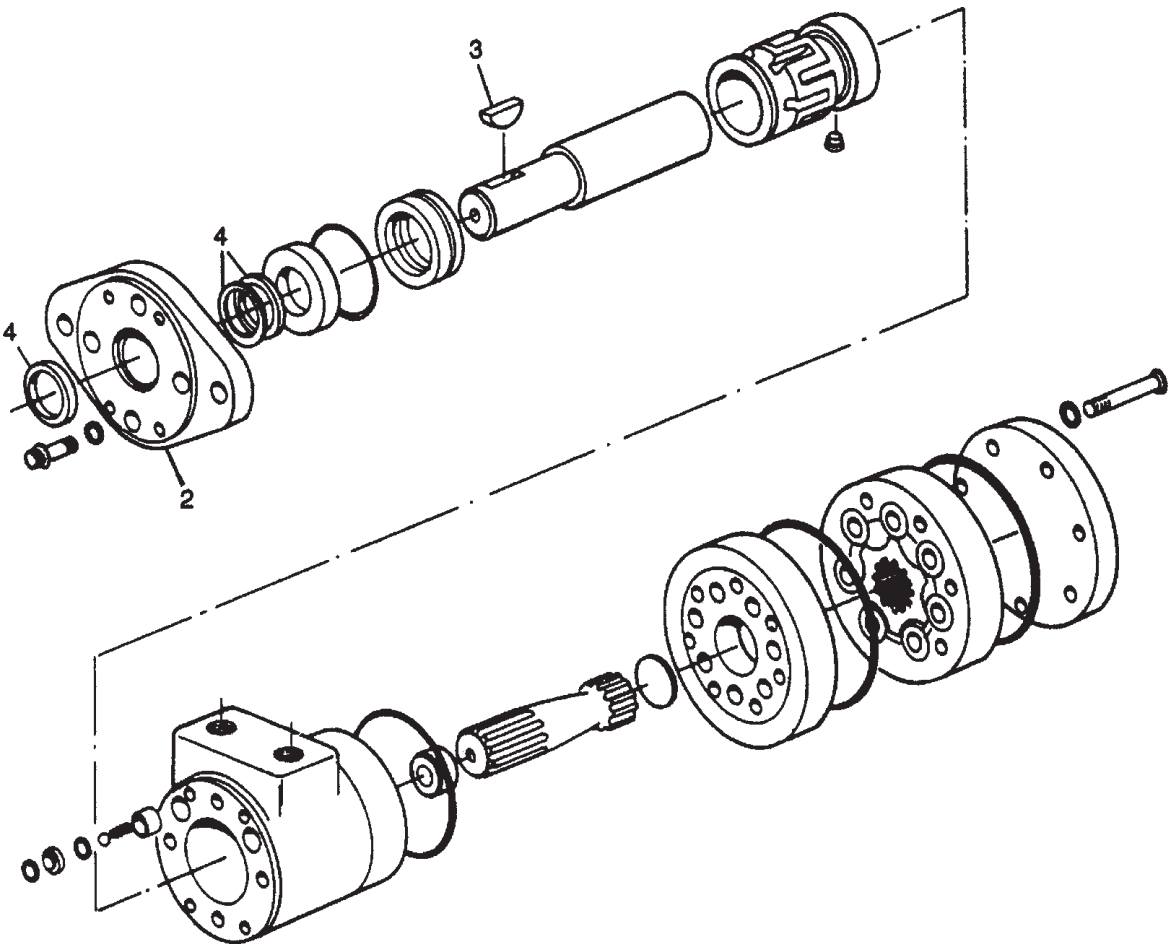
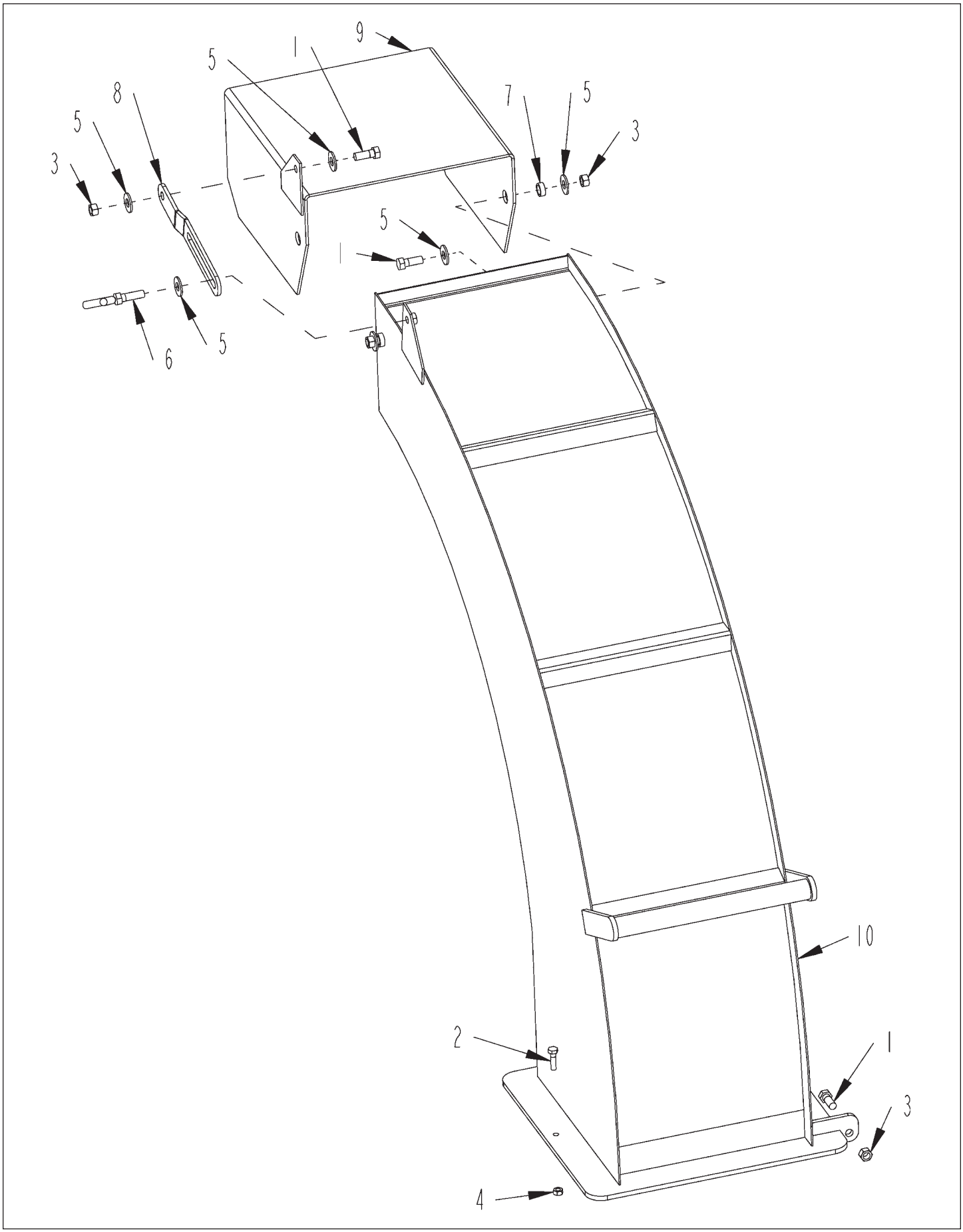
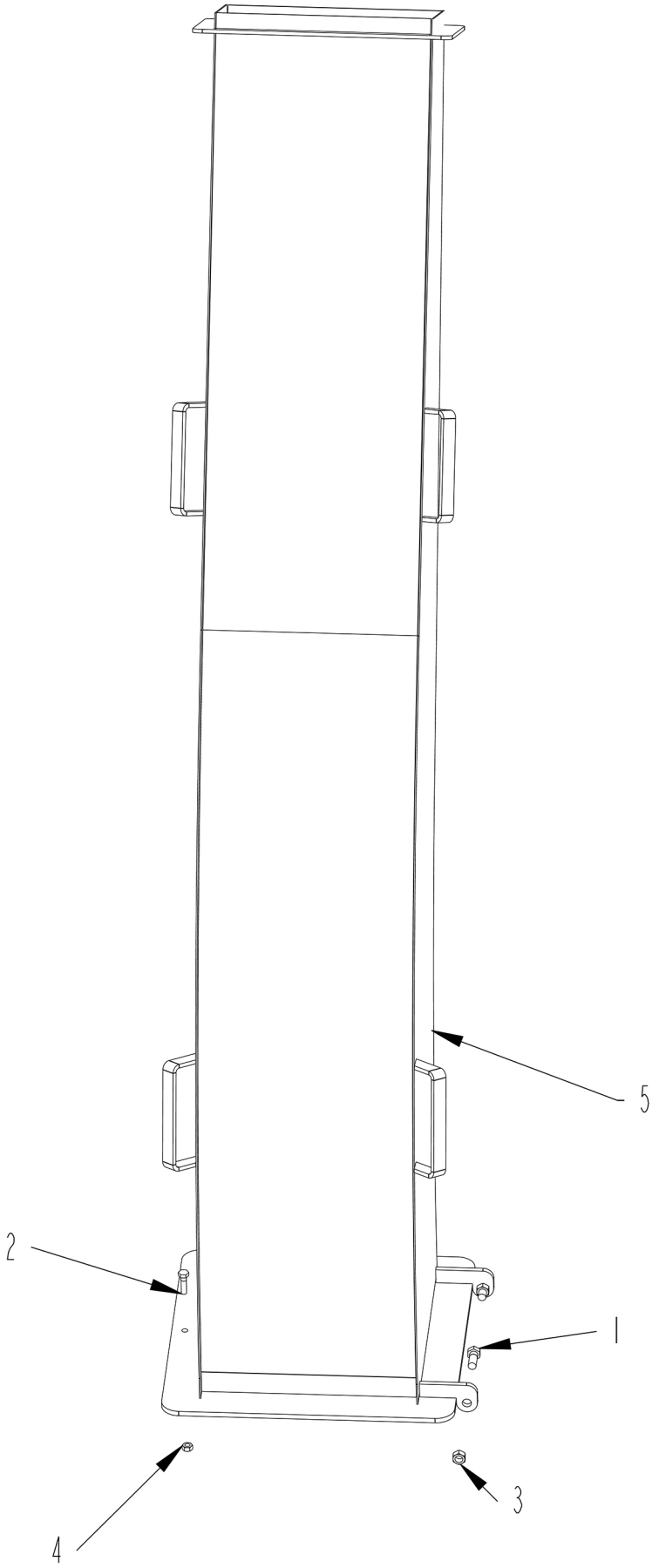
ITEM	PART NO.	QTY.	DESCRIPTION
1	3900025		Mtr\Hyd\17.9\H\A;MNT\7/8for o-ring thread
2	3900002	1	Mounting Flange
3	6200011	1	Key, Woodruff
4	7501038	1	Seal Kit
1	3900033		Mtr\Hyd\14.1\7/8FOR
4	7501038	1	Seal Kit




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

OPTIONAL COVERED SPOUT ASSEMBLY

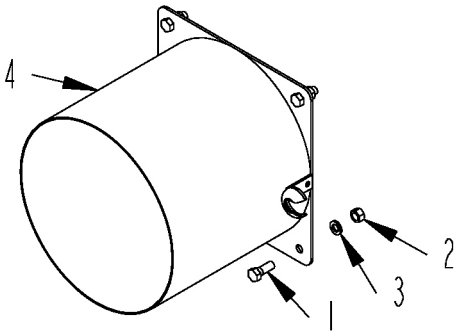
ITEM	PART NO.	QTY.	DESCRIPTION
	8101691		#3\CURVED\SPOUT\KIT
1	4800003	5	BOLT\HEX\3/8X1
2	4800277	1	BOLT\HEX\1/4X1
3	4900023	5	NUT\TPLCK\3/8\NC
4	4900084	1	NUT\TPLCK\1/4\NC
5	5000001	7	WASH\FLAT\3/8
6	8100247	1	BOLT\ADJ\SPOUT
7	8100257	2	BUSH\DFLCTR\SPOUT
8	8100299	1	STRAP\ADJ\SPOUT
9	8100500	1	DFLCTR\SPOUT\DISCH
10	8101298	1	SPOUT\NO3\2564


5
2
1
4
3

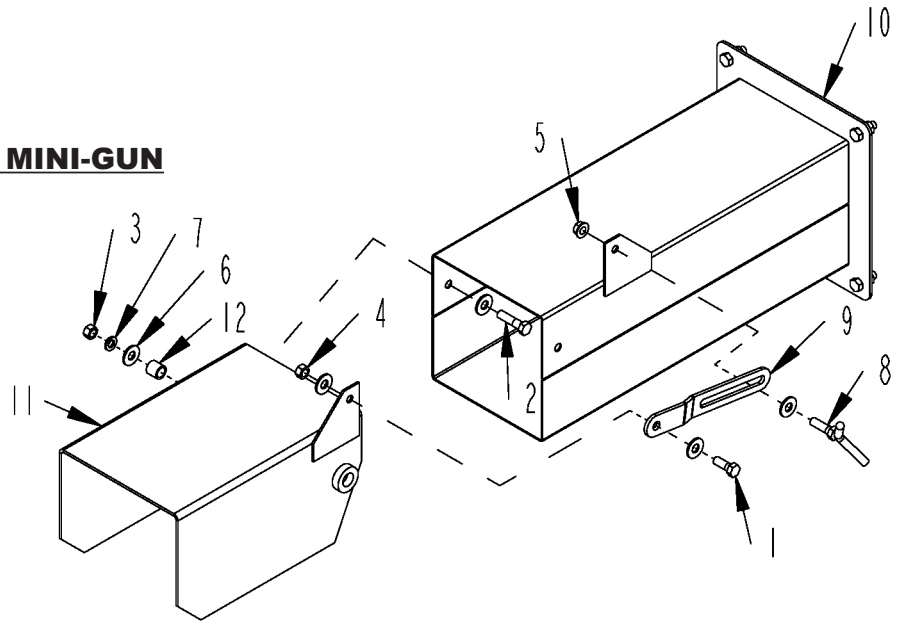
OPTIONAL 5-1/2 FT. STRAW CANNON ASSEMBLY

ITEM	PART NO.	QTY.	DESCRIPTION
1	4800003	2	BOLT\HEX\3/8X1
2	4800277	1	BOLT\HEX\1/4X1
3	4900023	2	NUT\TPLCK\3/8\NC
4	4900084	1	NUT\TPLCK\1/4\NC
5	8101723	1	SPOUT\CANNON\5-1/2 FT
	NOT SHOWN		
	6500276	2	DECAL\LOGO\STRAW;CANNON
	8101746		**#5\STRAW\CANNON\KIT**

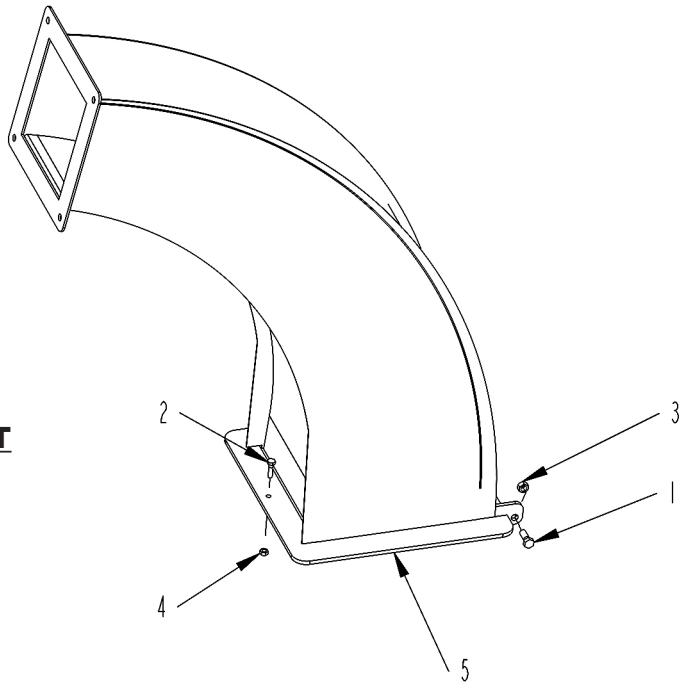
SPOUT HOSE BRACKET



SPOUT MINI-GUN



80 DEGREE SPOUT



SPOUT HOSE BRACKET

ITEM	PART NO.	QTY.	DESCRIPTION
1	4800003	4	BOLT\HEX\3/8X1
2	4900002	4	NUT\HEX\3/8\NC
3	5000019	4	WASH\LOCK\3/8
4	8101767	1	BRKT\HOSE\SPOUT

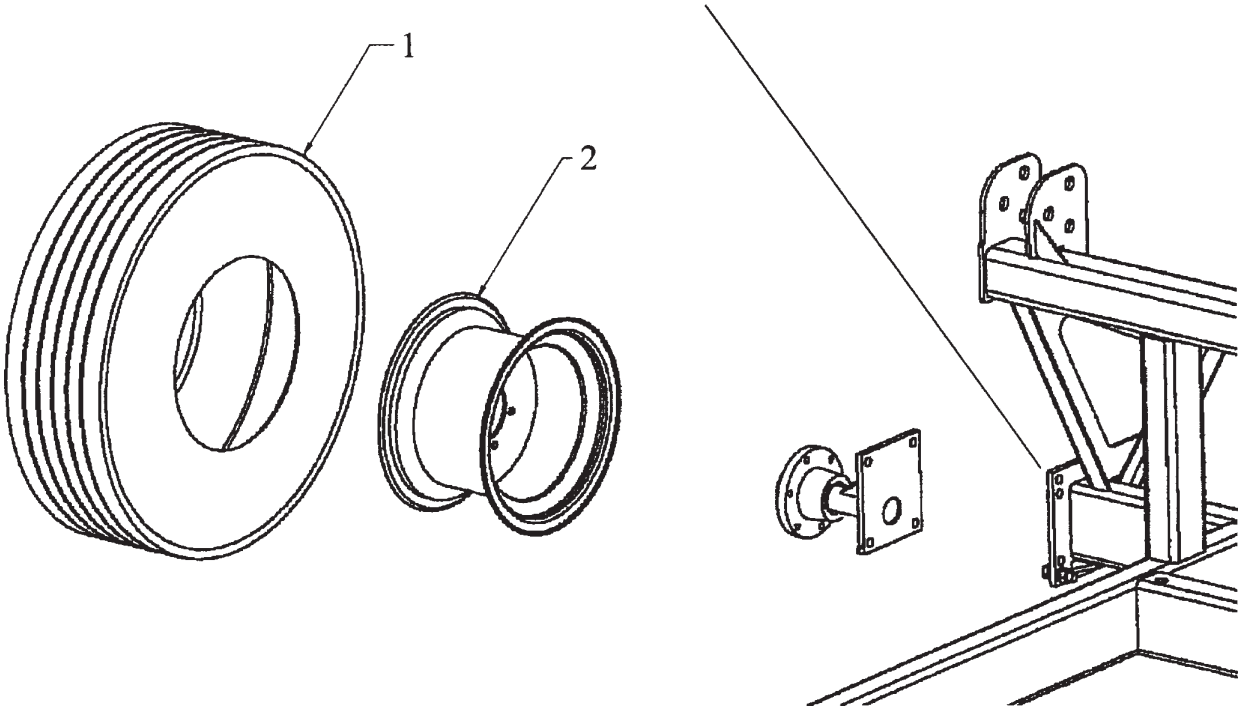
SPOUT MINI-GUN

ITEM	PART NO.	QTY.	DESCRIPTION
1	4800003	5	BOLT\HEX\3/8X1
2	4800034	2	BOLT\HEX\3/8X1-1/2
3	4900002	6	NUT\HEX\3/8\NC
4	4900023	1	NUT\TPLCK\3/8\NC
5	4900076	1	NUT\FLG\SERR\3/8\NC
6	5000001	7	WASH\FLAT\3/8
7	5000019	6	WASH\LOCK\3/8
8	8100247	1	BOLT\ADJ\SPOUT
9	8100299	1	STRAP\ADJ\SPOUT
10	8101768	1	SPOUT\MINI-GUN
11	8101769	1	DFLCTR\SPOUT\DISCH
12	8101776	2	BSH\SPOUT\11/16”
13	8101782	1	SPOUT\MINI-GUN\KIT

80 DEGREE SPOUT

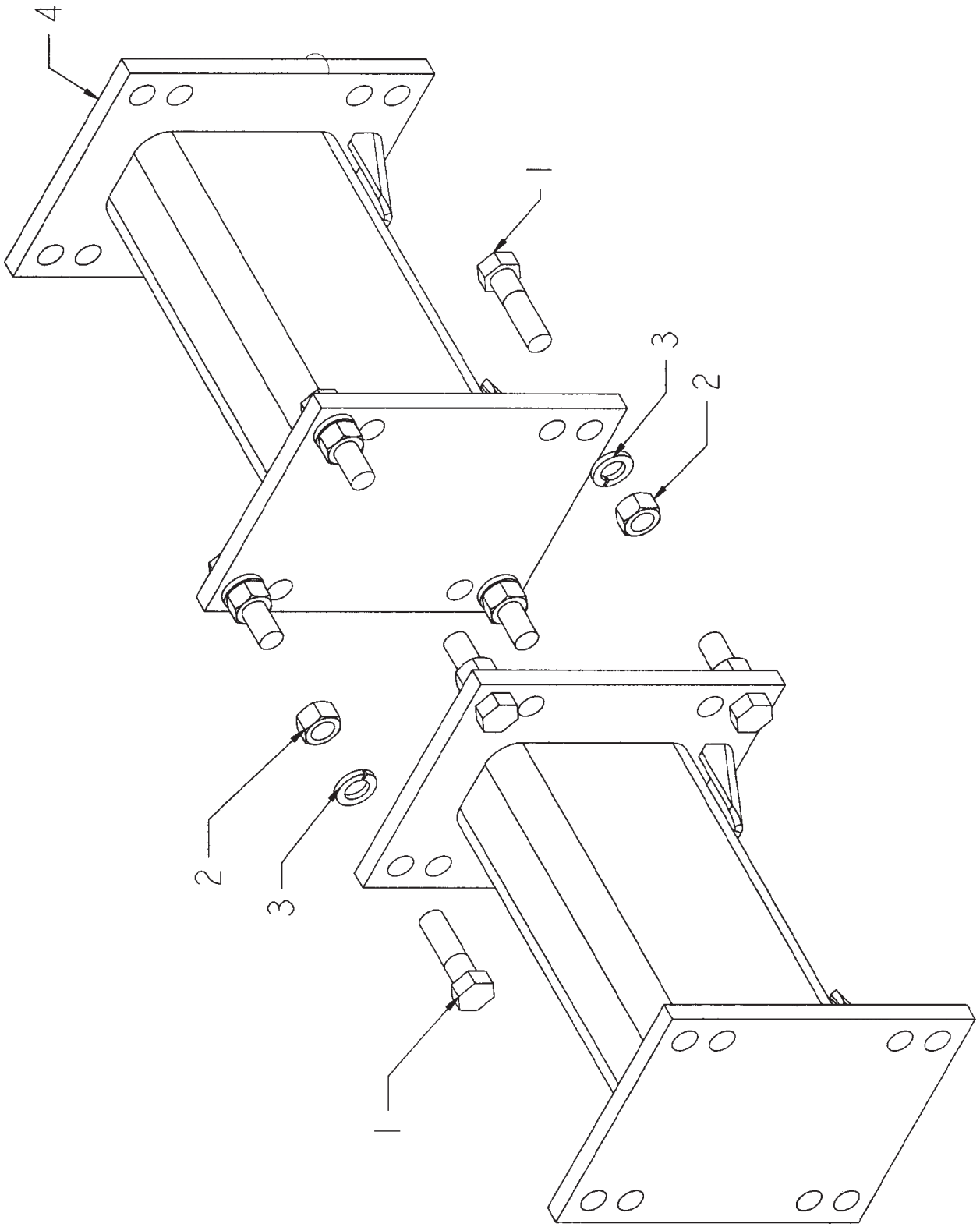
ITEM	PART NO.	QTY.	DESCRIPTION
1	4800003	2	BOLT\HEX\3/8X1
2	4800277	1	BOLT\HEX\1/4X1
3	4900023	2	NUT\TPLCK\3/8\NC
4	4900084	1	NUT\TPLCK\1/4\NC
5	8102049	1	SPOUT\3FT\HOSE\2564

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



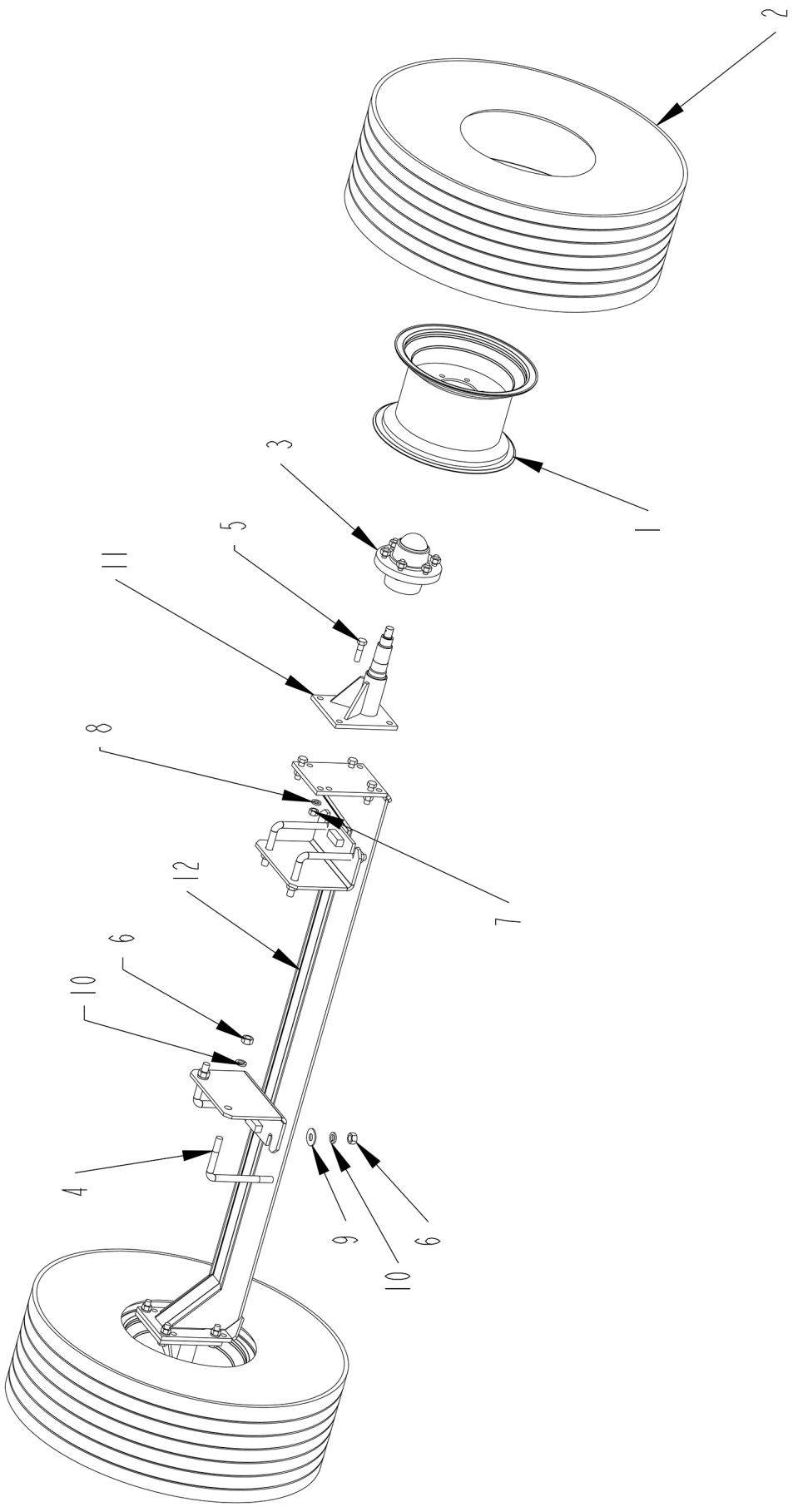
FLOTATION TIRE (OPTION)

ITEM	PART NO.	QTY.	DESCRIPTION
	2600849	1	WHL\IMP-2\ASSY\14LX16.1 Includes 2 each of items 1 and 2
2	2600846	2	TIRE\14LX16.1\8PLY
1	2600652	2	WHL\6-BOLT\16.1X11
1&2	2600848	2	WHL\IMP-1\ASSY\14LX16.1 Includes 1 each of items 1 and 2

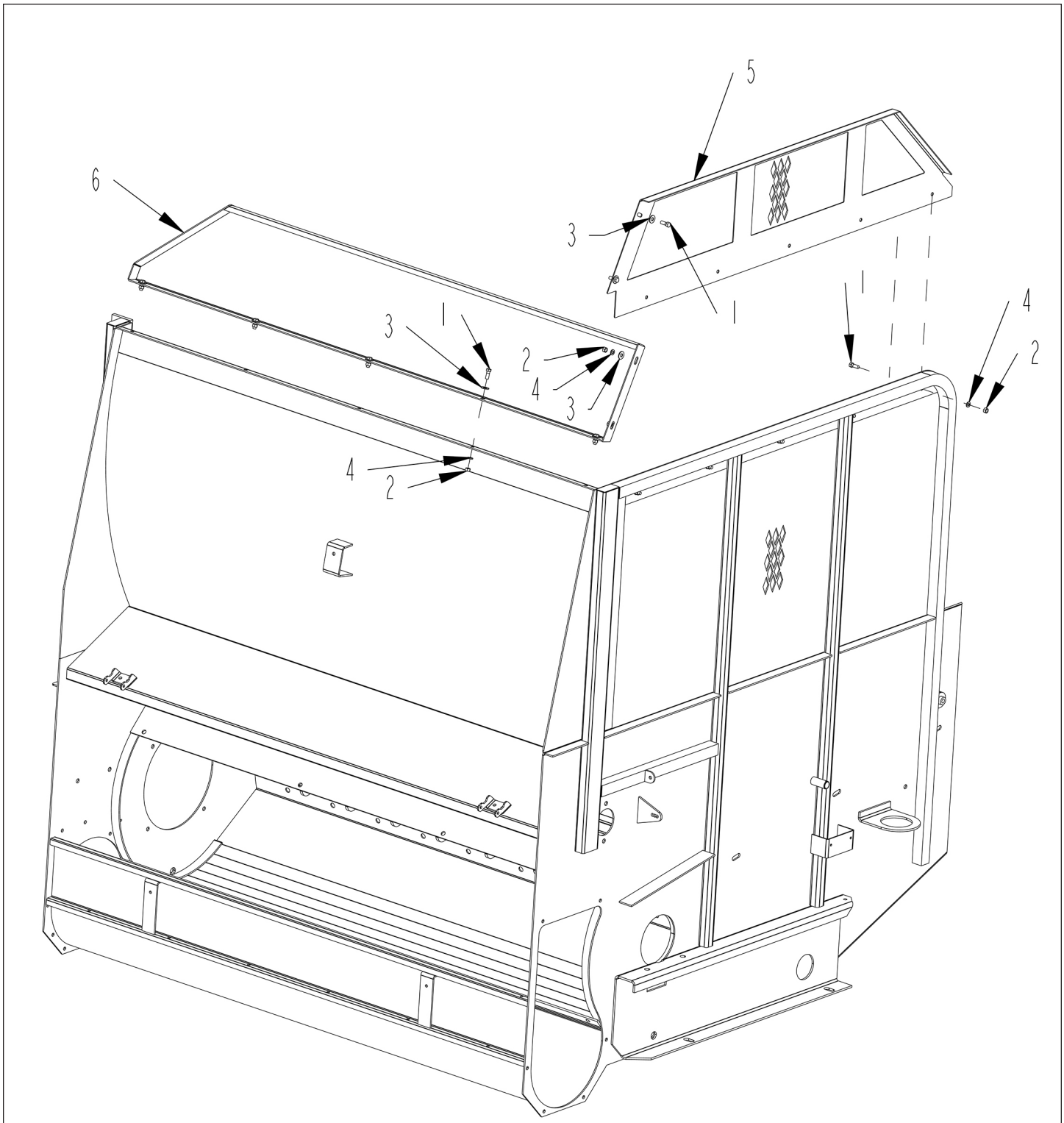

4
1
3
2
2
3
1

AXLE EXTENSIONS (OPTION)

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


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

ITEM	PART NO.	QTY.	DESCRIPTION
1	2600624	2	WHL\6-BOLT\15”X10”
2	2600041	2	TIRE\31X10.5X15\LOAD;C
3	2900171	2	HUB\6-BOLT\STUDS\COMPLETE
4	4800200	4	BOLT\L\3/4X5-1/4X8-1/4
5	4800350	8	BOLT\HEX\5/8X2-1/4
6	4900004	8	NUT\HEX\3/4\NC
7	4900005	8	NUT\HEX\5/8\NC
8	5000003	8	WASH\LOCK\5/8
9	5000005	4	WASH\FLAT\3/4
10	5000012	8	WASH\LOCK\3/4
11	8101828	2	SPNDL\BOLT-ON
12	8101972	1	AXLE\OPTION\2574
	8101912		**OPT\ASSY\AXLE\SECOND\2574**
	2600823		**WHL\HWY\31X10.5X15\TIRE&RIM>** (includes 1 ea. Of #1 & #2)
	8101958		**SPNDL\HUB\STUD\ASSY\>** (includes 1 ea. Of #3 & #11)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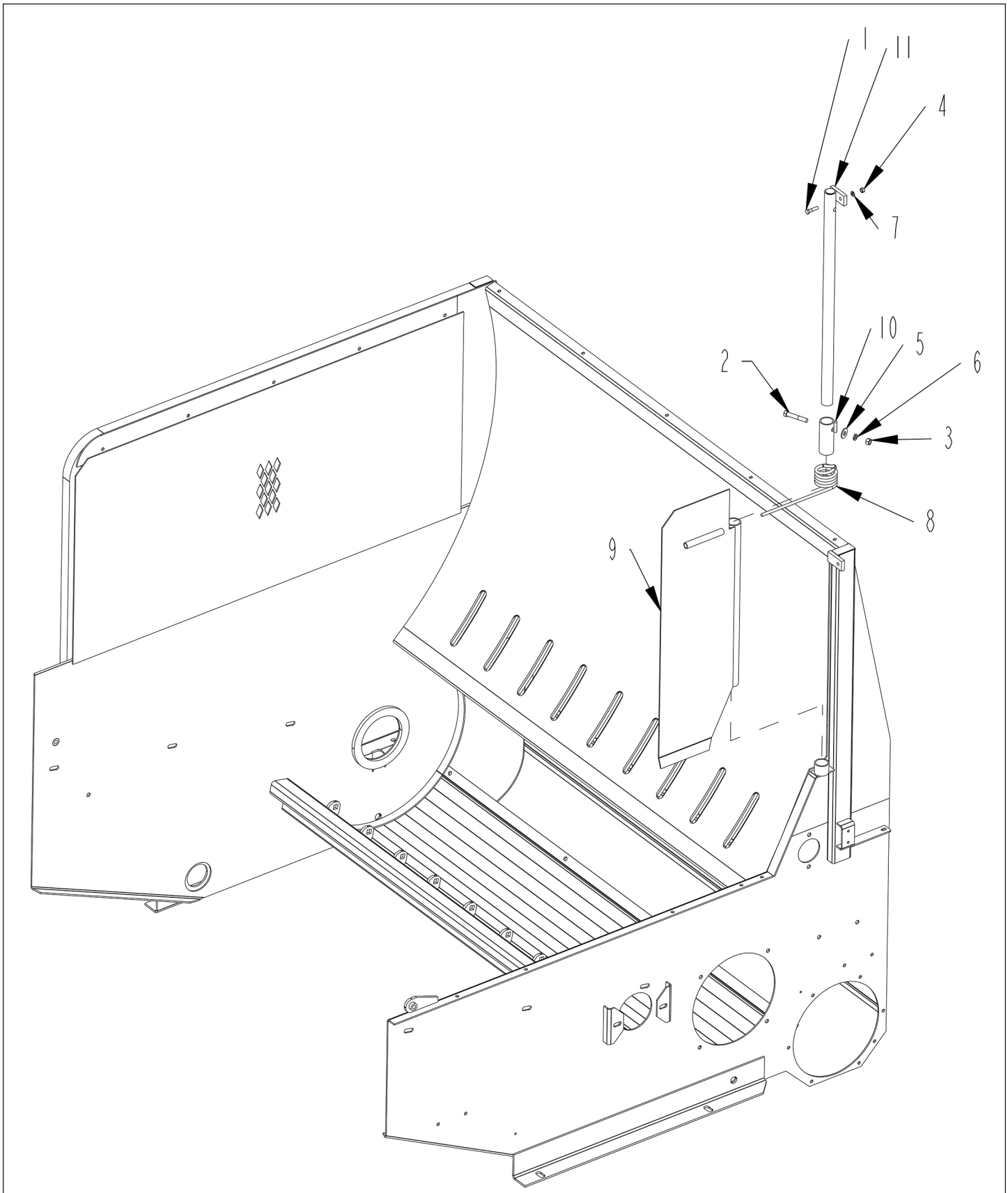
ITEM	PART NO.	QTY.	DESCRIPTION
1	4800003	12	BOLT\HEX\3/8X1
2	4900002	12	NUT\HEX\3/8\NC
3	5000001	9	WASH\FLAT\3/8
4	5000019	12	WASH\LOCK\3/8
5	8101977	1	SHLD\FR\SHREDDER
6	8101978	1	EXT\SIDE\SHREDDER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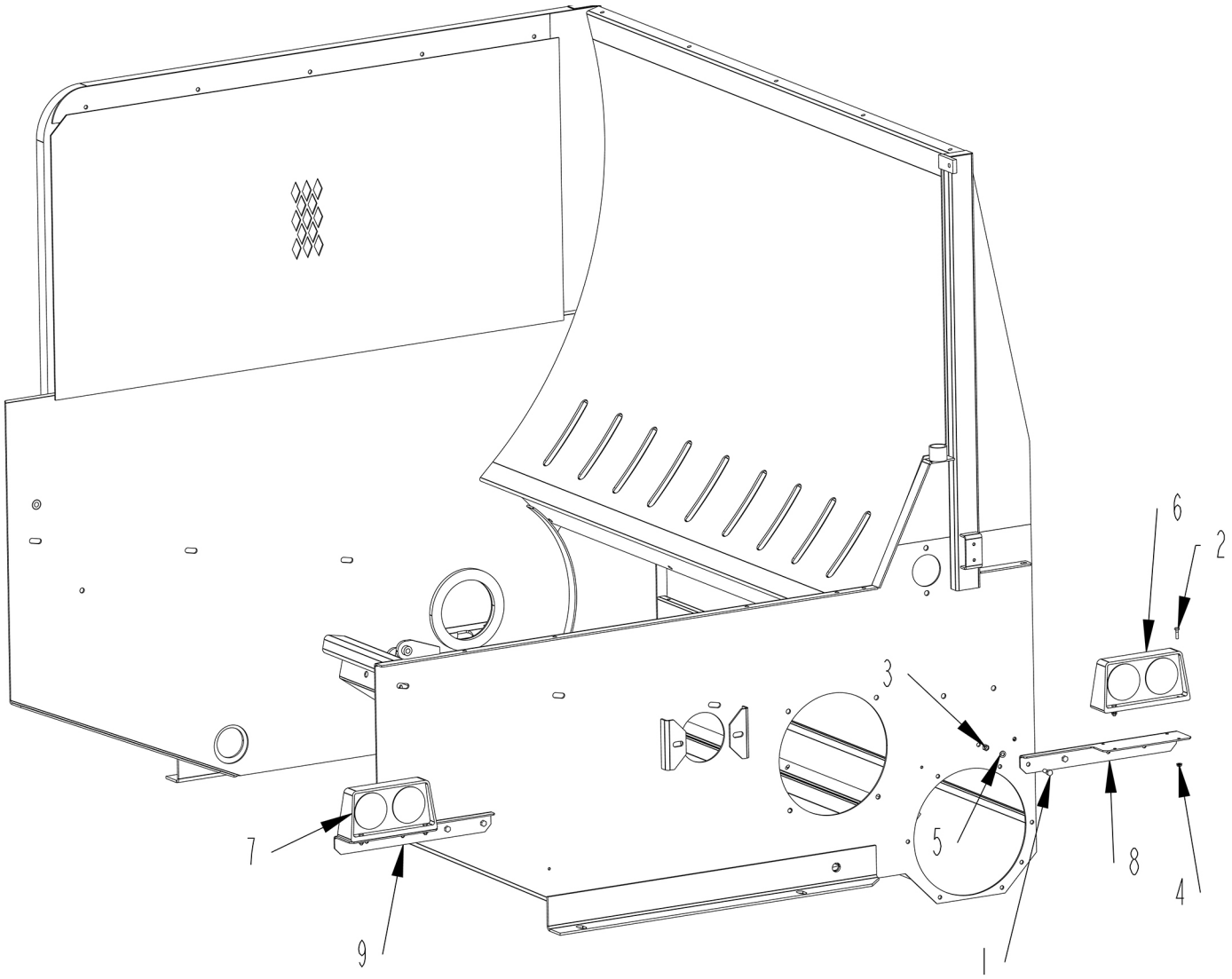
ITEM	PART NO.	QTY.	DESCRIPTION
1	4800034	1	BOLT\HEX\3/8X1-1/2
2	4800068	1	BOLT\HEX\1/2X3
3	4900001	1	NUT\HEX\1/2\NC
4	4900002	1	NUT\HEX\3/8\NC
5	5000004	1	WASH\FLAT\1/2
6	5000006	1	WASH\LOCK\1/2
7	5000019	1	WASH\LOCK\3/8
8	6100078	1	SPG\DR\TUB
9	8101980	1	FLAP-CON-KIT\2574
10	8101981	1	MNT\SPNG\CON-KIT\2574
11	8101982	1	MNT\FLAP\CON-KIT\2574
	8101983		**KIT\FLAP\CON\2574**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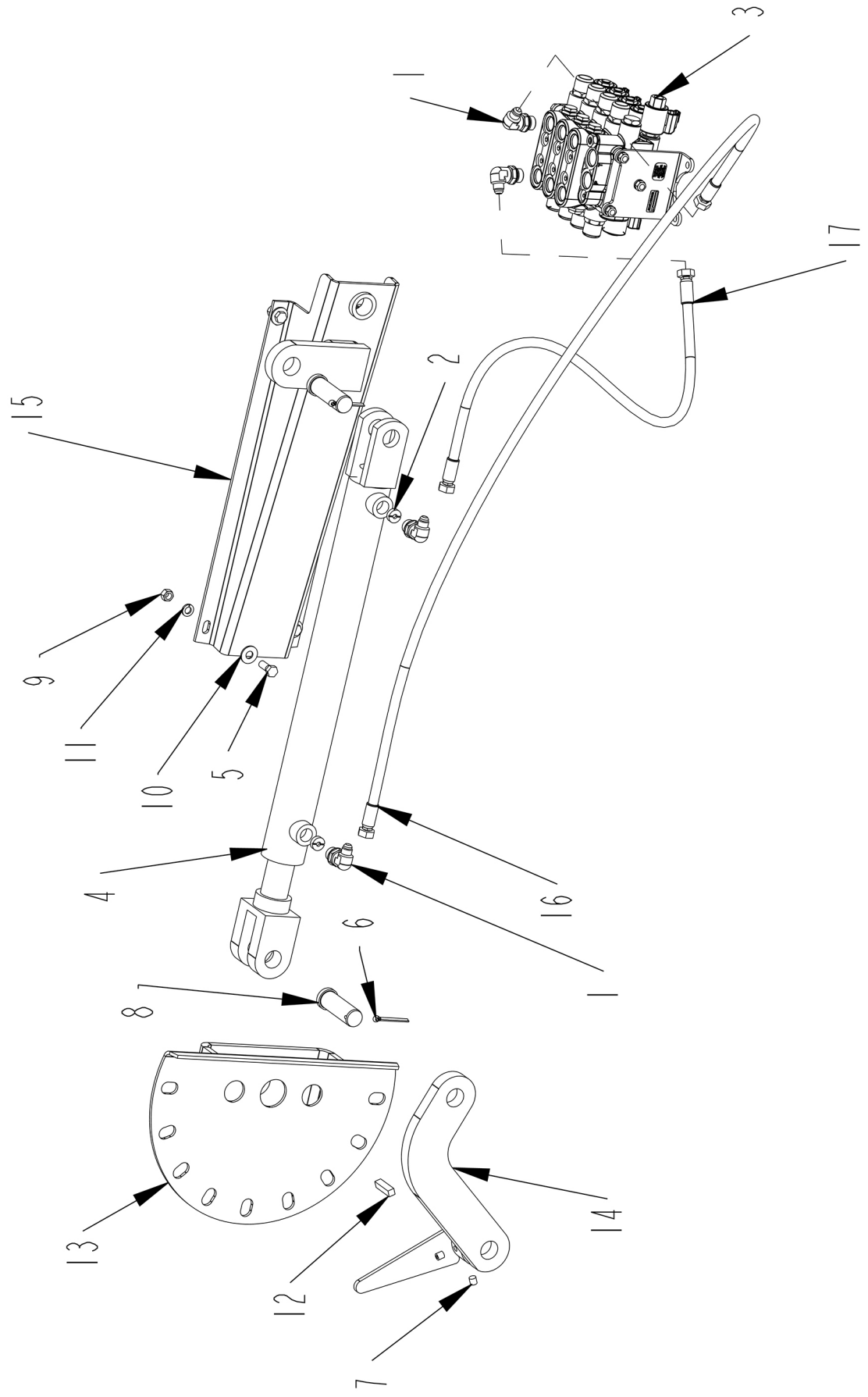
TAILLIGHTS - STANDARD MOUNTING

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	4900040	8	NUT\FLG\SERR\1/4\NC
5	5000019	4	WASH\LOCK\3/8
6	5701058	1	TAILLIGHT\RED;RIGHT\LED\ASSY\4PIN
7	5701059	1	TAILLIGHT\RED;LEFT\LED\ASSY\4PIN
8	8101527	1	BRKT\TAILLIGHT\2564\RH
9	8101528	1	BRKT\TAILLIGHT\2564\LH
	5701079		KIT\LIGHT\LED\2-LIGHT\4-PIN (Includes #6, #7 & 5700924 harness)
	8101529		**LIGHTS\TRAVEL\KIT\2564**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ITEM	PART NO.	QTY.	DESCRIPTION
1	3800453	4	FTG\3/4MORX9/16MJIC\90
2	3800683	2	FTG\3/4MOR\ORFICE\0.0490”
3	4000569	1	VLV\HYD\BRAND\4-BANK\00277
4	4100326	1	CYL\HYD\2X18\1-1/4ROD
5	4800003	4	BOLT\HEX\3/8X1
6	4800120	2	PIN\COT\3/16X1-3/4
7	4800143	2	SCR\SET\ALN\3/8X3/8\NC
8	4800185	2	PIN\CLEVIS\1X3
9	4900002	4	NUT\HEX\3/8\NC
10	5000001	4	WASH\FLAT\3/8
11	5000019	4	WASH\LOCK\3/8
12	6200021	1	KEY\SQ\3/8X1-1/2\HARDEND
13	8101038	1	BRKT\INDEX\SLUGBAR
14	8101880	1	MNT\CYL\HYD\SLGBR\2650
15	8101881	1	MNT\CYL\SHRDR\SLGBR
16	3701671	1	HOSE\HYD\1/4X98\9/16FJIC\9/16FJIC
17	3701672	1	HOSE\HYD\1/4X80\9/16FJIC\9/16FJIC
	8102140		**CNTRL\SLGBR\HYD\KIT\2574**

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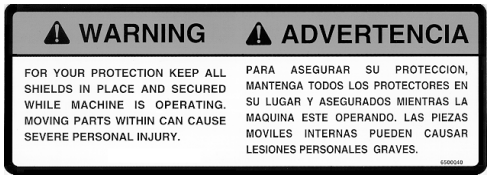

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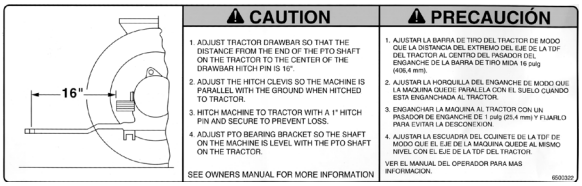

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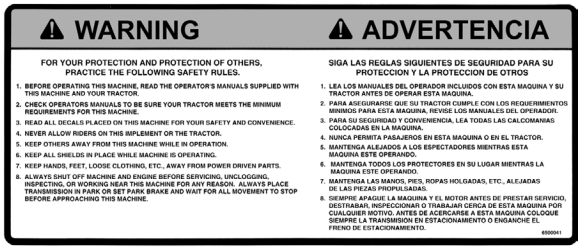

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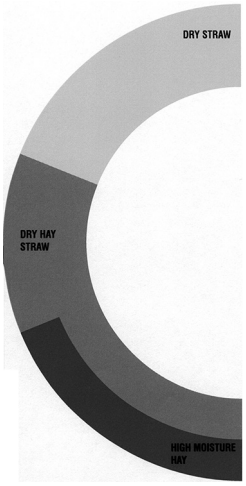
6500549



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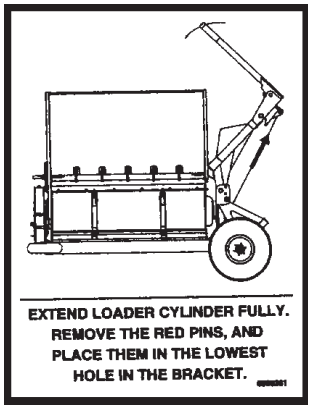

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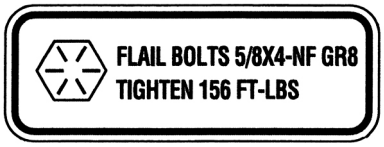

6500546

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7501353

6500488

ITEM	PART NO.	QTY.	DESCRIPTION
1	6500034	2	DECAL\DNGR\FLYG;HAY\RACK
2	6500035	1	DECAL\DNGR\ROTATNG;FLAILS
3	6500036	1	DECAL\INFO\BALE;ROTATIONARROW
4	6500040	2	DECAL\WARN\SHIELD\PROT
5	6500041	1	DECAL\WARN\PROTECTION
6	6500082	1	DECAL\WARN\ROTATN;PART;WITHIN
7	6500304	1	DECAL\LOGO\HYBSTR\1-3/4\W/SUNBURST
8	6500322	1	DECAL\CAUT\ADJ_DRAWBAR\16”
9	6500361	2	DECAL\PIN\LOADER\2650
10	6500417	9	DECAL\GREASE\10 HRS
11	6500418	1	DECAL\GREASE\40 HRS
12	6500434	5	DECAL\2X9\RED\REFCT
13	6500435	3	DECAL\2X9\AMBER\REFCT
14	6500488	3	DECAL\WARN\PARTS\MOVING
15	6500518	1	DECAL\INDEX\SLUGBAR\2574
16	6500542	2	DECAL\LOGO\2574W/STRIPE
17	6500546	1	DECAL\BOLTS\FLAIL\156 FT-LBS
18	6500549	1	DECAL\WARN\PPE\HEAD_EYE_EAR
19	7501353	1	SIGN\SMV\PLSTC-BCKNGWITH SPADE & BRKT

6500519 **DECAL\KIT\2574**

NOT SHOWN

7500077	12 OZ.	PAINT\YELLOW\SPRAY\12OZ
7500092	QUART	PAINT\YELLOW\QUART
7500091	GALLON	PAINT\YELLOW\GALLON
7500078	12 OZ.	PAINT\RED\SPRAY\11OZ>
7500105	QUART	PAINT\RED\QUART
7500104	GALLON	PAINT\RED\GALLON


6500434
6500542
6500034
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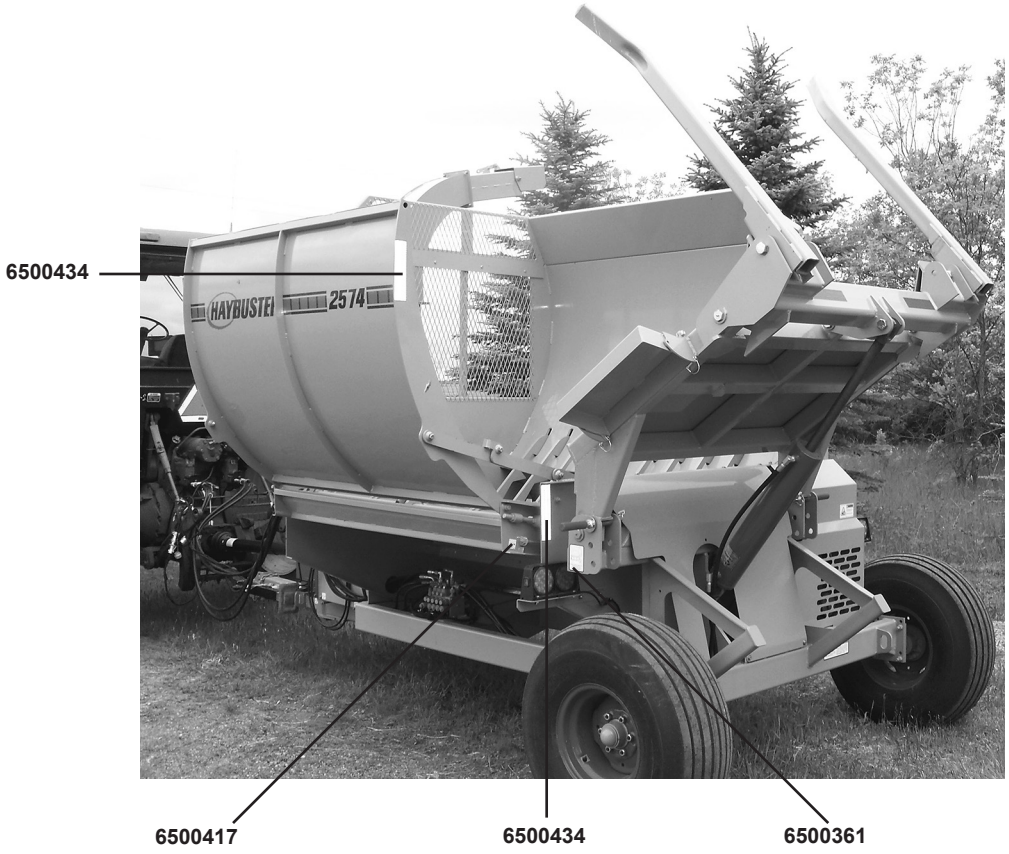
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HAYBUSTER
2574
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6500434
6500361


6500488
CAUTION
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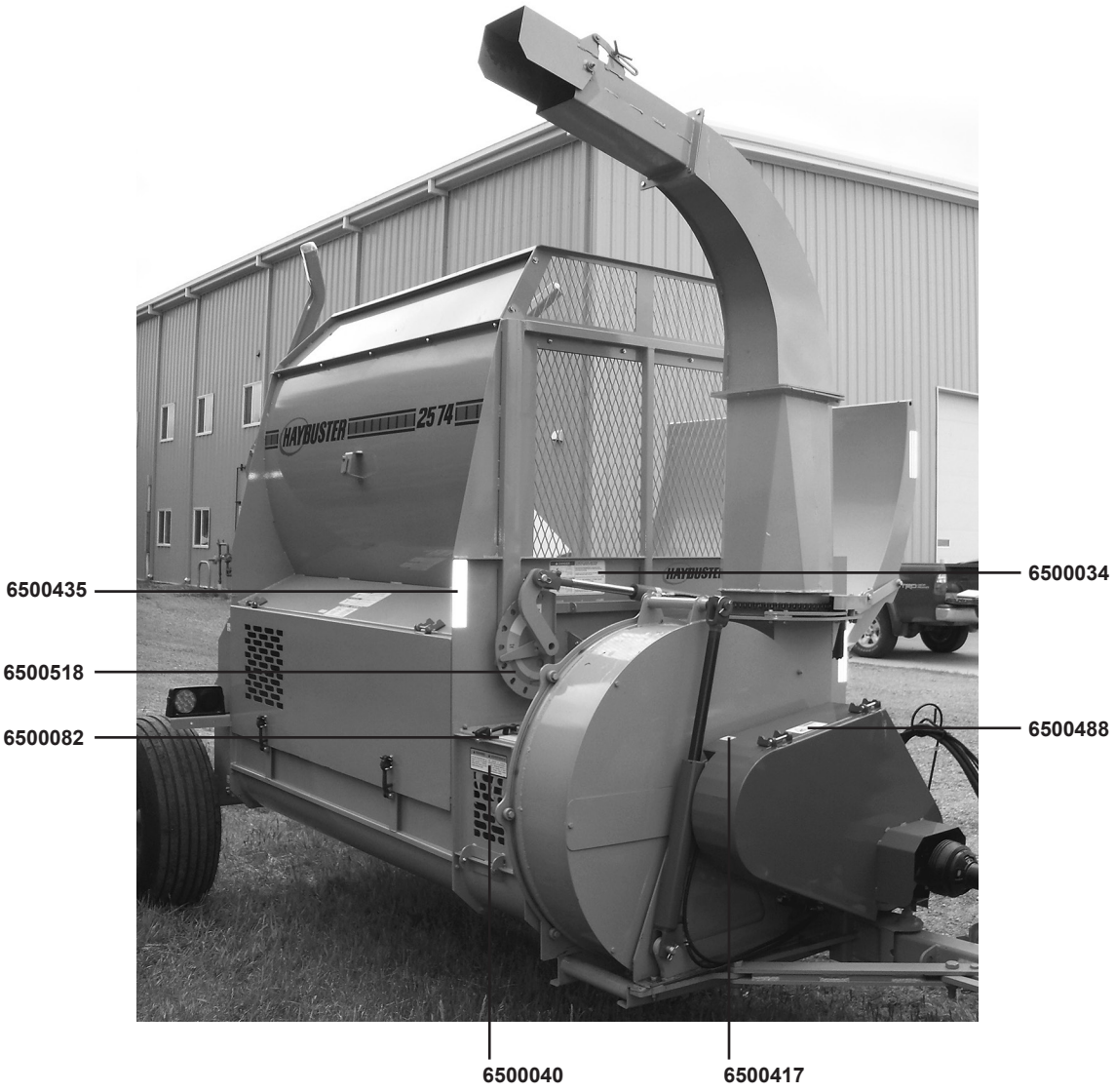
6500418
6500417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- Are the diagrams and illustrations correct?
- Do you need more illustrations?
- What features do you like most about the manual? What features do you like least?

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

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