HAYBUSTER®

572™ ROUND BALER

Operating Instructions and Parts Reference

DURATECH® INDUSTRIES
PO Box 1940, Jamestown, ND 58402-1940
MAY 2013
0500145

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572™ ROUND BALER

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 572 Round Baler 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 572 Round Baler.

- Foreword and Section 1, important safety information.
- Section 2.1, “Pre-Operation Inspection”.
- Section 3, “Machine operation,” which explains normal operation of the machine.

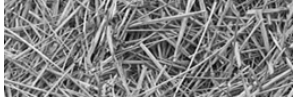
Appropriate use of unit

The 572 Round Baler is designed to produce round bales.

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 and those observing the operation of the 572 Round Baler are required to wear head, eye, and ear protection, No loose clothing is allowed.



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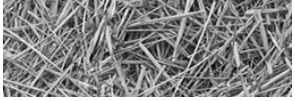

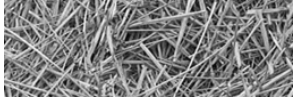

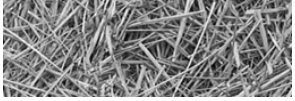

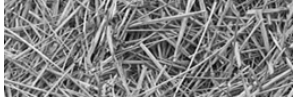

FOLDOUTS

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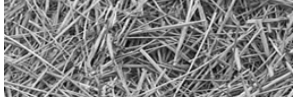
572™ ROUND BALER

Part 1: Operating Instructions



Introduction

The 572 Round Baler is designed to produce round bales.

To avoid possible damage to the machine and risk of injury to the operator, consult with a DuraTech Industries International, Inc. (DuraTech Industries) representative if you have any questions.

Purpose

The purpose of this owner's manual is to explain maintenance requirements and routine adjustments for the most efficient operation of your 572 Round Baler. 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: 572 Round Baler SERIAL NO. _____

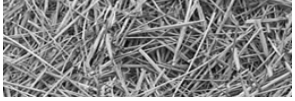
How to use this manual

Manual organization

This manual is organized into the following parts:

- **Part 1:** Operating Instructions
  - **Section 1:** Safety decals, safety instructions and information
  - **Section 2:** Describes pre-operating procedure.
  - **Section 3:** Describes how to operate the 572 Round Baler.
  - **Section 4:** Describes baler adjustments.
  - **Section 5:** Describes monitor use.
  - **Section 6 & 7:** Describes maintenence of the 572 Round Baler.
  - **Section 8:** Describes the options.

- **Part 2:** Part's reference contains diagrams of each assembly, with the part number of each part. A key on the same or facing page contains a description of the part and the quantity used.

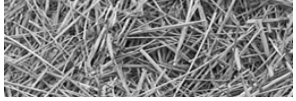


Dealer responsibilities

- 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 postcard. DuraTech Industries must receive this form before activating the warranty. Appendix A provides details of the warranty.

Operator responsibilities

- Note the important safety information in the Foreword and in Section 1, "Safety."
- Thoroughly review all sections of this manual. These sections will function as your textbook during the dealer-conducted training course that is required before you can use the unit.
- Manuals for certain allied supplier's components are provided separately. You should also be familiar with their contents.
- Keep copies of all manuals in a readily accessible location for future reference.



Section 1: Safety

The safety of the operator is of great importance to DuraTech Industries/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 572 ROUND BALER

1.1 Safety-alert symbols

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

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

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

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

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

Safety-Alert Symbol

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

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

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

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

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

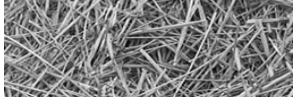
CAUTION: Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

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

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

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

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



1.2 Operator - personal equipment

THE OPERATOR

Physical Condition

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

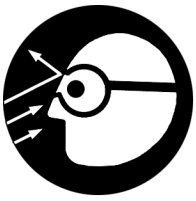
Do not operate a **572 Round Baler** when you are fatigued. Be alert - If you get tired while operating your **572 Round Baler,** take a break. Fatigue may result in loss of control. Working with any farm equipment can be strenuous. If you have any condition that might be aggravated by strenuous work, check with your doctor before operating

Proper Clothing

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

Protect your hands with gloves when handling hammers, screens, etc.. . Heavy-duty, 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 **572 Round Baler**.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: ROTATING PARTS WITHIN CAN KILL OR DISMEMBER. WAIT FOR ALL MOVEMENT TO STOP BEFORE SERVICING, UNLOADING, OR INSPECTING MACHINE.

6500082

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

DO NOT OPERATE WITHOUT

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

6500085

DANGER: TO PREVENT SERIOUS INJURY OR DEATH FROM MOVING PARTS:

- KEEP AWAY, MOVING PARTS CAN CRUSH AND DISMEMBER.
- DO NOT OPERATE WITHOUT GUARDS AND SHIELDS IN PLACE.
- DISCONNECT AND LOCKOUT POUER SOURCE BEFORE ADJUSTING AND SERVICING.

6500219

DANGER: ENGAGE TAILGATE LOCK BEFORE WORKING ON OR ARROUND BALER WITH TAILGATE IN RAISED POSITION.

STAND CLEAR BEFORE UNLOCKING TAILGATE LOCK. TAILGATE MAY CLOSE FASTER THAN YOU CAN MOVE AWAY.

FAILURE TO COMPLY WILL RESULT IN DEATH OR SERIOUS INJURY.

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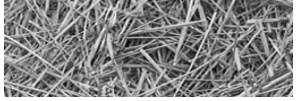


DANGER: STAND CLEAR OF SIDES AND REAR OF MACHINE.

TAILGATE OPENS FASTER THATN YOU CAN MOVE AWAY.

FAILURE TO COMPLY WILL RESULT IN DEATH OR SERIOUS INJURY.

6500469

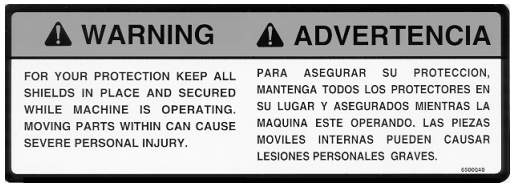
DANGER: TO AVOID INJURY OR DEATH BY BEING PULLED INTO THE MACHINE:

DISENGAGE PTO AND SHUT OFF ENGINE.

DO NOT PUSH CROP, FEED TWINE, UNPLUG, ADJUST OR SERVICE WITH EQUIPMENT RUNNING.

6500471

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

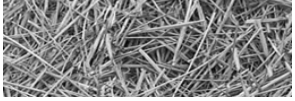


6500040

WARNING: HIGH-PRESSURE FLUID HAZARD, TO PREVENT SERIOUS INJURY OR DEATH:

- RELIEVE PRESSURE ON SYSTEM BEFORE REPAIRING OR ADJUSTING OR DISCONNECTING.
- WEAR PROPER HAND AND EYE PROTECTION WHEN SEARCHING FOR LEAKS. USE WOOD OR CARDBOARD INSTEAD OF HANDS.
- KEEP ALL COMPONENTS IN GOOD REPAIR.

6500220



WARNING: FOR YOUR PROTECTION AND SAFETY OF OTHERS, READ AND UNDERSTAND OPERATORS MANUAL BEFORE OPERATING MACHINE.

1. READ AND UNDERSTAND OPERATORS MANUAL BEFORE OPERATING MACHINE.

2. PLACE ALL CONTROLS IN NEUTRAL, STOP ENGINE, REMOVE IGNITION KEY, LOCK OUT POWER SOURCE, AND WAIT FOR ALL MOVEMENT TO STOP BEFORE SERVICING, ADJUSTING, REPAIRING, OR UNPLUGGING.

3. READ AND UNDERSTAND ALL DECALS ON MACHINE FOR YOUR SAFETY.

4. KEEP ALL SHIELDS IN PLACE WHILE MACHINE IS IN OPERATION.

5. KEEP HANDS, FEET, HAIR, AND CLOTHING AWAY FROM MOVING PARTS.

6. KEEP OTHERS AWAY FROM MACHINE WHILE IN OPERATION.

7. INSTALL SAFETY LOCKS BEFORE TRANSPORTING, OR WORKING BENEATH COMPONENTS.

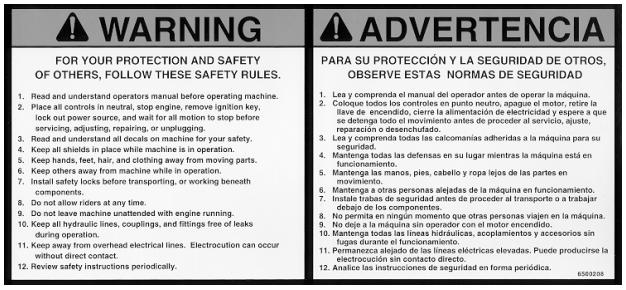
8. DO NOT ALLOW RIDERS AT ANY TIME.

9. DO NOT LEAVE MACHINE UNATTENDED WHILE ENGINE IS RUNNING.

10. KEEP ALL HYDRAULIC LINES, COUPLINGS, AND FITTINGS FREE OF LEAKS DURING OPERATION.

11. KEEP AWAY FROM OVERHEAD ELECTRICAL LINES. ELECTROCUTION CAN OCCUR WITHOUT DIRECT CONTACT.

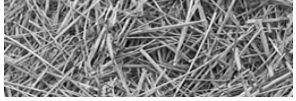
12. REVIEW SAFETY INSTRUCTIONS PERIODICALLY.



6500208

WARNING: PINCH POINT STAY BACK

6500339



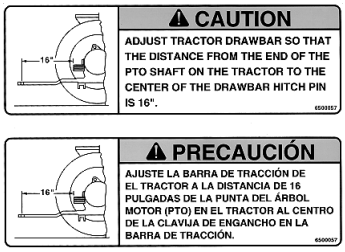
WARNING: NEVER PLACE BALES WHERE THEY COULD ROLL DOWNHILL.

BALES ARE HEAVY, LARGE AND ROUND.

FAILURE TO COMPLY WILL RESULT IN DEATH OR INJURY.

6500470

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

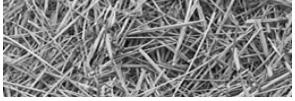


6500057

1.4 Shielding

This 572 Round Baler is equipped with shielding at all major points of potential injury. All Shields should be kept in place during operation. Bodily injury may occur if the unit is operated without shields.

WARNING: Shields are installed for your protection and to keep material off machine parts. Do not operate this baler without shields in place.



1.5 Safety review Section

BEFORE OPERATING

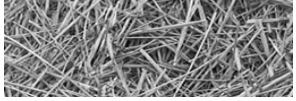
- Read and follow all instructions contained in:
  - a. This 572 Round Baler operator's manual
  - b. Tractor operator's manual
  - c. Decals placed on the 572 Round Baler.

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

- Allow only responsible, properly instructed individuals to operate your machine. Carefully supervise inexperienced operators.
- Use a tractor which meets the tractor requirement contained within this manual. Additional weights may be necessary.
- Make sure the machine is in good operating condition and that all protective shields are in place and in proper working order. Replace damaged shields before operating.
- Be sure all bystanders and other workers are clear before starting tractor and 572 Round Baler.
- Make no modifications to the machine unless specifically recommended or requested by DuraTech Industries.
- Check periodically for breaks or unusual wear and make any necessary repairs.
- Be sure the unit is securely attached to a tractor of equal or greater weight than the 572 Round Baler and bale.
- If required install P.T.O. safety chain, check local regulations regarding safety chain requirements.

DURING OPERATION

- Enforce the following safety precautions and others contained in this manual to prevent serious personal injury or death due to accidental contact with rotating flails.
  - a. Everyone must be kept clear of work area except operator seated at tractor controls.
  - b. Disengage P.T.O. and make sure everyone is clear of machine before starting engine.
- Enforce the following safety precautions and others contained in this manual to prevent injury due to accidental contact with flying material thrown by flails.
  - a. Keep bystanders away from work area.
  - b. Keep shield in place and in good condition.
  - c. Watch out for and avoid any object that might interfere with the proper operation of the machine.
  - d. Replace missing or damaged parts.



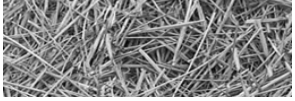
- Power takeoff shafts must be locked in place with protective P.T.O. shields in place.
- Keep hands, feet and clothing away from power driven parts.
- Never leave tractor controls unattended while the engine is running.
- Never allow riders on the machine at any time.
- Be sure the tractor operator is the only person riding on the tractor.
- Exercise extreme care when operating on rough and/or steep terrain. Avoid operation on terrain which is excessively rough or steep.
- Make sure your tractor P.T.O. speed never exceeds 1000 rpm.

DURING SERVICE & MAINTENANCE

- Before working on or near the 572 Round Baler for any reason, including servicing, cleaning, unplugging or inspecting machine, use normal shut-down procedures unless instructed differently in this manual.
- Never work on or near 572 Round Baler unless engine is shut off and all movement has stopped.
- Check periodically and tighten any loose bolts or connections.
- Use only replacement parts that are recommended by DuraTech Industries.
- If it is necessary to operate the tractor engine indoors for more than a few seconds, be sure to provide enough ventilation to remove the tractor exhaust fumes.
- Hydraulic fluid escaping under pressure can be invisible and have enough force to penetrate the skin. When searching for a suspected leak, use a piece of wood or cardboard rather than your hands. If injured, seek medical attention immediately to prevent serious infection or reaction.
- Relieve all pressure in the hydraulic system before disconnecting the hose or performing other work on the system. Make sure all connections are tight and the hose is in good condition before applying pressure to the system.

1.6 Towing/road transport

- Do not exceed 20 MPH (32 KPH) when towing the 572 Round Baler.
- Do not tow the 572 Round Baler with a bale in the bale chamber.
- Raise and secure the pickup in its highest position.
- Make sure all taillights are operating properly.
- Make sure the SMV, lights and reflective tape are clean and clearly visible.
- Know local, state or provincial laws and regulations for restrictions on public roads.



1.7 Fire prevention

Baling hay can produce large amounts of potentially combustible materials during the process. The risk of fire can be significantly reduced with proper operating and maintenance procedures. This does include frequent removal of dust, debris, and combustible materials.

Most products baled can produce fine dusty material. The baling process can produce heat from bearings, chains and gearboxes. For a fire to start, fuel, oxygen and heat in large quantity must be present. Keep chains lubricated to run cool, and bearings in top shape to limit the fire hazard.

Cleaning Instructions:

Clean the baler daily or more often if conditions require. Be specifically cautious in the bearing, chain, and gearbox areas. Remove material that may be packed tight near bearings and other rotating components that can cause friction and build up heat. Repair any hydraulic leaks as they are discovered. Clean up spills immediately. Oil soaked materials can contribute significantly to the rapid spread of fire once it begins.

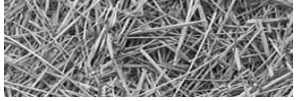
Fire Extinguishers:

Fire extinguishers are provided on the Haybuster round baler. The extinguishers are ABC dry chemical extinguisers that are appropriate for use with materials normally encountered on a round baler.

If a fire does start, **CALL THE LOCAL FIRE DEPARTMENT IMMEDIATELY.** Then, use the fire extinguisher if you feel confident that you can extinguish the fire. A 10# extinguisher will last about 15-20 seconds, and a 20# extinguisher will last about 20-24 seconds, so they will not stop a large fire.

When using a fire extinguisher, use the P A S S method:

- **A**pproach the fire with the wind at your back.
- **P**ull the pin,
- **A**im the spout,
- **S**queeze the trigger, and
- **S**weep along the base of the fire from about 6-8 feet away.



Section 2: Pre-Operating

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

To insure the long life and economical operation, learn how to operate the 572 Round Baler and how to use the controls properly. Thoroughly instruct the operator in maintenance and operation of the 572 Round Baler.

2.1 Pre-Operating Inspection

Prior to the starting the 572 Round Baler, make a visual inspection of the machine. This can be done when lubricating the machine. Any items that are worn, broken, missing or needing adjustment must be serviced accordingly before operating the 572 Round Baler.

WARNING: Before inspecting the machine, use the normal shutdown procedure (Section 3.1).

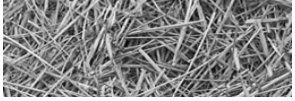
BEFORE OPERATING CHECKS

Before operating the 572 Round Baler, follow these instructions:

- ❑ Read and understand the operator's manual.
- ❑ Learn how to operate the controls properly. Do not let anyone operate without instruction.
- ❑ Know the machine's safety features and understand the safety precautions.
- ❑ Be sure the machine is hitched properly to the tractor.
- ❑ Be sure to lubricate all lubrication points. (See Section 6)
- ❑ Check for loose bolts, worn and broken parts.
- ❑ Make sure machine is properly adjusted.
- ❑ Check hydraulic components for leaks or damage.

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

- ❑ Check all bearings for wear.
- ❑ Check chains and belts for proper tension and condition.
- ❑ Make sure all shields and guards are in place.



- ❑ Check condition of decals. Replace if excessively worn.
- ❑ Check lug nuts for tightness. A minimum of 120 ft.-lbs.
- ❑ Check conditions of the tire rims.
- ❑ Check tires for proper air pressure of 25 psi.
- ❑ Remove any buildup of material on the pickup and rotating parts.
- ❑ Make sure the SMV sign is installed.

Section 3: Baler Operation

When operating the 572 Round Baler make sure that everyone is clear and/or at a safe distance from the tractor and baler. No one other than the operator should ride the tractor or baler. NO RIDERS!

3.1 Normal shutdown procedure

For your safety and the safety of others, you must use the following normal shut-down procedure before leaving the tractor controls unattended for any reason, including servicing, cleaning, or inspecting the 572 Round Baler. A variation of the following procedure may be used if so instructed within this manual or your tractor manual or if an extreme emergency requires it.

a. Disengage PTO

b. Lower tailgate and pickup to ground.

c. Place transmission in park and set brake.

d. Shut off engine and remove key.

e. Wait for all movement to stop.

3.2 Tractor Setup

A tractor drawbar and 3 point arms can cause interference with the PTO driveline. This interference can cause serious damage to the guarding and the telescoping members of the driveline.

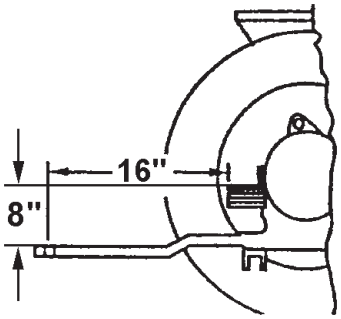
If this implement is attached to a tractor with a clevis hitch style drawbar, the hammer-strap must be removed to prevent damage to the guarding and telescoping members of the driveline.

If this implement is attached to a tractor with an offset drawbar, be certain it is in the down position to prevent damage to the guarding and telescoping members. If this implement is attached to a tractor with a 3 point hitch, the arms must be fully raised and locked in position.

3.2.1 Drawbar Adjustment

The distance from the end of the PTO to the center of the drawbar pin hole should be 16”, and the height from the top of drawbar to centerline of the PTO should be 8”.

Figure 3.1
Safe P.T.O. distance



3.2.2 Hitching to Tractor

1. Adjust jack for tractor height.
2. Position tractor so hitch pin can be installed, and install pin. The hitch pin should be sized to prevent excessive movement and should extend through all components of the hitch. The pin should be secured with a hairpin clip or suitable device to prevent loss of pin.
3. Adjust jack so that jack stand is loose. Then place jackstand in the raised and locked position.
4. Attach PTO to tractor. Depress coupling and slide the coupling onto the spliced shaft. Make sure the spring loaded safety catch is properly seated.
5. If required, install the safety chain. Check local regulations regarding safety chain requirements.
6. Clean off hydraulic hose ends and tractor couplings, then attach hoses to tractor.
7. Verify hydraulic hoses are hooked up in proper orientation.

3.2.3 Closed or Open Center Tractor hydraulics

Check specification on tractor to determine if it uses closed or open center hydraulics. Switch control valve on baler to match tractor specification by rotating valve knob shown.

Step 1: Loosen jam nut.

Step 2: Turn set screw fully counter-clockwise for open center, or fully clockwise for closed center.

Step 3: Tighten jam nut.

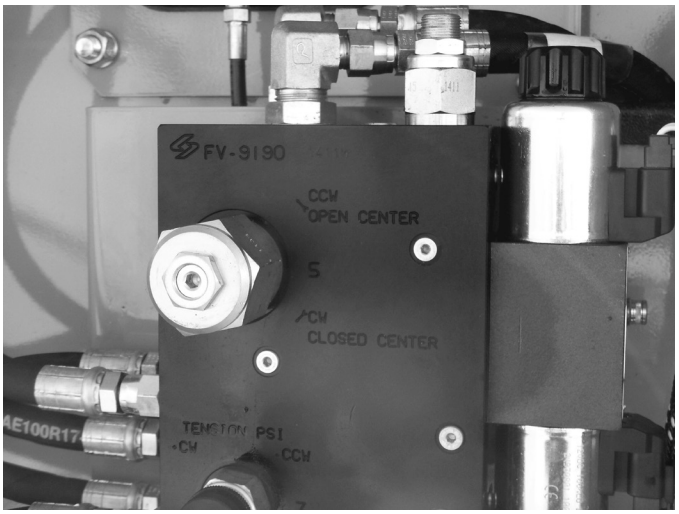
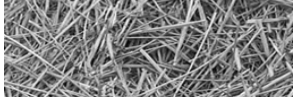


Figure 3.2
Selecting closed or open center tractor hydraulics

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.



3.2.4 Adjusting Hydraulic Outlets

The tractor must be equipped with 2 double acting control valves, 1 valve for control valve, and 1 valve to lift the pickup. Recommended hydraulic flow is 8 to 12 gallons per minute.

The round baler has a hydraulic control system that requires locking one of the tractors hydraulic control valves continuously. The large pair of hoses control the tying, wrapping, and gate functions on the baler, the smaller pair of hoses raise and lower the pickup. To engage hydraulics so switches function correctly, turn on and lock this control valve on tractor and try to manually activate twine arm. If arm fails to move, reverse hoses at control valve or operate control valve in the opposite position on the tractor. Try again to verify functionality.

3.2.5 Installing Monitor

The Plus-1 Monitor for the round baler should be mounted in a convenient easy to reach location enabling the operator to monitor baler performance. The monitor requires a 12 Volt power source. On newer tractors, the harness is equipped with a 3 prong plug for easy power access. On older equipment, an extension harness may be purchased for powering directly from the battery or a mounted power strip.

3.2.6 Taillights

The 572 Round Baler is equipped with a set of taillights. The taillight harness uses a 4-pin connector to connect the baler to the tractor electrical outlet.

3.3 Baler Setup

3.3.1 Twine

Select a good quality twine for round baling. This is a very important step to enhance the performance of the tying operation and also for transporting, handling and storing your valuable hay crop.

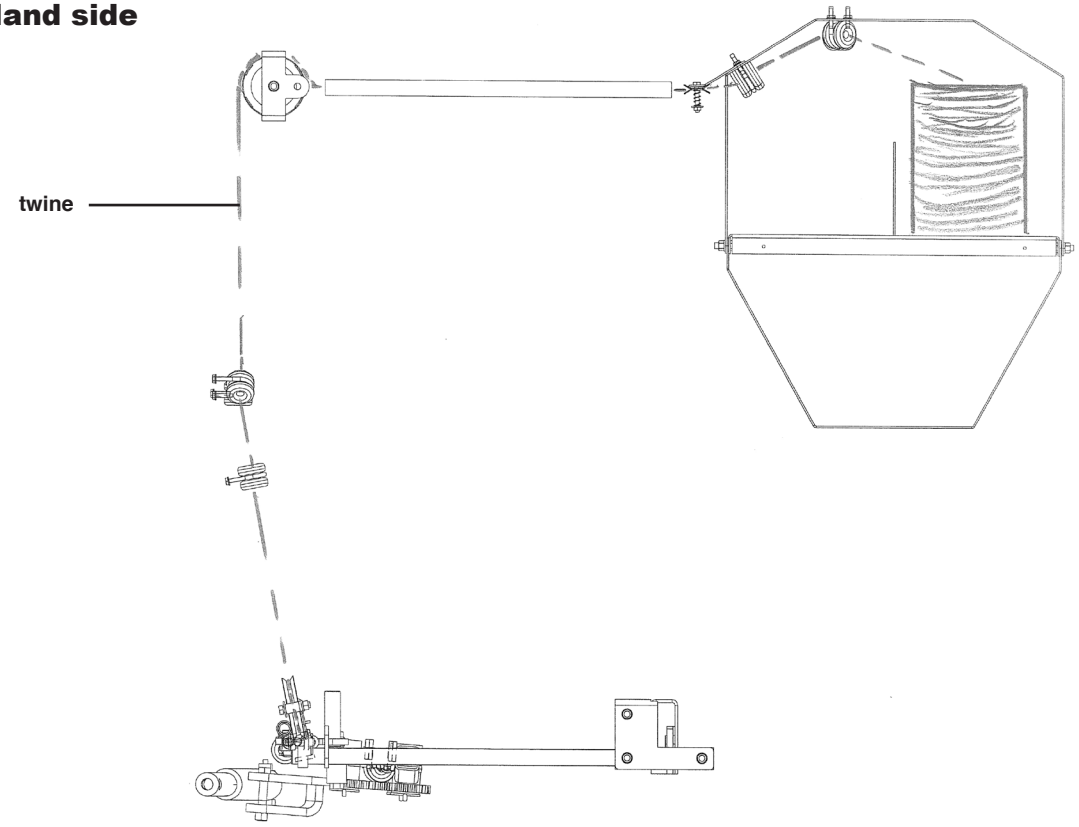
3.3.2 Twine Box

The 572 Round Baler is equipped to handle three balls of twine on each side of the baler. Join the twine balls together by tying the inside end of one ball to the outside end of the other ball. Most twine balls are labeled for your convenience. Make sure to trim off all loose ends of knots to ease threading of twine at the seam.

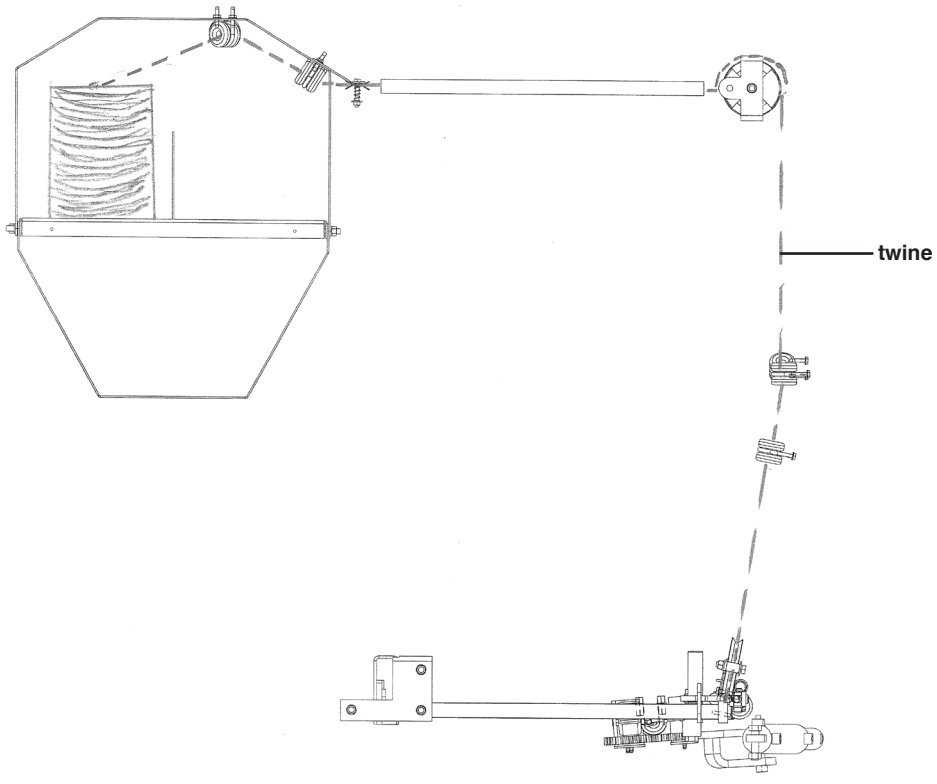
3.3.3 Twine Routing

The routing for the twine is depicted in the following pictures.

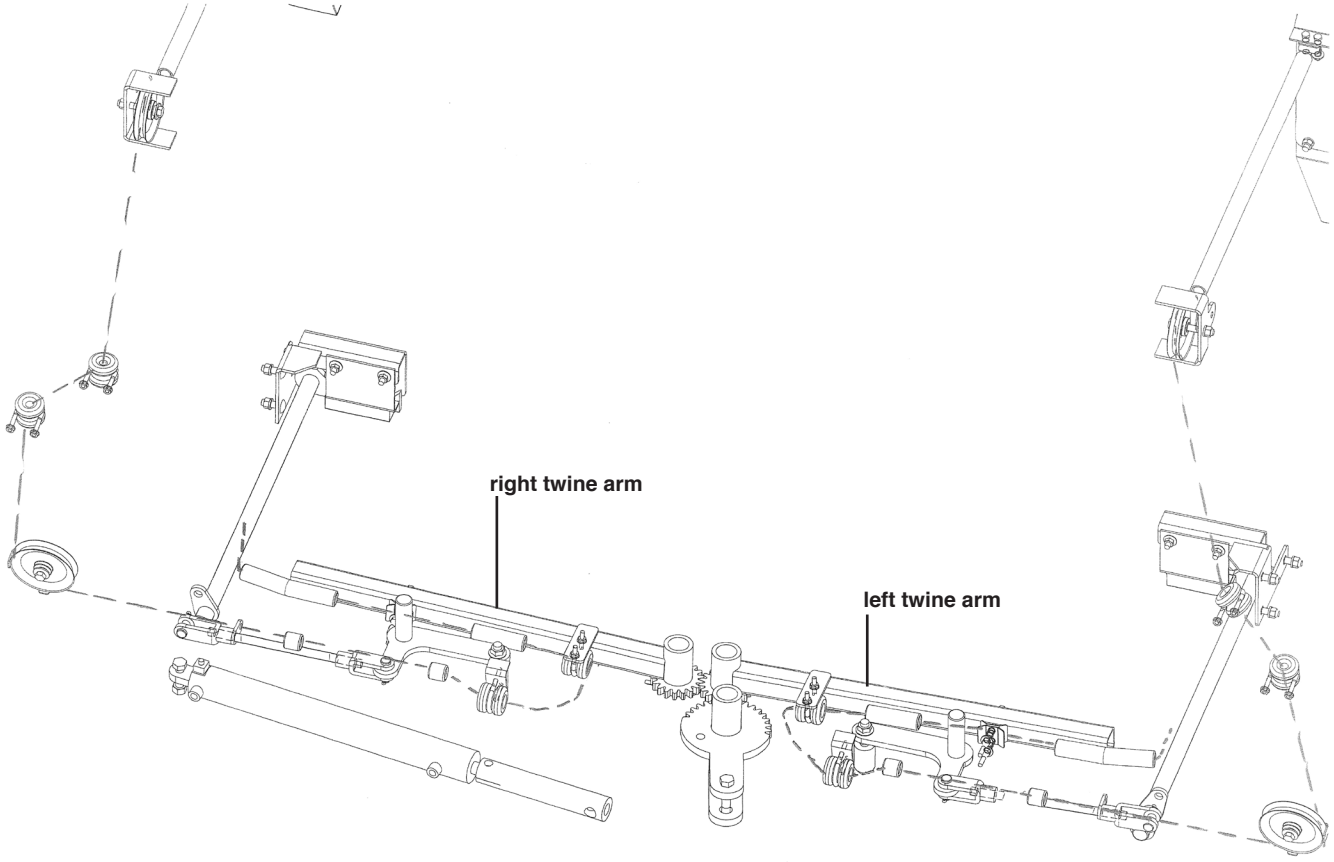
Left-Hand side

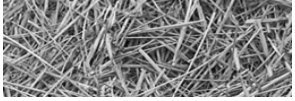


Right-Hand side



Routing through dual twine arms





3.3.4 Wheel Nut Torque (lug bolts)

Wheel nuts need to have a torque minimum of 120 ft.-lbs.

3.3.5 Tires and rims

Tires should be inflated to 25 PSI and should be free of cuts or cracks. There should also be adequate tread and no visible cords, wires or tread separation. Tires must also be of proper load rating. Speed rating and size.

Rims must be free of cracks and rust pitting. Lug bolts must also be tight (minimum torque of 120 ft.-lbs.) 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 yearly.

3.4 Crop Preparation and Windrow Preparation

In preparing a crop for baling, consider the following to maximize the performance of the 572 Round Baler:

1. Make windrows slightly narrower than the width of the baler. This will enhance the feeding and prevent plugging of windrows that are wider than the throat of the baler. OR make windrows up to one half the width of the baler pickup and weave from left to right to form the bale.
2. Wait for the hay moisture content to be 20% or drier before baling.

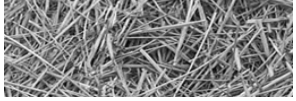
3.5 To avoid plugging the baler

1. To help avoid plugging the baler, remove all obstruction such as sticks, stones, metal objects, etc. prior to baling.
2. Match speed with crop conditions and windrow size.
3. Keep the baler properly adjusted at all times.
4. Keep gauge wheels adjusted so the pickup won't hit the ground. (see Section 4.4) This will cause damage to the pickup teeth and could dislodge stones and other materials.

3.6 Unplugging the baler

WARNING: Use normal shut down procedure (Section 3.1) before unplugging the baler. Serious injuries will occur if you do not follow the procedure.

DANGER: Engage tailgate lock and install cylinder stop before working on or around baler with tailgate in raised position.



3.7 Road Transport

3.7.1 Preparing baler for transport

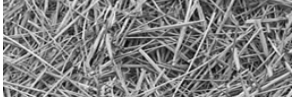
1. Empty bale chamber.
2. Close tailgate completely
3. Raise pickup fully.
4. Clean SMV, reflectors, warning lights and make sure they operate with the tractor.
5. Check that safety chain is attached to the drawbar of the tractor or towing vehicle.
6. If transporting with another vehicle, remove PTO driveline assembly and secure machine half of PTO to hitch of baler.

3.8 Unhitching from the tractor

CAUTION: Park the baler on level ground and block the wheels to prevent it from rolling.

To disconnect the 572 Round Baler from the tractor, preform the following steps:

1. Park the 572 Round Baler and tractor on a level spot.
2. Lower the jack to the ground, place blocks under jack if ground is soft.
3. Cycle the hydraulic controls to release any pressure in the hydraulic hoses. Disconnect hydraulic lines.
4. Disconnect electrical wires.
5. Disconnect PTO, place shaft in shaft holder.
6. Raise the hitch of the 572 Round Baler to remove the weight from the tractor hitch by adjusting the jack.
7. Remove hitch pin and safety chains. Place block under tires to prevent the baler from rolling.
8. Drive tractor away slowly.



3.9 Storing the 572 Round Baler

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

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

1. Clean the machine thoroughly to prevent rust and to make inspections easier.
2. Check for loose or worn chains, belts, sprockets and pulleys.
3. Check condition of the bearings.
4. Coat exposed cylinders rods with grease. Oil chains, lubricate thoroughly according to lubricating instructions.
5. Place blocks under tires to prevent baler from rolling.

3.10 Removing the 572 Round Baler from storage

To prepare the unit for use after storage, perform the following steps:

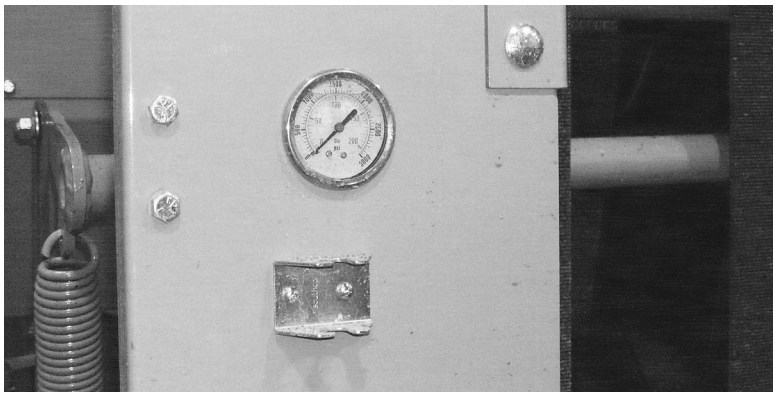
1. Remove all protective coverings.
2. Remove blocks from under tires of baler.
3. Follow the pre-operating instructions. (Section 2)

Section 4: Baler Adjustment

4.1 Bale Density Gauge

The bale density gauge is a visual reading of the pressure being exerted by the tension circuit which determines the amount of hay being put into the bale. The lower the reading, the less hay and softer bale you will make. The higher the reading, the more hay and harder bale will be made. The gauge is located on the right hand front shield of the baler.

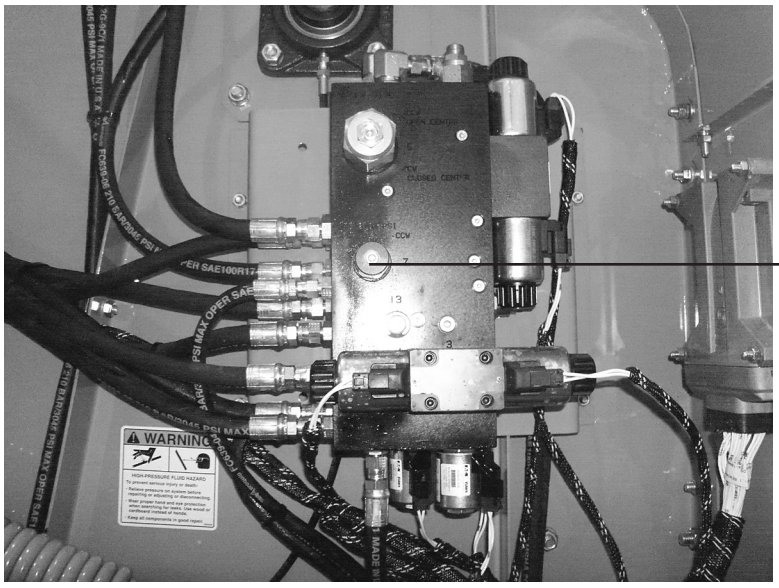
Figure 4.1
Bale density gauge



4.2 Adjusting Bale Density

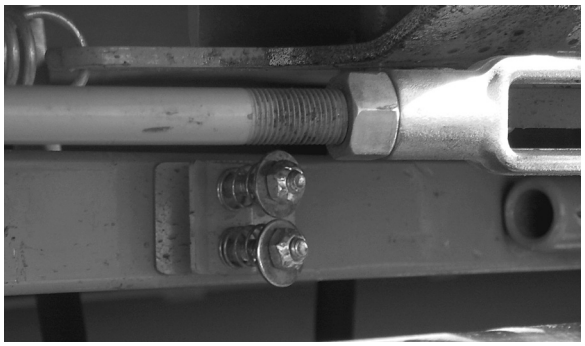
The operator may adjust the bale density by changing the relief valve setting on the control valve. Open the right hand service door of the baler to find the valve. For higher density turn clockwise and for lower density turn counter-clockwise.

Figure 4.2
Bale density adjustment



4.3 Adjusting twine tension

The tension put on the twine as it is pulled off the ball will determine how tightly it is applied to the bale. Adjust the tension by tightening the bolts on the tension springs to create resistance as shown in the pictures below.



4.4 Adjusting gauge wheels

To adjust pickup tooth to ground clearance, adjust gauge wheel height on each end of pickup. Raise pickup hydraulically to remove weight from wheel. Loosen both bolts on gauge wheel and adjust to desired height. Tighten bolts. 1" ground clearance is a good starting point.

Figure 4.3
Gauge wheel adjustment

4.5 Gate Locking Procedure

DANGER: Make sure no one is near the tailgate before opening it.

DANGER: Engage tailgate lock and install cylinder stop before working on or around baler with tailgate in raised position.

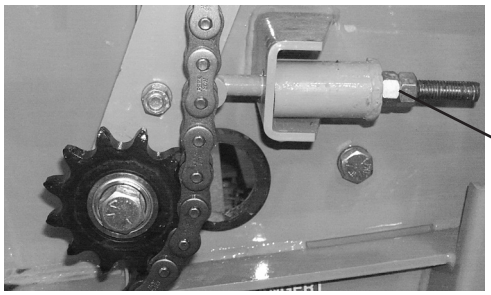
When servicing baler with tailgate in raised position, always lock tailgate up hydraulically and install cylinder stop. The lockout valve is conveniently located by the left hand baler tire. To lock gate up push valve in and install the cylinder stop. Pull valve out to bypass valve. The cylinder stops are stored on both sides of the baler.

Figure 4.4
Gate lockout valve

4.6 Compression Rack Adjustment

The compression rack on the round baler has two adjustments, height and pitch. The height is adjusted by varying the number of chain links between the compression rack and pickup lift arms. Increasing links lowers the compression rack and decreasing links raises the rack. Set the height of the compression rack so that the teeth of the compression rack are engaging the spring teeth of the pickup but not resting on the pickup bands. The pitch is adjusted by the 3/8” bolt and jam nut located on the top of the compression rack arms. Tightening the bolt applies more pressure to the crop and loosening the bolt.

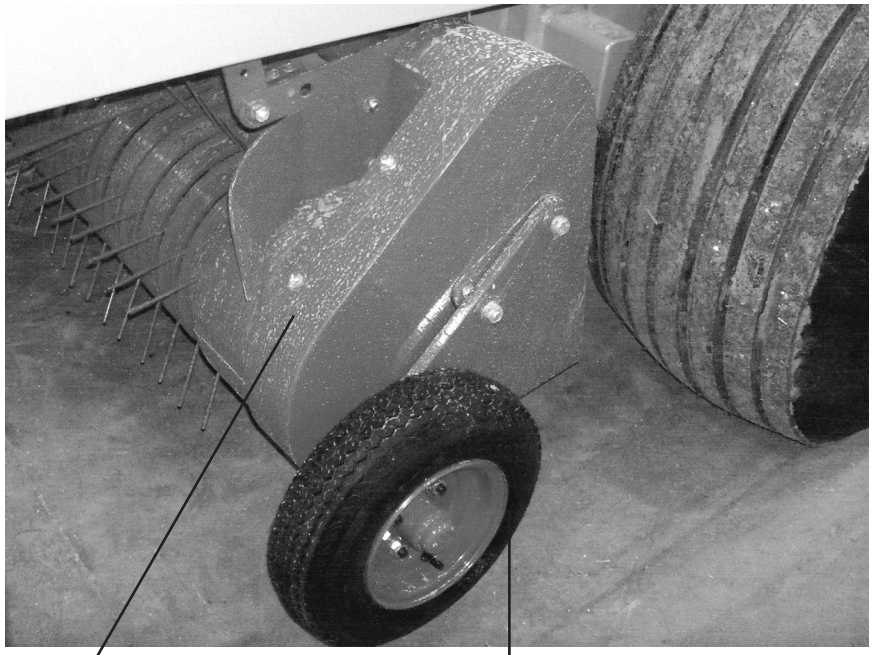
4.7 Adjusting Main Drive Chain Tension



Periodic drive chain adjustment is necessary to extend chain life. Adjust tension bolt so there is 1/8” of clearance between the bushing and the mounting channel.

4.8 Adjusting pickup drive chain

Remove gauge wheels and end shields on both ends of pickup. Check deflection of drive chain and adjust tensioning bolt as necessary.



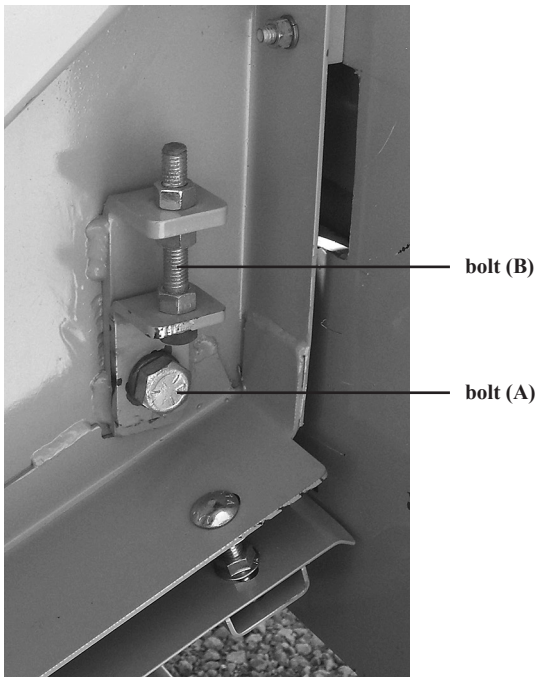
4.9 Adjusting belt tracking

The lower rear roller on the tailgate can be adjusted up and down to adjust belt tracking.

Adjusting the roller down on the right or up on the left will move the belts to the left.

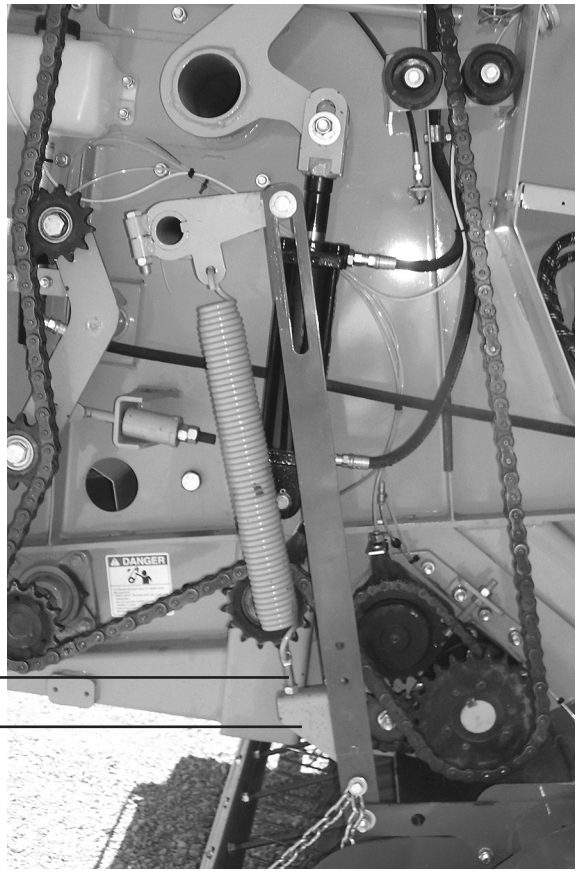
Adjusting the roller up on the right or down on the left will move the belts to the right.

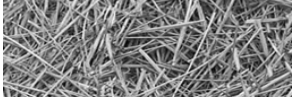
Example: If the belts are tracking to the right, loosen bolt (A) on the left side of the roller, and then use adjusting bolt (B) to raise the left end of the roller.



4.10 Adjusting pickup float

Pickup float can be adjusted in two locations. Adjust rod bolt for fine tuning the spring tension. If additional float is needed, move lower mounting bracket in the holes provided.





4.11 Material Trap Cleanout and Inspection

WARNING: Use normal shut down procedure (Section 3.1) before inspection and cleanout of material trap.

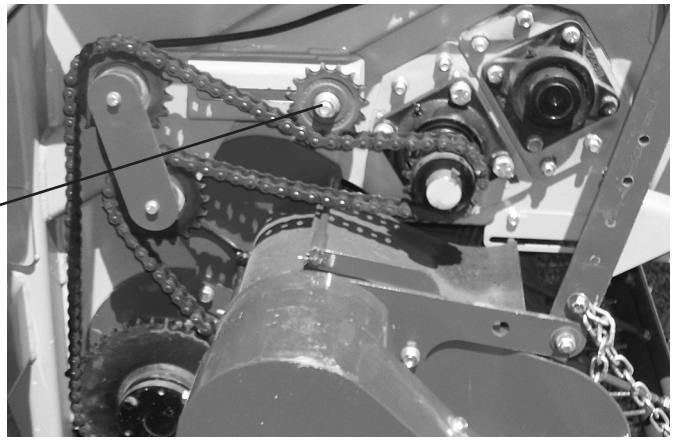
DANGER: Engage tailgate lock and install cylinder stop before working on or around baler with tailgate in raised position.

The 572 Round Baler is equipped with a material catch pan to feed valuable feed that falls through the belts during the baling process back into the baler. This consists of a pan under the tailgate, and a trap to feed the material from the pan into the pickup where it is swept into the hay flow once again. The trap is designed to keep foreign material from reentering the baler. It is recommended to periodically dump the trap manually.

- Raise tailgate fully.
- Follow normal shutdown procedure
- Engage tailgate lock by pushing in valve button and install cylinder stop.
- Using a bar, push material trap open and remove all material and check condition of components.

4.12 Secondary Drive Chain Adjustment

Periodic drive chain adjustment is necessary to extend chain life. The secondary drive chain is accessed through the right hand service door of the baler. Tighten chain by loosening idler and sliding rearward. Adjust as necessary.



4.13 Belt and Lacing Pin Inspection

Check belt lacing pins for wear every 500 bales. Removal of broken or worn pins can be very difficult. Replace pins that are worn up to ½ of their diameter. To remove pin, with a plier, rotate pin 90 degrees before pulling out of belt lacing.

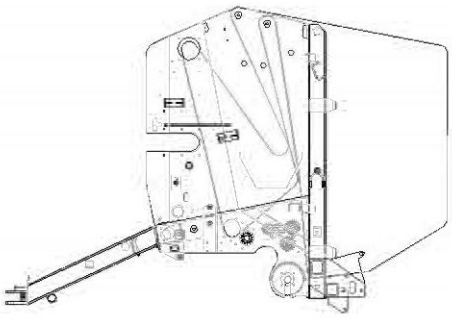
4.14 Belt Installation and Routing

WARNING: Use normal shut down procedure (Section 3.1) before inspection and cleanout of material trap.

DANGER: Engage tailgate lock and install cylinder stop before working on or around baler with tailgate in raised position.

Install belts with rough top side of belt to outside of machine.

1. Open tailgate.
2. Engage PTO and rotate belts so lacing pin is accessible on worn belt.
3. Engage tailgate lock and install cylinder stop on one of the tailgate cylinders, and on the belt tension cylinder.
4. Disengage tailgate lock and lower tailgate to remove tension from belts.
5. Engage tailgate lock, shut off tractor and remove key.
6. Split old belt by removing lacing pin.
7. Hook new belt end to old belt.
8. Pull new belt through baler using the old belt.
9. Fasten new belt ends together with new pin.
10. Repeat process for additional belts.



4.15 Twine Pincher Adjustment

To adjust the twine pincher, turn clevis counter clockwise to lengthen and to shorten turn clevis clockwise.

Figure 4.5
Twine pincher adjustment location

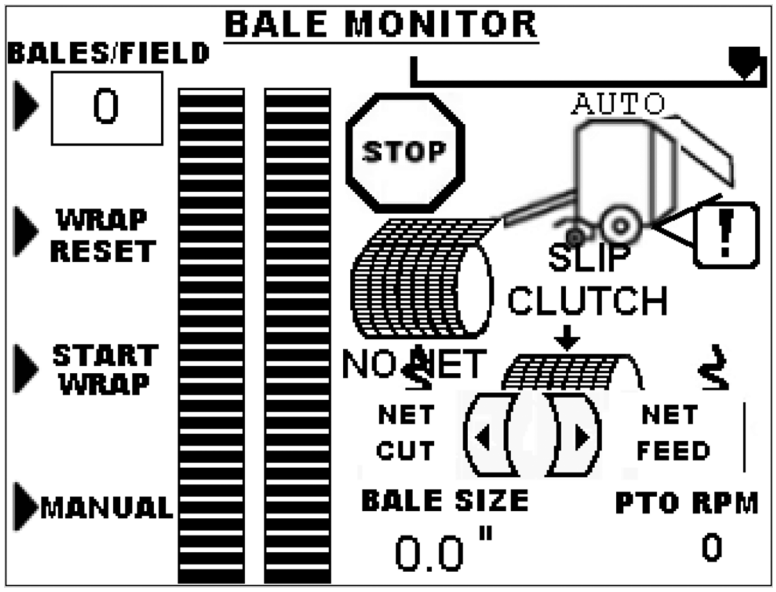
Section 5: Monitor

5.1 Monitor Operation

5.1.1 Bale Monitor Screen

The bale monitor screen is the default screen. This screen displays most of the operational machine data. By pressing button 1 from this screen the operator can access the Bale Count Screen. Button 2 will reset a tie sequence. Button 3 initiates an auto tie sequence at any bale size as long as the system is set to "Auto". Button 4 will toggle between Auto and Manual tie modes. The ESC key will take the operator to the menu screen. Button 6 will access the faults page. The exclamation point next to button 6 indicates a fault is present.

5.1.2 General Layout of controller



The DP-620 will monitor the following:

a. Bale diameter

b. Bale shape

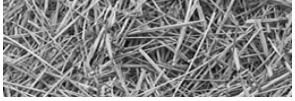
c. Twine wrapping functions

d. Net wrapping functions

e. Bale dumping functions

f. Gate locations

g. Slip clutch warnings



5.2 CALIBRATION OF THE 572 BALER – General

1. Connect the PTO.
2. Connect the pickup lift hoses.
3. Connect the baler hoses.
4. Connect monitor.
5. Connect monitor to power outlet.

1. TWINE ARM CALIBRATION

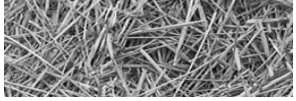
1. With the tractor running and the hydraulic lever locked in detent allowing oil flow through the valve body, press button #6 and check fault screen.

   If there is a square box by **TWINE ARM FAULT** check electrical connection to cylinder before proceeding further. If there is a square box by the **TWINE ARM NO CAL** follow steps 2-5. If there is no square box by the **TWINE ARM NO CAL** skip to section 4.1. to test the calibration.

2. Press esc button to go to the menu screen. To select twine, press button #7 then press ESC to return to the monitor screen.
3. To select manual, press button #4 if not already selected.
4. Using the left and right arrow buttons on the monitor, extend twine arms fully and hold for 3 seconds. Retract twine arms fully and hold button for 3 seconds.
5. Now check fault screen, if there are no square boxes appearing for the twine arm calibration the twine arm calibration is complete.

2. BALE SIZE CALIBRATION

1. With the tractor running and the hydraulic lever locked in detent allowing oil flow through the valve body, check fault screen. If there is a square box by **BALE SIZE FAULT**, check electrical connection before proceeding further. If there is a square box by the **BALE SIZE NO CAL**, follow steps 2-3. If there is no square box by **BALE SIZE NO CAL** skip to section 4.2 to test the calibration.
2. Press button on the orange box, open tailgate completely and continue holding the button for 3 seconds. Close tailgate completely and continue holding for 3 seconds.
3. Now check the fault screen, if there is no square boxes appearing for the bale size calibration the calibration is complete.



3. BALE SHAPE CALIBRATION

1. With the tractor running and the hydraulic lever locked in detent allowing oil flow through the valve body, the tailgate fully closed and the chamber empty.
2. Engage PTO and run baler for a brief period and then disengage PTO.
3. Check fault screen. If there is a square box by the **BALE SHAPE FAULT**, check electrical connection before proceeding further. If there is a square box by **BALE SHAPE NO CAL**, follow steps 4-7. If there is no square box by **BALE SHAPE NO CAL** skip to section 4.3 to test the calibration.
4. From the monitor screen, press ESC button to go to the main menu. Press button #3 to go to misc. setup.
5. From the misc. setup screen press button #3 **BALE SHAPE CAL** and hold for 3 seconds.
6. Check fault screen, if no square boxes appear the bale shape calibration is complete.

4. CALIBRATION TEST

1. TWINE ARM TEST

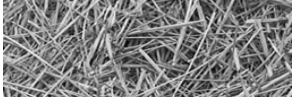
- With the tractor running and the hydraulic valve locked in detent allowing oil flow through the valve body, select manual from the monitor screen, button #4, if not already selected.
- Using the right arrow button extend the twine arms completely and check to see that they come together and meet in the middle of the baler.
- Using the left arrow button bring the twine arms home, check that the twine arms return to the home position completely and that the twine pinch blocks are closed completely. If the twine arms do not return to the home position completely they need to be calibrated again, refer to section 1.1. If the pinch blocks are not completely closed adjustment of the connecting linkage needs to be performed.

2. BALE SIZE TEST

- With the tractor running and the hydraulic lever locked in detent allowing oil flow through the valve body, press button on the orange box opening the tailgate.
- As the belt tension arm starts to move up wards the bale size number on the monitor will increase as soon as the arm starts to move.
- If the arm moves and the bale size readout stays at zero, unplug the bale size sensor. (The sensor is located on the right hand side of the tension arm.) Turn tractor off and repeat bale size calibration in section 2.

3. BALE SHAPE TEST

- With the tractor running and the hydraulic lever locked in detent allowing oil flow through the valve body, press button on the orange box opening the tailgate fully. Both bale shape bars should be increasing simultaneously as the bale size increases to its maximum value.
- Start to close the tailgate; the belt tension arm will lower placing tension on belts. As this happens, the bale shape bars on the monitor should be the same height.
- If the bars are uneven, unplug the bale shape sensors. (The sensors are located on the left hand and right hand top of the tailgate.) Turn tractor off and repeat bale shape calibration in section 3.



5.3 Other Diagnosis

1. Slip Clutch Warning

- "Slip Clutch" will be displayed on the monitor screen if the PTO is engaged but the pickup isn't rotating.
- If the pickup is rotating with the PTO engaged, shut the machine down and remove the access cover to the proximity switch for the pickup located on the right side of the machine. Check that the switch is adjusted correctly and hooked up. Reassemble and check for "Slip Clutch" warning.
- If the pickup is not rotating with the PTO engaged, check to ensure that the pickup drive chain was installed and the slip clutch is functioning correctly.

2. Tail Gate Indicator Open

- Monitor is showing the tail gate is open when it is actually closed.
- Ensure that the tail gate is closed completely and the latches are fully latched.
- Adjust clearance of proximity switches on the latches and check that they are hooked up and working.

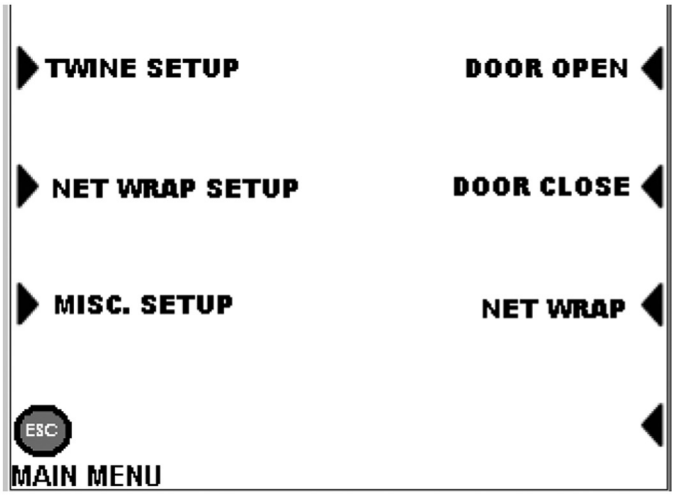
3. Improper RPM displayed on the monitor

- Monitor is displaying an inaccurate RPM with the PTO engaged
- Check proximity switch mounted on the driveline in front of the gearbox. Adjust clearance if necessary.

5.4 Menu Screen

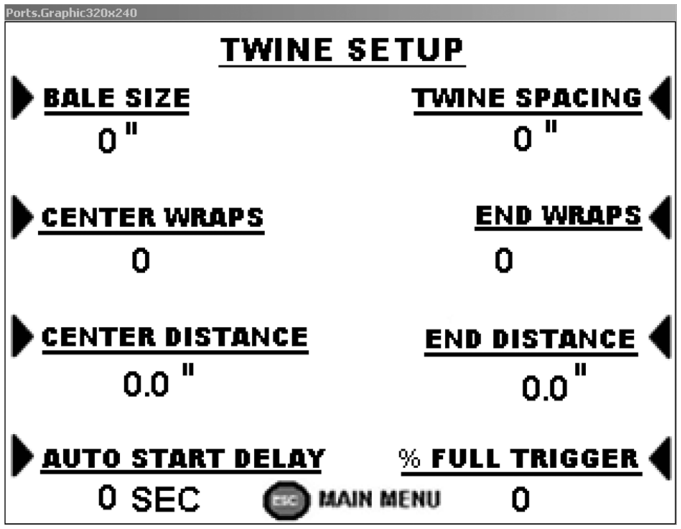
5.4.1 Misc. Setup Screen

This is the misc. setup screen. It can be accessed by pushing button 3 on the menu screen. This screen allows the operator to toggle the twine buzzer, backlight, gate manual or auto and reset the bale size calibration by pressing the corresponding button. Screen contrast can be changed by pressing the left and right arrows on each side of the OK button. Esc takes you back to the main bale monitor screen.



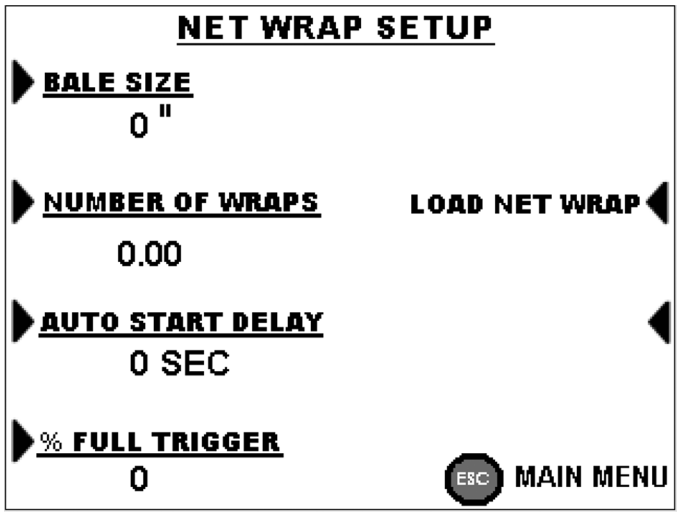
5.4.2 Twine setup values

This is the twine setup screen. It can be accessed by pushing button 1 when on the menu screen. This screen allows the operator to setup the twine auto tie parameters. To change a parameter press the corresponding button so a line appears under the item and use the up and down arrows to adjust when finished press OK to save all settings and ESC to return to bale screen.



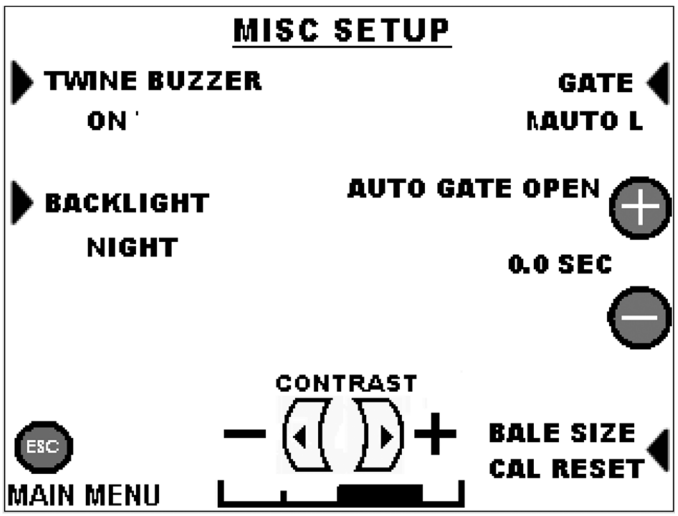
5.4.3 Net wrap setup values

This is the net setup screen. It can be accessed by pushing button 2 on the menu screen. This screen allows the operator to setup the parameters for the auto net wrap function. All settings are adjusted the same as the twine settings.



5.4.4 Misc Setup Screen

This is the misc setup screen. It can be accessed by pushing button 3 on the menu screen. This screen allows the operator to toggle the twine buzzer, backlight, gate manual or auto, and calibrate the bale shape indicators by pressing the corresponding button. Screen contrast can be changed by pressing the left and right arrows on each side of the OK button. Esc takes you back to the main bale monitor screen.



5.4.5 % Full Definition

The % full feature is used to warn the operator that the bale chamber is near full. Setting is from 85-95% of the bale diameter set value. For example, bale diameter is set to 60” and %Full is set to 90%, when 54” is reached i.e. 90% of 60”, an audible alert along with the % full icon will illuminate on the screen.

5.4.6 Auto Start Delay definition

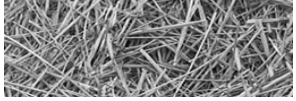
The auto start delay allows the operator time to stop before the auto sequence is initiated. For example, if the delay is set to 3 seconds and the bale diameter is set to 70”, the operator has 3 seconds to stop after the bale diameter of 70” is attained.

5.4.7 Start Wrap/Wrap Reset Functions

The start wrap function is used to activate a wrap sequence at any value. For example, the operator finishes a field with a 40” bale, press the start wrap button and initiate the tie sequence using the read values instead of the setup values.

The wrap reset button is used to abort an auto wrap sequence due to a circumstance such as a jammed twine arm.

CAUTION: Always disengage hydraulic circuit before unclogging machine.



5.4.8 Twine Dispensing Indicators

Twine indicators are illuminated when the twine is being fed in to the baler. They will blink with an audible alarm when they are not spinning during a tie sequence. For example, twine ball goes empty during tying sequence, this will notify the operator.

5.4.9 Twine Arms Position Indicator

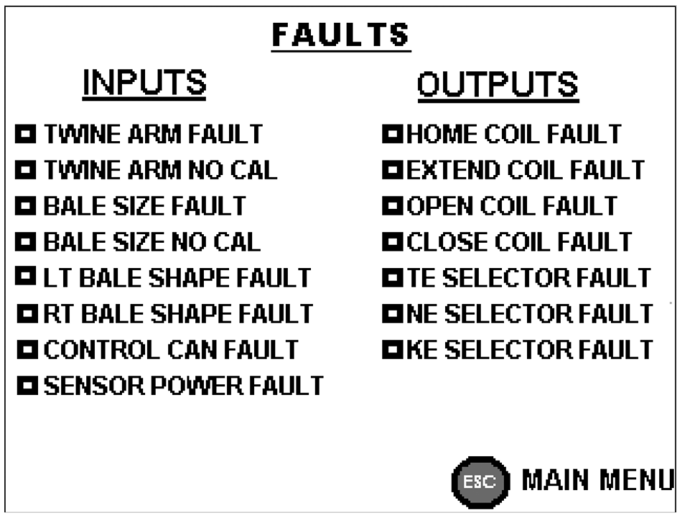
The twine arms position indicator is displayed on the Plus 1 controller across the top of the display. As the screen indicator moves from left to right, this corresponds to the twine arm moving from center to right across the baler as viewed from the rear of the machine.

5.4.10 Auto Dump Feature

The auto dump feature allows the operator to dump the bale automatically after a wrapping sequence is complete. The feature can be turned on and off using the miscellaneous setup screen.

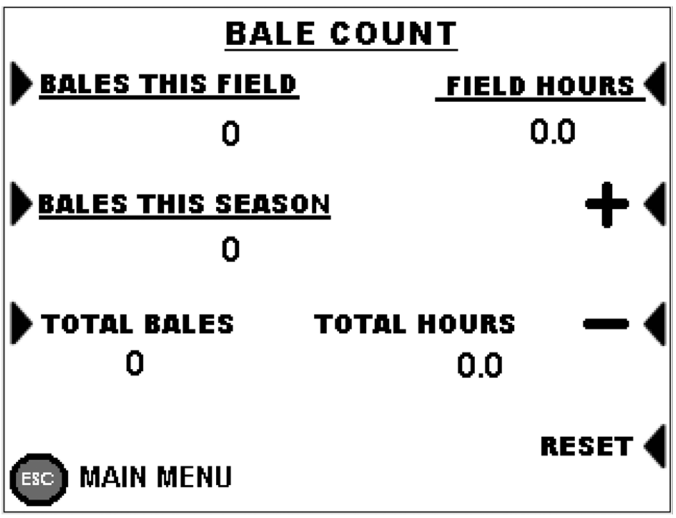
5.4.11 Faults Screen

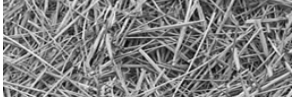
This screen displays all system faults for the inputs and outputs. An active fault is identified by a square box to the left of the fault name. A fault is typically caused by poor wire connections, faulty sensors or output coils. Faults are indicated on the bale monitor screen by an exclamation point by button 6.



5.4.12 Bale History

This screen displays bale counts for the current field, current season, machine total bales, field hours and machine total hours. The operator is able to edit or reset the bales for the season and field but not the total bales. The operator is also able to edit the field hours but not the total hours.



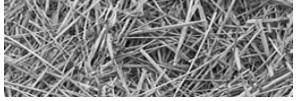


5.4.13 Baling sequence

- All operational set values are entered.
- Directional valve on tractor is engaged.
- Gate closed icon is illuminated on Plus-1.
- If twine arm is not home, bring it home.
- Start baling.
- Watch bale shape indicators when baling, keep level.
- While baling, %full is reached with audible alert and the icon appears.
- Desired bale size is reached, STOP sign illuminates on screen, delay start is carried out, tie sequence is initiated.
- Tie sequence is completed, bale gate open icon illuminates and is flashing.
- Operator manually dumps bale or the auto dump cycle is completed.
- When dump cycle is completed, bale count is incremented by 1
- Tailgate closed icon illuminates, resume baling.

5.4.14 Tying Sequence

- Looking towards machine in direction of travel, twine arms start in home position or outside. When tie sequence is initiated, arms will travel all the way to the center wrap distance location, end will wrap desired preset value, arm will then travel proportionally from the center, based on twine spacing set value until end wrap distance, end will wrap desired preset value and arms then travel to home position where twine is cut.



Section 6: Lubrication

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

WARNING: Use normal shut down procedure (Section 3.1) before lubricating machine.

6.1 Lubrication

Use only high quality, #2 multi-purpose grease when lubricating the unit. Make sure all fittings and the nozzle or the grease applicators are clean before applying grease. If any grease fittings are missing, replace them immediately.

Description	Type	Frequency	No. Zerks
1. PTO	Grease	20 Hrs	7
2. Roller Bearings	Grease	20 Hrs	9
3. Tension Arm Pivot	Grease	20 Hrs	4
4. Tailgate Pivot	Grease	20 Hrs	2
5. Tailgate Latch	Grease	20 Hrs	2
6. Pickup End Drive	Grease	20 Hrs	6
7. Pickup Jack Shaft	Grease	20 Hrs	2
8. Twine Arm Pivots	Grease	20 Hrs	3
9. Pickup Lift Jack Shaft	Grease	40 Hrs	2

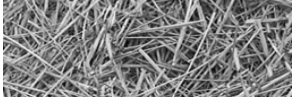


Figure 6.1
Roller bearing (1 & 2 of 9)

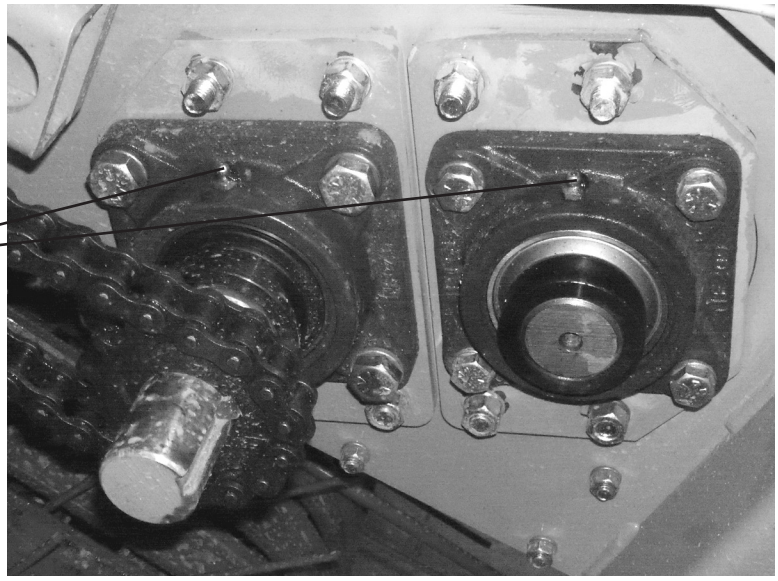


Figure 6.2
Roller bearing (3 of 9)

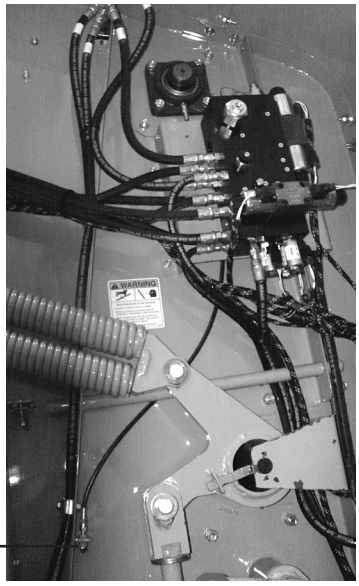
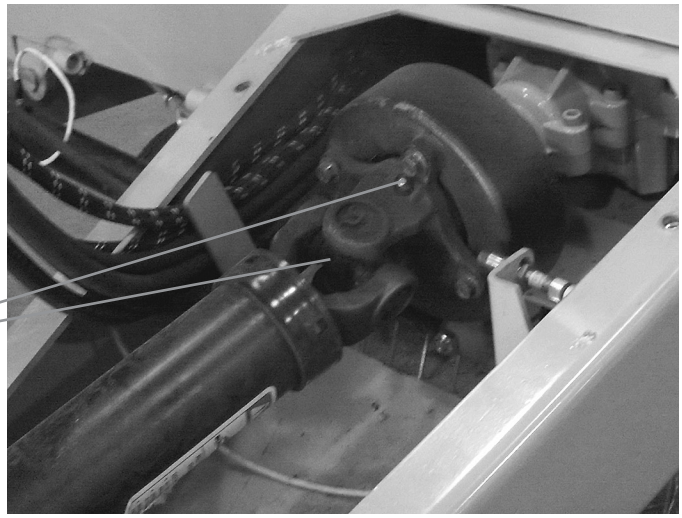


Figure 6.3
PTO (1 & 2 of 7)



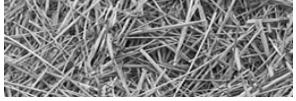


Figure 6.4
PTO (3 of 7)

Figure 6.5
PTO (4 of 7)

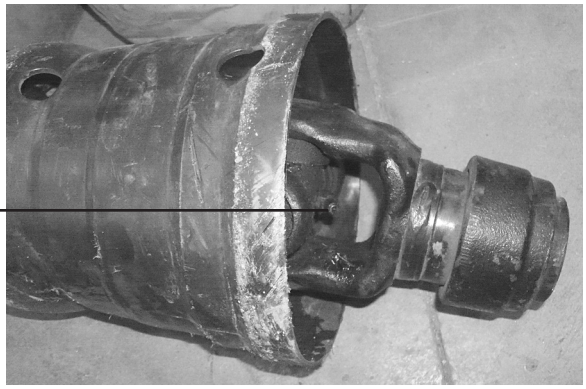


Figure 6.6
Main drive chain
Roller bearing (4 of 9)

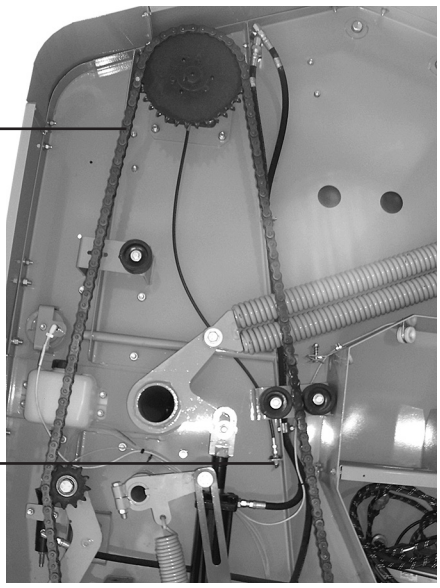


Figure 6.7
Roller bearing (5 of 9)

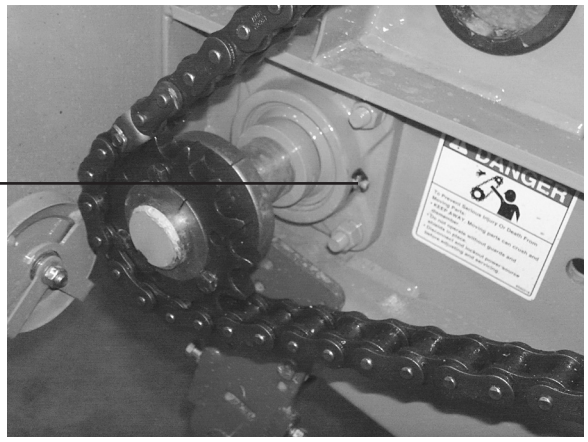


Figure 6.8
Secondary drive roller chain
Roller bearing (6 of 9)

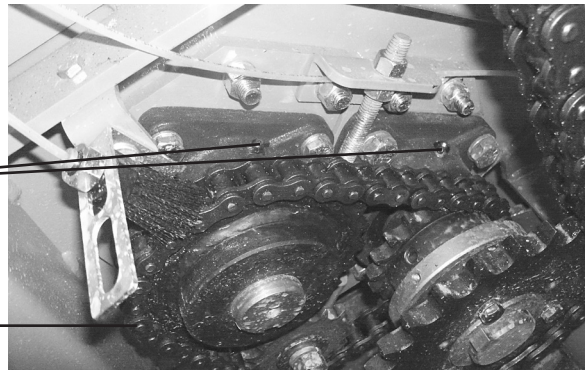
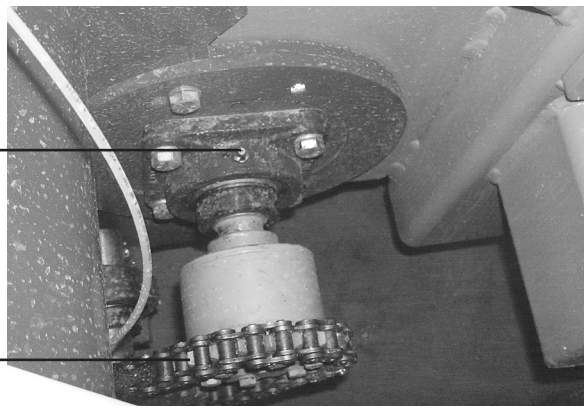


Figure 6.9
Pickup drive chain
Drum roller bearing (7 of 9)



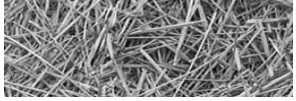


Figure 6.10
Tailgate pivots (All)

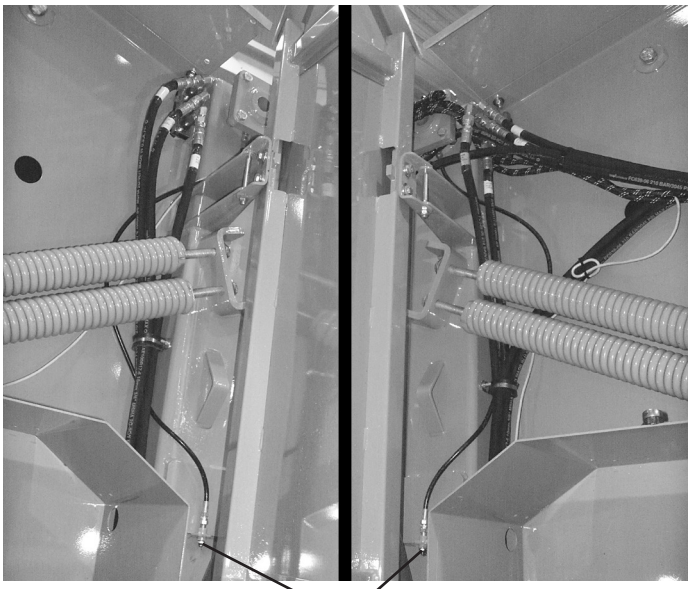


Figure 6.11
Tailgate latches (All)

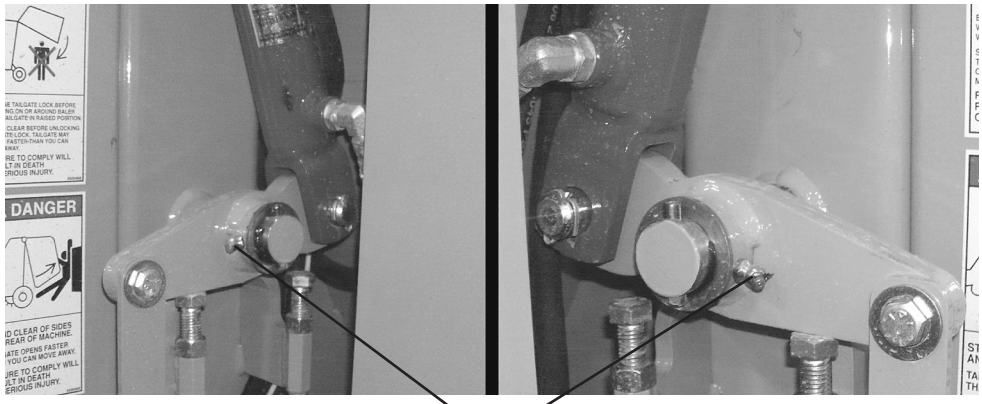
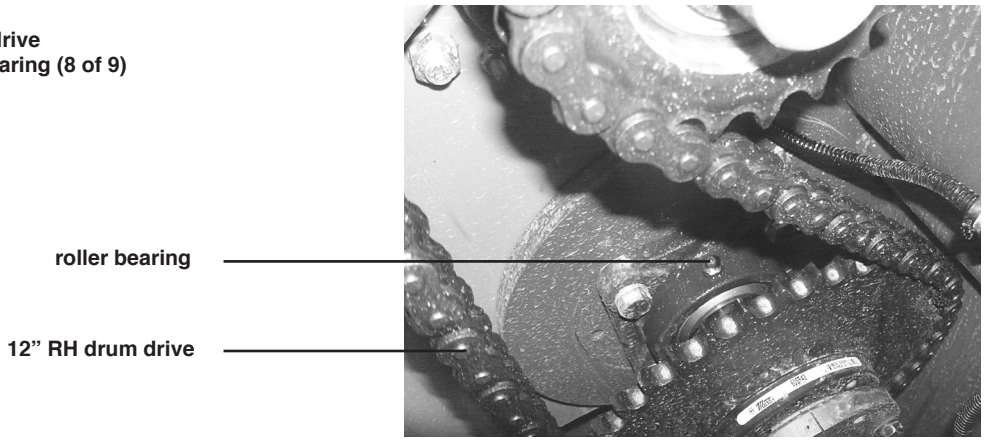


Figure 6.12
12” RH drum drive
Drum roller bearing (8 of 9)



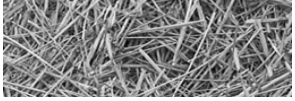


Figure 6.13
Tension arm pivot (All)

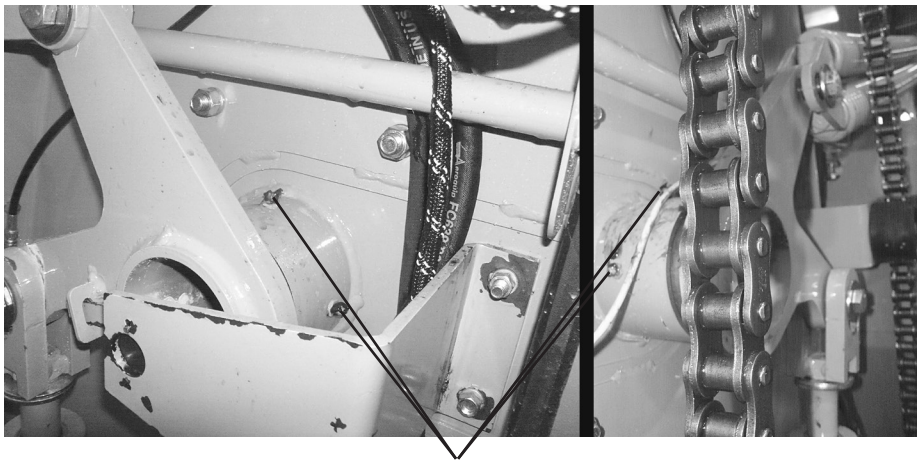


Figure 6.14
Pickup jackshaft
(1 on each end of pickup)

Pickup lift (1 of 2)

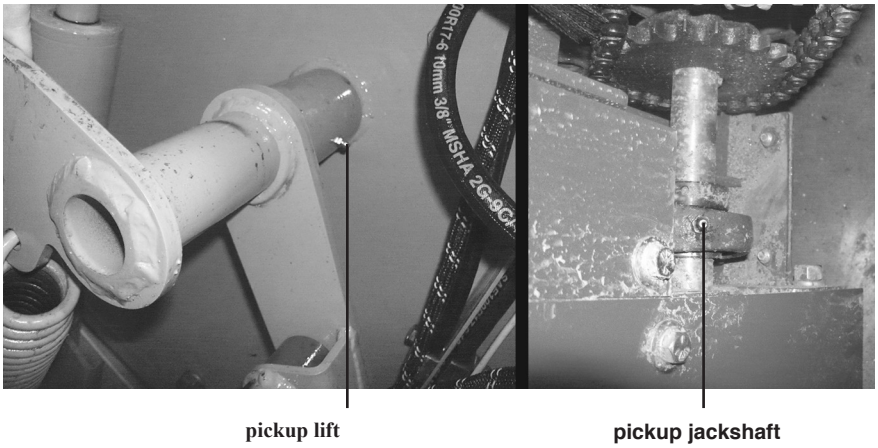
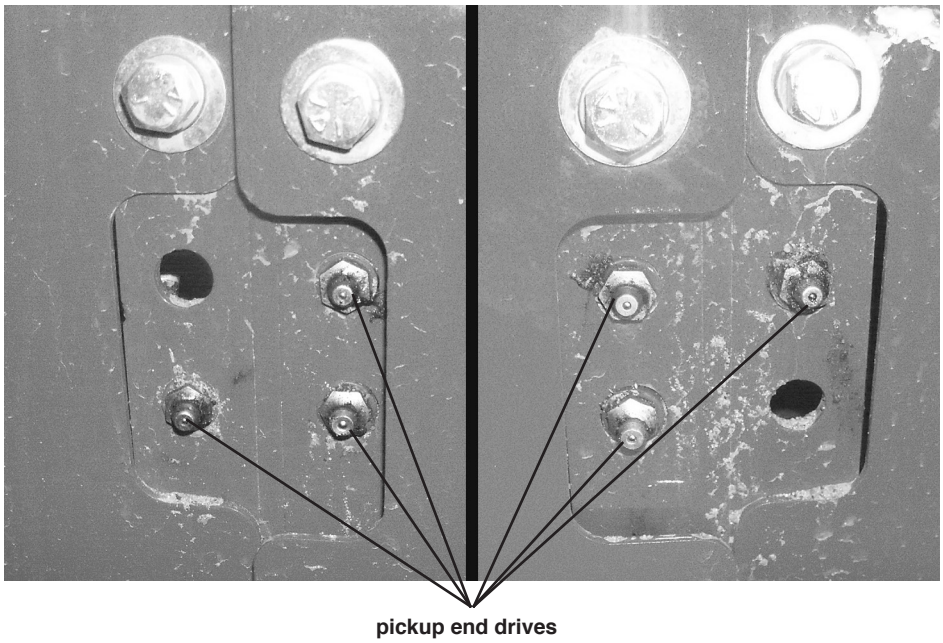


Figure 6.15
Pickup end drives (All)



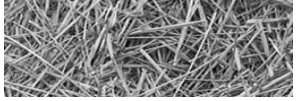


Figure 6.16
Pickup lift (2 of 2)

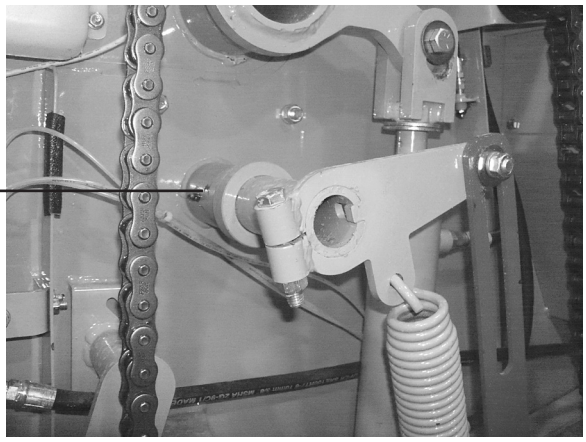


Figure 6.17
Twine arm pivots (1 & 2 of 3)

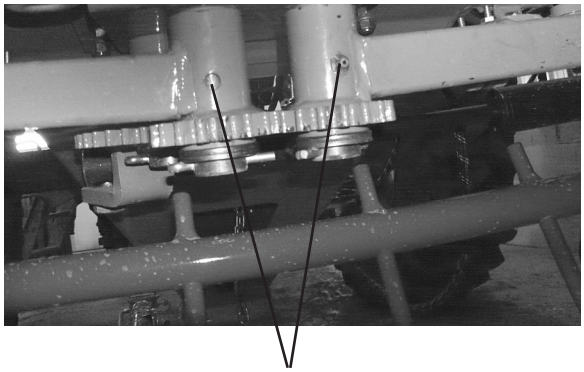
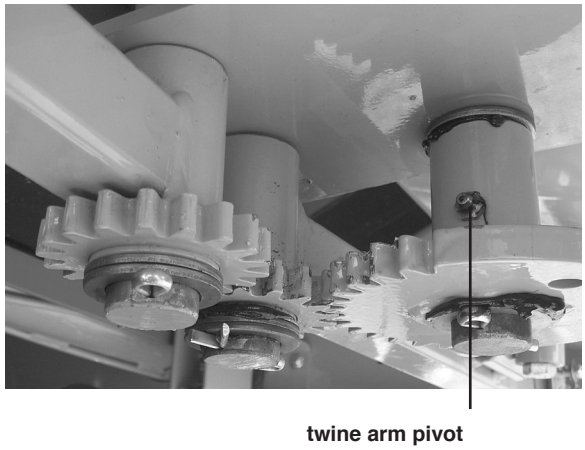


Figure 6.18
Twine arm pivots (3 of 3)

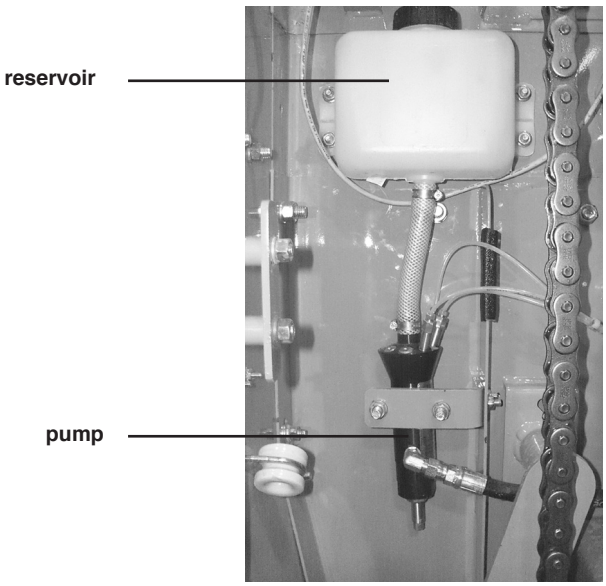


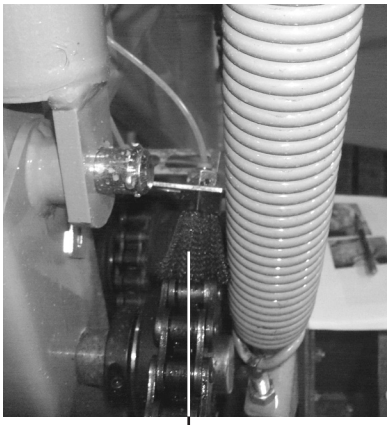
6.2 Chain Oiler

The 572 Round Baler is equipped with and automatic oiler. The automatic oiler cycles oil to lubrication points each time the tailgate is opened.

The reservoir holds two quarts of oil and will last approximately eight hours. The rate will vary depending on how the pumps dispensing rate is adjusted and the number of cycles the tailgate is used.

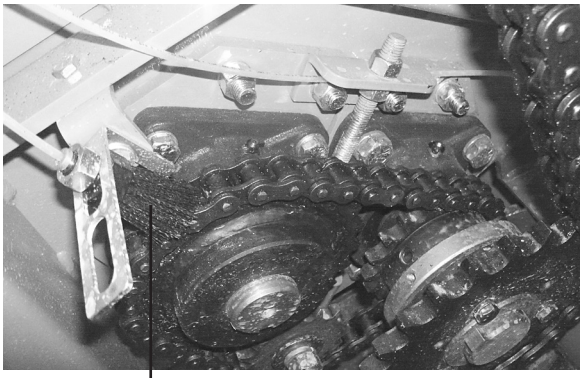
The oiler is preset to deliver the maximum amount of oil. By turning the brass screw at the bottom of the oiler, this will modify the dispensing rate to fit specific operating conditions.

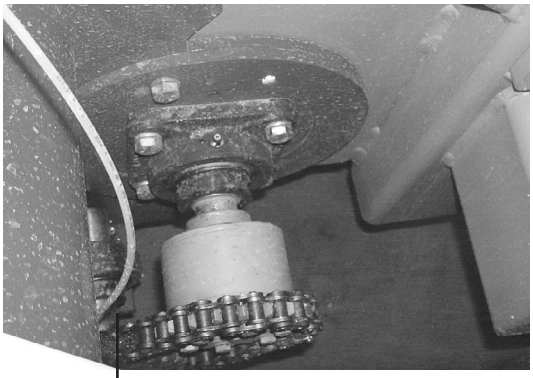




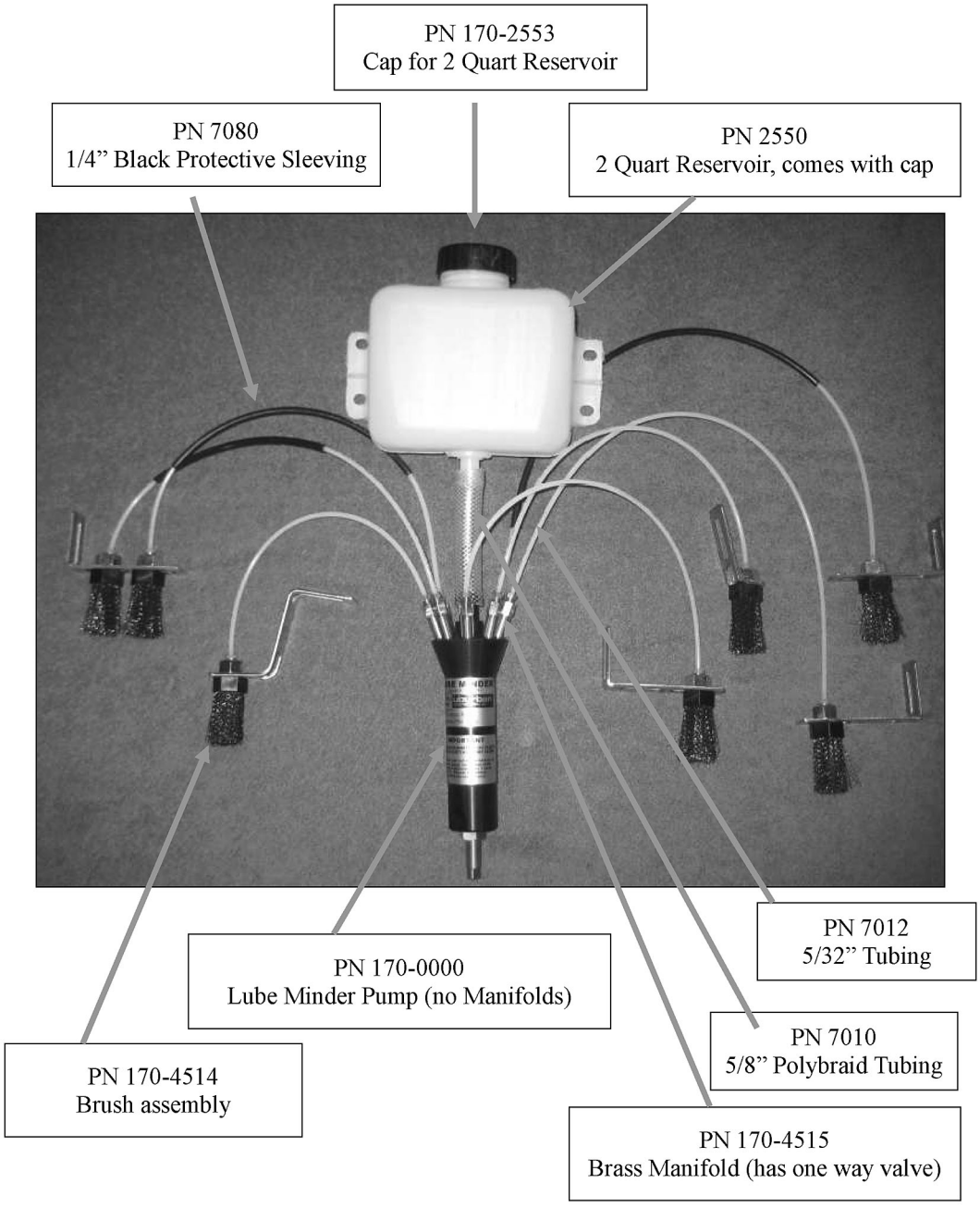
The type of oil that is recommended is high viscosity petroleum chain oil without additives. Lubricant viscosities recommended for various temperatures are 20-40 degrees F SAE20, 40-100 degrees F SAE30, 100-120 degrees F SAE40 and 120-140 degrees F SAE50.

This **LubeMinder** system is made by **Suburban Manufacturing** for parts call 1-800-782-5752 or on the web at **www.gosuburban.com**. A parts break down is included.





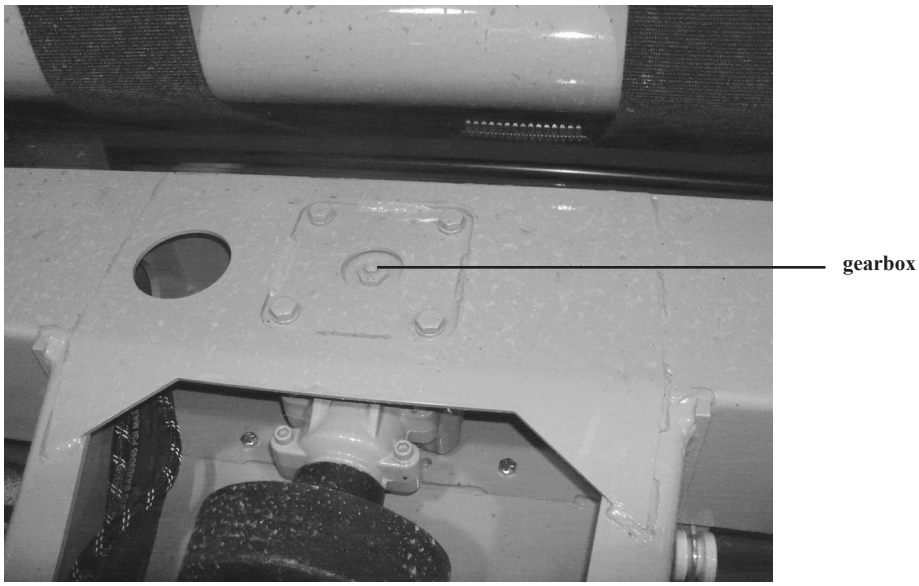
LubeMinder System Parts Break Down



6.3 Gearbox Lubrication

The oil level should be approximately half the depth of the gear drive, for the parting line for horizontal mounting, or to the shaft centerlines if mounted other than horizontally.

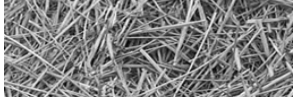
To change the oil, remove the drain plug and let the oil drain out. Then replace the drain plug and add 28 oz. of 80W-90 API GL5 gear lube.



6.4 Hydraulic Cylinders and Valves

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 medical attention immediately to prevent serious infection or reaction.



Section 7: Maintenance

7.1 General Appearance

Clean all mud, dirt, grease and other foreign material from the exterior of the machine. Wash the entire machine. If washing the 572 Round Baler with a high-pressure washer, keep nozzle away from sealed bearings. Repaint places where bare metal is exposed

7.2 Welding Procedure

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

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

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

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

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

1. Unhitch the 572 Round Baler from the tractor and disconnect the control box from the tractor.
2. Connect the welding ground cable directly to the part that will be welded. Place the ground cable as close as possible to the weld in order to reduce the possibility of welding current damage to bearings, hydraulic components and electrical components.

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

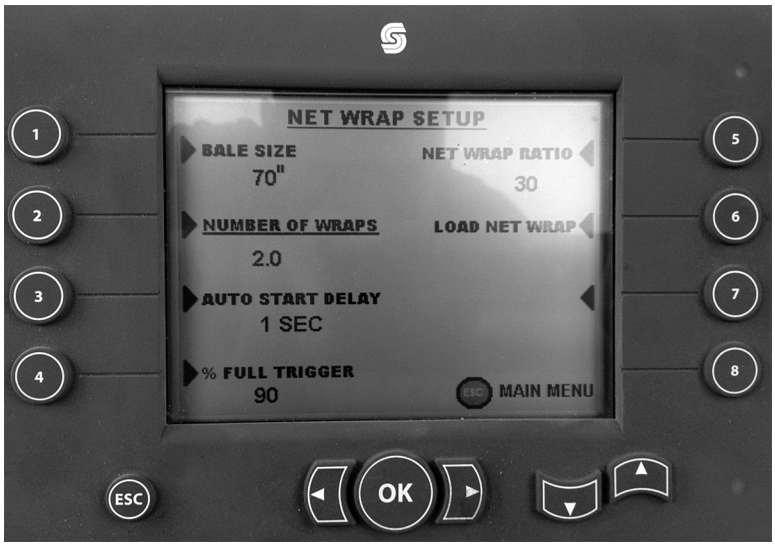
3. Protect the wiring harness and hydraulic lines from welding debris and spatter.
4. Use standard techniques to weld the materials.

Section 8: Options

8.1 Net wrap

8.1.1 Loading the net wrap

To load a new roll of net wrap into the machine, first ensure that the PTO is disengaged on the machine and all movement has stopped. Access the NET WRAP SETUP SCREEN and press LOAD NET WRAP (button #6) to move the net wrap feed bar into the load position.



Go to the rear of the machine and lift the roll of net onto the rubber coated support rollers and install the net roll guides into the end of the roll of net wrap. Be sure the roll is oriented so the net will unroll from the back side of the roll. To thread the net, pull the loose end of the net off the bottom of the roll between the rubber coated support rollers. Pass the net through the net guide and over the net spreader bar. Pull the net into a bunch and press it between the feed roller and the feed bar and then under the knife using a tool.

DO NOT insert fingers between the knife and anvil under any circumstances.

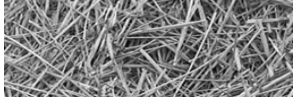
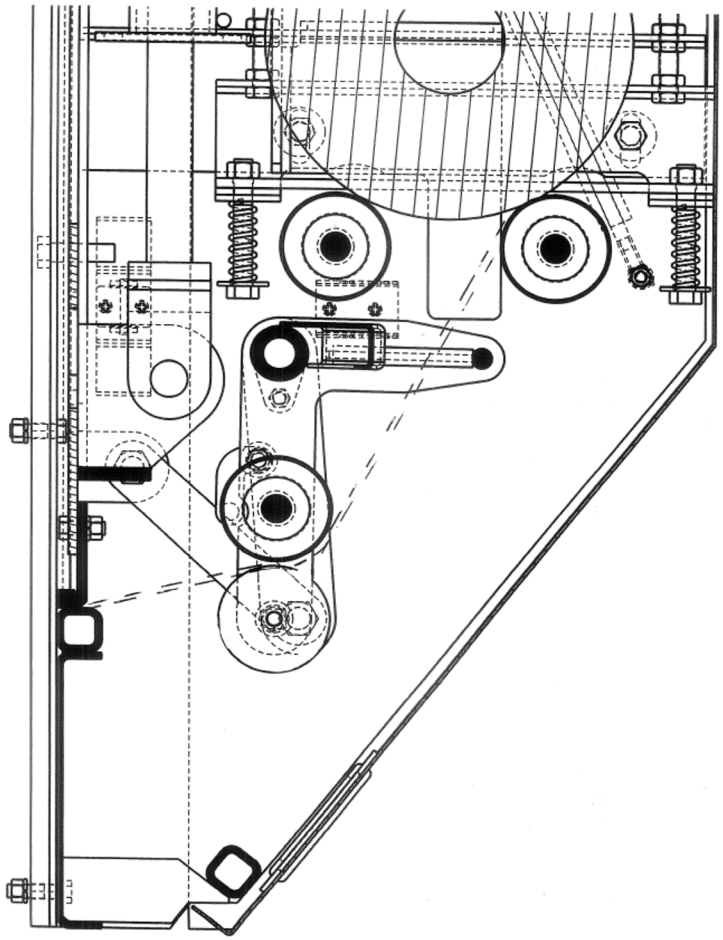
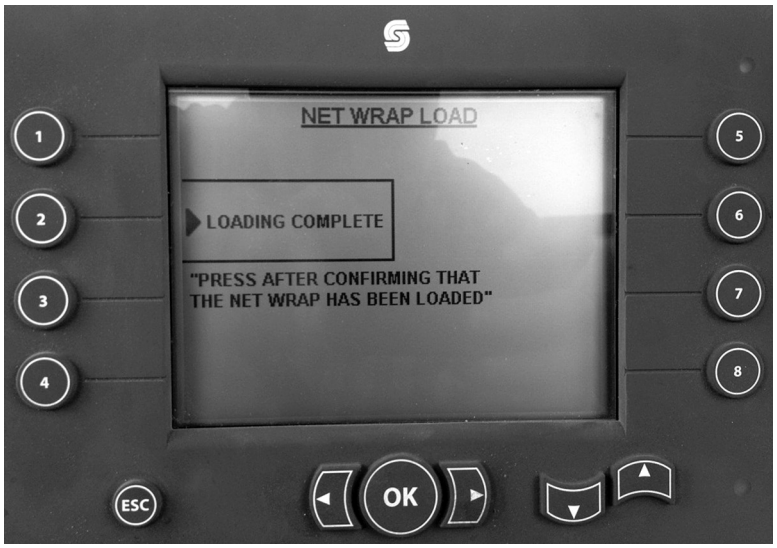


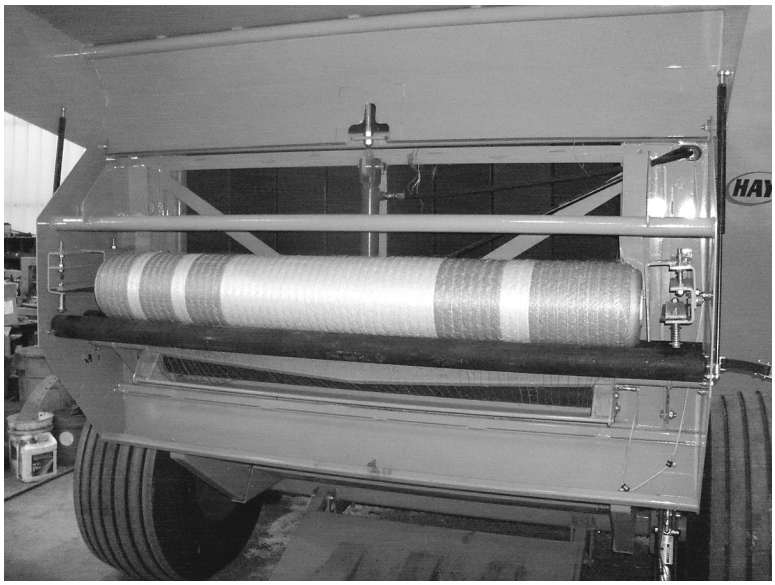
Figure 8.1
Net wrap in loading position



After the roll of net has been loaded ensure that everyone is clear of the machine. Press (button #2) LOADING COMPLETE to signify that the net wrap has been loaded into the machine. When button #2 is pressed it will move the net wrap feed bar and knife into the cut position and hold the loose end of the net in place until the first bale is formed and wrapped.



support rollers before the roll of net has been added



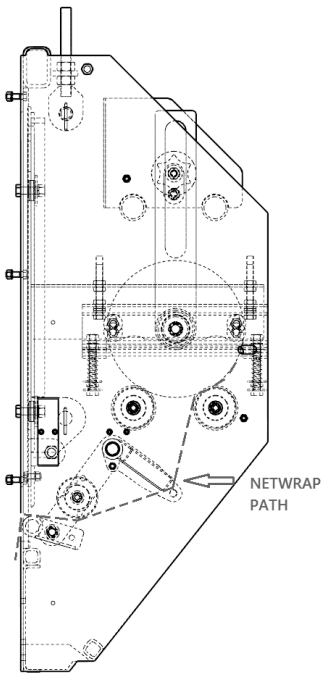
support rollers with threaded net roll

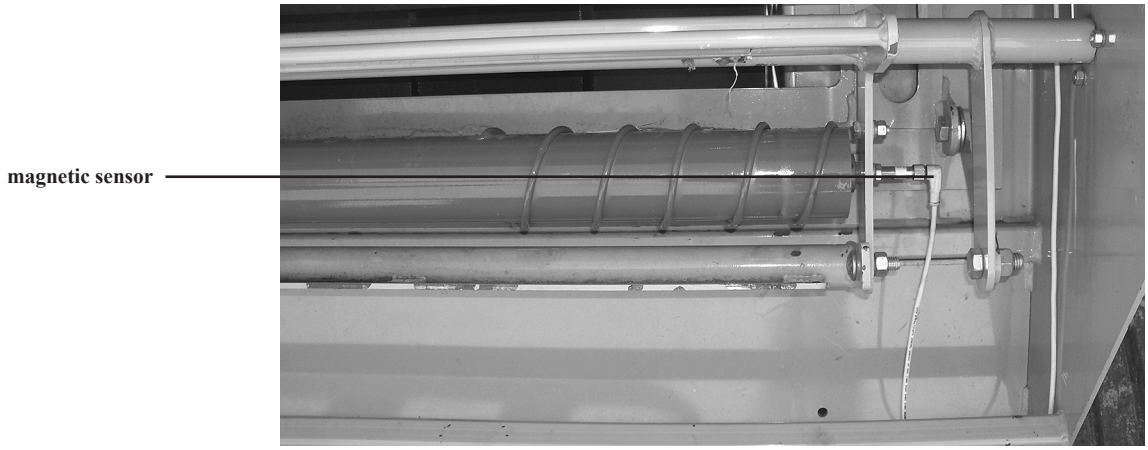
8.1.2 Feeding the net

To feed the net, retract the hydraulic cylinder pulling the guillotine net cutter up into the feed position. This causes the net to be pinched between the bale forming belts and the feed bar feeding the net into the bale forming chamber. While the net is being fed, contact with the bale forming belts is maintained by the leaf saving pan which guides the net into the bale forming chamber.

NOTE: The magnetic sensor monitors the net as it is being fed and how many wraps is being placed on the bale.

Figure 8.2
Net wrap in feed position

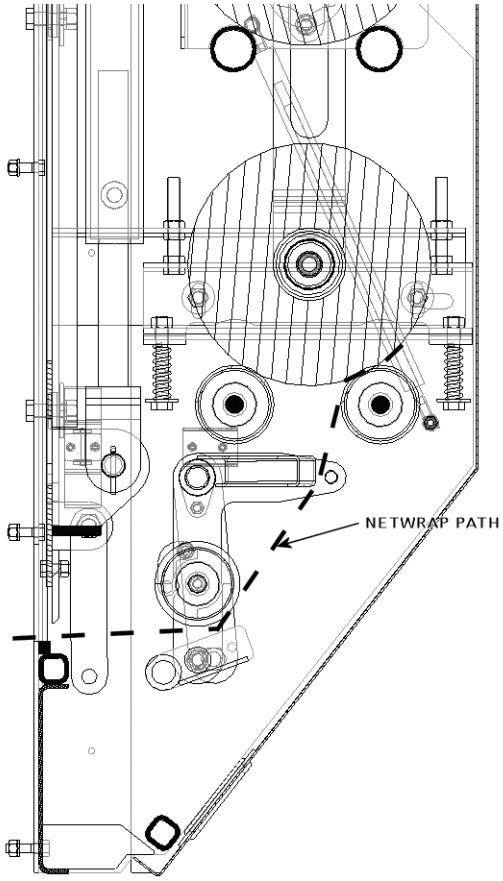




8.1.3 Cutting the net

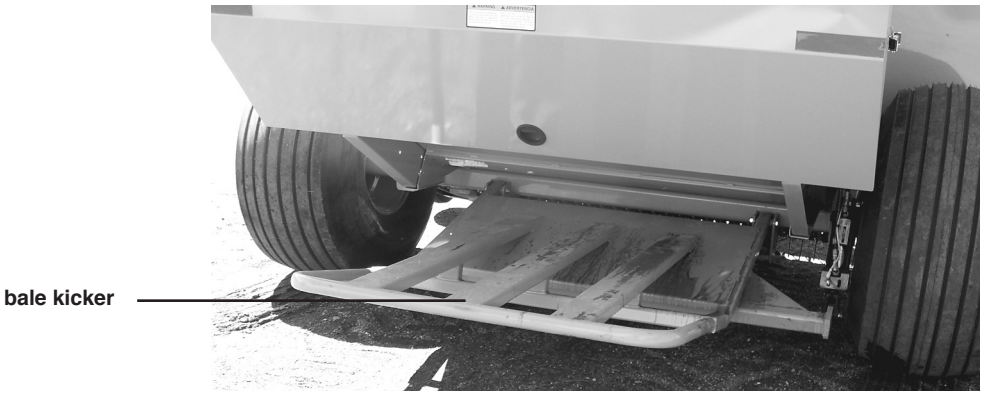
To cut the net, extend the hydraulic cylinder pushing the guillotine net cutter down into the cut position. As the net cutter moves down, the spring loaded breaks comes into contact with the support rollers causing the support rollers to stop. Once the support rollers are stopped the tension on the net being feed onto the bale is increased pulling the net tight. The net cutter will continue to move down until the net is pinched between the net cutting blade and the net wrap frame. As the net is pinched by the cutting blade, a tail of the net will go back to the feed bar making it ready to be fed when the cylinder is retracted.

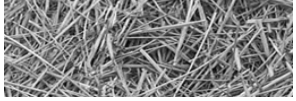
Figure 8.2
Net wrap in cutting position



8.2 Bale Kicker option

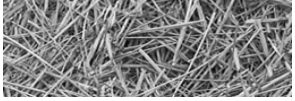
When the bale is wrapped, open the tailgate to let the bale out. As the tailgate opens it pulls the bale back off the floor roll and onto the bale kicker. The weight of the bale on the bale kicker will lower the kicker to the ground. The bale then rolls down the bale kicker to the ground. The bale kicker will prevent the bale from rolling back into the path of the closing tailgate.



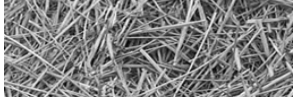


Section 9: Troubleshooting

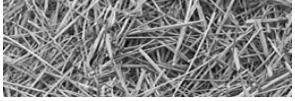
Problem	Cause	Remedy
Driveline will not telescope	Lack of Lubrication Drawbar interference Driveline bent Splines damaged	Increase Lubrication Adjust drawbar Repair/Replace Repair/Replace
Vibrating Driveline	Bent/Twisted driveline Worn bearings	Replace Repair bearings
Drive Chain failure	Lack of lube Incorrect operating tension Sprocket misalignment	Increase lubrication Adjust tension Align sprockets
Noisy Gearbox	Lack of Lube Worn bearings	Check/Add Oil Repair/Replace
Hot Gearbox	Lack of Lube Bearing failure	Check/Add oil Replace bearings
Gearbox leaking	Worn seals Gearbox overfull	Replace seals Adjust oil level
Baler will not feed	Incorrect windrow prep Density set too high Missing pickup teeth Slip Clutch failure	Prep windrow correctly Decrease setting Replace Repair
Bale sticks in machine	Hay is too wet Bale Density too high	Allow hay to cure Decrease bale density
Gate will not close	Hay buildup in gate area Gate lock valve pushed in Kicker/gate sequence	Clean off hay Pull out gate lock valve Sequence/Adjust sensor plate



Problem	Cause	Remedy
Gate will not stay open	Incorrect counterbalance valve setting	Adjust
Pickup will not turn	Slip clutch is slipping Drive chain broken Cam broken/jammed	Repair Repair Repair/Replace
Not Picking Clean	Ground speed too high Windrow too light Too much float Missing teeth Driving on windrow	Reduce ground speed Increase windrow density Decrease pickup float Replace teeth Narrow windrow or adjust tractor tires
Kicking windrow out in front of pickup	Pickup speed too fast Compression rack too high Incorrect compression pitch	Decrease tractor RPM Lower compression rack Adjust pitch
Pickup teeth digging in dirt	Incorrect gauge wheel setting Low pickup float Soft or wet ground Rough ground Low gauge tire pressure	Adjust gauge wheels Increase float Raise pickup hydraulically Raise pickup hydraulically Check tire pressure
Starter Roller wrapping	Wet hay Windrows wet on bottom RPM too high Nicks on starter	Allow hay to cure Rake/turn windrows Decrease RPM when starting bales Smooth with grinder/replace
Pickup auger plugging	Incorrect windrow prep Crowding ends of pickup	Correct windrow prep Feed more toward center



Problem	Cause	Remedy
Uneven bale formation	Faulty shape indicator Shape Indicator not calibrated	Repair/Replace Recalibrate Bale Shape
Loose bales	Density set too low Tension cylinder leakage Incorrect weaving Windrows too heavy RPM too low Low twine tension Tension arm binding	Increase density setting Fix cylinder Correct weave pattern Lighten windrow Increase tractor RPM Increase twine tension Lubricate/Repair
Twisted belts	Incorrect weaving Overfeeding one side of machine Wrapped up rollers Windy conditions	Correct weave Feed machine evenly Clean rollers Dump bales facing up wind



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 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 if DuraTech Industries is notified 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 maintenance, or if the product has been used for a purpose for which it was not designed.

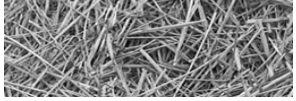
All claims for warranty must be made through the dealer which originally sold the product and all warranty adjustments must be made through same.

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

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

DuraTech Industries International Inc., reserves the right to make changes in material and/or design 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



Appendix B: 572 Haybuster Round Baler Specifications

BALE SIZE

Diameter ..... 36” to 72”
Width ..... 61”
Bale weight ..... 1000 - 1600 lbs

BALER, GENERAL

Base Weight, w/bale ramp, no net wrap ..... 6950 lbs
Tongue Weight ..... 1400 lbs
Length
With bale ramp ..... 170”
W/out bale ramp ..... 152-1/2”
Height ..... 115”
Width ..... 125”
Tires ..... 21.5LX16.1L 8 Ply

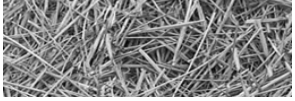
BALE FORMING

Drive
Rollers ..... 2, upper, lower
Chamber ..... Variable
Belts
Number 8
Specification ..... 3 ply
Width ..... 7”
Length, regular ..... (4) 546”
Length, staggered ..... (4) 551”
Texture ..... Rough Top
%Enclosed of Bale Surface 91%
Splice ..... Flexco rivet
Density Control ..... Hyd, adjustable
Size Indication ..... Mechanical, electronic

PICKUP “Super Sweep”

Picking Width ..... 77”
Drive ..... 60 Roller chain, cutout clutch, spring loaded tensioners
Bars 6
Number of Teeth 90
Tooth spacing ..... 2.6”
Lift Control ..... Hydraulic standard
Gauge wheels ..... Pneumatic standard
Lubrication banks ..... Yes

TWINE WRAP



Control ..... Hydraulic standard
Twine Arms ..... 2, Dual arm dual strand
Twine ball capacity 6

MONITOR

Type ..... Sauer Plus 1 Automatic
Bale forming ..... Dual graph, outer belt
Gate Open ..... Yes, icon
Gate Closed ..... Yes, icon
Bale Size ..... Digital, Bar & Mechanical
Near full ..... Yes, adjustable, audible
Full bale ..... Yes, adjustable, audible
Delay wrap setting ..... Yes, adjustable
Twine dispensing ..... Yes, icon, audible
Twine arm indicator ..... Digital
Auto Wrap ..... Yes
Oversize bale ..... Digital
Pickup stall warning ..... Yes, icon, audible

DRIVELINE

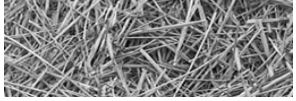
Drive Protection ..... Slip Clutch
PTO Speed ..... 1000 RPM
Type CV
Chain, main drive ..... 80H single
Chain, secondary ..... 60H single
Pickup drive protection ..... Slip Clutch, automatic
Chain, pickup ..... 60 single

TRACTOR REQUIREMENTS

Minimum PTO, hp 80
Hydraulic SCV valves 2

OPTIONS

Bale ramp ..... Hydraulic Monitor controlled
Net Wrap ..... Hydraulic Monitor controlled
Tires 21.5L-16.1



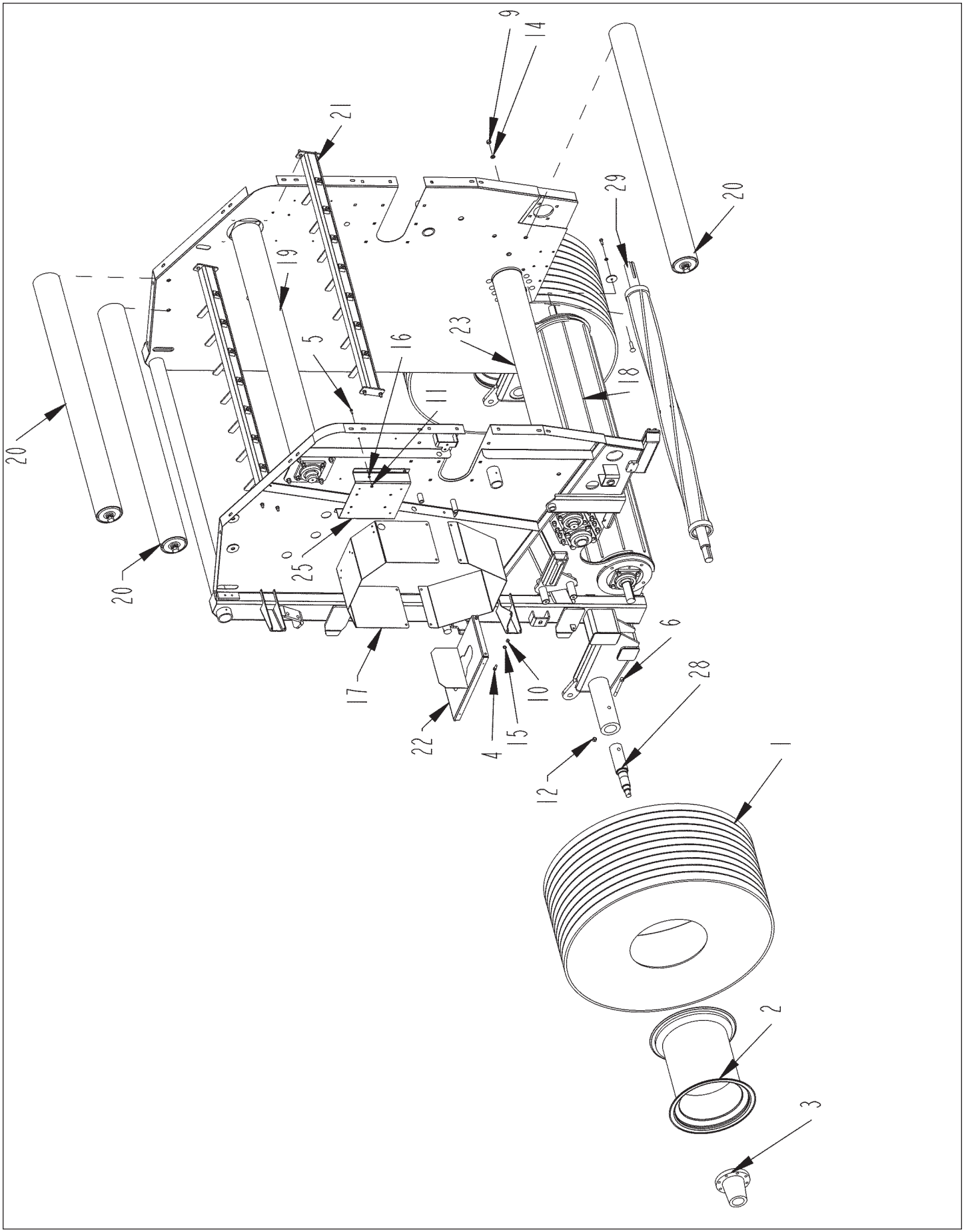
HAYBUSTER®

A Tradition of Innovation Since 1966

HAYBUSTER®

572™ ROUND BALER

Part 2: Parts Reference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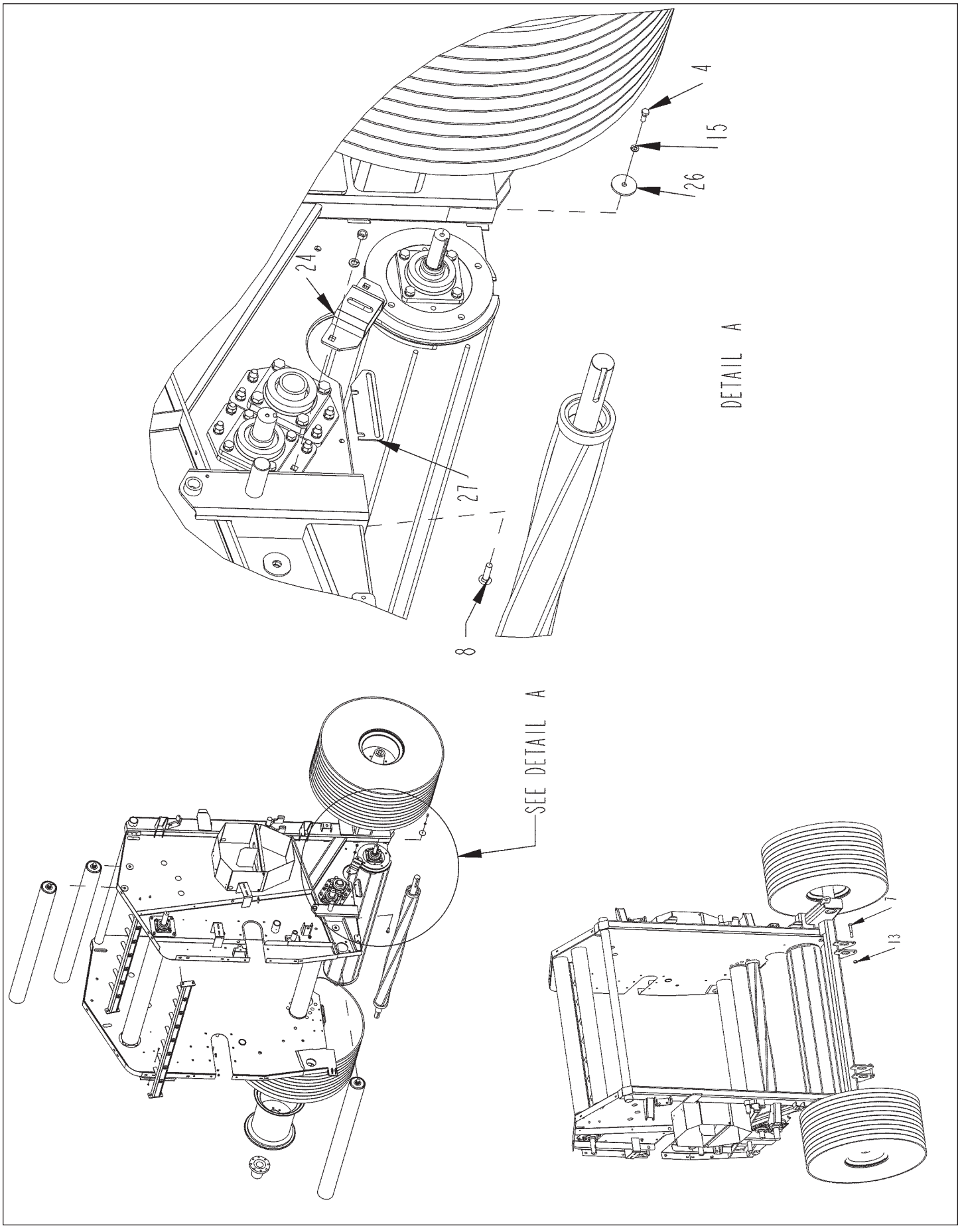
ITEM	PART	QTY.	PART DESCRIPTION
1	2600054	2	TIRE\21.5LX16.1\10PLY
2	2600650	2	WHL\8-BOLT\16.1X18\6K
3	2900026	2	HUB/WHEEL HUB(811)COMPLET
4	4800003	9	BOLT\HEX\3/8X1
5	4800024	4	BOLT\HEX\1/4X3/4
6	4800041	2	BOLT\HEX\1/2X5
7	4800139	2	BOLT\HEX\3/4X4-1/2
8	4800334	16	BOLT\CRG\1/2X2\NC
9	4900001	41	NUT\HEX\1/2\NC
10	4900002	28	NUT\HEX\3/8\NC
11	4900009	4	NUT\HEX\1/4\NC
12	4900014	2	NUT\TPLCK\1/2\NC
13	4900139	2	NUT\TPLCK\3/4\GR8\NC
14	5000006	50	WASH\LOCK\1/2
15	5000019	33	WASH\LOCK\3/8
16	5000024	4	WASH\LOCK\1/4
17	7200254	2	MNT\BALL\TWINE
18	7200302	1	ROLLER\SUPPORT\BALER
19	7200318	1	RLLR\DRIVE\UPPER\BALER
20	7200418	3	RLLR\IDLER\60”\ASSY
21	7200483	2	GUIDE\BELT
22	7200485	2	BOX\TWINE
23	7200584	1	RLLR\DRIVE\LOWER\BALER
24	7200585	1	BRKT\IDLER\DR\2ND
25	7200685	1	BRKT\VLV
26	7200750	1	WASH\SLIPCLUTCH
27	7200852	2	BRKT\GUIDE\HAY
28	7200870	2	SPINDLE\572\STRSSPRF
29	7200872	1	RLLR\STARTER\LOCK\SHAFT
	2600864	2	ASSY\21.5L16.1 W 16.1X 18 (includes #1 and #2)
	NOT SHOWN		
	1700213	4	BELT\MINIROUGHTOP\7X546
	1700215		LCNG\KIT\7”
	1700232	4	BELT\MINIROUGHTOP\7X541
	4800107	2	PIN\HAIR\1/8(#9)
	4800045	2	PIN\CLEVIS\3/4X2-1/2
	7200758	2	BRKT\STOP\CYL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4	4800003	9	BOLT\HEX\3/8X1
5	4800024	4	BOLT\HEX\1/4X3/4
6	4800041	2	BOLT\HEX\1/2X5
7	4800139	2	BOLT\HEX\3/4X4-1/2
8	4800334	16	BOLT\CRG\1/2X2\NC
9	4900001	41	NUT\HEX\1/2\NC
10	4900002	28	NUT\HEX\3/8\NC
11	4900009	4	NUT\HEX\1/4\NC
12	4900014	2	NUT\TPLCK\1/2\NC
13	4900139	2	NUT\TPLCK\3/4\GR8\NC
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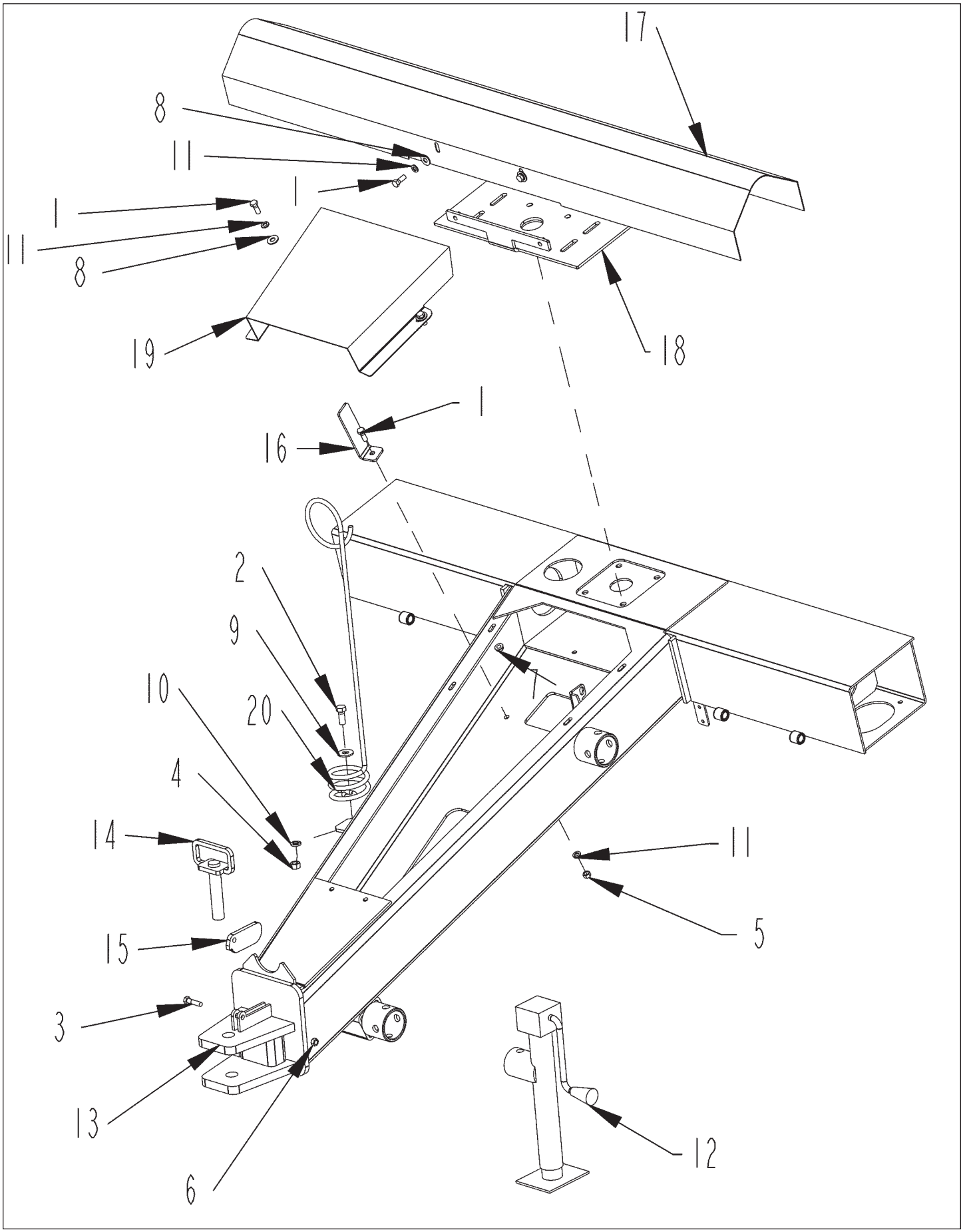
15	5000019	33	WASH\LOCK\3/8
16	5000024	4	WASH\LOCK\1/4
17	7200254	2	MNT\BALL\TWINE
18	7200302	1	ROLLER\SUPPORT\BALER
19	7200318	1	RLLR\DRIVE\UPPER\BALER
20	7200418	3	RLLR\IDLER\60”\ASSY
21	7200483	2	GUIDE\BELT
22	7200485	2	BOX\TWINE
23	7200584	1	RLLR\DRIVE\LOWER\BALER
24	7200585	1	BRKT\IDLER\DR\2ND
25	7200685	1	BRKT\VLV
26	7200750	1	WASH\SLIPCLUTCH
27	7200852	2	BRKT\GUIDE\HAY
28	7200870	2	SPINDLE\572\STRSSPRF
29	7200872	1	RLLR\STARTER\LOCK\SHAFT
	2600864	2	ASSY\21.5L16.1 W 16.1X 18 (includes #1 and #2)
	NOT SHOWN		
	1700213	4	BELT\MINIROUGHTOP\7X546
	1700215		LCNG\KIT\7”
	1700232	4	BELT\MINIROUGHTOP\7X541
	4800107	2	PIN\HAIR\1/8(#9)
	4800045	2	PIN\CLEVIS\3/4X2-1/2
	7200758	2	BRKT\STOP\CYL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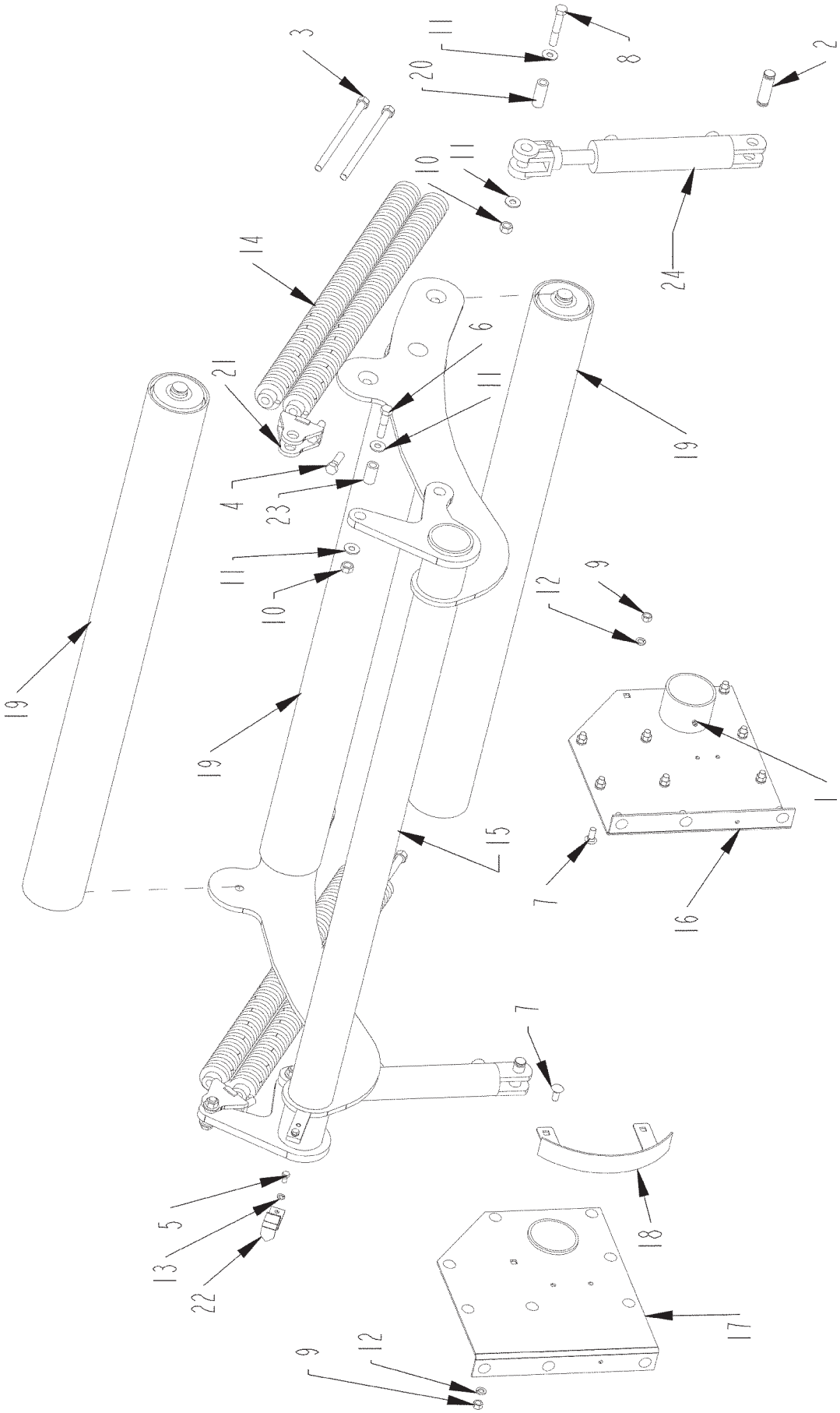
6	4900023	1	NUT\TPLCK\3/8\NC
7	4900076	4	NUT\FLG\SERR\3/8\NC
8	5000001	4	WASH\FLAT\3/8
9	5000004	1	WASH\FLAT\1/2
10	5000006	1	WASH\LOCK\1/2
11	5000019	5	WASH\LOCK\3/8
12	5800632	1	JACK\5000LB\15”\SWIVEL-STYLE
13	7200390	1	HITCH-08
14	7200581	1	PIN\HITCH
15	7200582	1	PL\RETNG
16	7200659	1	BRKT\HOSE\MINDER\HITCH
17	7200854	1	CVR\HITCH\MAIN
18	7200855	1	MNT\HITCH\MAINFRAME
19	7200856	1	CVR\PTO
20	7500170	1	HOSE MINDER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2	4100030	2	PIN 1” X 3-1/2” HYD. CYL.
3	4500380	4	BOLT\SPRING\FOLD
4	4800010	4	BOLT\HEX\5/8X2
5	4800164	2	BOLT\HEX\3/8X3/4
6	4800196	2	BOLT\HEX\5/8X2-3/4
7	4800481	22	BOLT\CRG\1/2X1-1/4\NC
8	4800524	2	BOLT\HEX\5/8X3-3/4\NC
9	4900001	22	NUT\HEX\1/2\NC
10	4900107	4	NUT\NYLCK\5/8\NC
11	5000004	8	WASH\FLAT\1/2
12	5000006	22	WASH\LOCK\1/2
13	5000019	2	WASH\LOCK\3/8
14	6100066	4	SPG\W/PLUGS\H1000-1100
15	7200202	1	ARM\TNSN\BELT
16	7200208	1	PIVOT\ARM\TNSN\BALE
17	7200209	1	PIVOT\ARM\TNSN
18	7200242	1	BRKT\SIZE\BALE
19	7200419	3	RLLR\IDLER\ASM\58”
20	7200454	2	BUSH\YOKE\CYL\TENSION
21	7200477	2	BRKT\SPRING
22	7200507	1	MNT\INDICATOR\SIZE\BALE
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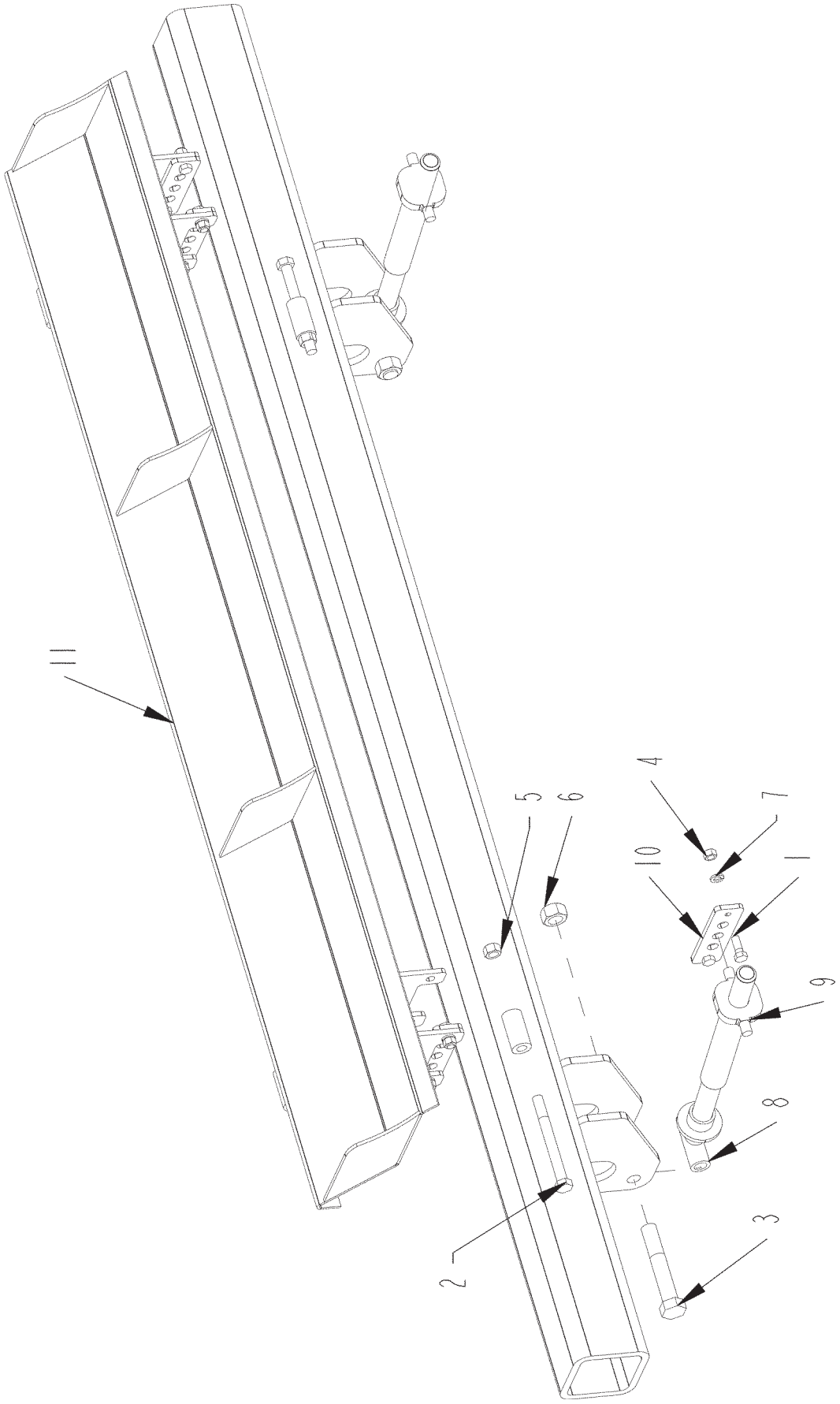
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2	4800041	2	BOLT\HEX\1/2X5
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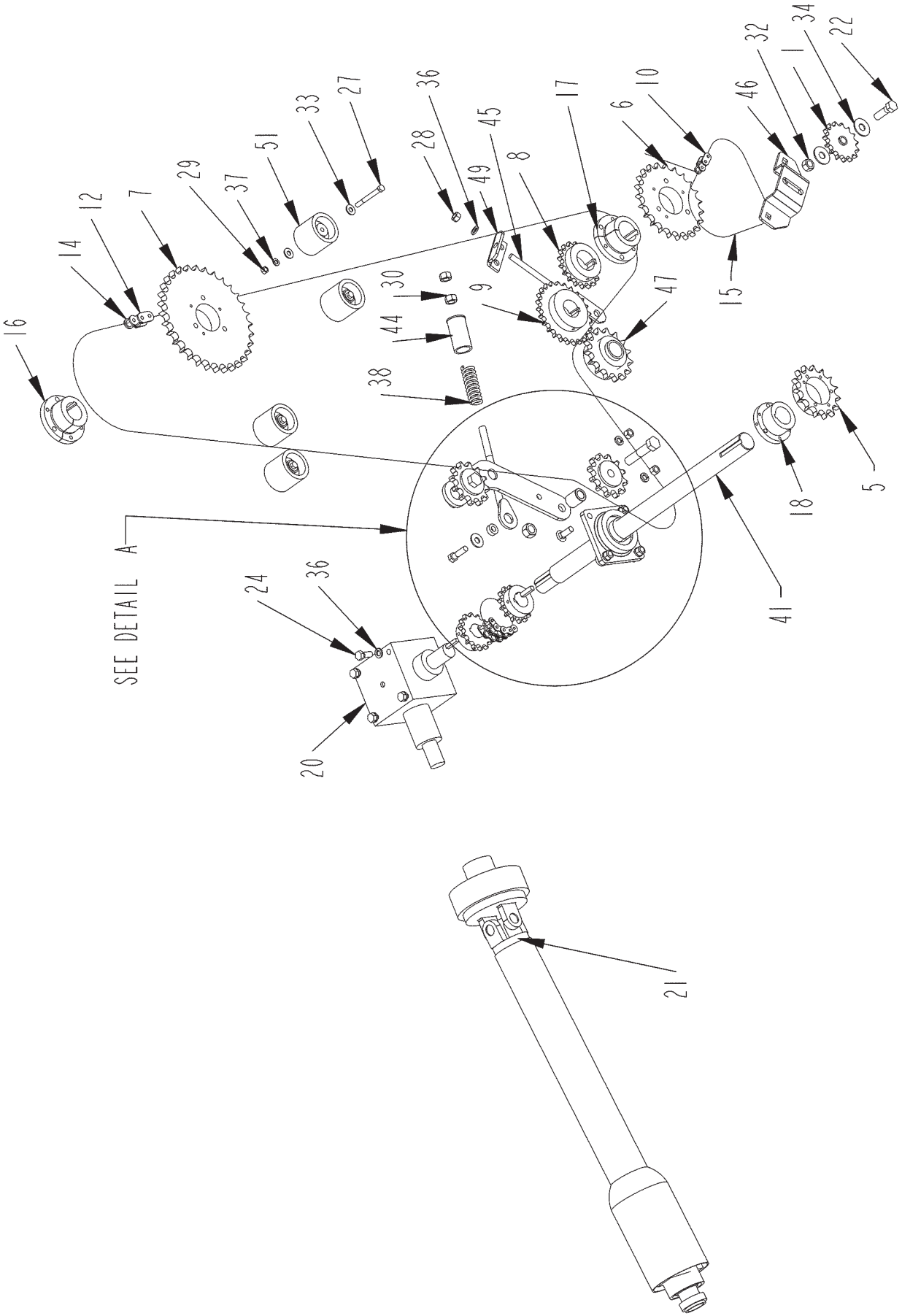
4	4900002	8	NUT\HEX\3/8\NC
5	4900014	2	NUT\TPLCK\1/2\NC
6	4900139	2	NUT\TPLCK\3/4\GR8\NC
7	5000019	8	WASH\LOCK\3/8
8	7200461	2	ROD\SPRING\ROCKTRAP\BALE
9	7200462	2	END\SPRING\ROCKTRAP
10	7200463	4	BRKT\SPRING
11	7200543	1	TRAP\ROCK\BALER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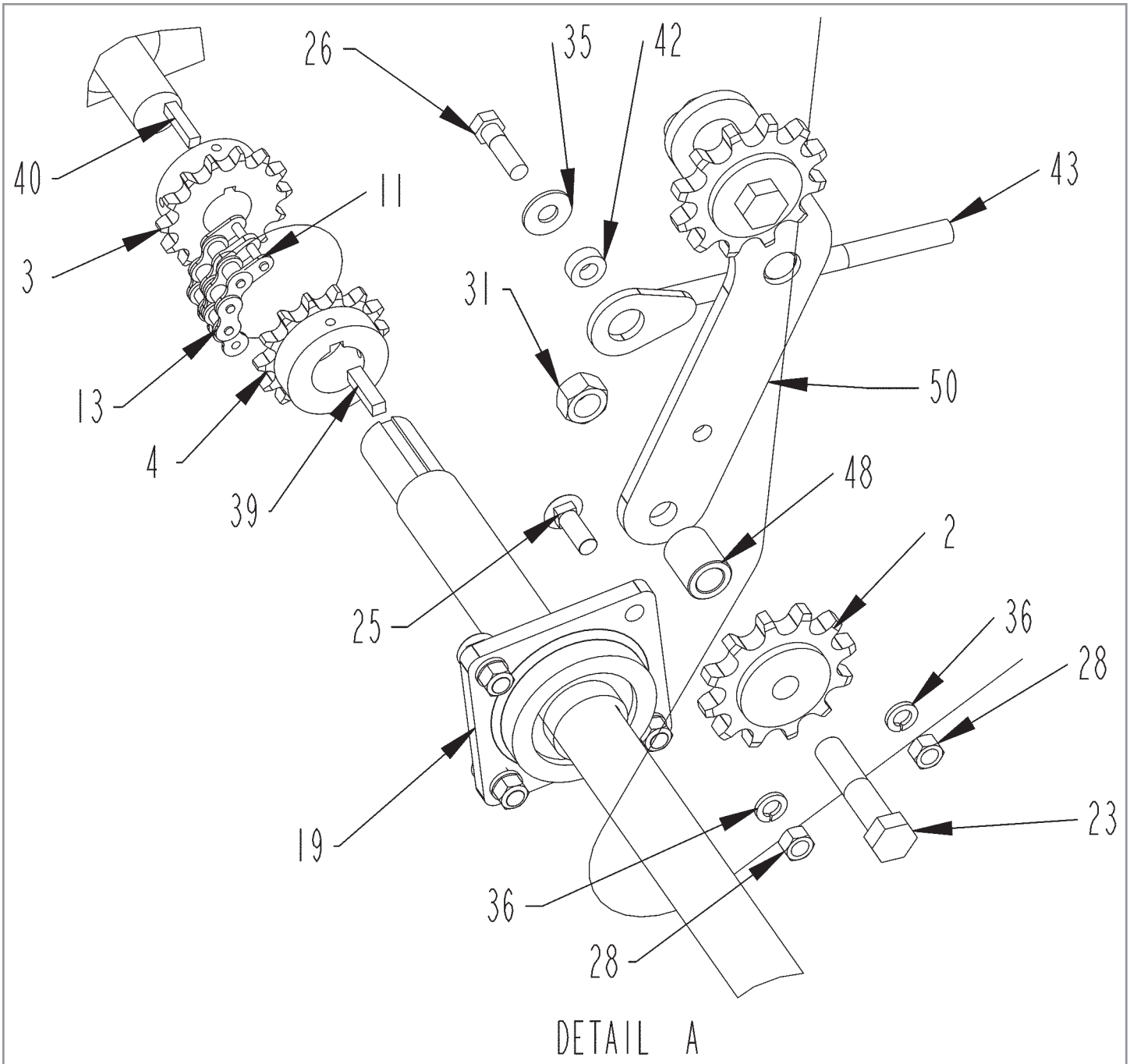
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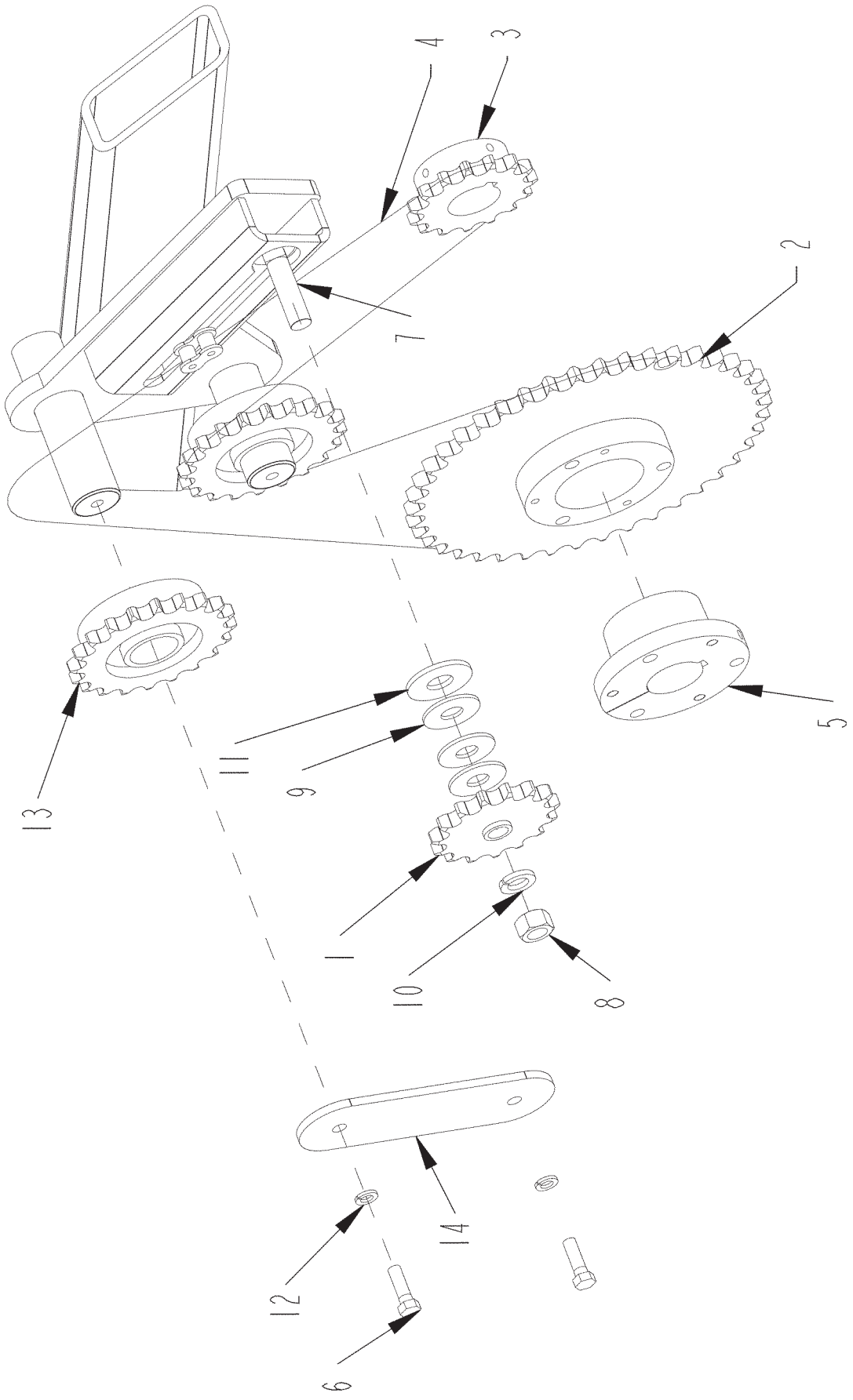
DETAIL A


HAYBUSTER®
A Tradition of Innovation Since 1966

ITEM	PART	QTY.	PART DESCRIPTION
1	1000007	1	SPKT\15\5/8\IDLER
2	1000194	2	SPKT\80\12\3/4\IDLER
3	1000260	1	SPKT\60\B\14\1-3/8\5/16KW
4	1000261	1	SPKT\60\B\14\1-1/2\5/16KW
5	1000269	1	SPKT\B\80\SK\15
6	1000270	1	SPKT\B\80\SF\23
7	1000271	1	SPKT\B\80\SF\32
8	1000296	1	SPKT\60\B\18\2\1/2KW
9	1000297	1	SPKT\60\B\25\1-3/4\3/8KW
10	1100062	1	CHAIN\60\CL
11	1100064	1	CHAIN\60DBL\CL
12	1100162	1	CHAIN\80H\CL
13	1100263	1	CHAIN\60DBL\13
14	1100289	1	CHAIN\80\
15	1100291	1	CHAIN\60\67
16	1400554	1	BUSH\QD\SF\1-3/4
17	1400578	1	BUSH\QD\SF\2
18	1400627	1	BUSH\QD\SK\1-3/4
19	2000311	1	BRG\FLG\CAST\1-3/4\4BOLT
20	3100358	1	SUPERIOR GEARBOX 1-1:35 500 SERIES
21	3600540	1	PTO\241-22645\35R\80CV\
22	4800010	1	BOLT\HEX\5/8X2
23	4800011	2	BOLT\HEX\3/4X3-1/2
24	4800018	4	BOLT\HEX\1/2X1-1/4
25	4800061	4	BOLT\CRG\1/2X1-1/2\NC
26	4800178	1	BOLT\HEX\1/2X1-3/4
27	4800197	4	BOLT\HEX\3/8X3-1/2
28	4900001	6	NUT\HEX\1/2\NC
29	4900002	4	NUT\HEX\3/8\NC
30	4900005	2	NUT\HEX\5/8\NC
31	4900106	2	NUT\NYLCK\3/4\NC
32	4900107	1	NUT\NYLCK\5/8\NC
33	5000001	8	WASH\FLAT\3/8
34	5000002	3	WASH\FLAT\5/8
35	5000004	1	WASH\FLAT\1/2
36	5000006	10	WASH\LOCK\1/2
37	5000019	4	WASH\LOCK\3/8
38	6100076	1	SPRING\1-1/4 O.D. X 3-3/4 LONG X 3/16 WIRE X 10 COILS
39	6200021	1	KEY\SQ\3/8X1-1/2\HARDEND
40	6200022	1	KEY\SQ\5/16X1-1/2\HARDEND
41	7200288	1	SHFT\DRIVE\GRBX
42	7200501	1	MNT\BSH\ADJ\CHAIN
43	7200502	1	BRKT\ROD\ADJ\CHAIN
44	7200503	1	BRKT\LIMIT\SPRING
45	7200545	1	BRKT\ADJ\CHAIN\BALER
46	7200585	1	BRKT\IDLER\DR\2ND
47	7200653	1	SPKT\IDLER\80\15
48	7200661	2	TUBE\SPACER\IDLER\80
49	7200688	1	BRKT\ADJ\CHAIN\BALER
50	7200741	1	BRKT\IDLER\CHAIN\DUAL
51	7501147	4	RLLR\3”OD\3/8” ID\2”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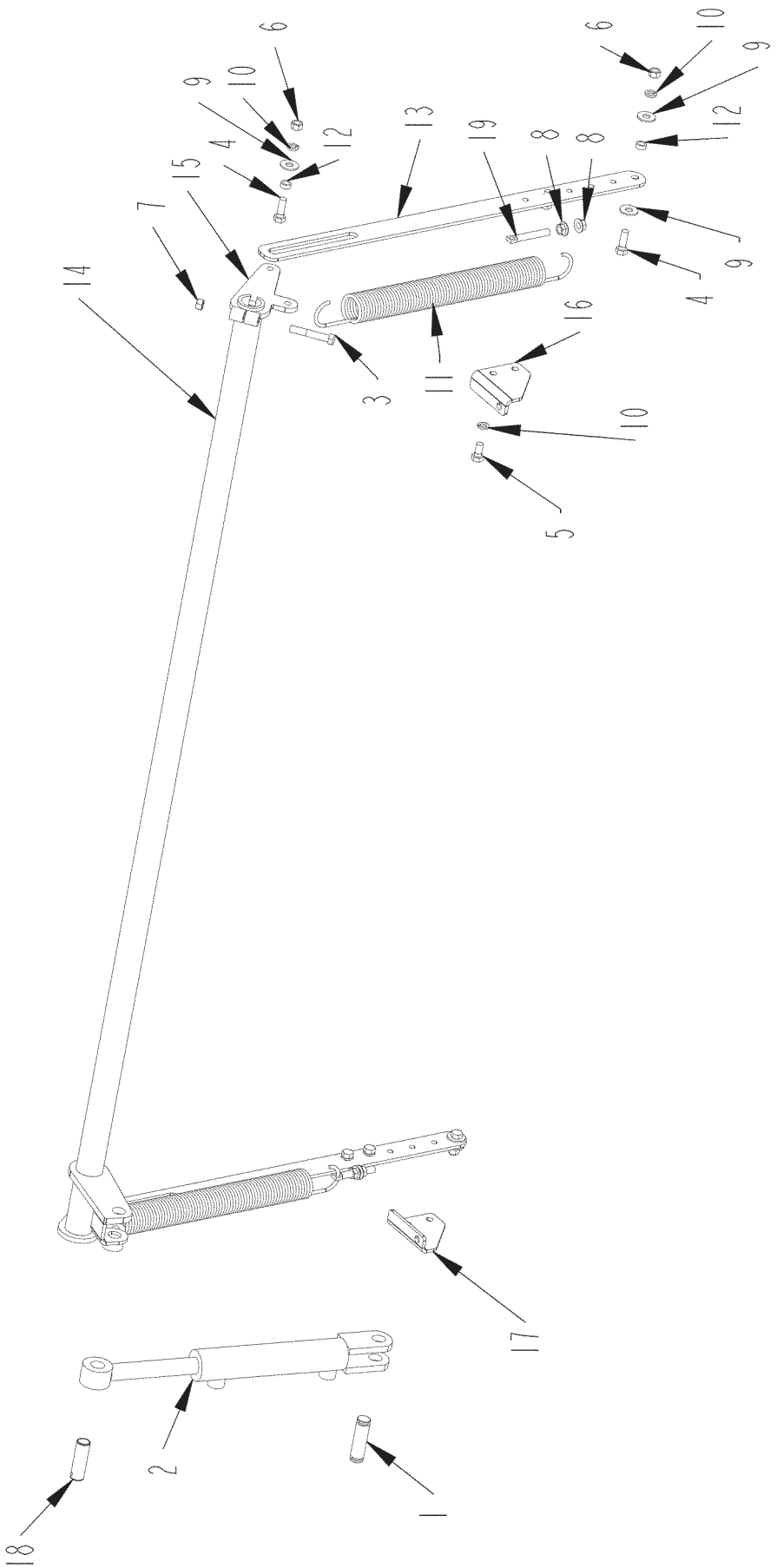
ITEM	PART	QTY.	PART DESCRIPTION
1	1000007	1	SPKT\15\5/8\IDLER
2	1000272	1	SPKT\B\60\SF\42
3	1000298	1	SPKT\60\B\15\1-5/8\3/8
4	1100290	1	CHAIN\60\121
5	1400554	1	BUSH\QD\SF\1-3/4
6	4800098	2	BOLT\HEX\3/8X1-1/4\NC
7	4801232	1	BOLT\CRG\5/8X2-1/2
8	4900070	1	NUT\HEX\5/8\GR8\NC
9	5000002	3	WASH\FLAT\5/8
10	5000003	1	WASH\LOCK\5/8
11	5000005	1	WASH\FLAT\3/4
12	5000019	2	WASH\LOCK\3/8
13	7200652	2	SPKT\IDLER\60\20
14	7200682	1	STRAP\SHFT\DRIVE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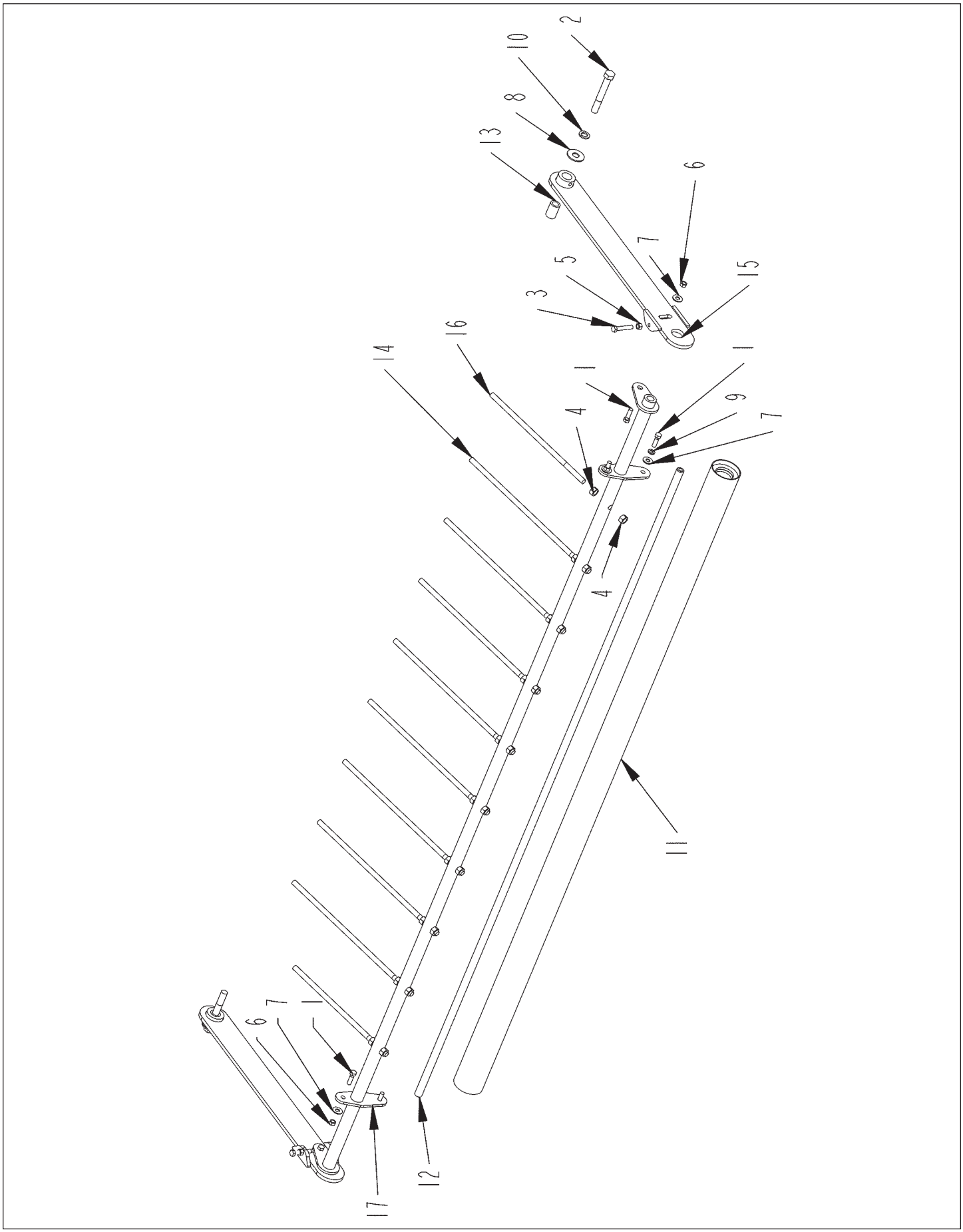
ITEM	PART	QTY.	PART DESCRIPTION
1	4100030	1	PIN 1” X 3-1/2” HYD. CYL.
2	4100252	1	CYL\HYD\3X24\1-1/2RD\WELD
3	4800068	1	BOLT\HEX\1/2X3
4	4800082	4	BOLT\HEX\1/2X1-1/2
5	4800085	4	BOLT\HEX\1/2X1
6	4900001	4	NUT\HEX\1/2\NC
7	4900014	1	NUT\TPLCK\1/2\NC
8	4900133	4	NUT\FLG\1/2\NC
9	5000004	6	WASH\FLAT\1/2
10	5000006	8	WASH\LOCK\1/2
11	6100087	2	1 O.D. X 4 5/16 SPRING
12	7200237	4	TUBE\LATCH\GATE
13	7200362	2	LINKAGE\LIFT\PICKUP\BALER
14	7200363	1	TUBE\LIFT\PICKUP\BALER
15	7200364	1	ARM\LIFT\PICKUP\BALER
16	7200579	1	BRKT\ASSIST\SPRING\PICKUP\LH
17	7200580	1	BRKT\ASSIST\SPRING\PICKUP\RH
18	7200671	1	PIN\STRAP\LIFT\MANUAL
19	7500812	2	ROD\ARM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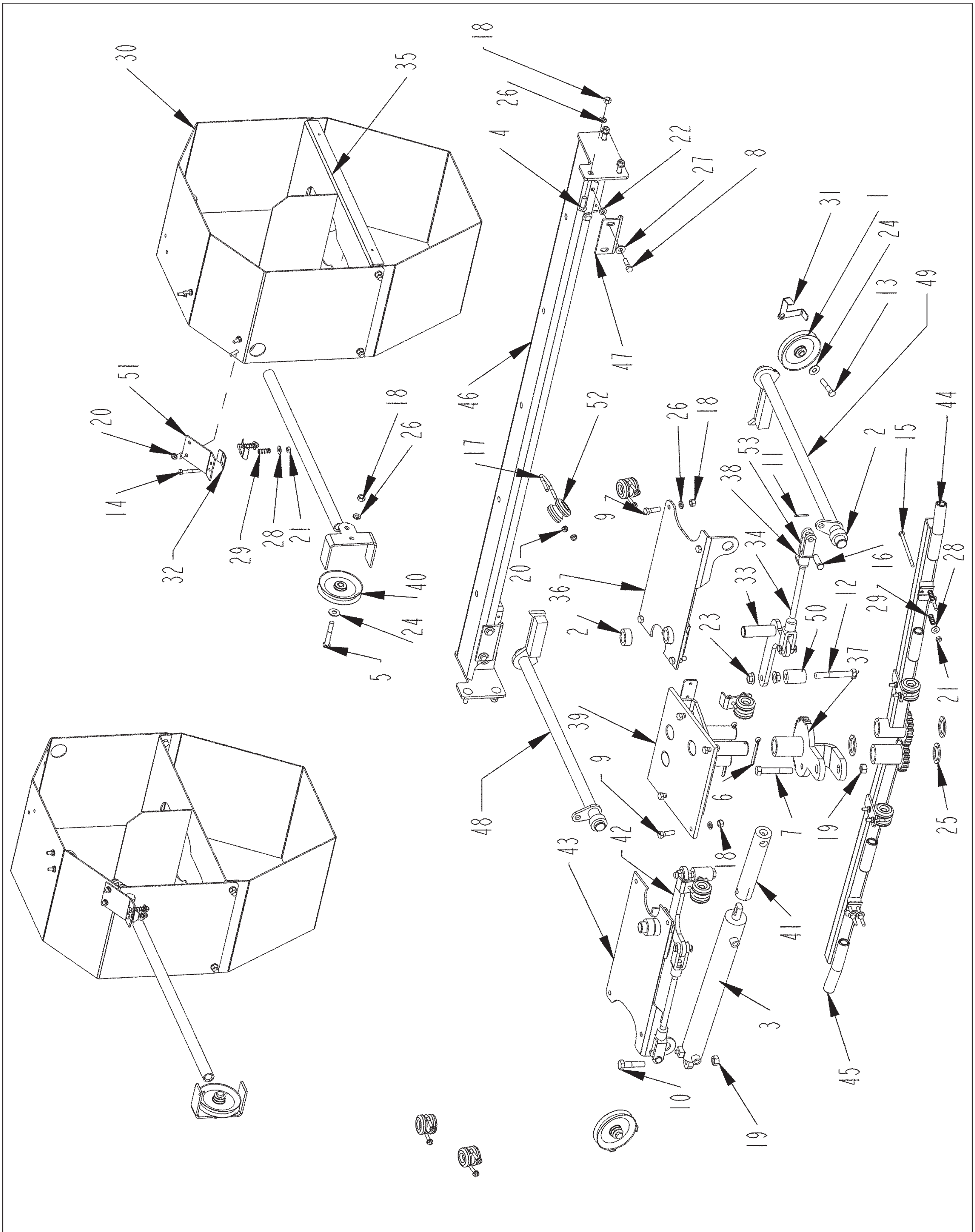
ITEM	PART	QTY.	PART DESCRIPTION
1	4800098	6	BOLT\HEX\3/8X1-1/4\NC
2	4800158	2	BOLT\HEX\5/8X4-1/2
3	4801207	2	BOLT\HEX\3/8X2\FULL_THD
4	4900001	20	NUT\HEX\1/2\NC
5	4900002	2	NUT\HEX\3/8\NC
6	4900023	4	NUT\TPLCK\3/8\NC
7	5000001	6	WASH\FLAT\3/8
8	5000002	2	WASH\FLAT\5/8
9	5000019	2	WASH\LOCK\3/8
10	5000020	2	WASH\LOCK\STAR\5/8
11	7200520	1	RLLR\UPPER\NETWRAP
12	7200550	1	SHFT\RLLR\WRAP\NET
13	7200708	2	BUSH\1”ODX5/8”ID\1-1/2”L
14	7200710	8	ROD\WINDGUARD\THREADED\18”
15	7200711	2	ASM\ARM\PIVOT
16	7200714	2	ROD\WINDGUARD\THREADED\14”
17	7200715	1	WLDMNT\WINDGUARD
	7200709		**GUARD\WIND\ROLLER**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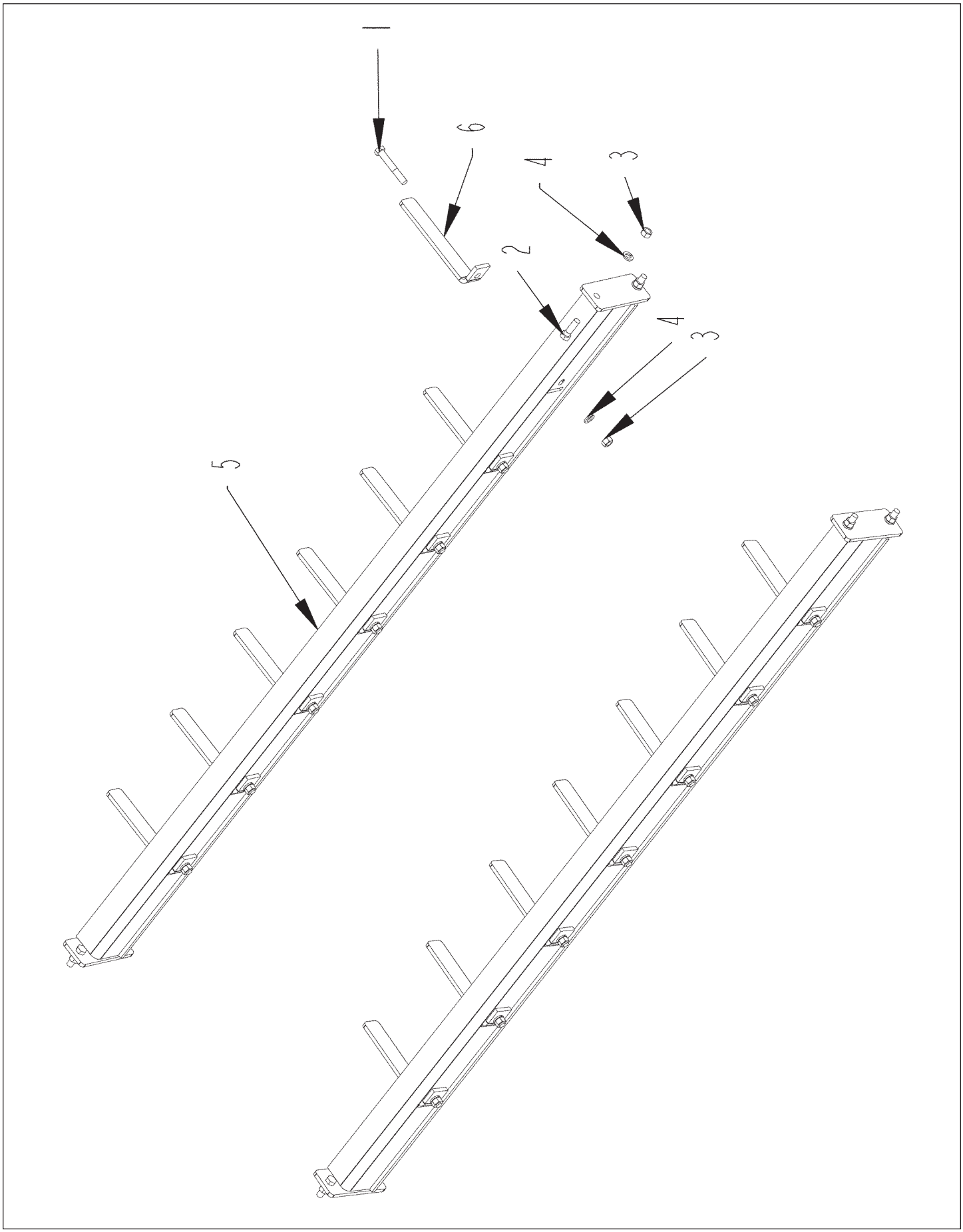
ITEM	PART	QTY.	PART DESCRIPTION
1	1400092	4	SHVE\A\4\IDLER\34-037
2	2000809	4	CLLOR\SHFT\1\(SET)
3	4100283	1	CYL\HYD\1-1/2X8X3/4MLRT
4	4800012	6	BOLT\CRG\3/8X1-1/4\NC
5	4800029	2	BOLT\HEX\3/8X2-1/2
6	4800043	3	PIN\COT\1/4X2-1/2
7	4800068	1	BOLT\HEX\1/2X3
8	4800071	4	BOLT\HEX\5/16X1-1/4
9	4800098	8	BOLT\HEX\3/8X1-1/4\NC
10	4800114	1	BOLT\HEX\1/2X2
11	4800127	4	PIN\COT\1/8X1
12	4800135	2	BOLT\HEX\1/2X3-1/2
13	4800142	2	BOLT\HEX\3/8X1-3/4
14	4800506	4	BOLT\HEX\1/4X1-3/4\NC
15	4800545	4	BOLT\HEX\1/4X4-1/2
16	4800610	4	PIN\CLEVIS\1/2X1-1/2
17	4800950	12	BOLT\U\1/4-20\1-1/4”ID\2-1/4”INSIDE LNGTH
18	4900002	23	NUT\HEX\3/8\NC
19	4900014	2	NUT\TPLCK\1/2\NC
20	4900040	24	NUT\FLG\SERR\1/4\NC
21	4900084	8	NUT\TPLCK\1/4\NC
22	4900108	4	NUT\FLG\SERR\5/16\NC
23	4900133	4	NUT\FLG\1/2\NC
24	5000001	6	WASH\FLAT\3/8
25	5000007	3	WASH\1-1/4\MACH\BUSH
26	5000019	25	WASH\LOCK\3/8
27	5000023	4	WASH\FLAT\5/16
28	5000035	8	WASH\FLAT\1/4
29	6100023	6	SPRG\COMP\.403ID\.0385WD\1L
30	7200254	2	MNT\BALL\TWINE
31	7200256	2	GUIDE\TWINE
32	7200331	8	BRKT\TENSIONER\TWINE
33	7200429	1	TWINE\CUTTER\BELL
34	7200430	2	ROD\ADJ\TWINECUTTER
35	7200485	2	BOX\TWINE
36	7200504	1	MNT\BELLCRANK\TWINE
37	7200513	1	DRIVE\ARM\TWINE
38	7200514	2	MNT\SPRING\TWINE
39	7200547	1	MNT\TWINEARM\DUAL
40	7200651	2	PLLY\SNSR\TWINE
41	7200664	1	BUSH\RODEND\TWINEARM
42	7200695	1	TWINE\CUTTER\BELL
43	7200696	1	MNT\BELLCRANK\TWIN
44	7200697	1	ARM\TWINE\LH
45	7200698	1	ARM\TWINE\RH
46	7200723	1	ASM\TWINECUT\ONEPIECE
47	7200725	2	ANVL\TWINE\SHORT
48	7200748	1	TUBE\CUTTER\TWINE\RH
49	7200749	1	TUBE\CUTTER\TWINE\LH
50	7200801	2	BUSH\TIE\TWINE
51	7200805	2	BRKT\TWINE
52	7500212	12	PORECLAIN SPOOL (GUIDE)
53	7501144	4	CLEVIS\ADJ\1/2NFT\1/2PIN
	NOT SHOWN		
	6100081	2	SPG\EXT\4X27/32ID\.106WD
	7501478	2	KNIFE\CUTTER\TWINE\4”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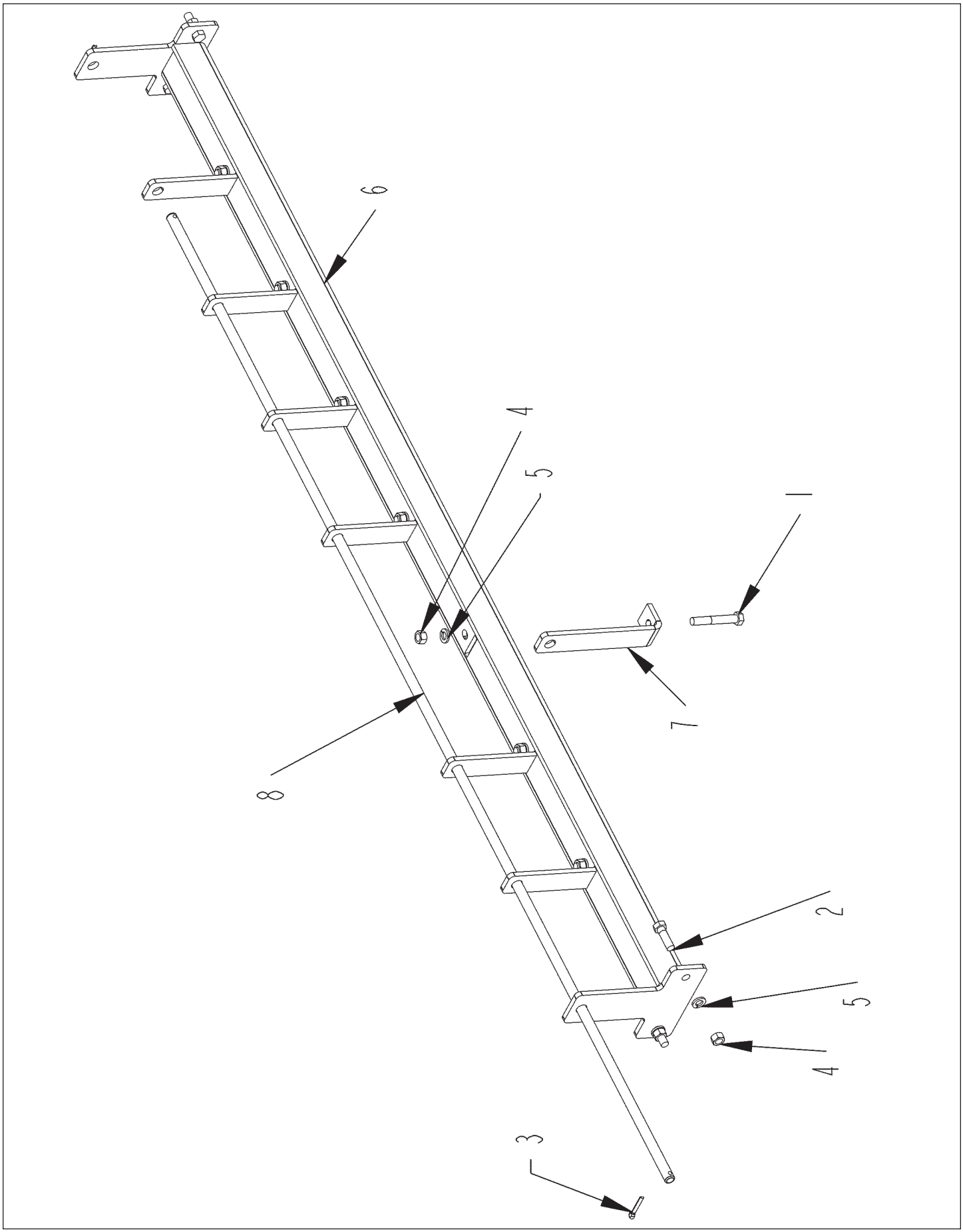
ITEM	PART	QTY.	PART DESCRIPTION
1	4800029	14	BOLT\HEX\3/8X2-1/2
2	4800098	8	BOLT\HEX\3/8X1-1/4\NC
3	4900002	22	NUT\HEX\3/8\NC
4	5000019	22	WASH\LOCK\3/8
5	7200433	2	BRKT\GUIDE\BELT
6	7200594	14	BRKT\BAR\GUIDE\BELT
	7200483	**2**	**GUIDE\BELT**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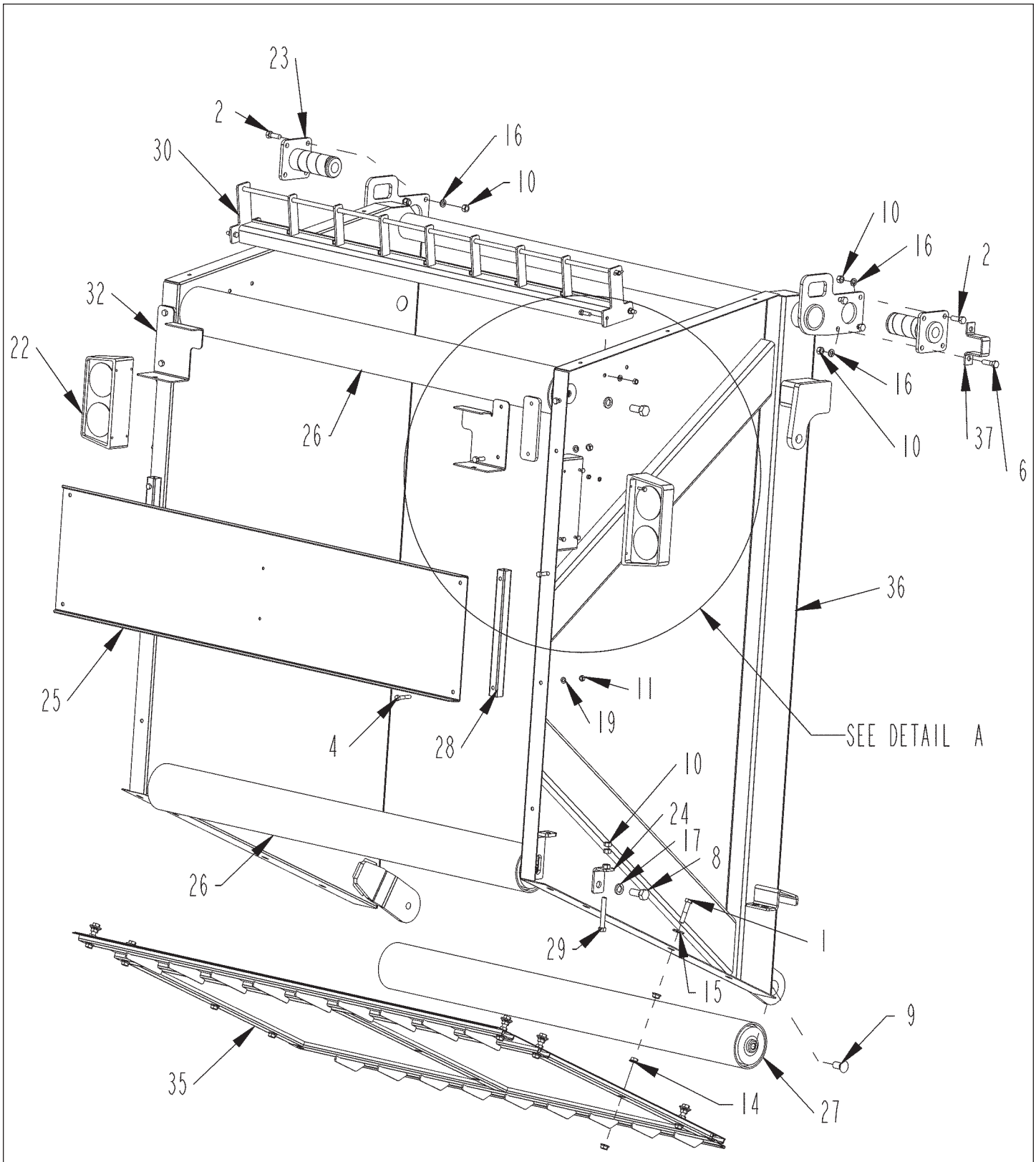
ITEM	PART	QTY.	PART DESCRIPTION
1	4800029	7	BOLT\HEX\3/8X2-1/2
2	4800098	4	BOLT\HEX\3/8X1-1/4\NC
3	4800533	2	PIN\COT\3/16X1
4	4900002	11	NUT\HEX\3/8\NC
5	5000019	11	WASH\LOCK\3/8
6	7200434	1	BRKT\GUIDE\BELT
7	7200656	7	BRKT\BAR\GUIDE\BELT
8	7200657	1	ROD\GUIDE\BELT
	7200484		**GUIDE\BELT**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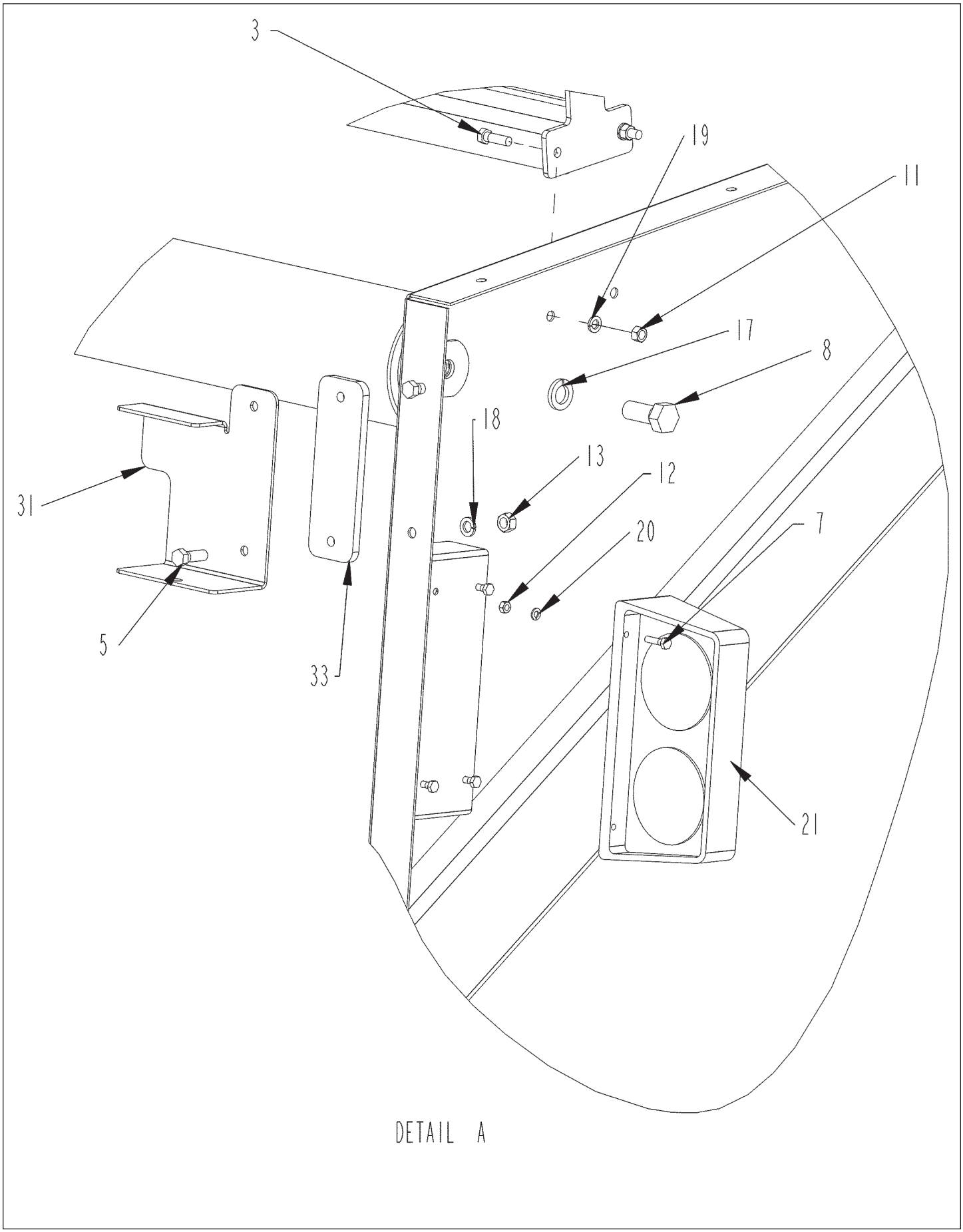
ITEM	PART	QTY.	PART DESCRIPTION
1	4800070	8	BOLT\HEX\1/2X2-1/2
2	4800082	6	BOLT\HEX\1/2X1-1/2
3	4800098	4	BOLT\HEX\3/8X1-1/4\NC
4	4800146	4	BOLT\HEX\3/8X2
5	4800160	4	BOLT\HEX\7/16X1-1/4
6	4800178	2	BOLT\HEX\1/2X1-3/4
7	4800277	8	BOLT\HEX\1/4X1
8	4800469	4	BOLT\HEX\3/4X1-3/4
9	4801202	2	SCR\CSK\3/4X1-1/2
10	4900001	16	NUT\HEX\1/2\NC
11	4900002	15	NUT\HEX\3/8\NC
12	4900009	8	NUT\HEX\1/4\NC
13	4900025	4	NUT\HEX\7/16\NC
14	4900100	24	NUT\FLG\TPLCK\1/2\NC
15	5000004	8	WASH\FLAT\1/2
16	5000006	8	WASH\LOCK\1/2
17	5000012	4	WASH\LOCK\3/4
18	5000015	4	WASH\LOCK\7/16
19	5000019	15	WASH\LOCK\3/8
20	5000024	8	WASH\LOCK\1/4
21	5700715	1	KIT\LIGHT
22	5700716	1	KIT\LIGHT
23	7200224	2	HINGE\GATE
24	7200228	2	BRKT\RLLR\ADJ
25	7200269	1	CHNNL\LIGHT\SMV
26	7200418	2	RLLR\IDLER\60”\ASSY
27	7200419	1	RLLR\IDLER\ASM\58”
28	7200480	2	TUBE\SPACER\TAILGATE
29	7200482	2	BOLT\ADJ\ROLLER
30	7200484	1	GUIDE\BELT
31	7200609	1	BRKT\SHAPE\BALE\RH
32	7200610	1	BRKT\SHAPE\BALE\LH
33	7200611	2	BRKT\SPACER\BALESHAPE
34	7200743	1	GATE\TAIL\ANGLED\COMPLETE
35	7200744	1	PAN\LEAF\STRAIGHT
36	7200745	1	GATE\TAIL\ANGLED\COMPLETE
37	7200760	1	GUIDE\HOSE
	7200743		**GATE\TAIL\ANGLED\COMPLETE**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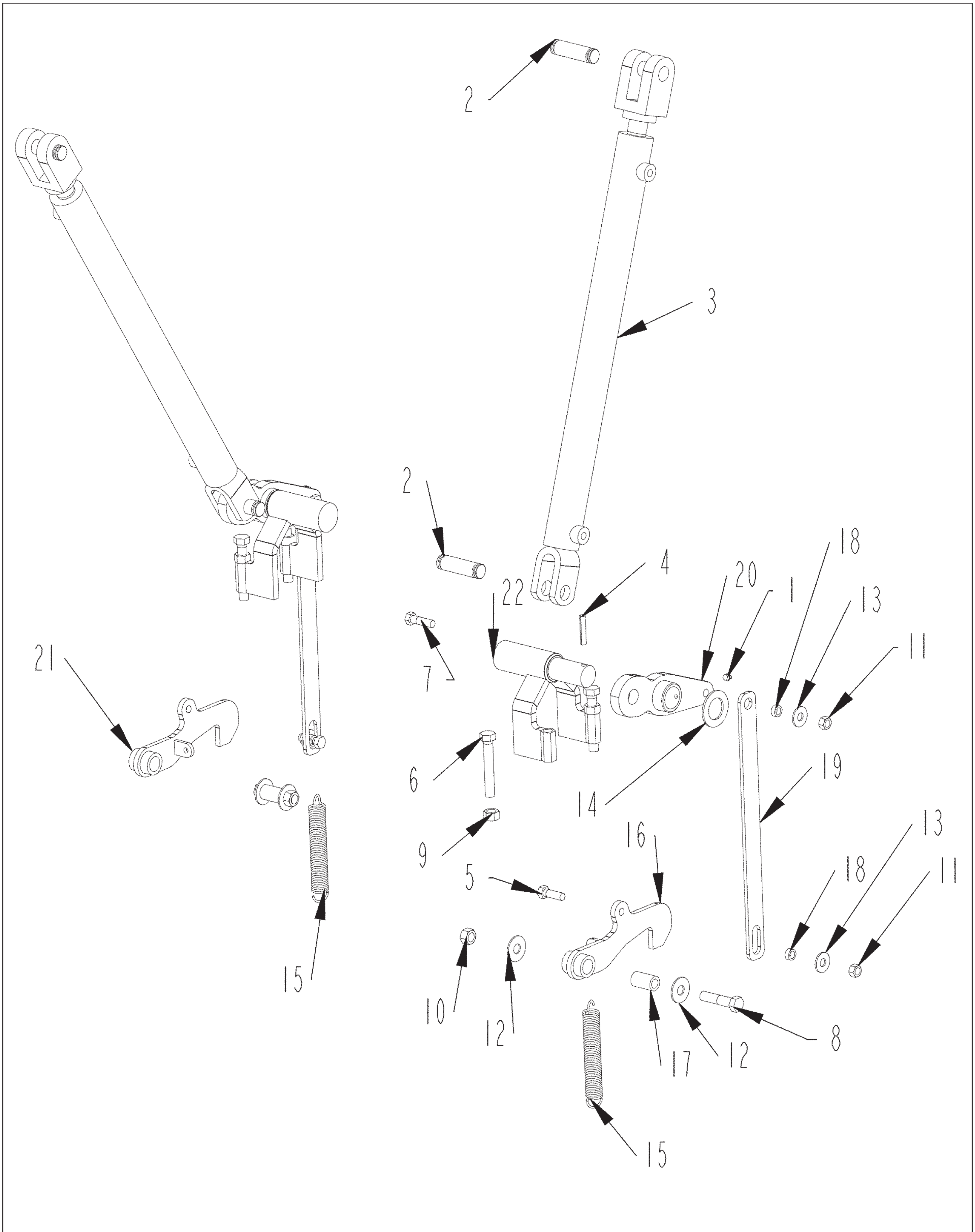
ITEM	PART	QTY.	PART DESCRIPTION
1	4800070	8	BOLT\HEX\1/2X2-1/2
2	4800082	6	BOLT\HEX\1/2X1-1/2
3	4800098	4	BOLT\HEX\3/8X1-1/4\NC
4	4800146	4	BOLT\HEX\3/8X2
5	4800160	4	BOLT\HEX\7/16X1-1/4
6	4800178	2	BOLT\HEX\1/2X1-3/4
7	4800277	8	BOLT\HEX\1/4X1
8	4800469	4	BOLT\HEX\3/4X1-3/4
9	4801202	2	SCR\CSK\3/4X1-1/2
10	4900001	16	NUT\HEX\1/2\NC
11	4900002	15	NUT\HEX\3/8\NC
12	4900009	8	NUT\HEX\1/4\NC
13	4900025	4	NUT\HEX\7/16\NC
14	4900100	24	NUT\FLG\TPLCK\1/2\NC
15	5000004	8	WASH\FLAT\1/2
16	5000006	8	WASH\LOCK\1/2
17	5000012	4	WASH\LOCK\3/4
18	5000015	4	WASH\LOCK\7/16
19	5000019	15	WASH\LOCK\3/8
20	5000024	8	WASH\LOCK\1/4
21	5700715	1	KIT\LIGHT
22	5700716	1	KIT\LIGHT
23	7200224	2	HINGE\GATE
24	7200228	2	BRKT\RLLR\ADJ
25	7200269	1	CHNNL\LIGHT\SMV
26	7200418	2	RLLR\IDLER\60”\ASSY
27	7200419	1	RLLR\IDLER\ASM\58”
28	7200480	2	TUBE\SPACER\TAILGATE
29	7200482	2	BOLT\ADJ\ROLLER
30	7200484	1	GUIDE\BELT
31	7200609	1	BRKT\SHAPE\BALE\RH
32	7200610	1	BRKT\SHAPE\BALE\LH
33	7200611	2	BRKT\SPACER\BALESHAPE
34	7200743	1	GATE\TAIL\ANGLED\COMPLETE
35	7200744	1	PAN\LEAF\STRAIGHT
36	7200745	1	GATE\TAIL\ANGLED\COMPLETE
37	7200760	1	GUIDE\HOSE
	7200743		**GATE\TAIL\ANGLED\COMPLETE**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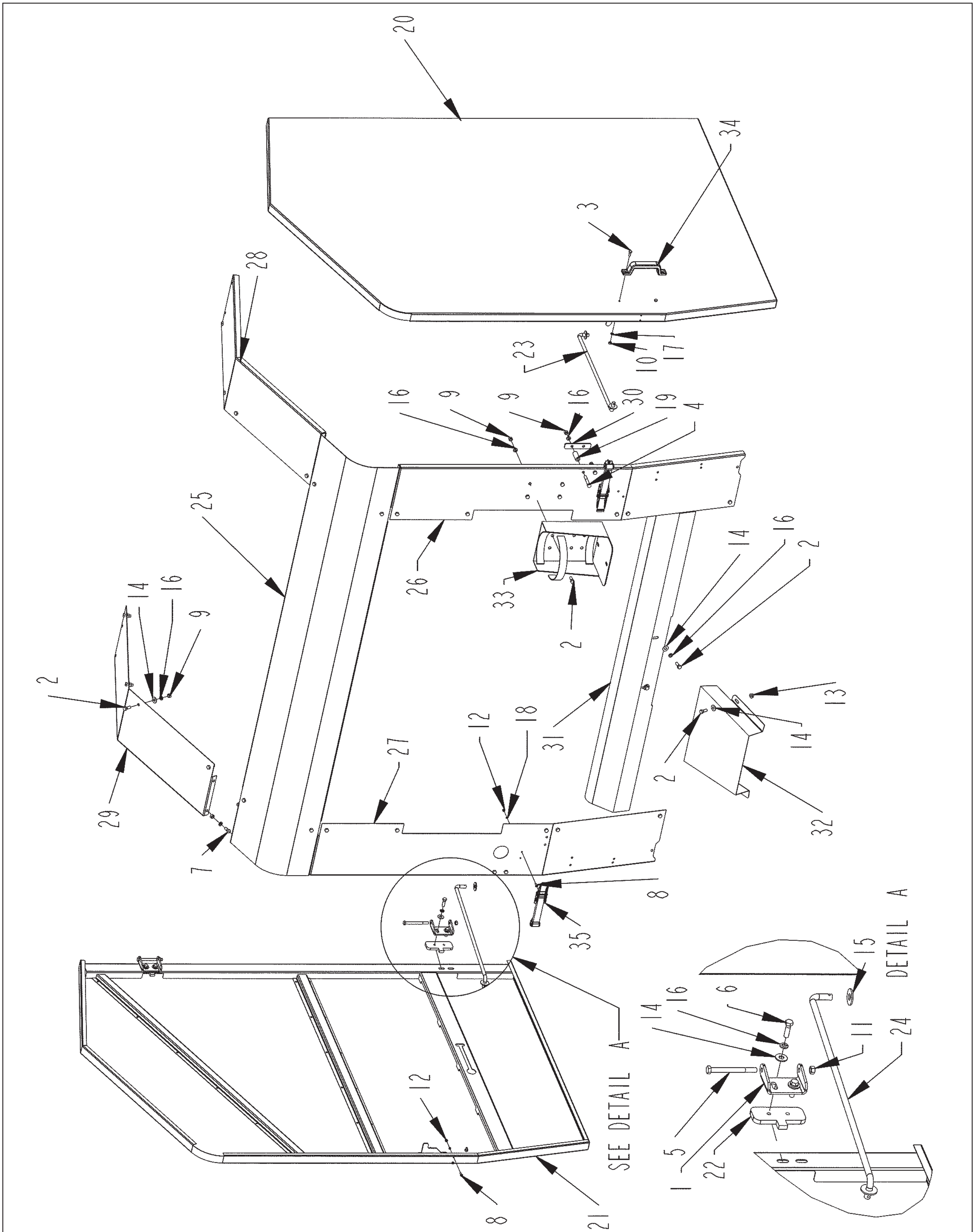
ITEM	PART	QTY.	PART DESCRIPTION
1	3800043	2	FTG\LUB\1/8MPXZRK\SHORT
2	4100030	4	PIN 1” X 3-1/2” HYD. CYL.
3	4100241	2	CYL\HYD\2X24\1-1/4ROD
4	4800022	2	PIN\RLLD\3/8X2
5	4800082	2	BOLT\HEX\1/2X1-1/2
6	4800176	4	BOLT\HEX\5/8X4\FULL THRD
7	4800178	2	BOLT\HEX\1/2X1-3/4
8	4800196	2	BOLT\HEX\5/8X2-3/4
9	4900005	4	NUT\HEX\5/8\NC
10	4900012	2	NUT\TPLCK\5/8\NC
11	4900014	4	NUT\TPLCK\1/2\NC
12	5000002	4	WASH\FLAT\5/8
13	5000004	4	WASH\FLAT\1/2
14	5000008	2	WASH\MACH\1-1/2IDX10GA\NR
15	6100009	2	SPRING.156OT 63/64OD13LIH
16	7200234	1	LATCH\GATE
17	7200235	2	BUSH\LATCH\GATE
18	7200237	4	TUBE\LATCH\GATE
19	7200247	2	LINK\LATCH\GATE
20	7200278	2	BRKT\CYL\GATE
21	7200281	1	LATCH\GATE
22	7200575	1	MAINFRAME\BALER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SEE DETAIL A
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DETAIL A
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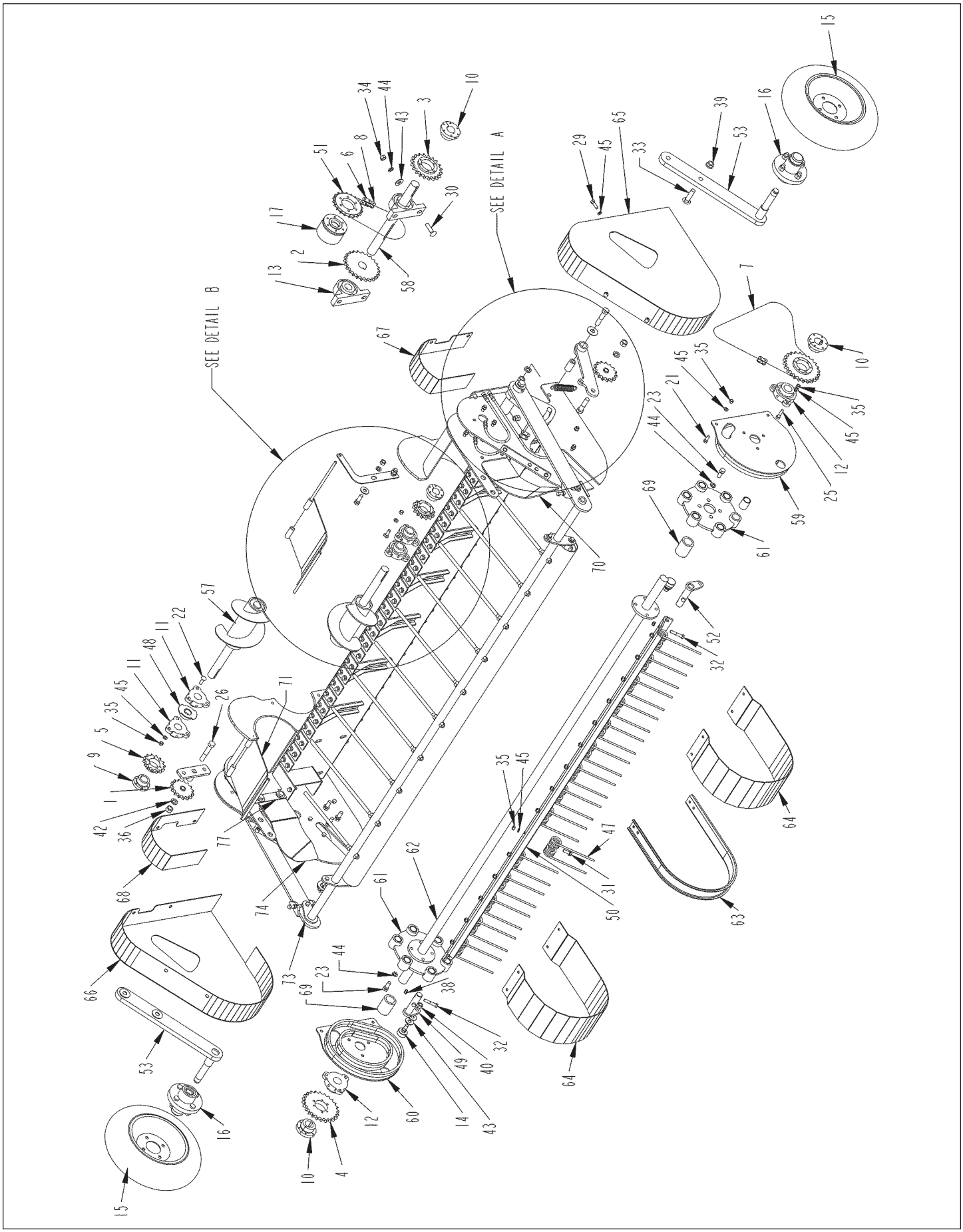
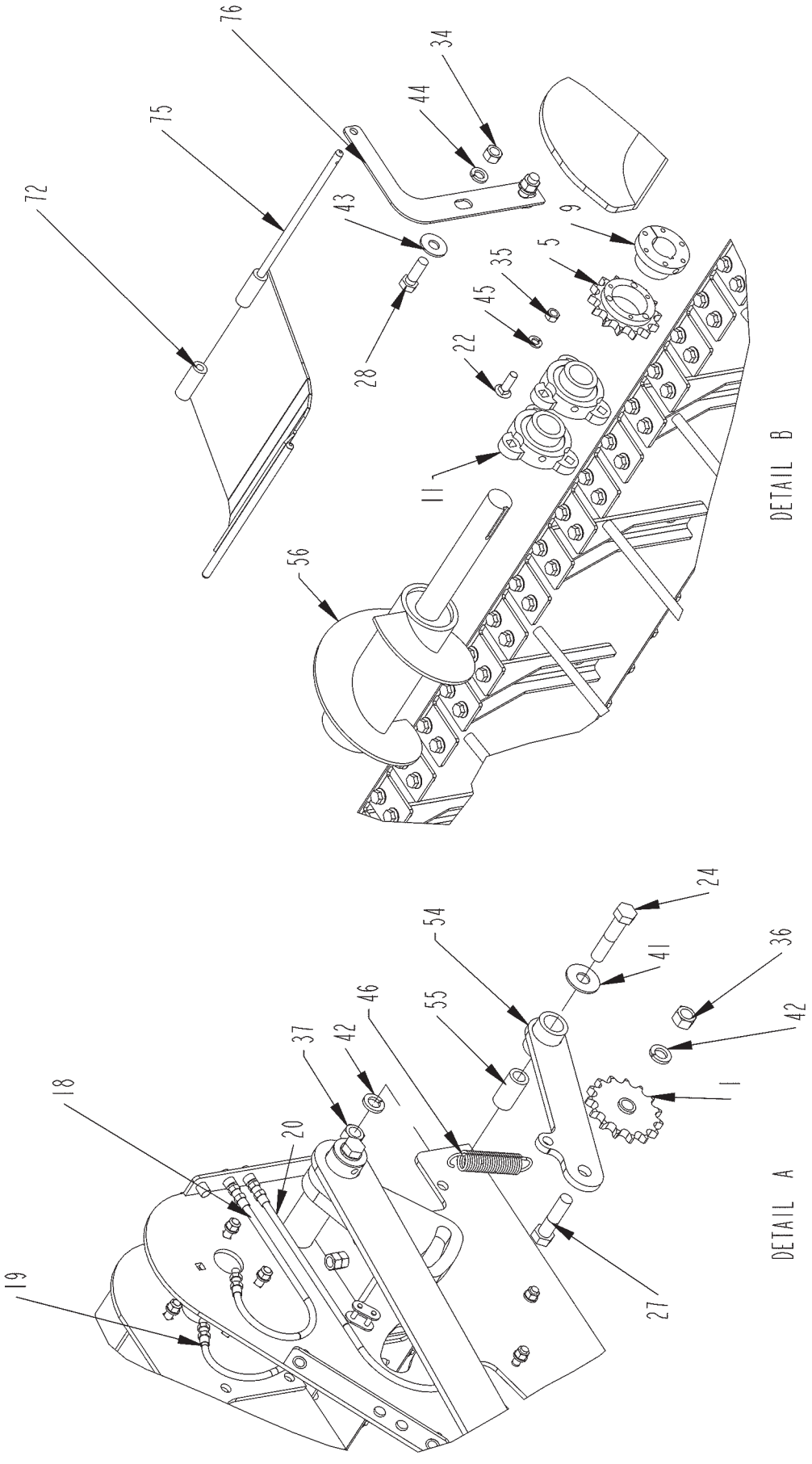
SHIELD ASSEMBLY

ITEM	PART	QTY.	PART DESCRIPTION
1	4703577	4	HINGE\FAB\3\BASE
2	4800003	30	BOLT\HEX\3/8X1
3	4800024	4	BOLT\HEX\1/4X3/4
4	4800029	4	BOLT\HEX\3/8X2-1/2
5	4800089	4	BOLT\HEX\3/8X4
6	4800098	8	BOLT\HEX\3/8X1-1/4\NC
7	4800164	8	BOLT\HEX\3/8X3/4
8	4800657	8	SCR\RD\PHL\#10-24X5/8
9	4900002	38	NUT\HEX\3/8\NC
10	4900009	4	NUT\HEX\1/4\NC
11	4900023	4	NUT\TPLCK\3/8\NC
12	4900072	8	NUT\HEX\#10\NC
13	4900076	2	NUT\FLG\SERR\3/8\NC
14	5000001	34	WASH\FLAT\3/8
15	5000004	4	WASH\FLAT\1/2
16	5000019	49	WASH\LOCK\3/8
17	5000024	4	WASH\LOCK\1/4
18	5000071	8	WASH\LOCK;EXT\STAR\#10
19	7200265	4	BUSH\LATCH\DOOR
20	7200282	1	SHLD\SIDE\LEFT
21	7200283	1	SHLD\SIDE\RIGHT
22	7200292	4	NUT\HINGE\DOOR
23	7200294	1	ROD\PROP\DOOR
24	7200295	1	ROD\PROP\DOOR\RH
25	7200486	1	SH\FRAME
26	7200487	1	BRKT\SHIELD\SIDE
27	7200488	1	BRKT\SHIELD\SIDE
28	7200489	1	BRKT\SHIELD\SIDE
29	7200490	1	BRKT\SHIELD\SIDE
30	7200654	2	BRKT\LATCH\DOOR
31	7200854	1	CVR\HITCH\MAIN
32	7200856	1	CVR\PTO
33	7500853	1	BRKT\EXTINGUISHER\20LB
34	7501357	2	HNDL\PULL\6\2-BOLT
35	7501358	2	LATCH\DRAW\SOUTHCO\9.5”


SEE DETAIL A
SEE DETAIL B

ITEM	PART	QTY.	PART DESCRIPTION
1	1000007	3	SPKT\15\5/8\IDLER
2	1000284	1	SPKT\60\B\24\1-3/8\5/16
3	1000287	1	SPKT\B\60\SDS\20
4	1000288	2	SPKT\B\60\SDS\24
5	1000289	2	SPKT\B\60\SH\14
6	1100062	3	CHAIN\60\CL
7	1100286	2	CHAIN\60\67
8	1100288	1	CHAIN\60\40
9	1400643	2	BUSH\QD\SH\1-1/4
10	1400644	3	BUSH\QD\SDS\1-3/8
11	2000333	4	BRG\FLG\CAST\1-1/4\3-BOLT
12	2000334	2	BRG\FLG\CAST\1-3/8\3BOLT
13	2000513	2	BRG\PB\1-1/4\2BOLT\MALLEABLE
14	2000822	2	BRG\CAM\RLLR\1-1/2”OD
15	2600805	2	WHL\ASSY\4-BOLT\4X8
16	2900143	2	HUB\WHL\4-BOLT\QDS
17	3600537	1	CLUTCH\AUTOMATIC\1-3/8
18	3701373	2	HOSE\LUB\1/8X13\MPS-MPS
19	3701374	2	HOSE\LUB\1/8X15\MPS-MPS
20	3701375	2	HOSE\LUB\1/8X19\MPS-MPS
21	4800003	4	BOLT\HEX\3/8X1
22	4800012	12	BOLT\CRG\3/8X1-1/4\NC
23	4800018	8	BOLT\HEX\1/2X1-1/4
24	4800021	2	BOLT\HEX\5/8X3
25	4800034	6	BOLT\HEX\3/8X1-1/2
26	4800054	1	BOLT\HEX\5/8X3-1/2
27	4800079	2	BOLT\HEX\5/8X2-1/2
28	4800082	4	BOLT\HEX\1/2X1-1/2
29	4800098	26	BOLT\HEX\3/8X1-1/4\NC
30	4800334	4	BOLT\CRG\1/2X2\NC
31	4800913	132	BOLT\FLG\SERR\3/8X1\NC
32	4800979	4	BOLT\HEX\3/8X2\GR8\NC
33	4801232	2	BOLT\CRG\5/8X2-1/2
34	4900001	32	NUT\HEX\1/2\NC
35	4900002	47	NUT\HEX\3/8\NC
36	4900005	3	NUT\HEX\5/8\NC
37	4900070	2	NUT\HEX\5/8\GR8\NC
38	4900109	4	NUT\FLG\TPLCK\3/8\NC
39	4900110	4	NUT\FLG\SERR\5/8\NC
40	4900119	2	NUT\TPLCK\1/2\NF
41	5000002	8	WASH\FLAT\5/8
42	5000003	5	WASH\LOCK\5/8
43	5000004	12	WASH\FLAT\1/2
44	5000006	16	WASH\LOCK\1/2
45	5000019	59	WASH\LOCK\3/8
46	6100036	2	1 O.D. X 4 5/16 SPRING
47	6100084	15	PADDLE SPRING
48	7200296	1	SPKT\SNSR\PICUP
49	7200311	1	CRANK W-SHAFT
50	7200312	1	MNT\BAR\TEETH\PICKUP
51	7200403	1	SPKT\60\20\4\SNSR
52	7200405	1	CRANK W-SHAFT
53	7200556	2	ARM\WHEEL\GAUGE
54	7200557	2	ARM\IDLER\DRIVE\PICKUP
55	7200560	2	BUSH\ARM\IDLER
56	7200562	1	AUGER\PICKUP\LH
57	7200563	1	AUGER\PICKUP\RH
58	7200564	1	SHFT\DRIVE\PICKUP
59	7200573	1	CAM\PICKUP\LH
60	7200574	1	CAM\PICKUP\RH
61	7200577	2	PICKUP\SPIDER
62	7200578	1	SHFT\DRV\SPIDER
63	7200586C	1	BAND\PICKUP
64	7200601	2	SHLD\CAM\PICKUP
65	7200602	1	SHLD\DRIVE\PICKUP\LH
66	7200603	1	SHLD\FRIVE\PICKUP\RH
67	7200604	1	SHLD\AUGER\LH
68	7200605	1	SHLD\AUGER\RH
69	7200608	2	TUBE\SPCR\SHFT
70	7200700	1	SH\HAYGUIDE
71	7200704	1	DFLCTR\HAY\RIGHT
72	7200705	1	DFLCTR\HAY\LEFT
73	7200709	1	GUARD\WIND\ROLLER
74	7200755	1	SH\HAYGUIDE
75	7200853	2	PIN\DFLCTR\HAY
76	7200863	2	BRKT\GUIDE\HAY
77	7500812	2	ROD\ARM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DETAIL B
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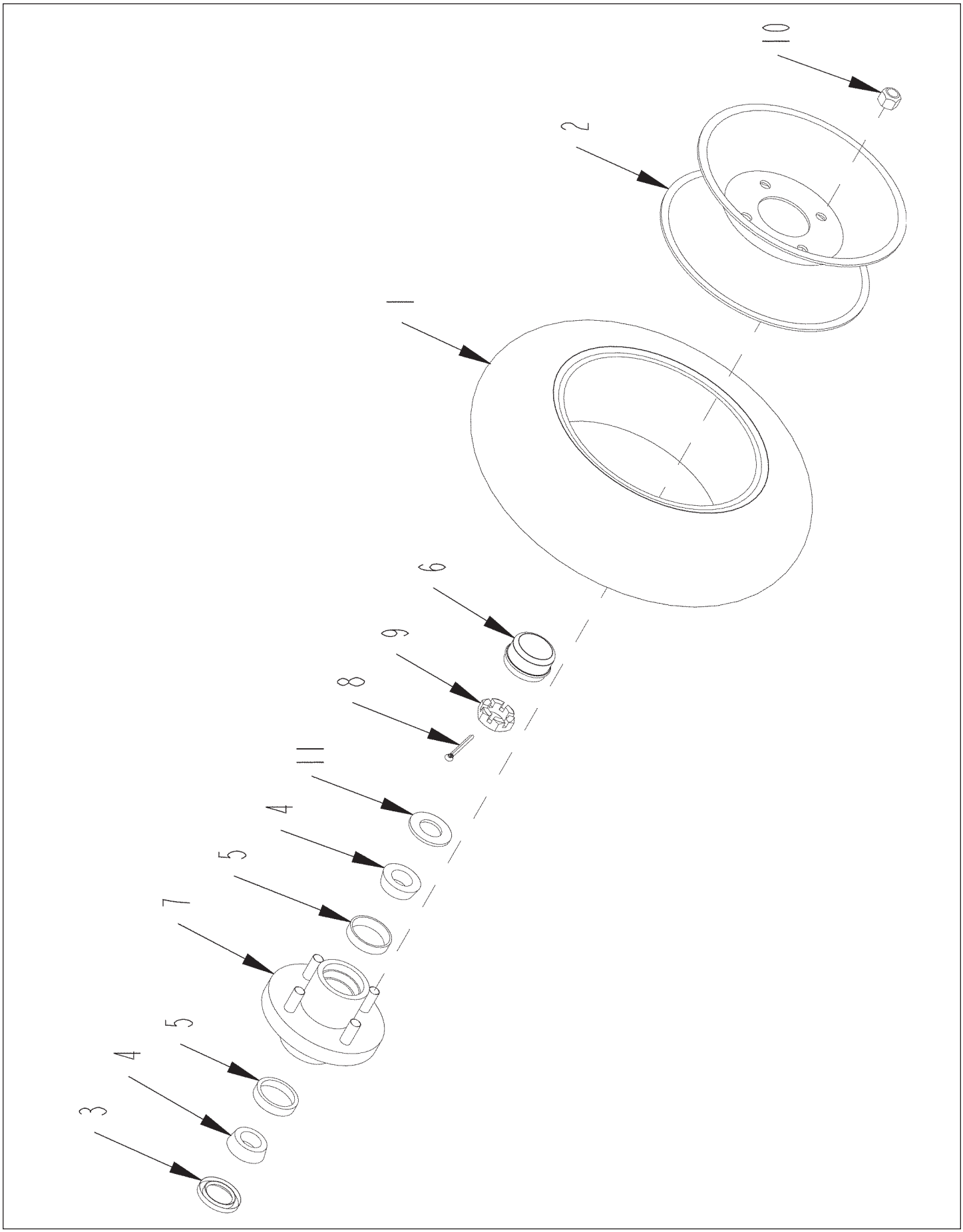
DETAIL A

ITEM	PART	QTY.	PART DESCRIPTION
1	1000007	3	SPKT\15\5/8\IDLER
2	1000284	1	SPKT\60\B\24\1-3/8\5/16
3	1000287	1	SPKT\B\60\SDS\20
4	1000288	2	SPKT\B\60\SDS\24
5	1000289	2	SPKT\B\60\SH\14
6	1100062	3	CHAIN\60\CL
7	1100286	2	CHAIN\60\67
8	1100288	1	CHAIN\60\40
9	1400643	2	BUSH\QD\SH\1-1/4
10	1400644	3	BUSH\QD\SDS\1-3/8
11	2000333	4	BRG\FLG\CAST\1-1/4\3-BOLT
12	2000334	2	BRG\FLG\CAST\1-3/8\3BOLT
13	2000513	2	BRG\PB\1-1/4\2BOLT\MALLEABLE
14	2000822	2	BRG\CAM\RLLR\1-1/2”OD
15	2600805	2	WHL\ASSY\4-BOLT\4X8
16	2900143	2	HUB\WHL\4-BOLT\QDS
17	3600537	1	CLUTCH\AUTOMATIC\1-3/8
18	3701373	2	HOSE\LUB\1/8X13\MPS-MPS
19	3701374	2	HOSE\LUB\1/8X15\MPS-MPS
20	3701375	2	HOSE\LUB\1/8X19\MPS-MPS
21	4800003	4	BOLT\HEX\3/8X1
22	4800012	12	BOLT\CRG\3/8X1-1/4\NC
23	4800018	8	BOLT\HEX\1/2X1-1/4
24	4800021	2	BOLT\HEX\5/8X3
25	4800034	6	BOLT\HEX\3/8X1-1/2
26	4800054	1	BOLT\HEX\5/8X3-1/2
27	4800079	2	BOLT\HEX\5/8X2-1/2
28	4800082	4	BOLT\HEX\1/2X1-1/2
29	4800098	26	BOLT\HEX\3/8X1-1/4\NC
30	4800334	4	BOLT\CRG\1/2X2\NC
31	4800913	132	BOLT\FLG\SERR\3/8X1\NC
32	4800979	4	BOLT\HEX\3/8X2\GR8\NC
33	4801232	2	BOLT\CRG\5/8X2-1/2
34	4900001	32	NUT\HEX\1/2\NC
35	4900002	47	NUT\HEX\3/8\NC
36	4900005	3	NUT\HEX\5/8\NC
37	4900070	2	NUT\HEX\5/8\GR8\NC
38	4900109	4	NUT\FLG\TPLCK\3/8\NC
39	4900110	4	NUT\FLG\SERR\5/8\NC
40	4900119	2	NUT\TPLCK\1/2\NF
41	5000002	8	WASH\FLAT\5/8
42	5000003	5	WASH\LOCK\5/8
43	5000004	12	WASH\FLAT\1/2
44	5000006	16	WASH\LOCK\1/2
45	5000019	59	WASH\LOCK\3/8
46	6100036	2	1 O.D. X 4 5/16 SPRING
47	6100084	15	PADDLE SPRING
48	7200296	1	SPKT\SNSR\PICUP
49	7200311	1	CRANK W-SHAFT
50	7200312	1	MNT\BAR\TEETH\PICKUP
51	7200403	1	SPKT\60\20\4\SNSR
52	7200405	1	CRANK W-SHAFT
53	7200556	2	ARM\WHEEL\GAUGE
54	7200557	2	ARM\IDLER\DRIVE\PICKUP
55	7200560	2	BUSH\ARM\IDLER
56	7200562	1	AUGER\PICKUP\LH
57	7200563	1	AUGER\PICKUP\RH
58	7200564	1	SHFT\DRIVE\PICKUP
59	7200573	1	CAM\PICKUP\LH
60	7200574	1	CAM\PICKUP\RH
61	7200577	2	PICKUP\SPIDER
62	7200578	1	SHFT\DRV\SPIDER
63	7200586C	1	BAND\PICKUP
64	7200601	2	SHLD\CAM\PICKUP
65	7200602	1	SHLD\DRIVE\PICKUP\LH
66	7200603	1	SHLD\FRIVE\PICKUP\RH
67	7200604	1	SHLD\AUGER\LH
68	7200605	1	SHLD\AUGER\RH
69	7200608	2	TUBE\SPCR\SHFT
70	7200700	1	SH\HAYGUIDE
71	7200704	1	DFLCTR\HAY\RIGHT
72	7200705	1	DFLCTR\HAY\LEFT
73	7200709	1	GUARD\WIND\ROLLER
74	7200755	1	SH\HAYGUIDE
75	7200853	2	PIN\DFLCTR\HAY
76	7200863	2	BRKT\GUIDE\HAY
77	7500812	2	ROD\ARM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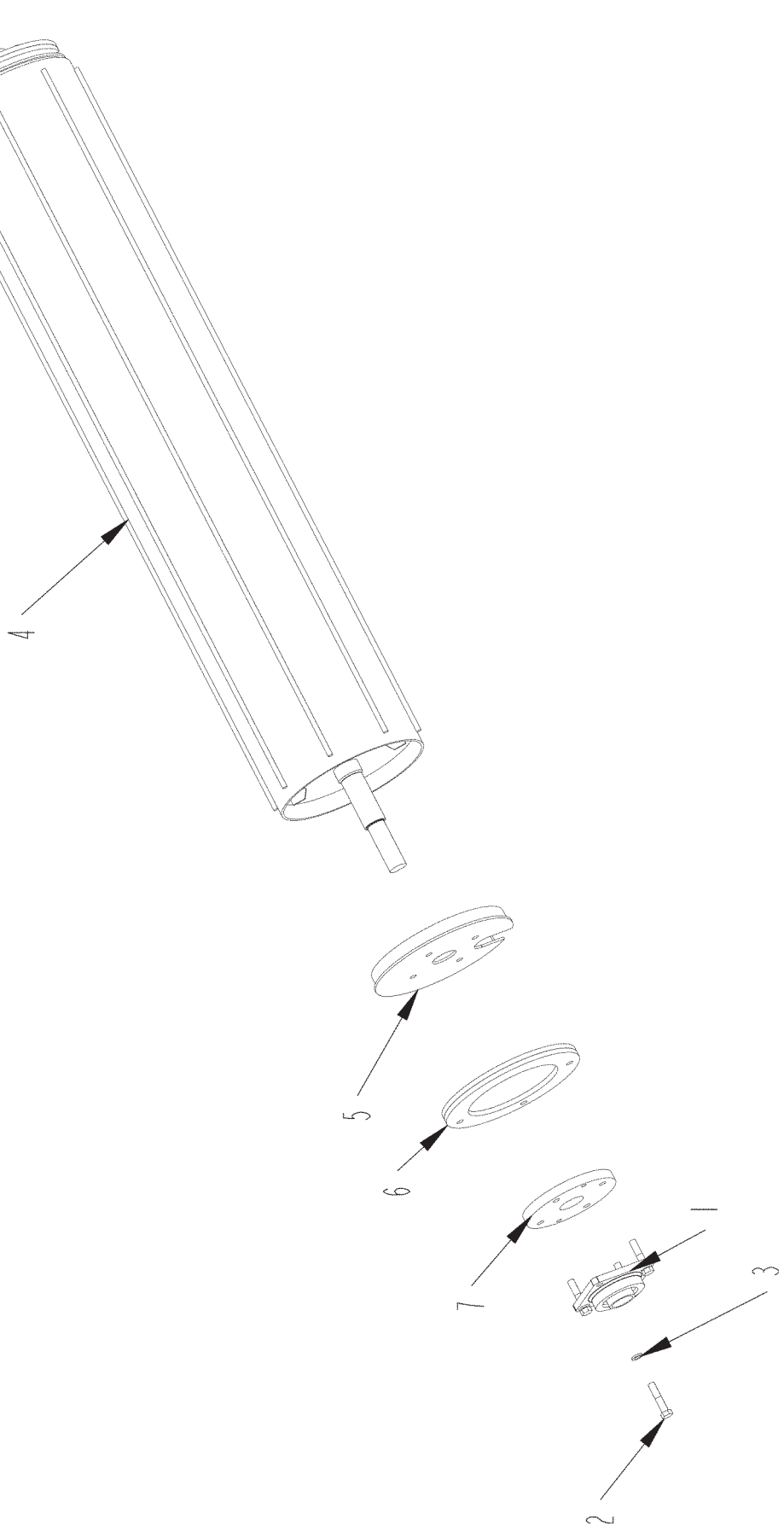
ITEM	PART	QTY.	PART DESCRIPTION
1	2600007	1	TIRE\4.80X8
2	2600609	1	WHL\4-BOLT\8
	2600805		WHL\ASSY\4-BOLT\4X8-INCLUDES ITEMS 1, 2
3	2900031	1	SEAL\WHEEL HUB
4	2900032	2	CONE/WHEEL HUB(44643
5	2900033	2	CUP/WHEEL HUB (44610
6	2900037	1	CAP\DUST\WHL;HUB(DC-13)
7	2900143	1	HUB\WHL\4-BOLT\QDS-INCLUDES ITEMS 3,4,5,6,10
8	4800157	1	PIN\COT\3/16X2
9	4900055	1	NUT\SLOT\1\JAM\NF
10	4900094	4	NUT\TAPER\WHEEL\1/2\NF\
11	5000056	1	WASH\SPNDL\1”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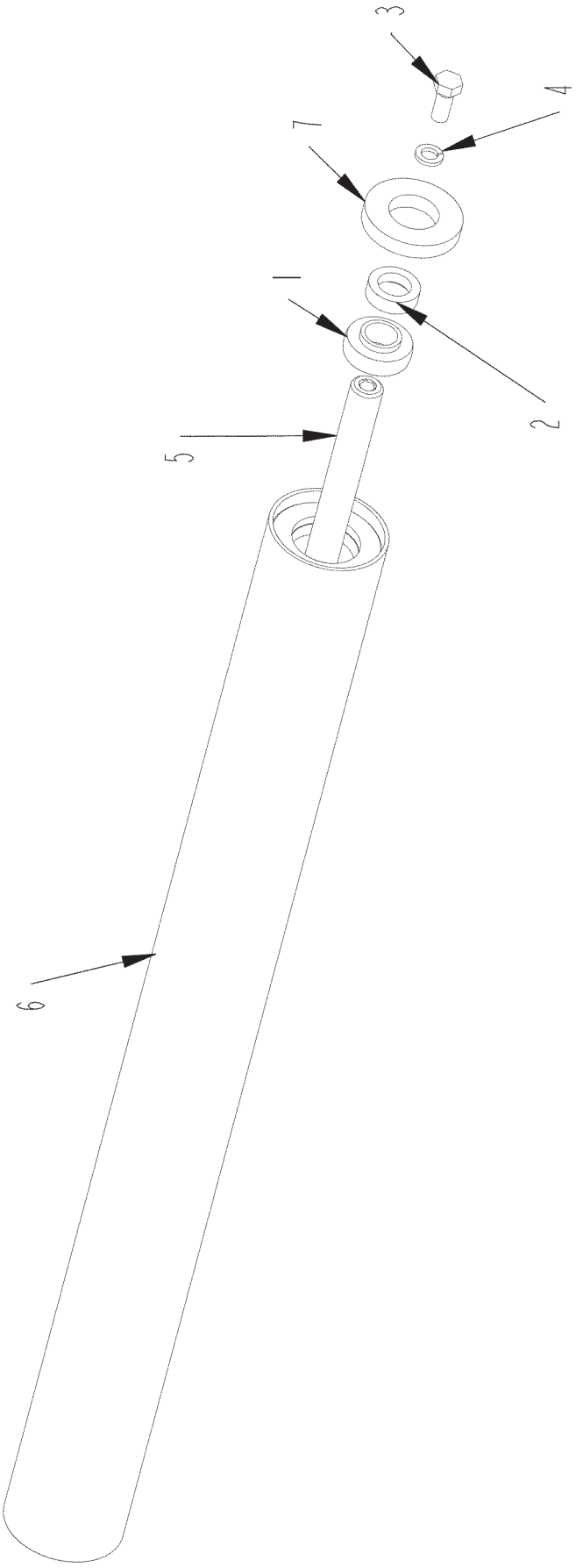
ITEM	PART	QTY.	PART DESCRIPTION
1	2000311	2	BRG\FLG\CAST\1-3/4\4BOLT
2	4800070	8	BOLT\HEX\1/2X2-1/2
3	5000006	8	WASH\LOCK\1/2
4	7200302	1	ROLLER\SUPPORT\BALER
5	7200458	2	MNT\PAN\RECLAIMER\GUIDE\MATERIAL
6	7200554	2	RING\BRG\PICKUP
7	7200665	2	PL\PIVOT\PICKUP
	7200298		**ASSEMBLY\RLLR\DRUM**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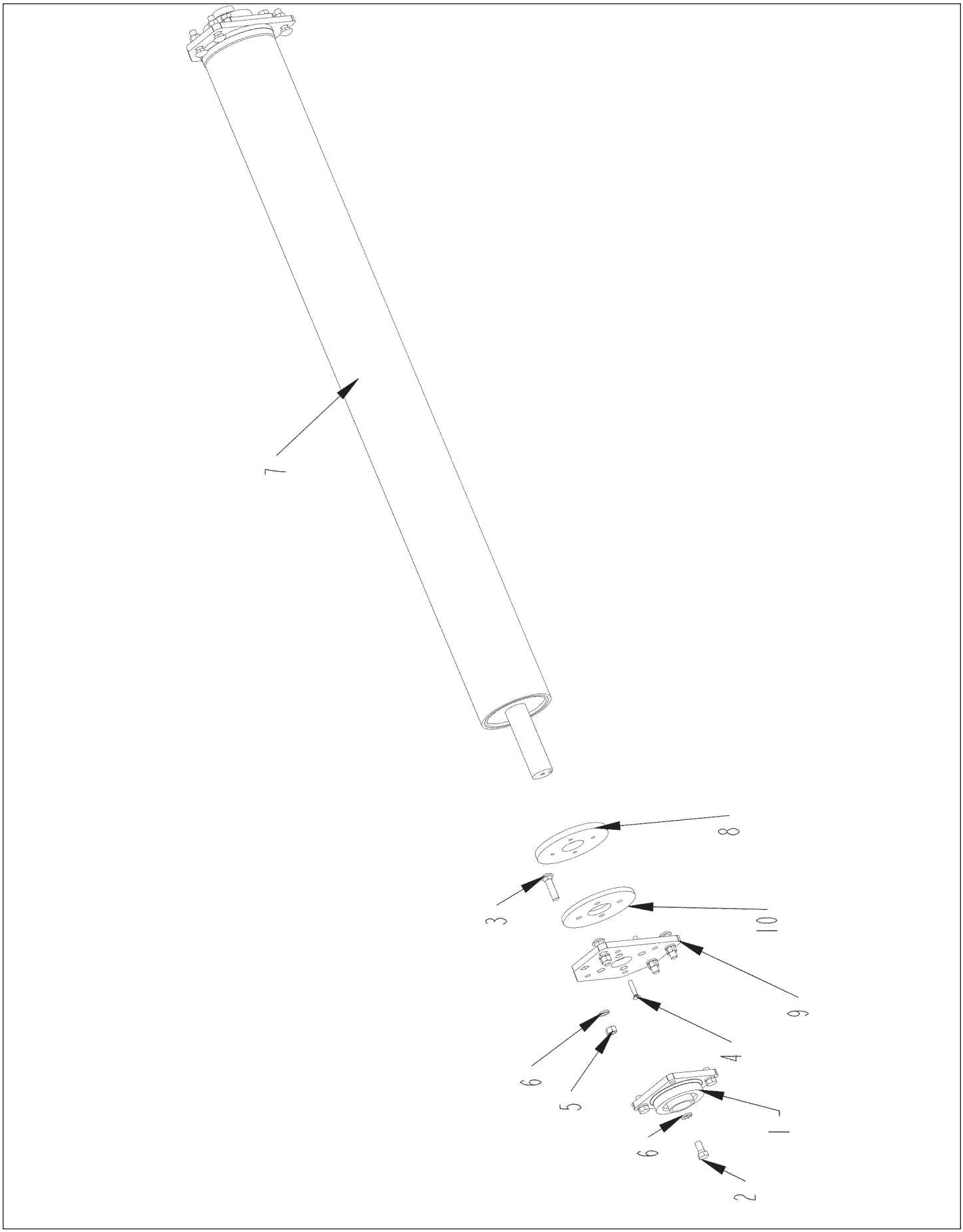
ITEM	PART	QTY.	PART DESCRIPTION
1	2000088	2	BRG\SPHCL\1-1/2\RA108RRB
2	2000803	2	CLLR\LOCK\1-1/2
3	4800469	2	BOLT\HEX\3/4X1-3/4
4	5000012	2	WASH\LOCK\3/4
5	7200200	1	SHFT\RLLR\IDLR\LONG
6	7200201	1	RLLR\IDLER\LONG
7	7501135	2	SEAL\BRG\RLLR\4.5”X2.25”X.75”
	7200418		**RLLR\IDLER\60”\ASSY**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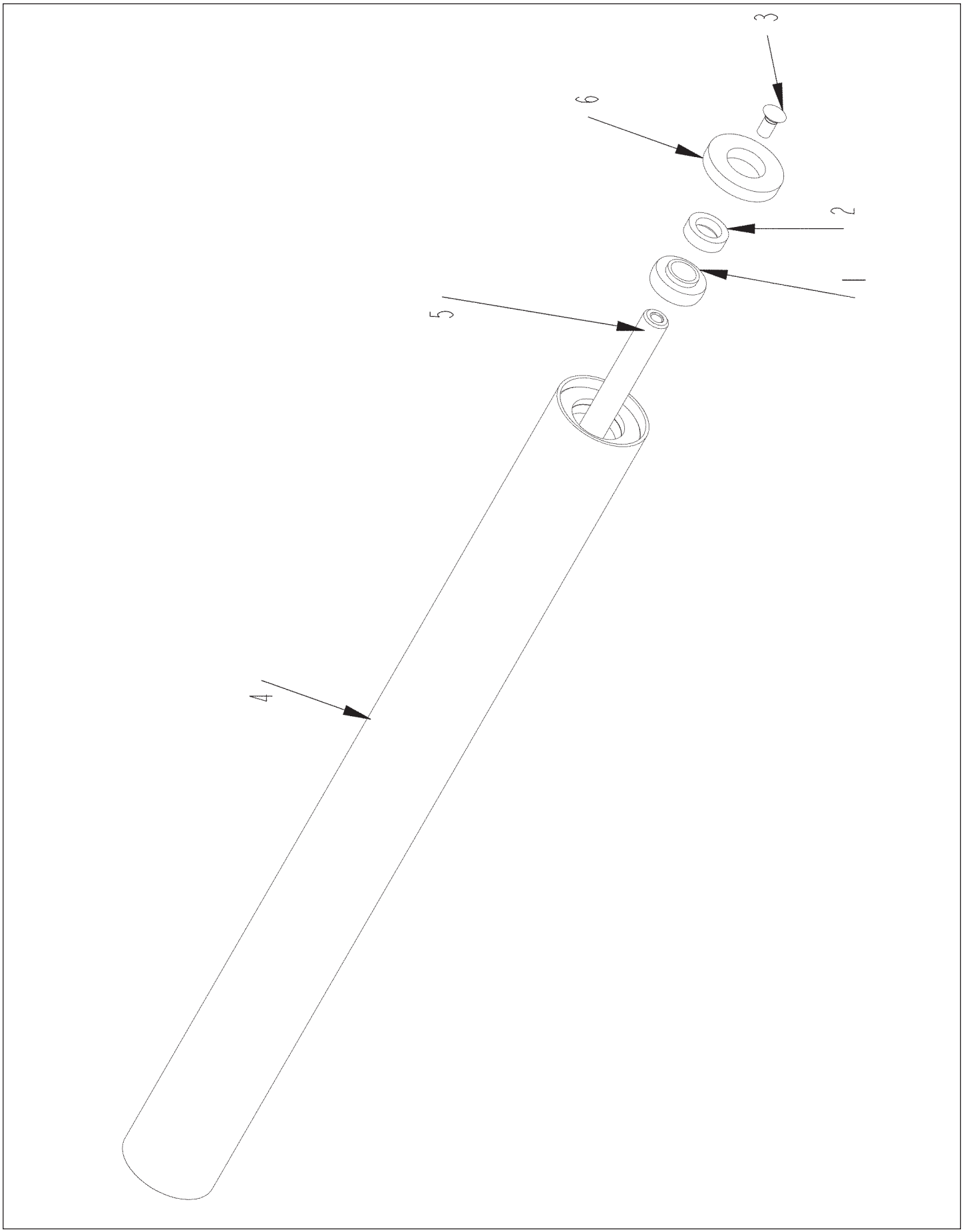
LOWER DRIVE ROLLER ASSEMBLY

ITEM	PART	QTY.	PART DESCRIPTION
1	2000311	2	BRG\FLG\CAST\1-3/4\4BOLT
2	4800085	8	BOLT\HEX\1/2X1
3	4800334	8	BOLT\CRG\1/2X2\NC
4	4800410	8	SCR\CSK\ALN\5/16X1-1/2\NC
5	4900001	8	NUT\HEX\1/2\NC
6	5000006	16	WASH\LOCK\1/2
7	7200584	1	RLLR\DRIVE\LOWER\BALER
8	7200587	2	SPCR\RLLR\DRIVE
9	7200660	2	PL\MNT\BRG
10	7200663	2	SPACER\RLLR\DRIVE
	7200692		**RLLR\DRIVE\LOWER\ASSY**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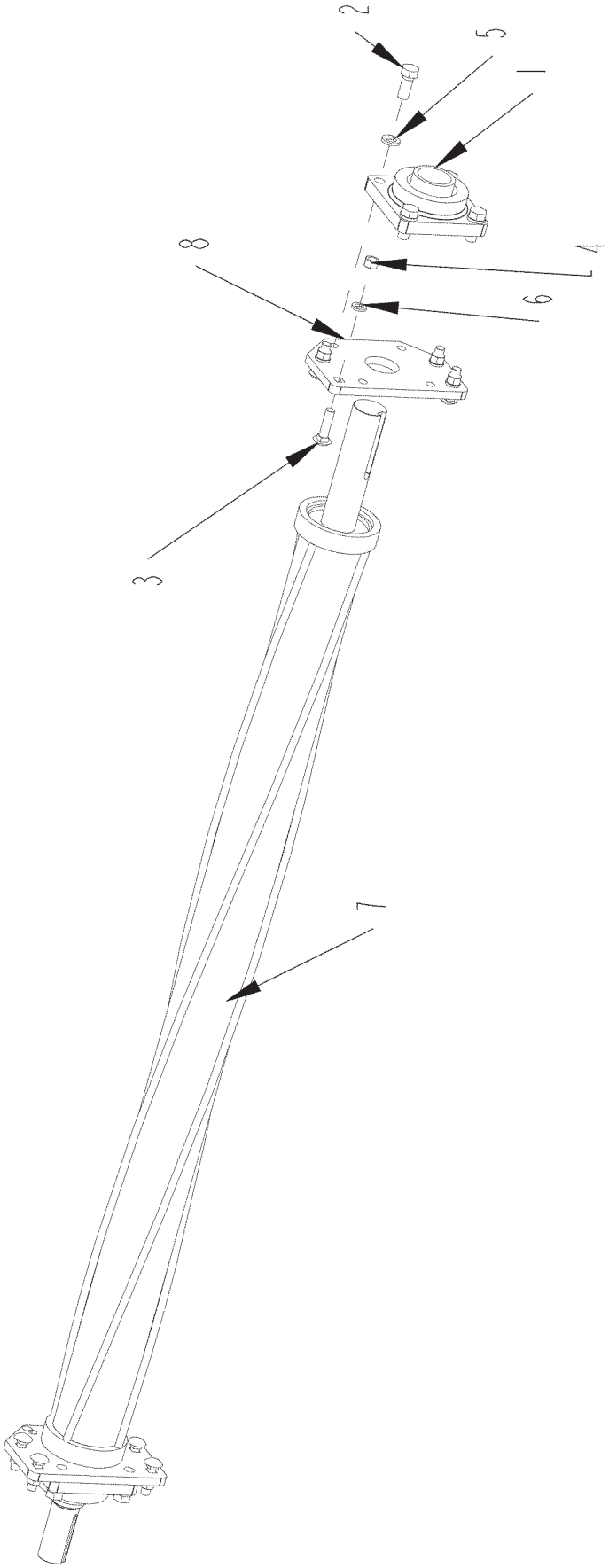
SHORT IDLER ROLLER ASSEMBLY

ITEM	PART	QTY.	PART DESCRIPTION
1	2000088	2	BRG\SPHCL\1-1/2\RA108RRB
2	2000803	2	CLLR\LOCK\1-1/2
3	4801202	2	SCR\CSK\3/4X1-1/2
4	7200219	1	RLLR\IDLER\SHORT
5	7200220	1	SHFT\RLLR\IDLR
6	7501135	2	SEAL\BRG\RLLR\4.5”X2.25”X.75”
	7200419		**RLLR\IDLER\58”\ASSY**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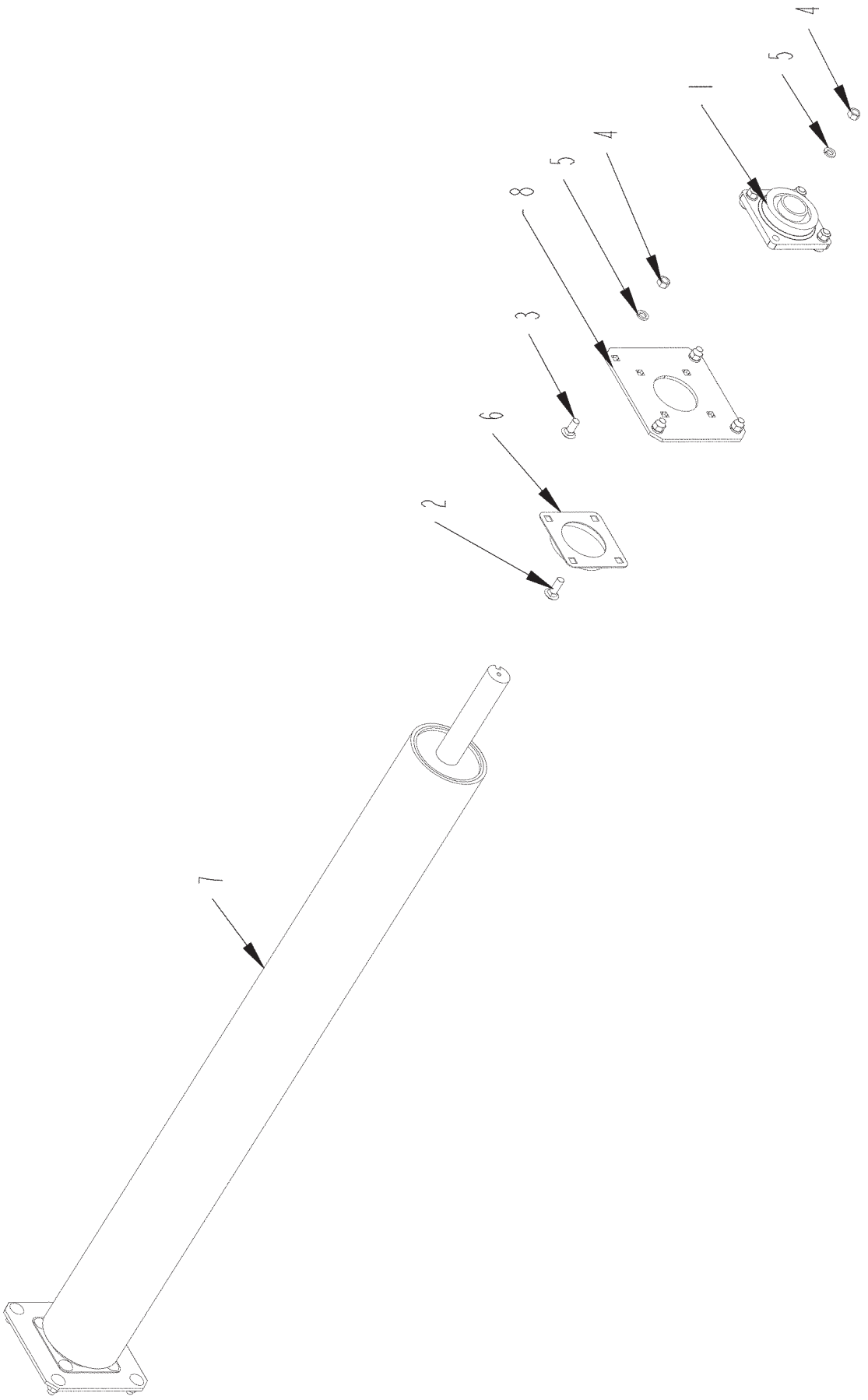
ITEM	PART	QTY.	PART DESCRIPTION
1	2000344	2	BRG\FLG\CAST\2S\4BOLT\3L
2	4800106	8	BOLT\HEX\5/8X1-1/2
3	4800334	8	BOLT\CRG\1/2X2\NC
4	4900001	8	NUT\HEX\1/2\NC
5	5000003	8	WASH\LOCK\5/8
6	5000006	8	WASH\LOCK\1/2
7	7200872	1	RLLR\STRTR\LCK\SHFT
8	7200689	2	PL\MNT\BRG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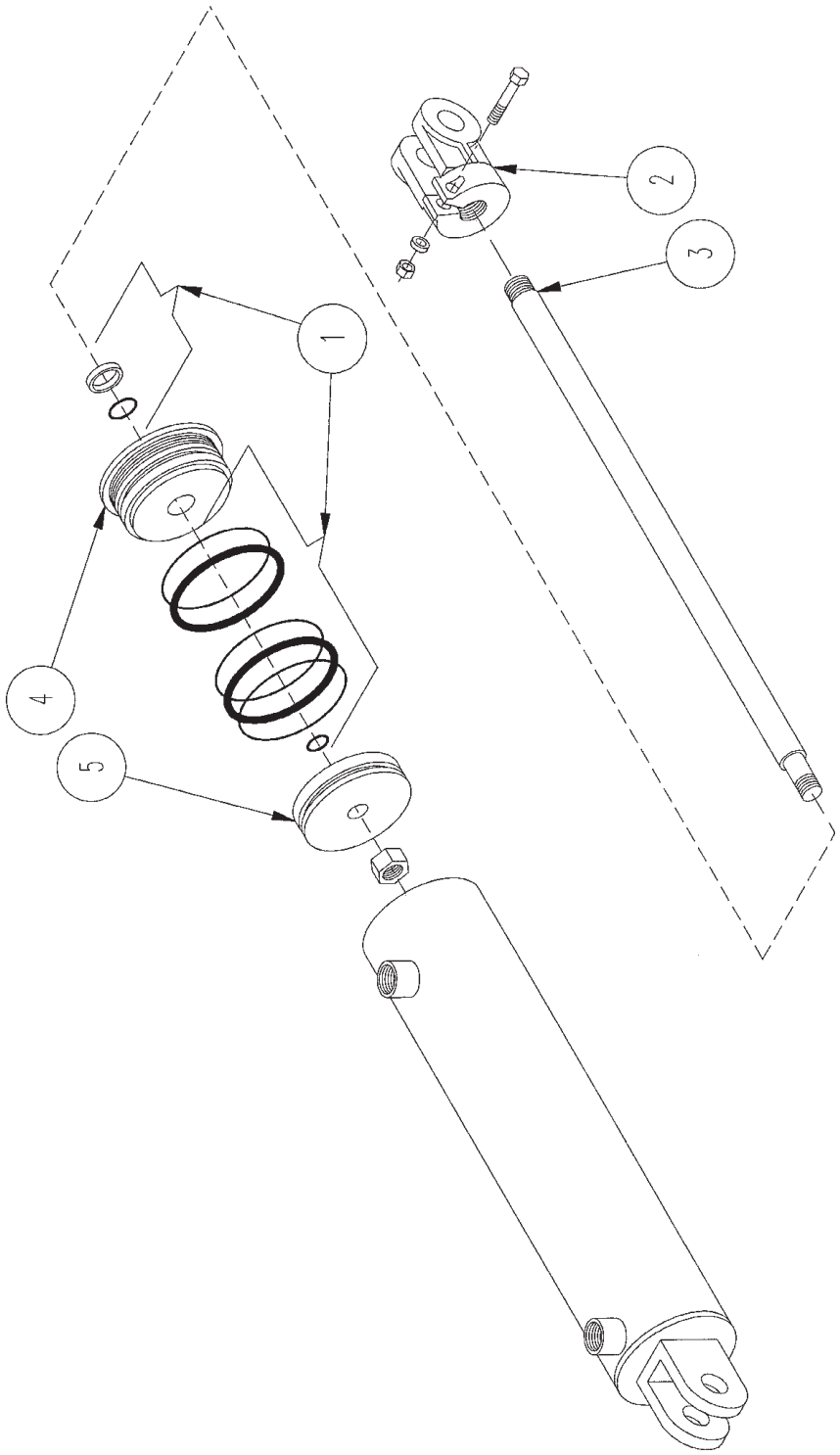
ITEM	PART	QTY.	PART DESCRIPTION
1	2000311	2	BRG\FLG\CAST\1-3/4\4BOLT
2	4800061	8	BOLT\CRG\1/2X1-1/2\NC
3	4800481	8	BOLT\CRG\1/2X1-1/4\NC
4	4900001	16	NUT\HEX\1/2\NC
5	5000006	16	WASH\LOCK\1/2
6	7200284	2	GUARD\BRG\RLLR\DRIVE
7	7200318	1	RLLR\DRIVE\UPPER\BALER
8	7200662	2	PL\BRG\DRIVE
	7200691		**RLLR\DRIVE\UPPER\ASSY**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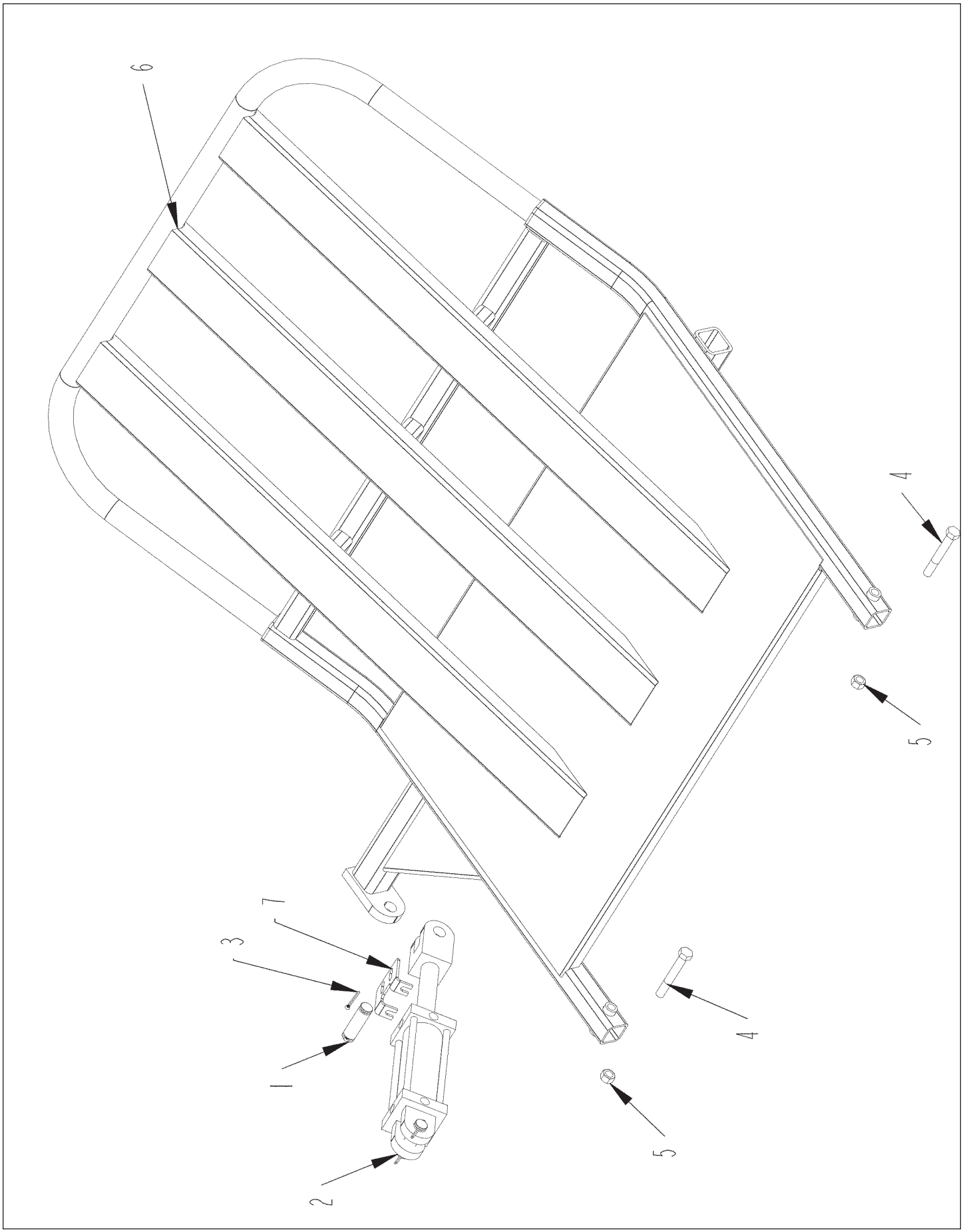
ITEM	PART NO.	DESCRIPTION
	4100331	**CYL\HYD\3X8\TIEROD\3000PSI**
	4100226	**CYL\HYD\2X8\1-1/4RD\WLD>**
1	4100228	KIT\SEAL\CYL\HYD\2\1-1/4RD\CTD
	4100241	**CYL\HYD\2X24\1-1/4RD\>**
1	4100228	KIT\SEAL\CYL\HYD\2\1-1/4RD\CTD
	4100252	**CYL\HYD\2X8\18CLOSED\1-1/4ROD\TUBE**
	4100283	**CYL\HYD\1-1/2X8X3/4MLRT W/3PIN ELECTRICAL CONNECTOR**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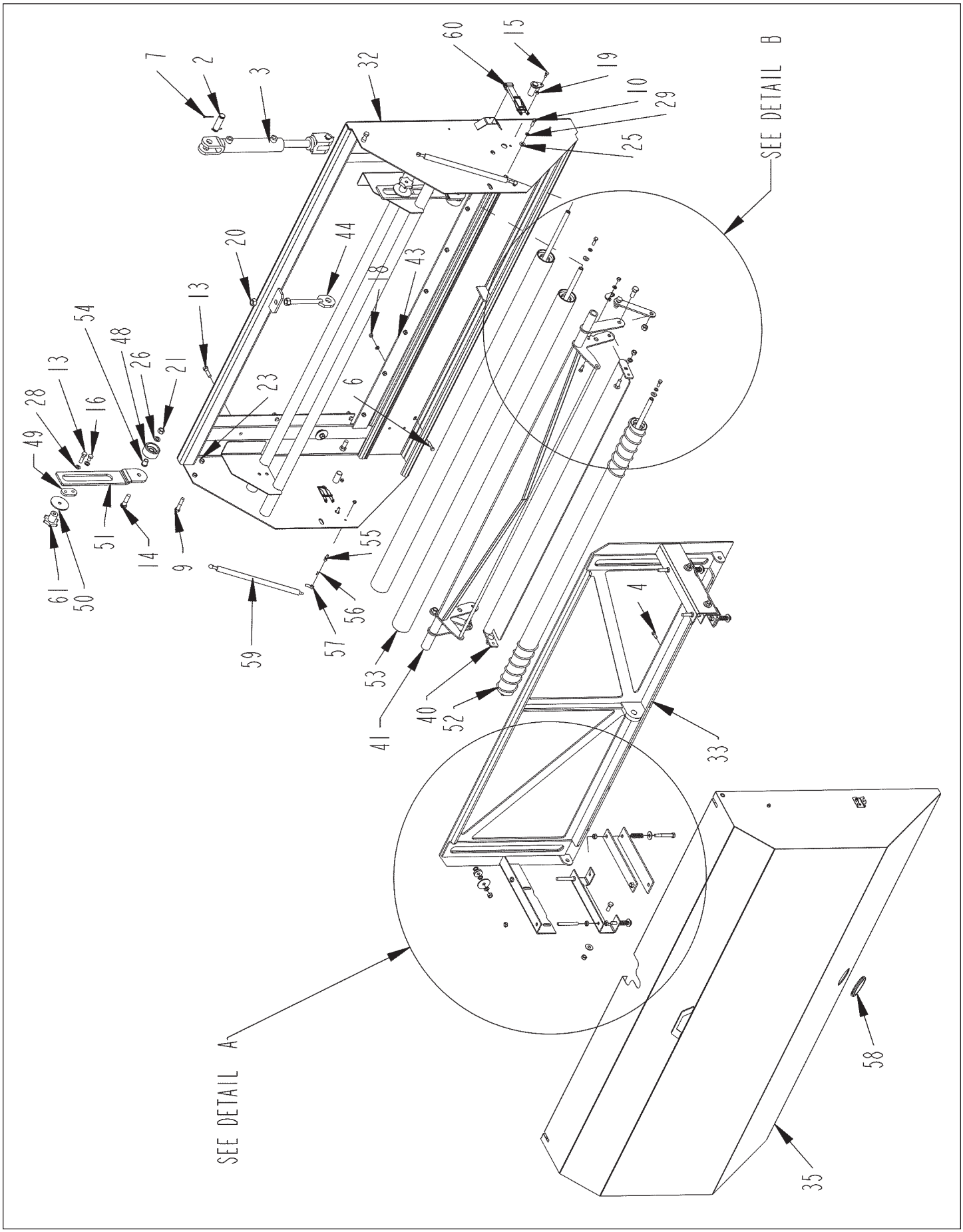
ITEM	PART	QTY.	PART DESCRIPTION
1	4100030	2	PIN 1” X 3-1/2” HYD. CYL.
2	4100333	1	CYL\HYD\2X6\1-1/8RD\TIEROD
3	4800157	4	PIN\COT\3/16X2
4	4800158	2	BOLT\HEX\5/8X4-1/2
5	4900107	2	NUT\NYLCK\5/8\NC
6	7200537	1	RAMP\BALE\HYD
7	7200724	1	BRKT\SNSR\RAMP\2”BORE
	7200676		**RAMP\BALE\ASSY\SUB**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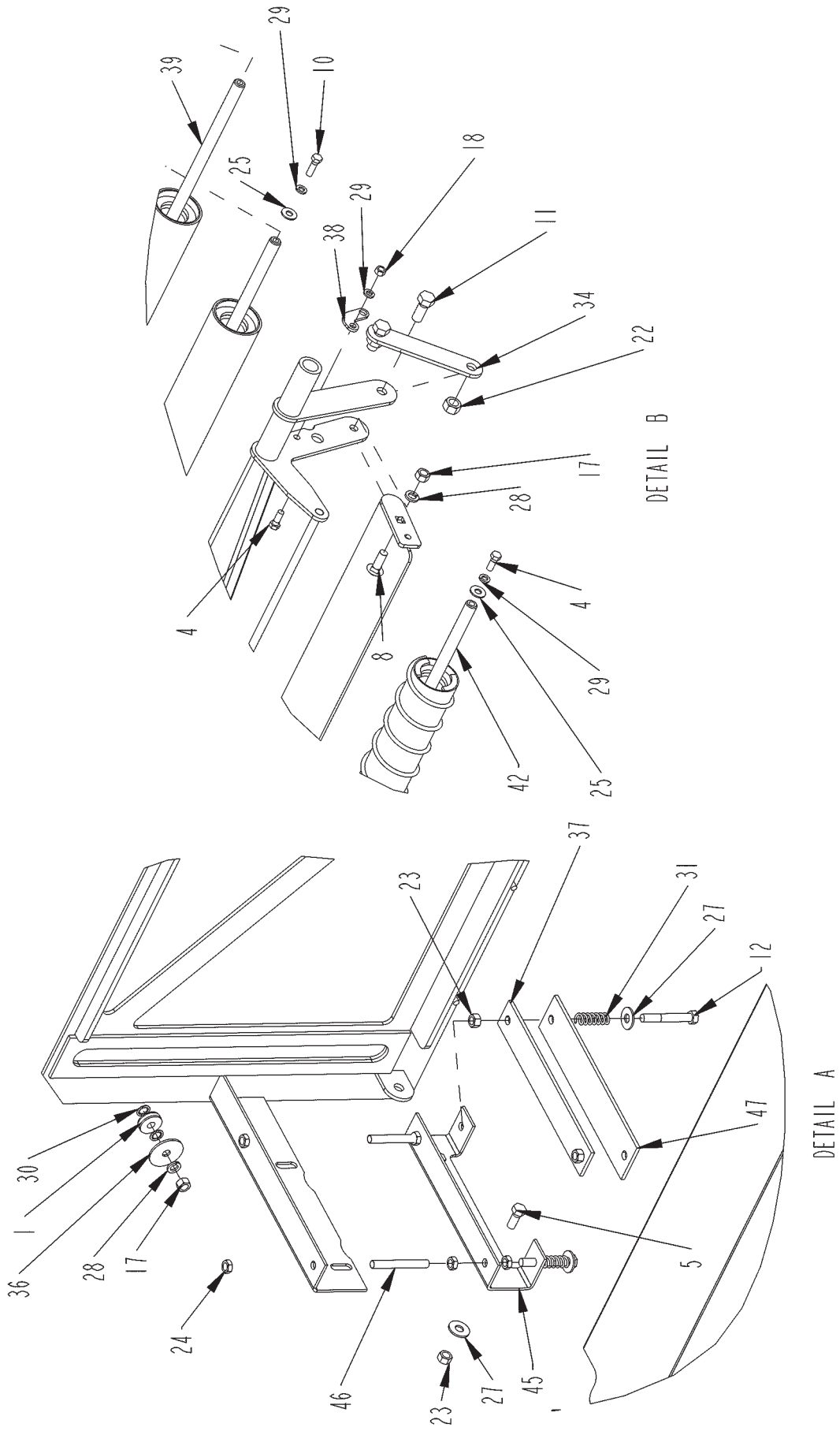
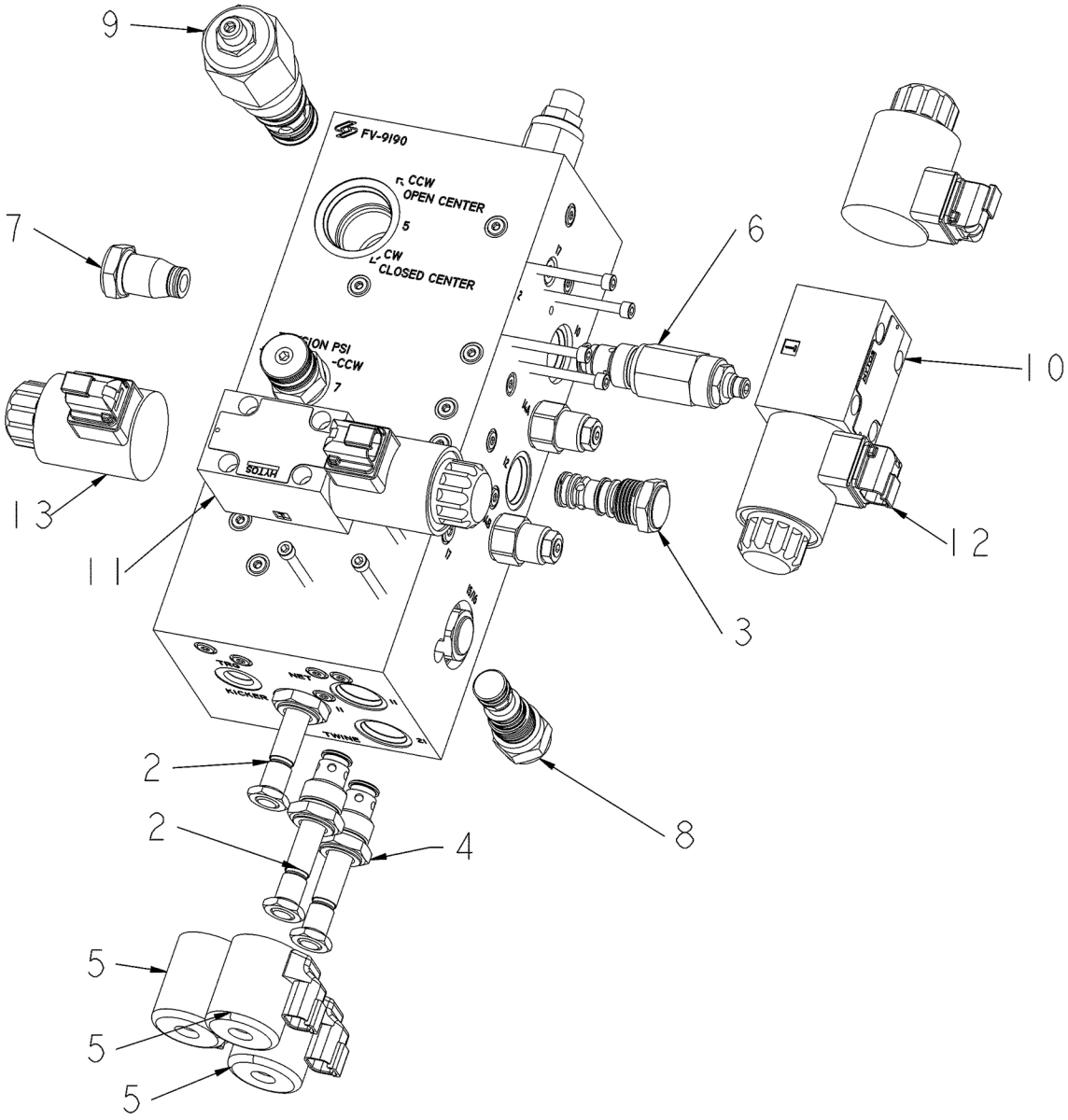
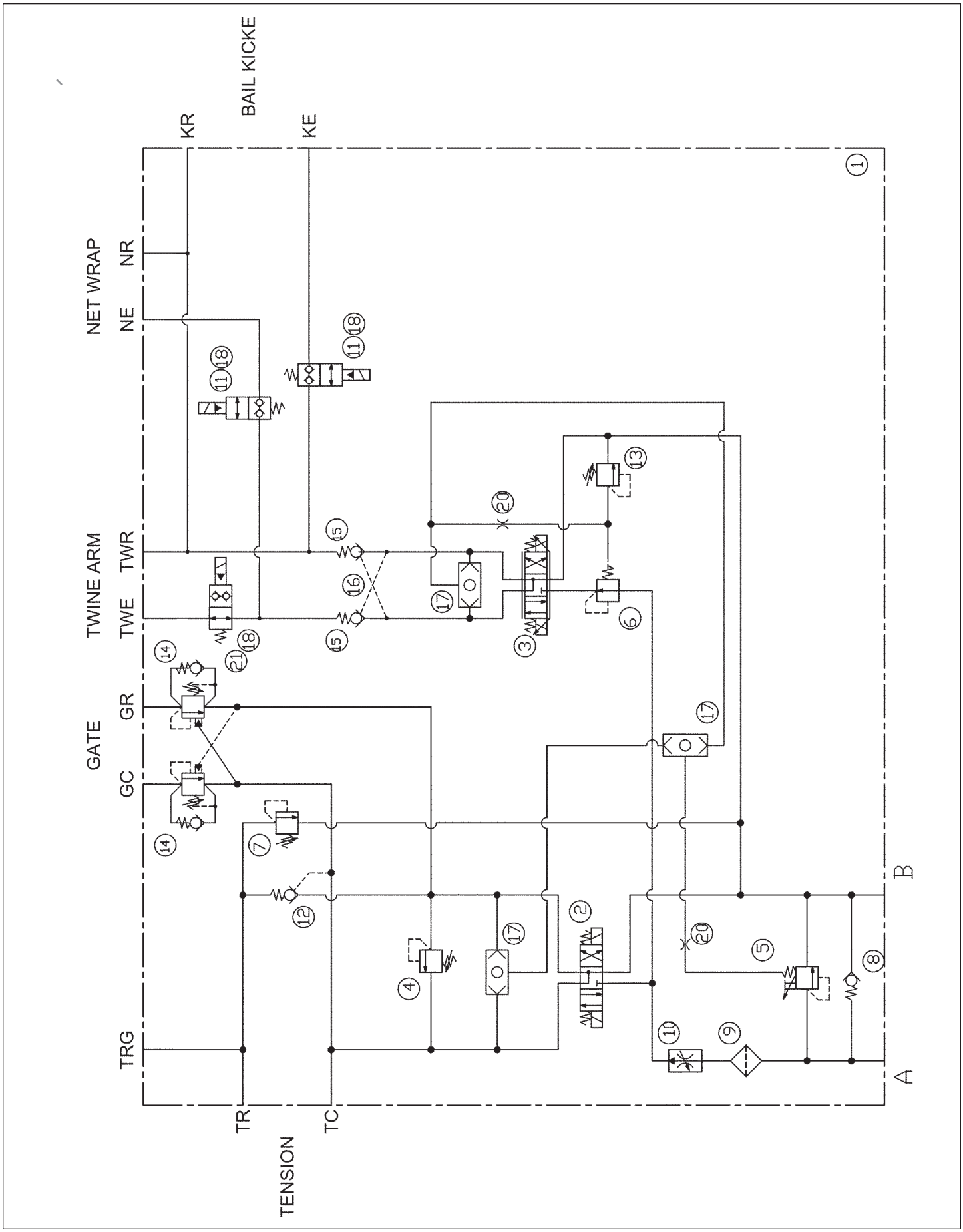
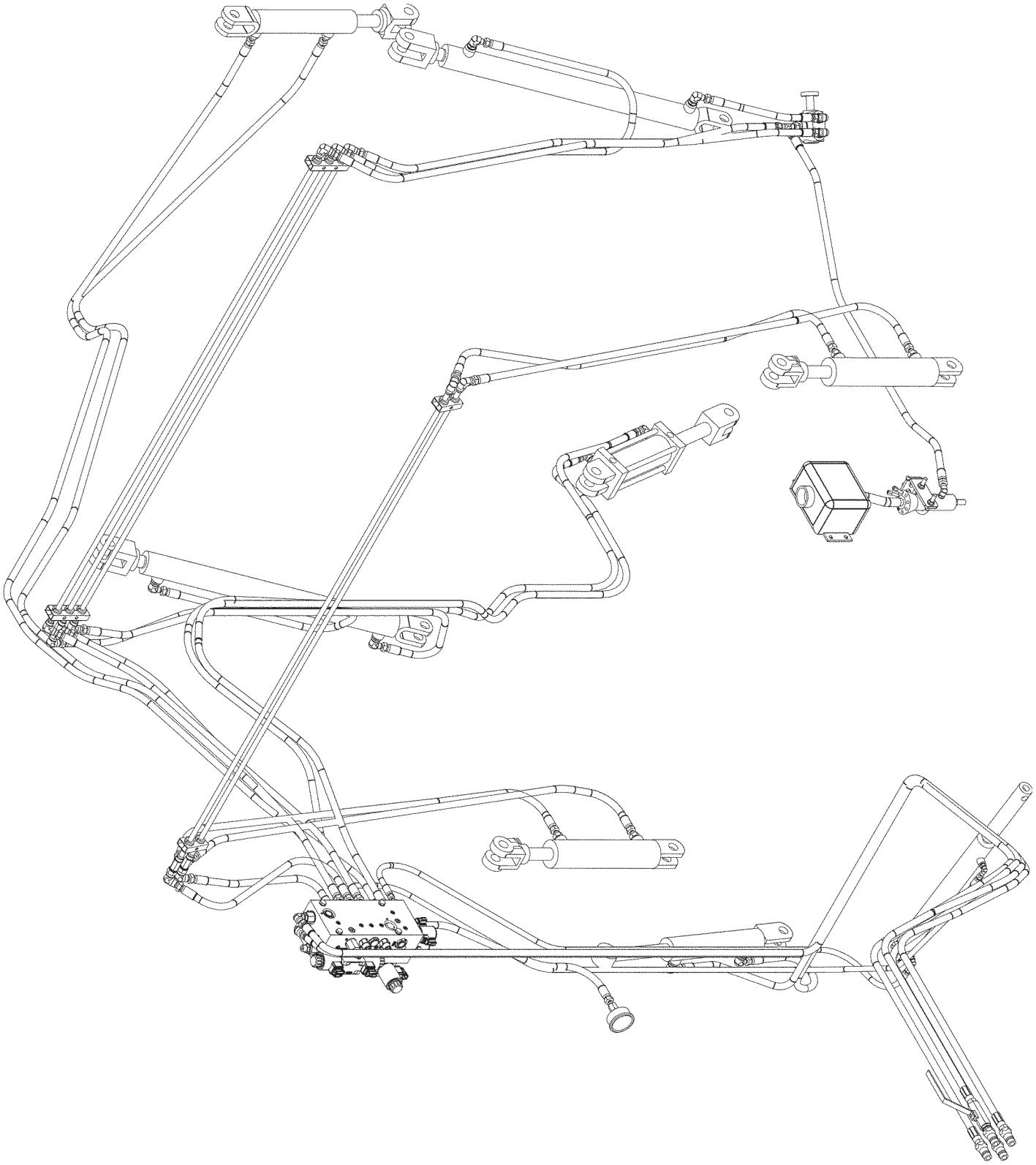

DETAIL B
DETAIL A

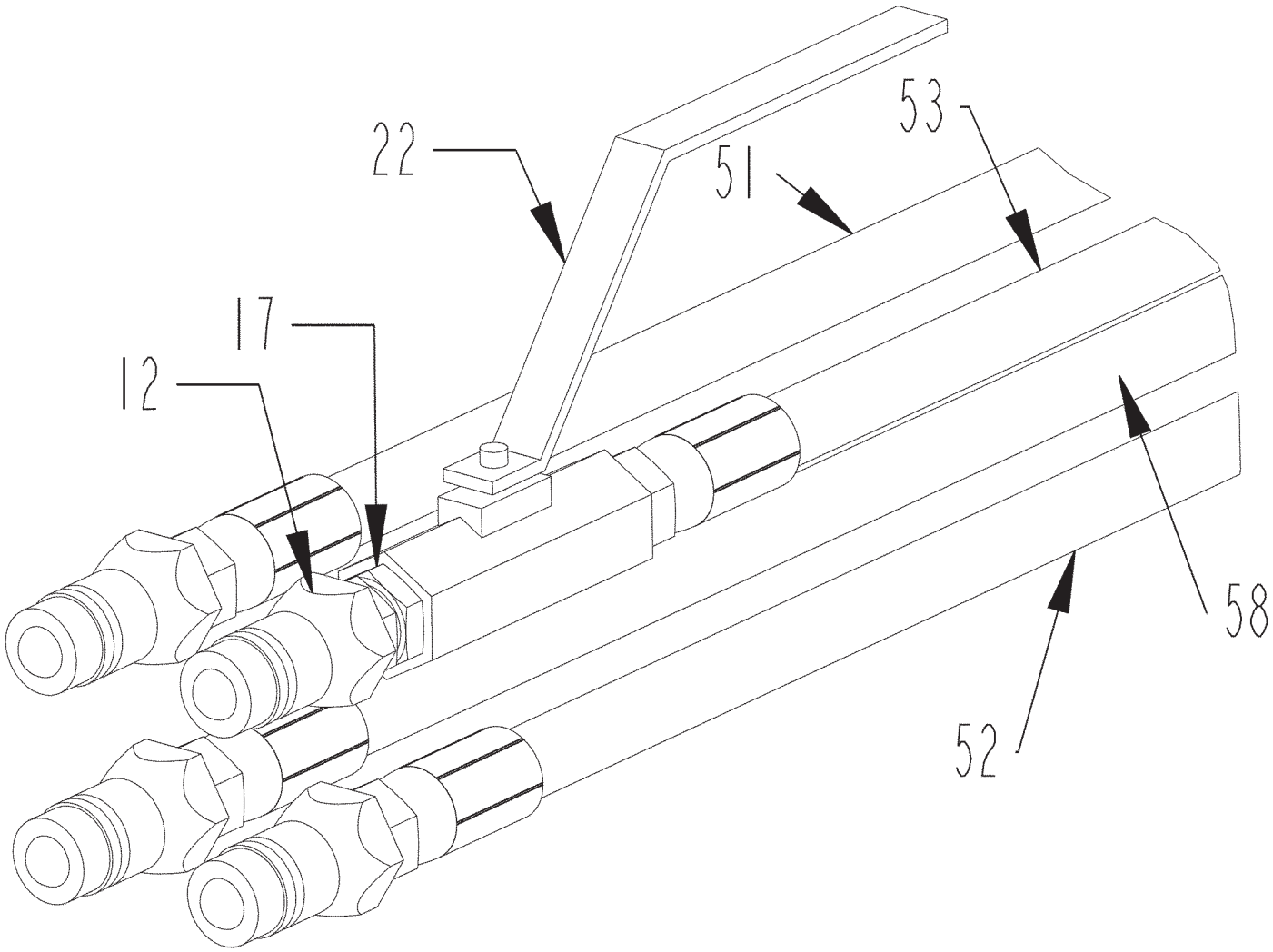
ITEM	PART	QTY.	PART DESCRIPTION
1	2000083	4	BRG\CAM\RLLR\1/2 I.D.X1-1/2 O.D.X 7/16 THRU
2	4100030	2	PIN 1" X 3-1/2" HYD. CYL.
3	4100226	1	CYL\HYD\2X8\1-1/4RD\WELDE
4	4800003	10	BOLT\HEX\3/8X1
5	4800018	4	BOLT\HEX\1/2X1-1/4
6	4800034	2	BOLT\HEX\3/8X1-1/2
7	4800050	4	PIN\COT\3/16X1-1/2
8	4800061	2	BOLT\CRG\1/2X1-1/2\NC
9	4800070	2	BOLT\HEX\1/2X2-1/2
10	4800098	10	BOLT\HEX\3/8X1-1/4\NC
11	4800106	4	BOLT\HEX\5/8X1-1/2
12	4800135	4	BOLT\HEX\1/2X3-1/2
13	4800178	6	BOLT\HEX\1/2X1-3/4
14	4800350	2	BOLT\HEX\5/8X2-1/4
15	4800643	2	BOLT\HEX\5/16X3/4
16	4800931	2	BOLT\HEX\1/2X3/4\NC
17	4900001	6	NUT\HEX\1/2\NC
18	4900002	16	NUT\HEX\3/8\NC
19	4900003	6	NUT\HEX\5/16\NC
20	4900004	2	NUT\HEX\3/4\NC
21	4900005	2	NUT\HEX\5/8\NC
22	4900012	4	NUT\TPLCK\5/8\NC
23	4900014	10	NUT\TPLCK\1/2\NC
24	4900046	16	NUT\JAM\1/2\NC
25	5000001	6	WASH\FLAT\3/8
26	5000003	2	WASH\LOCK\5/8
27	5000004	8	WASH\FLAT\1/2
28	5000006	10	WASH\LOCK\1/2
29	5000019	22	WASH\LOCK\3/8
30	5000134	8	WASH\LOCK\TOOTH\INT\1/2
31	6100028	4	2-1/4 COMP SPR.125 X .725
32	7200515	1	FRM\MAIN\NETWRAP
33	7200516	1	FRM\CUTTER\NETWRAP
34	7200519	2	LINK\CNTRL\WRAP\NET
35	7200522	1	DOOR\NETWRAP
36	7200527	4	WASHER\BRG\NETWRAP
37	7200528	2	SHIN\STOP\NETWRAP
38	7200532	1	MNT\SNCR\NETWRAP
39	7200550	2	SHFT\RLLR\WRAP\NET
40	7200733	1	BAR\FEED\NETWRAP
41	7200735	1	BRKTRLLR\STRT\NETWRP\WIDE
42	7200736	1	SHFT\RLLR\WRAP\NET\WIDE
43	7200740	1	BLADE\CUTTER\WRAP\NET\67"
44	7200751	1	MNT\CYL\NETWRAP
45	7200752	2	BRKT\STOP\RLLR\WRAP\NET
46	7200754	4	ROD\ADJ\BRK\NETWRAP
47	7200757	2	BELT\STOP\NETWRAP
48	7200768	2	ROLLER\GUIDE\NET
49	7200769	2	MNT\FIXED\SLOT\NETWRAP
50	7200770	2	WASH\SLOTTED\NETWRAP
51	7200771	2	BRKT\SLOTTED\NETWRAP
52	7200851	1	RLLR\WRAP\NET\64.5"
53	7200866	2	RLLR\NETWRAP\RUBBER\81-3/16"
54	7500160	2	#6610 BREAING BUSHING
55	7500345	4	BALL STUD
56	7500346	4	SAFETY CLIP
57	7500583	4	END FITTING\GAS SPRING
58	7500690	1	GRMMT\RBBR\3-1/8X2-1/2IDX1/2T
59	7500705	2	SPRNG\GAS\250LB\9416K224
60	7501358	2	LATCH\DRAW\SOUTHCO\9.5"
61	7501501	2	KNOB W\1/2"-HOLE\THREADED
	7200548		**NETWRAP\ASSY**



ITEM	PART	QTY.	PART DESCRIPTION
1	4000497	1	VALVE\HYD\BALER
2	4000509	2	VLV\SOL\POPPET\NC
3	4000513	1	VALVE\HYD\CART\CHECK\PILOT
4	4000514	1	VLV\SOL\POPPET\NO
5	4000515	3	VALVE\HYD\SOL\12V\300AA\DTZ
6	4000516	1	VALVE\HYD\CART\FLO;CNTRL\10GPM@1000PSI
7	4000517	1	VALVE\HYD\CART\SCREEN\20GPM
8	4000518	1	VALVE\HYD\CART\PRESS;COMP\80PSI
9	4000519	1	VALVE\HYD\CART\PRESS;RELIEF\160PSI
10	4000521	1	VALVE\HYD\CART\3 POS\12V
11	4000522	1	VALVE\HYD\CART\PROPORT\3 POS\12V
12	4000523	2	VALVE\HYD\SOL\12V\DTZ\HYTOS
13	4000524	2	VALVE\HYD\SOL\12V\PROP\DTZ\HYTOS


BAIL KICKE
KR
KE
NET WRAP
NR
NE
TWINE ARM
TWR
TWE
GATE
GR
GC
TRG
TR
TC
TENSION
A
B

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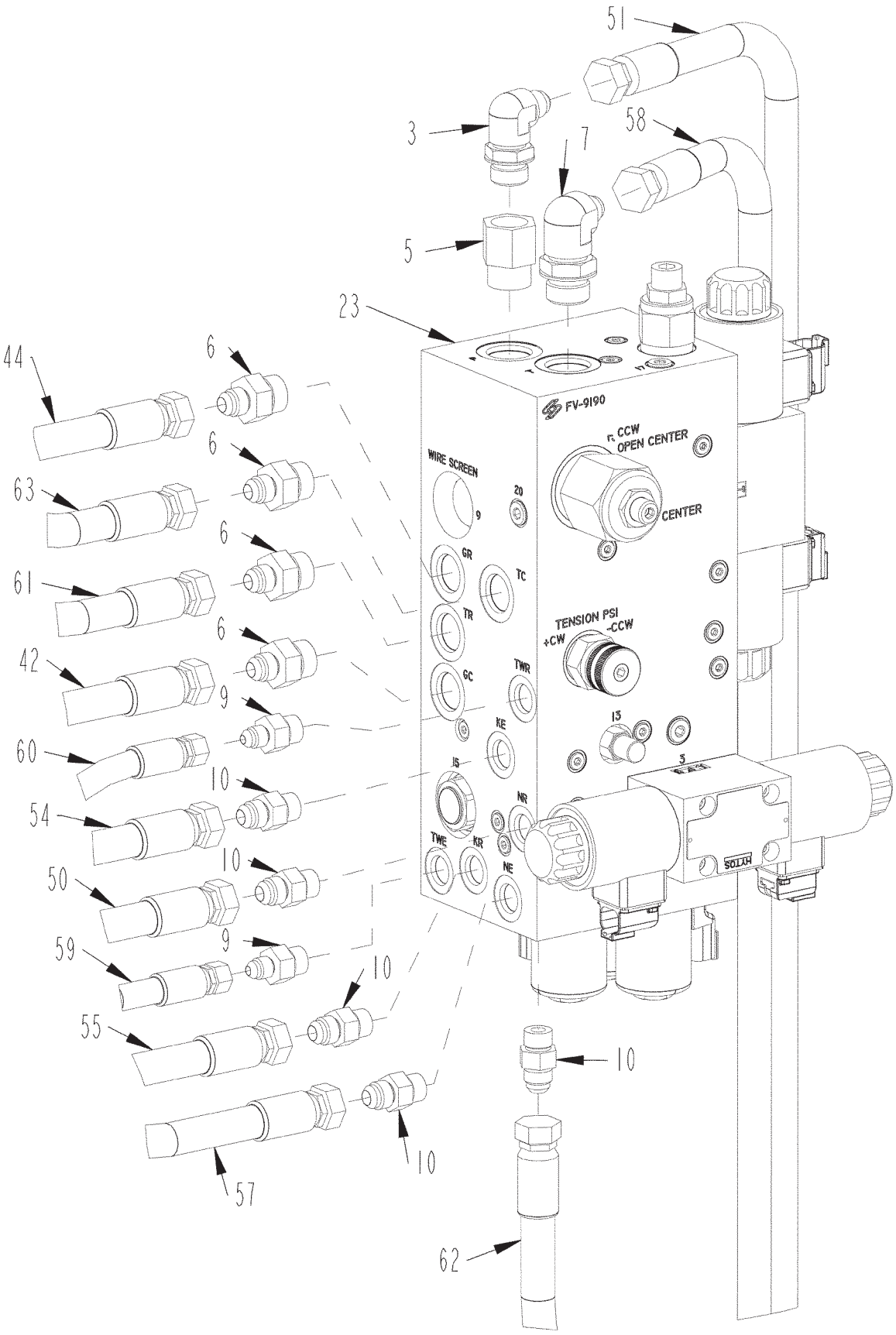
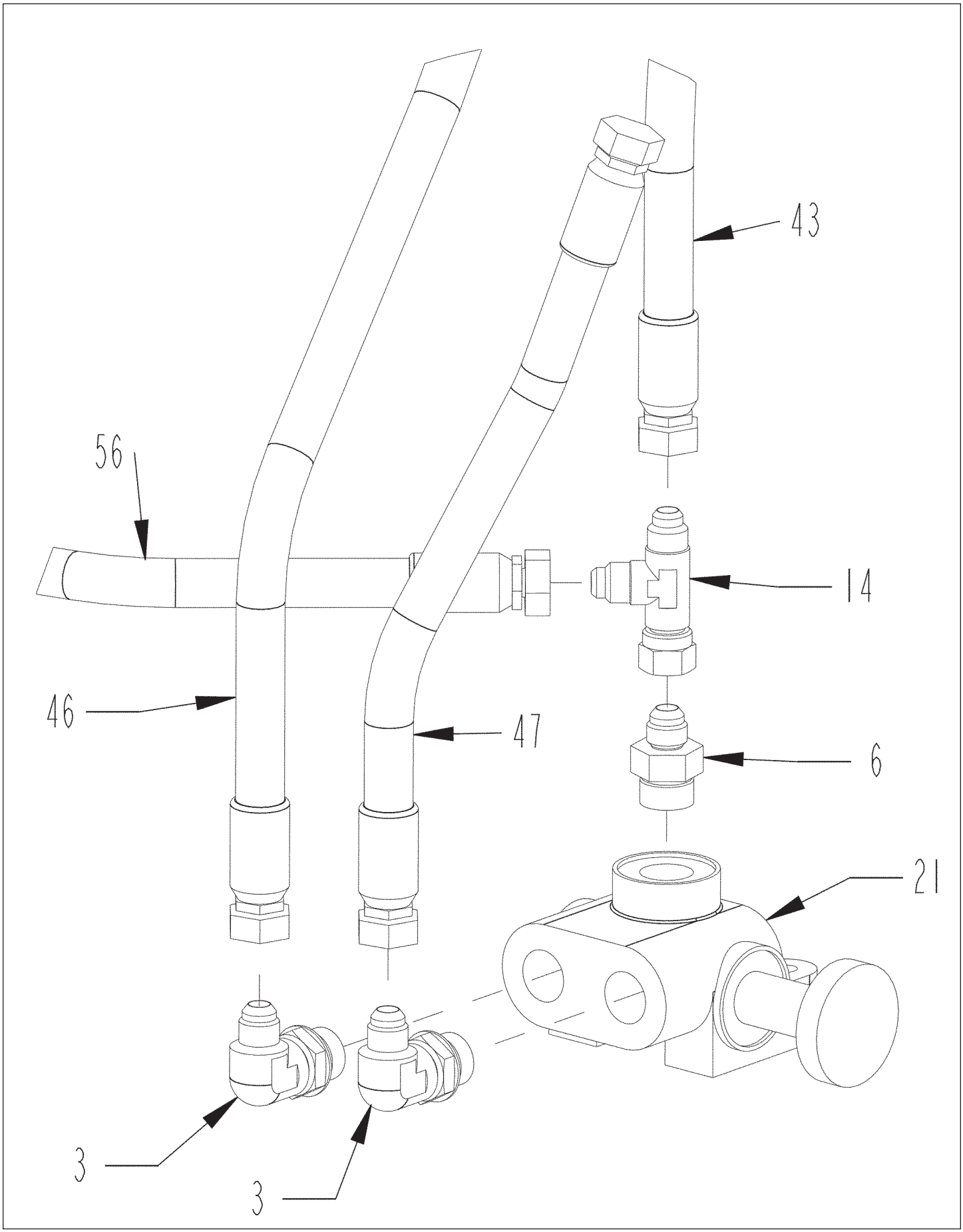


NOTE: KE AND KR LABELING ON PORTS ARE REVERSED SN11-30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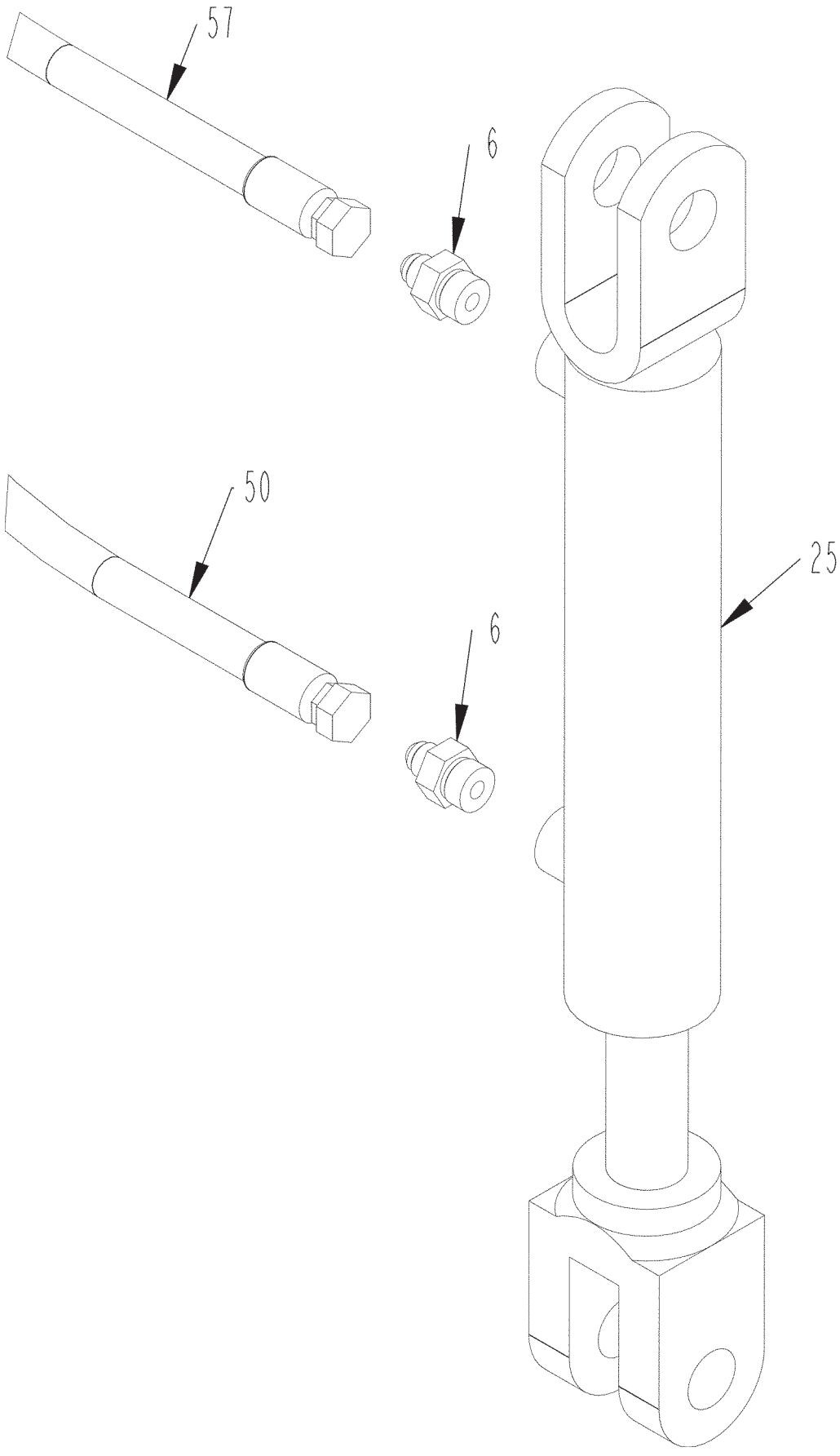
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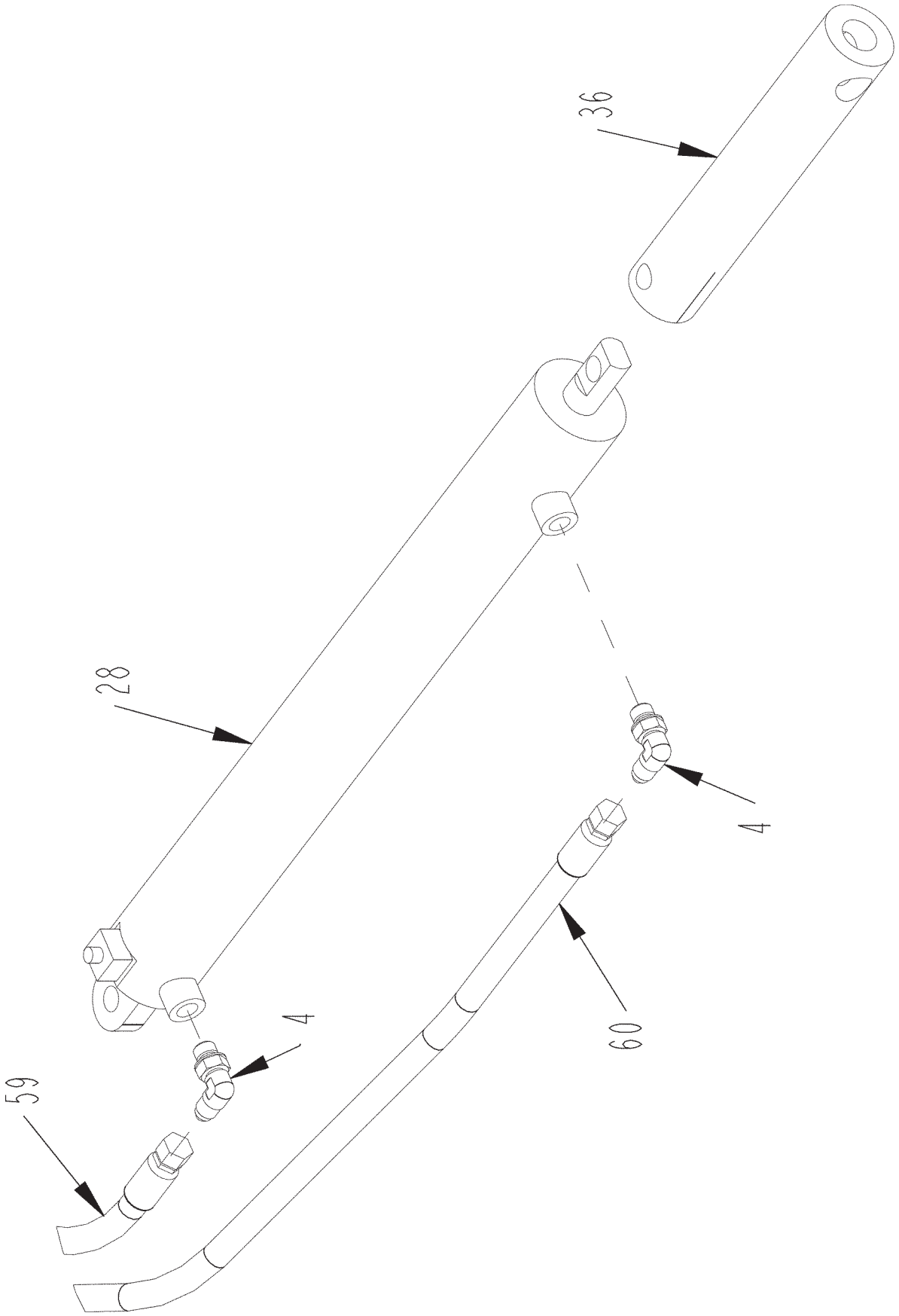
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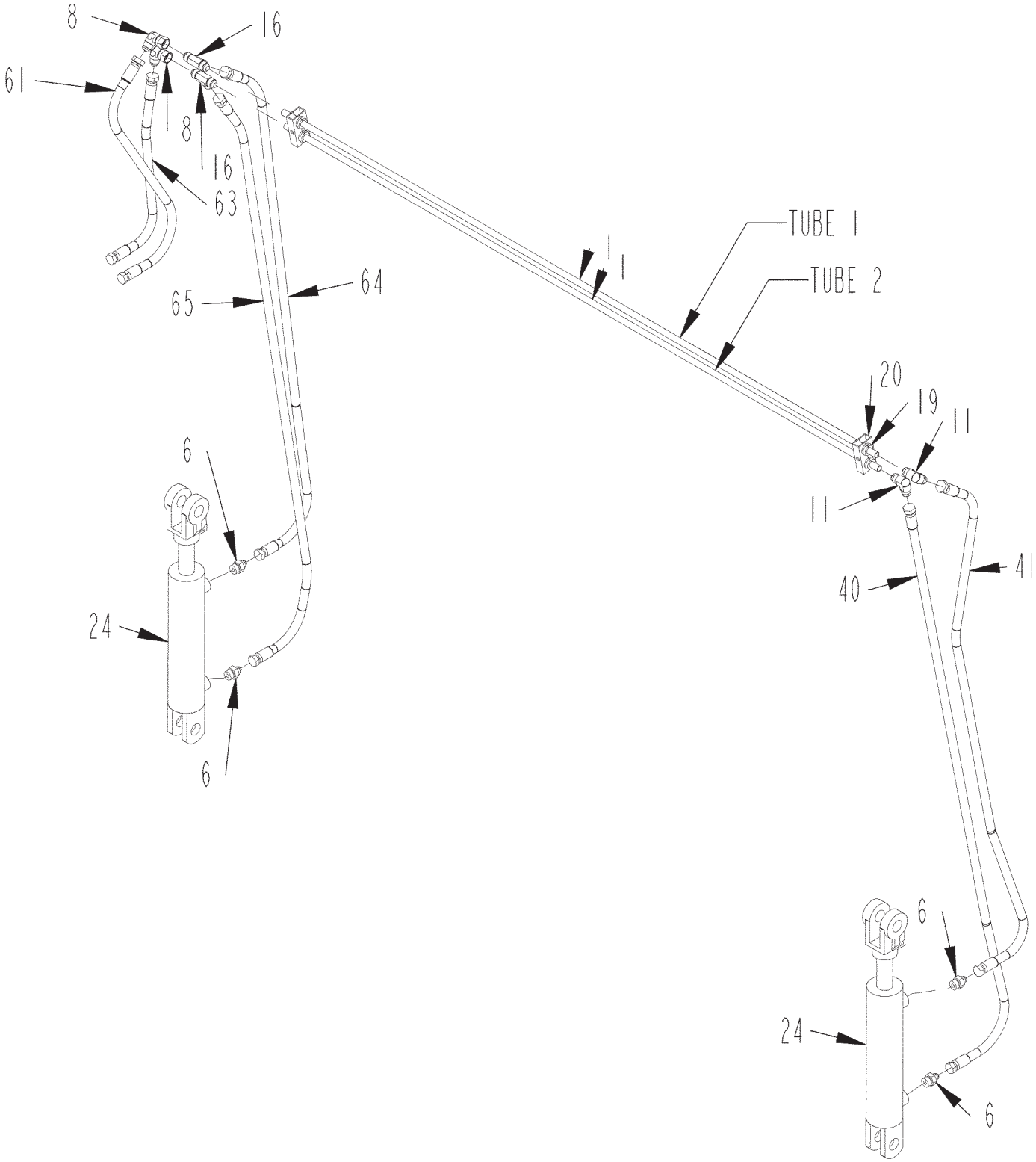
8
16
61
8
16
63
TUBE 1
1
1
TUBE 2
64
65
20
19
11
11
6
41
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24
6
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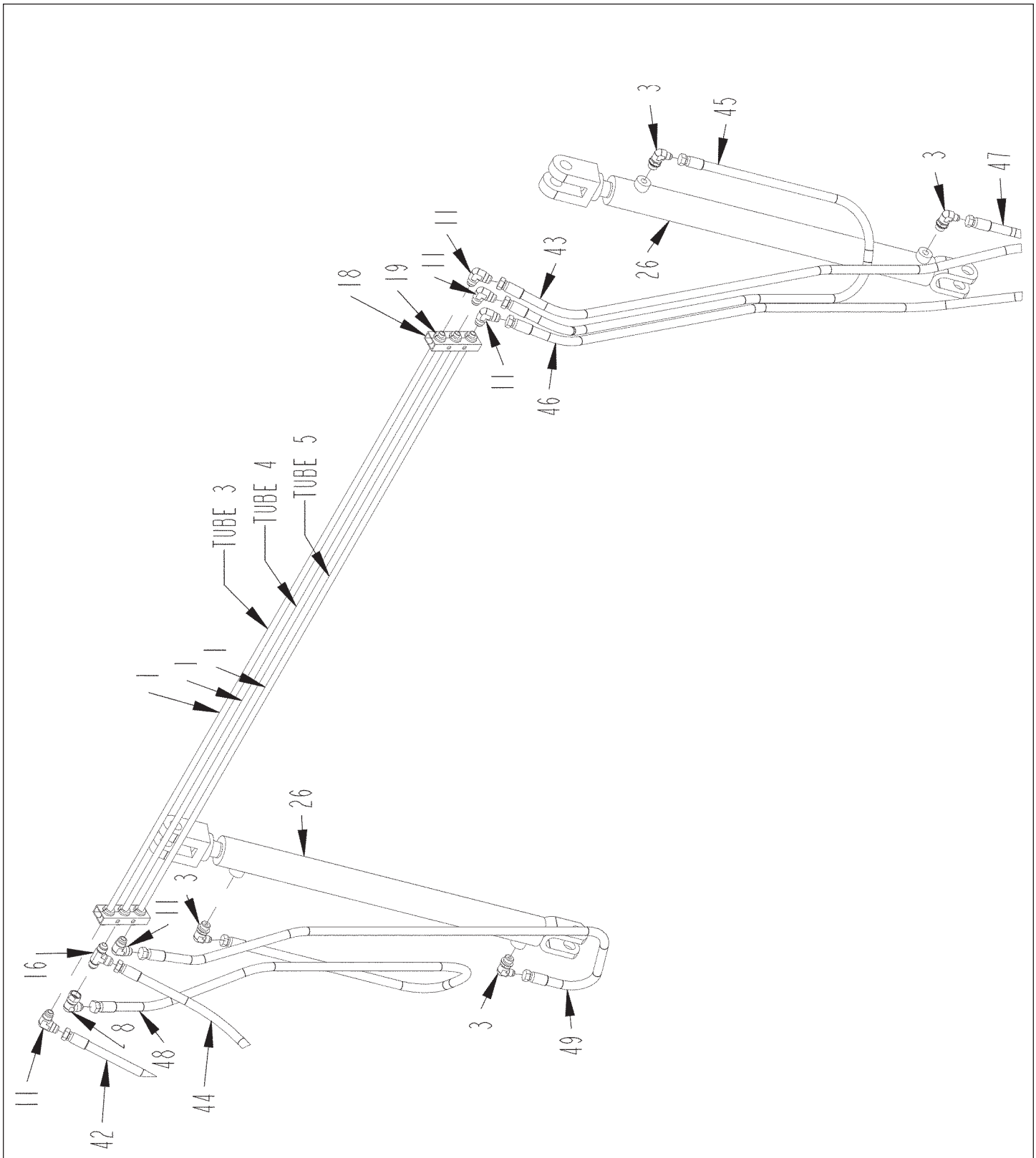
6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3
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18
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TUBE 3
TUBE 4
TUBE 5
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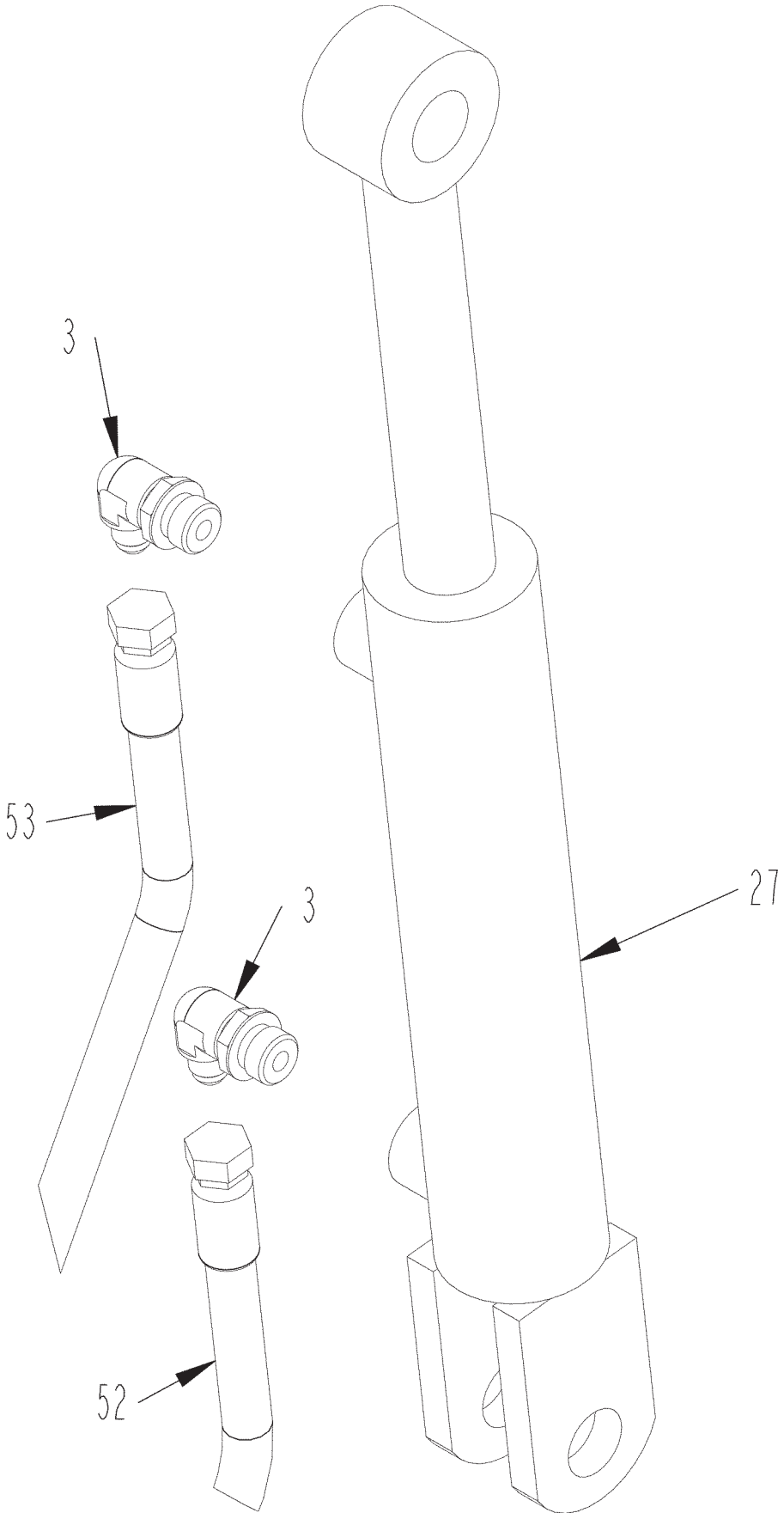
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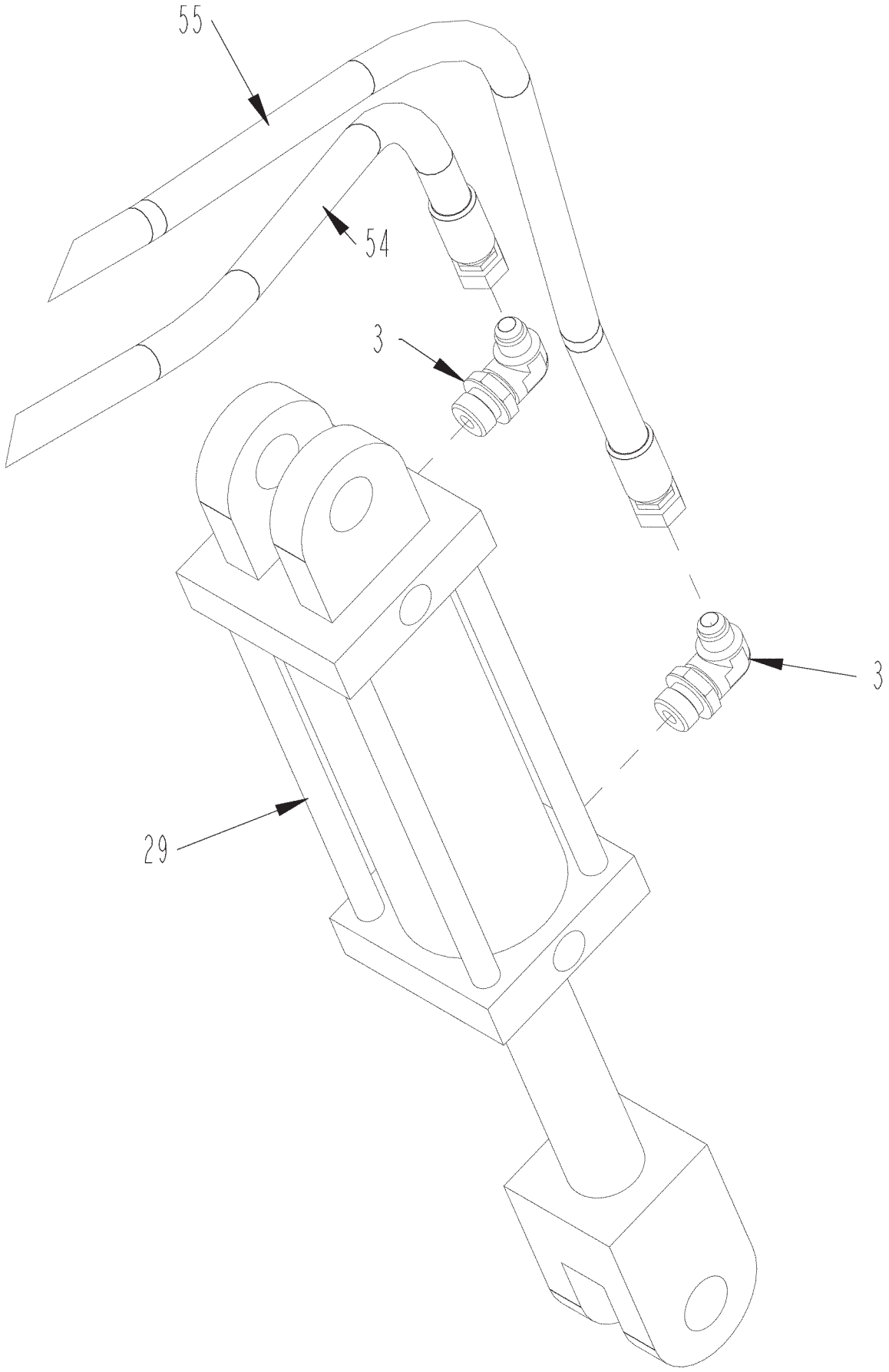
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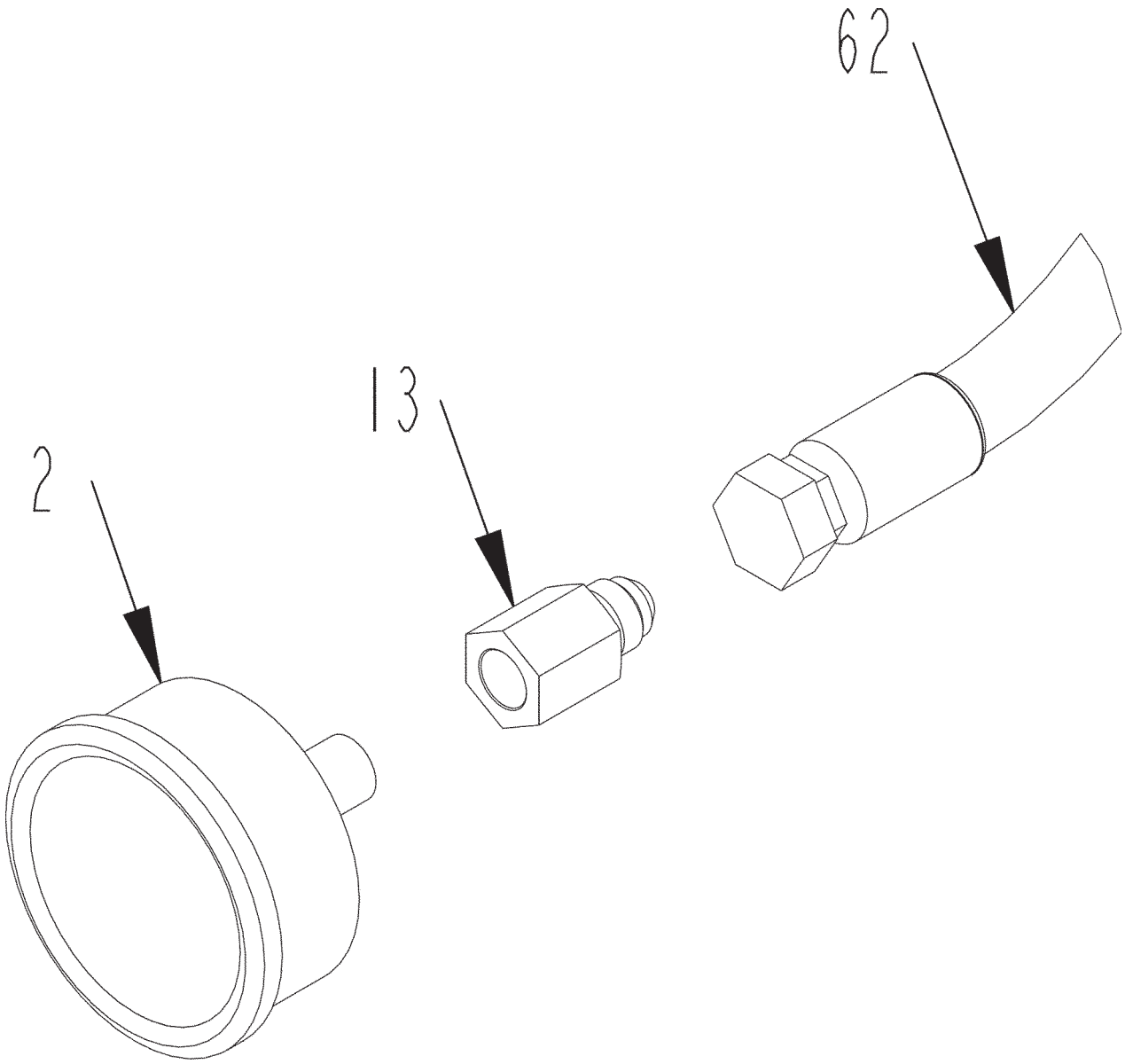
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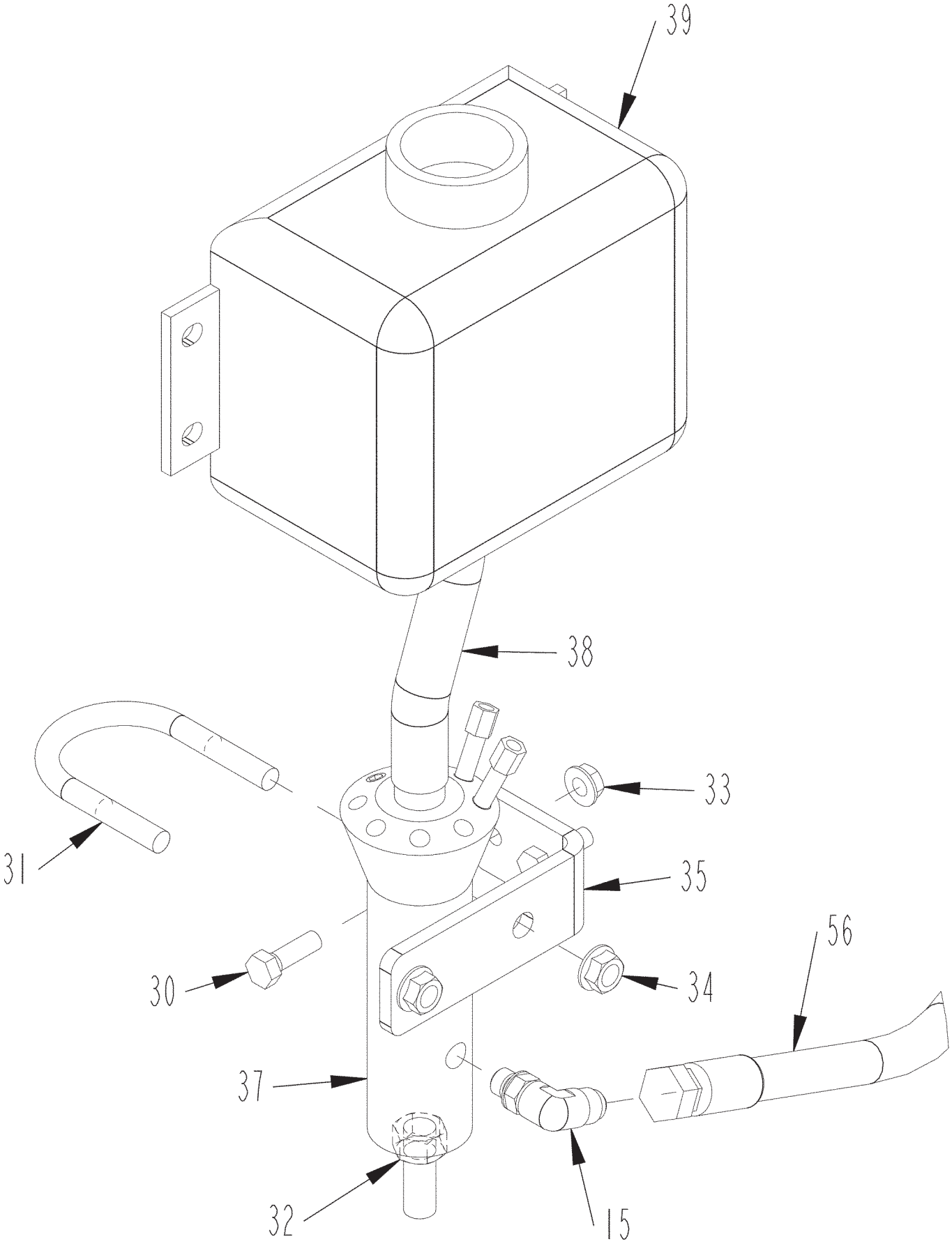
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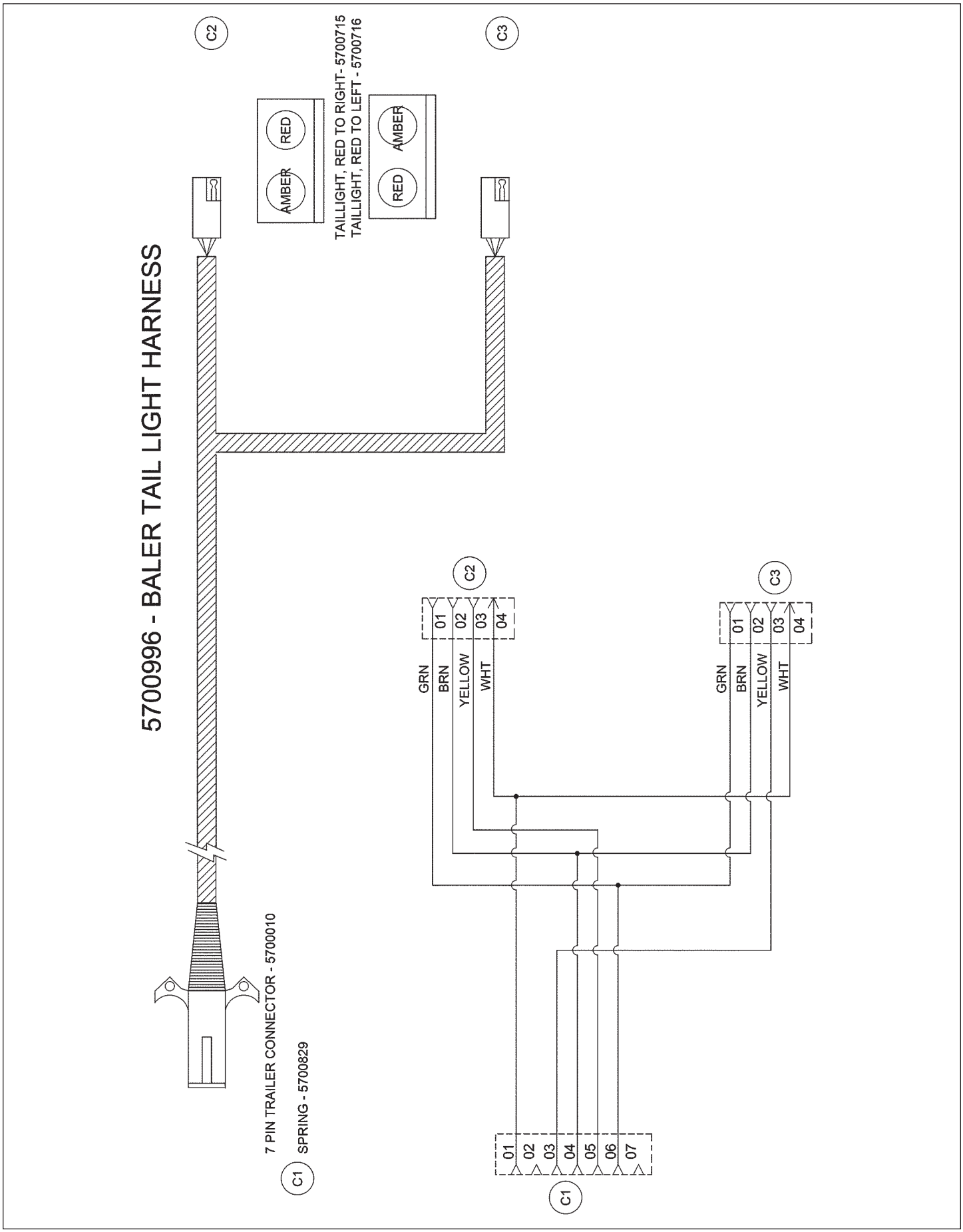
ITEM	PART	QTY.	PART DESCRIPTION
1	3701262	5	TUBELINES\BALER
2	3800381	1	GAUGE\3000PSI\REAR STEM
3	3800453	11	FTG\3/4MORX9/16MJIC\90
4	3800472	2	FTG\7/16MORX7/16MJIC\90
5	3800512	1	FTG\7/8MORX3/4FOR\ADPT
6	3800530	11	FTG\3/4MORX9/16MJIC\ST
7	3800538	1	FTG\7/8MORX9/16MJIC\90
8	3800546	3	FTG\3/4MJICX3/4FJIC\90\SW
9	3800586	2	FTG9/16MORX7/16MJIC\ST
10	3800631	5	FTG\9/16MORX9/16MJIC\ST
11	3800673	7	FTG\3/4MJICX3/4MJIC\90
12	3800694	4	FTG\3/4FOR\QUICK;CPLR\MALE
13	3800758	1	FTG\9/16MJICX1/4FP\ADPT
14	3800759	1	FTG\9/16FJICSX9/16MJICX9/16MJIC\RUN;TEE
15	3800762	1	FTG\7/16MORX9/16MJIC\90
16	3800766	3	FTG\3/4MJICX3/4MJICX3/4MJIC\TEE
17	3800940	1	FTG\3/4MORX3/4MOR\ADPT
18	3800961	2	CLAMP\TUBE\7/8\3HOLES
19	3800962	10	BUSH\RBBR\1/2TUBE\7/8ODX1/2IDX1-5/16L
20	3800963	2	CLAMP\HOSE\7/8\2HOLES
21	4000269	1	VAVLE\BOLCK\HYD\ON/OFF
22	4000443	1	VALVE\BALL\3/4FORX3/4FOR\7250PSI
23	4000497	1	VALVE\HYD\BALER
24	4100331	2	CYL\HYD\3X8\TIEROD\3000PSI
25	4100226	1	CYL\HYD\2X8\1-1/4RD\WELDE
26	4100241	2	CYL\HYD\2X24\1-1/4ROD
27	4100252	1	CYL\HYD\3X24\1-1/2RD\WELD
28	4100283	1	CYL\HYD\1-1/2X8X3/4MLRT
29	4100331	1	CYL\HYD\3X8\TIEROD\3000PSI
30	4800013	2	BOLT\HEX\5/16X1
31	4800014	1	BOLT\U\3/8X2X2-5/8
32	4900087	1	NUT\JAM\1/2\NF
33	4900027	2	NUT\FLG\TPLCK\5/16\NC
34	4900109	2	NUT\FLG\TPLCK\3/8\NC
35	7200592	1	BRKT\VLV\OILER
36	7200664	1	BUSH\RODEND\TWINEARM
37	7501134_VALVE	1	OILER\BALER\LUBE\SYSTEM
38	7501134_TUBE	1	TUBE\OILER\BALER\LUBE\SYSTEM
39	7501134_TANK	1	TANK\OILER\BALER\LUBE\SYSTEM
40	3701347	1	HOSE\HYD\3/8X63\3/4FJICX9/16FJIC (Tube 2 LH to base end LH tension cyl)
41	3701253	1	HOSE\HYD\3/8X56\3/4FJICX9/16FJIC (Tube 1 LH to rod end LH tension cyl)
42	3701254	1	HOSE\HYD\3/8X45\3/4FJIC-9/16FJIC (Tube 3 RH to GC port baler valve)
43	3701255	1	HOSE\HYD\3/8X58\3/4FJICX9/16FJIC (Tube 3 LH to shutoff valve)
44	3701254	1	HOSE\HYD\3/8X45\3/4FJIC-9/16FJIC (Tube 4 RH to GR port baler valve)
45	3701256	1	HOSE\HYD\3/8X75\3/4FJICX9/16FJIC (Tube 4 LH to rod end LH gate cylinder)
46	3701253	1	HOSE\HYD\3/8X56\3/4FJICX9/16FJIC (Tube 5 LH to shutoff valve LH workport)
47	3700937	1	HOSE\HYD\3/8X16\9/16FJICS (LH base cylinder to RH workport shutoff valve)
48	3701258	1	HOSE\HYD\3/8X73\3/4FJICX9/16FJIC (Tube 4 RH to rod end RH gate cylinder)
49	3701255	1	HOSE\HYD\3/8X58\3/4FJICX9/16FJIC (Tube 5 RH to base end RH gate cylinder)
50	3701259	1	HOSE\HYD\3/8X145\9/16FJIC (NR port valve to rod end net wrap cyl)
51	3701248	1	HOSE\HYD\3/8X183\3/4MORX9/16FJICS (Tractor to P port)
52	3701260	1	HOSE\HYD\3/8X131\3/4MOR-9/16FJIC (Tractor to base end pickup lift)
53	3701260	1	HOSE\HYD\3/8X131\3/4MOR-9/16FJIC (Tractor to rod end pickup lift)
54	3701261	1	HOSE\HYD\3/8X133\9/16FJIC (KE port to base end kicker cyl)
55	3701348	1	HOSE\HYD\3/8X143\9/16FJIC (KR port to rod end kicker cyl)
56	3701362	1	HOSE\HYD\3/8X48\9/16FJIC (Oiler valve to shutoff valve tee)
57	3701348	1	HOSE\HYD\3/8X143\9/16FJIC (NE port valve to base end net wrap cyl)
58	3701248	1	HOSE\HYD\3/8X183\3/4MORX9/16FJICS (Tractor to T port)
59	3701249	1	HOSE\HYD\1/4X73\7/16FJIC (TWE port to base end twine cylinder)
60	3701250	1	HOSE\HYD\1/4X88\7/16FJIC (TWR port to rod end twine cylinder)
61	3701251	1	HOSE\HYD\3/8X28\3/4FJIC-9/16FJIC (Tube 1 RH to TR port baler valve)
62	3701346	1	HOSE\HYD\3/8X33\9/16FJICS (TRG port to pressure gauge)
63	3701252	1	HOSE\HYD\3/8X20\3/4FJIC-9/16FJIC (Tube 2 RH to TC port baler valve)
64	3701253	1	HOSE\HYD\3/8X56\3/4FJICX9/16FJIC (Tube 1 RH to rod end RH tension cyl)
65	3701347	1	HOSE\HYD\3/8X63\3/4FJICX9/16FJIC (Tube 2 RH to base end RH tension cyl)


5700996 - BALER TAIL LIGHT HARNESS
C2
C3
TAILLIGHT, RED TO RIGHT- 5700715
TAILLIGHT, RED TO LEFT - 5700716
RED
AMBER
RED
AMBER
7 PIN TRAILER CONNECTOR - 5700010
C1 SPRING - 5700829
GRN
BRN
YELLOW
WHT
01
02
03
04
05
06
07


HAYBUSTER®
A Tradition of Innovation Since 1966

HAYBUSTER

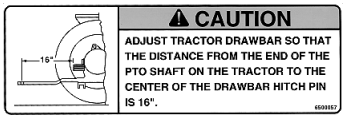
1.

⚠ WARNING **⚠ ADVERTENCIA**

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

PARA ASEGURAR SU PROTECCION, MANTENGA TODOS LOS PROTECTORES EN SU LUGAR Y ASEGURADOS MIENTRAS LA MAQUINA ESTE OPERANDO. LAS PIEZAS MOVILES INTERNAS PUEDEN CAUSAR LESIONES PERSONALES GRAVES.

2.



3.

⚠ DANGER

ROTATING PARTS WITHIN CAN KILL OR DISMEMBER
WAIT FOR ALL MOVEMENT TO STOP BEFORE SERVICING, UNCLOGGING OR INSPECTING MACHINE
6500082

4.

5.

⚠ WARNING **⚠ ADVERTENCIA**

FOR YOUR PROTECTION AND SAFETY OF OTHERS, FOLLOW THESE SAFETY RULES.

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

PARA SU PROTECCIÓN Y LA SEGURIDAD DE OTROS, OBSERVE ESTAS NORMAS DE SEGURIDAD

1. Lea y comprenda el manual del operador antes de operar la máquina.
2. Coloque todos los controles en punto neutro, apague el motor, retire la llave de encendido, cierre la alimentación de electricidad y espere a que se detenga todo el movimiento antes de proceder al servicio, ajuste, reparación o desenchufado.
3. Lea y comprenda todas las calcomanías adheridas a la máquina para su seguridad.
4. Mantenga todas las defensas en su lugar mientras la máquina está en funcionamiento.
5. Mantenga las manos, pies, cabello y ropa lejos de las partes en movimiento.
6. Mantenga a otras personas alejadas de la máquina en funcionamiento.
7. Instale trabas de seguridad antes de proceder al transporte o a trabajar debajo de los componentes.
8. No permita en ningún momento que otras personas viajen en la máquina.
9. No deje a la máquina sin operador con el motor encendido.
10. Mantenga todas las líneas hidráulicas, acoplamientos y accesorios sin fugas durante el funcionamiento.
11. Permanezca alejado de las líneas eléctricas elevadas. Puede producirse la electrocución sin contacto directo.
12. Analice las instrucciones de seguridad en forma periódica.

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HAYBUSTER

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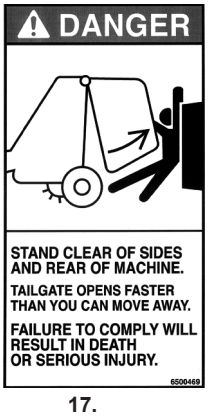

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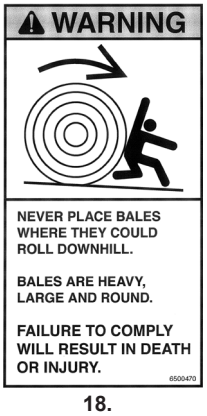


18.

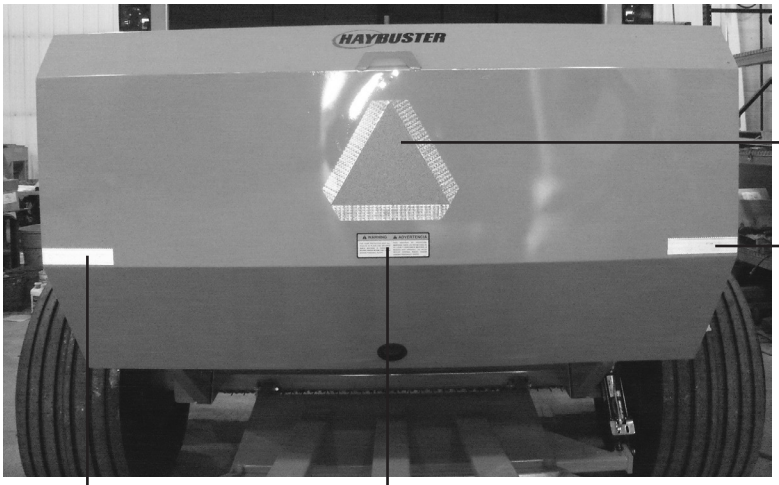
19.

ITEM	PART	QTY.	PART DESCRIPTION
1	6500020	3	DECAL\LOGO\HYBSTR\SNBRS\3
2	6500040	2	DECAL\WARN\SHIELD\PROT
3	6500057	1	DECAL\CAUT\ADJ.DRAW BAR
4	6500082	2	DECAL\WARN\ROTATN;PART;>
5	6500085	1	DECAL\DNGR\ROTATNG;DR-LNE
6	6500208	1	DECAL\WARN\GENERAL
7	6500219	2	DECAL\DNGR\MOVING;PRTS\>
8	6500220	3	DECAL\WARN\HI;PRESS;FLUID
9	6500302	16 FT	DECAL\LOGO\STRIP\3\RD&BLK
10	6500304	1	DECAL\LOGO\HYBSTR\1-3/4\W/
11	6500339	2	DECAL\WARN\PINCH;POINT
12	6500366	1	DECAL\SMV
13	6500378	4	DECAL\LOGO\572
14	6500434	2	DECAL\2X9\RED\REFCT
15	6500435	2	DECAL\2X9\AMBER\REFCT
16	6500468	2	DECAL\BALER\LOCK\TAILGATE
17	6500469	2	DECAL\BALER\OPEN\TAILGATE
18	6500470	1	DECAL\BALE\ROLLING
19	6500471	1	DECAL\BALER\DISENGAGE
20	6500472	1	DECAL\PATENT\US\7337603
	6500392		**DECAL\KIT\BALER\572**

NOT SHOWN

7500077	12 OZ	YELLOW SPRAY PAINT
7500092	QUART	YELLOW PAINT
7500091	GALLON	YELLOW PAINT
7500078	12 OZ	RED SPRAY PAINT
7500105	QUART	RED PAINT
7500104	GALLON	RED PAINT

6500085



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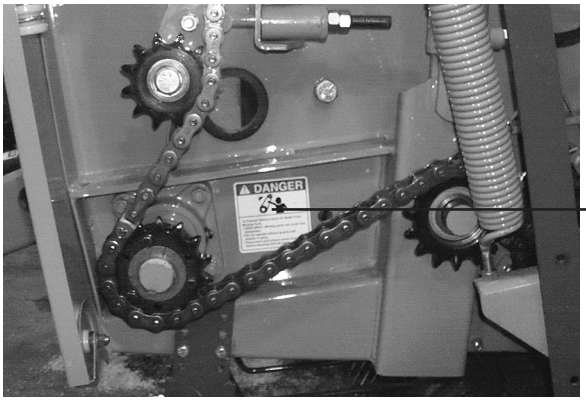

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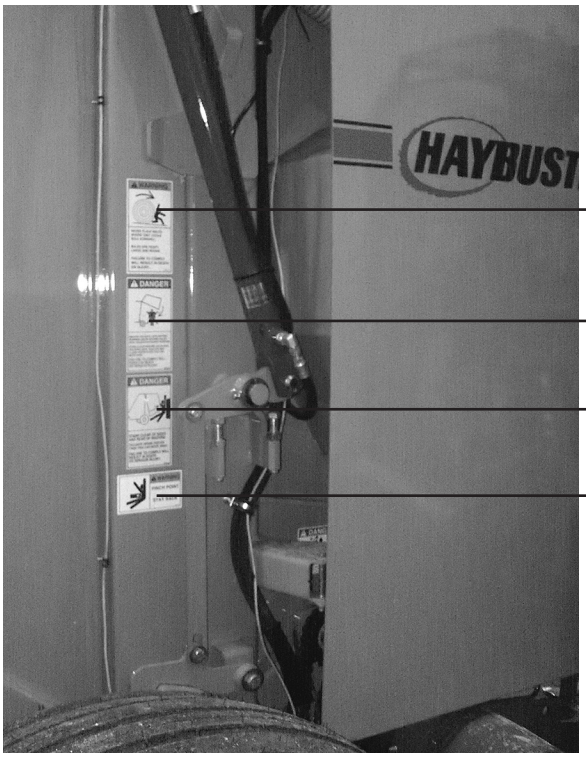

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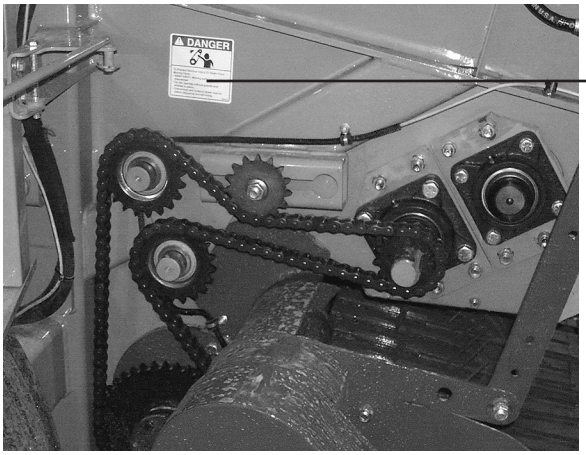

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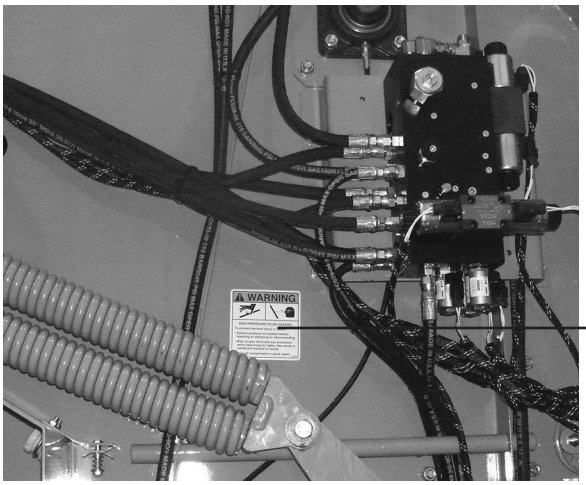

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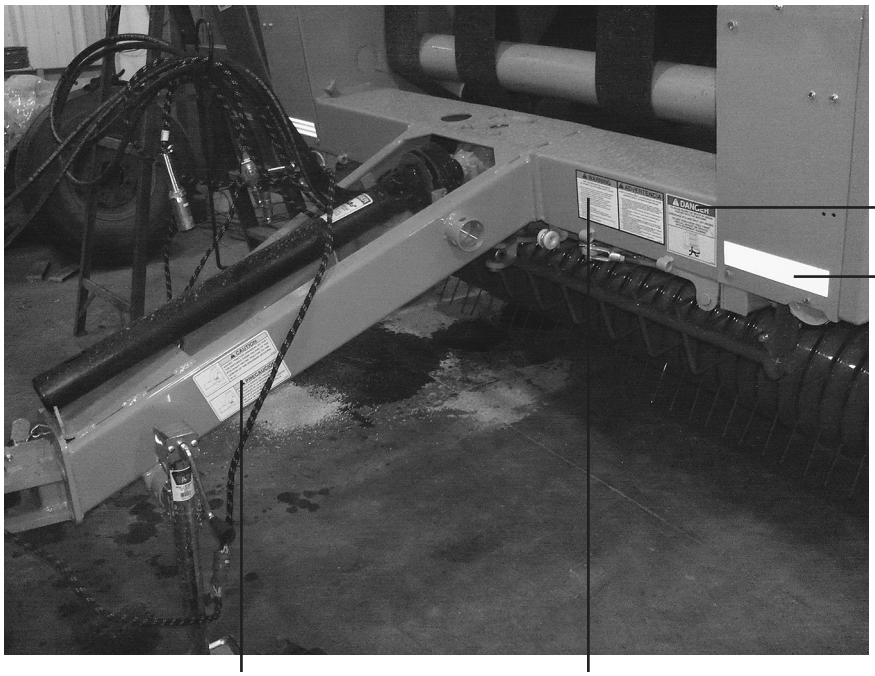
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6500472


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572 Round Baler Documentation Comment Form

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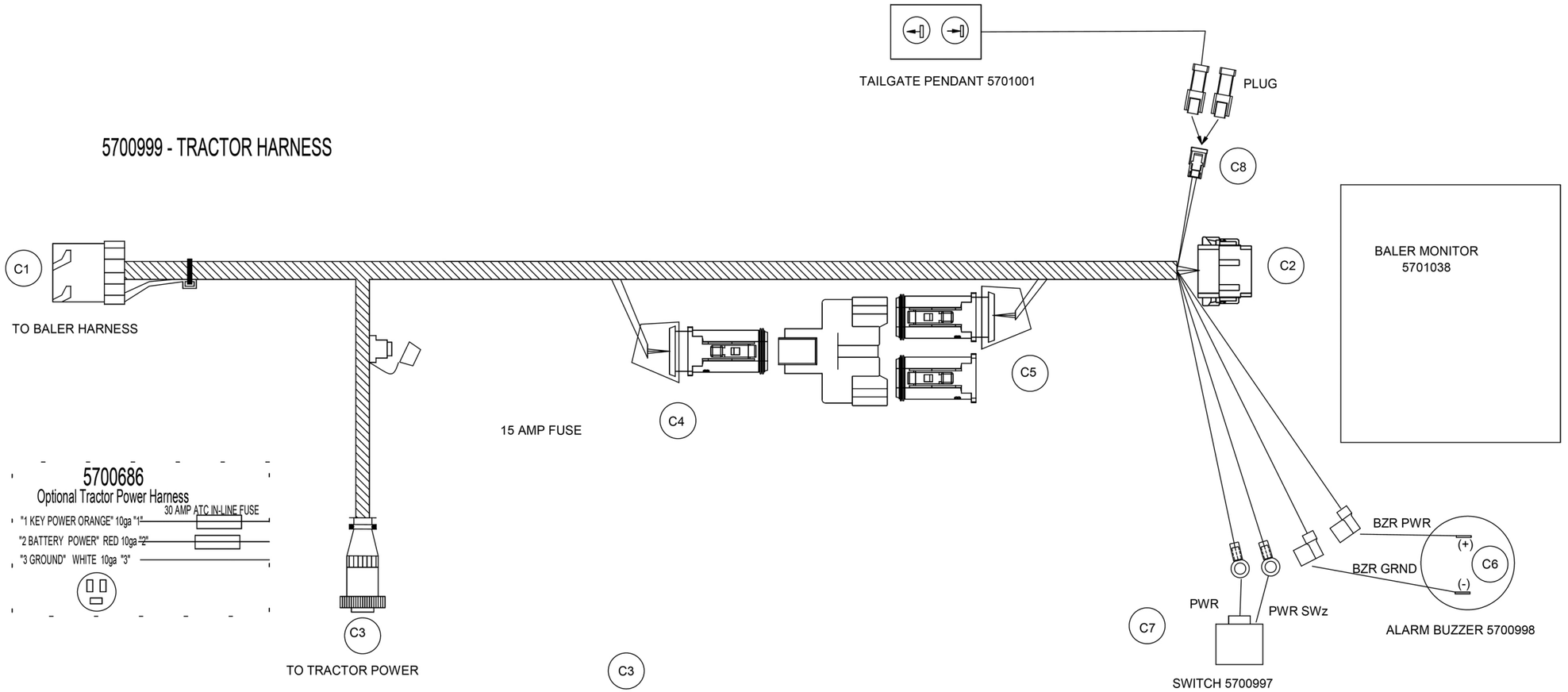
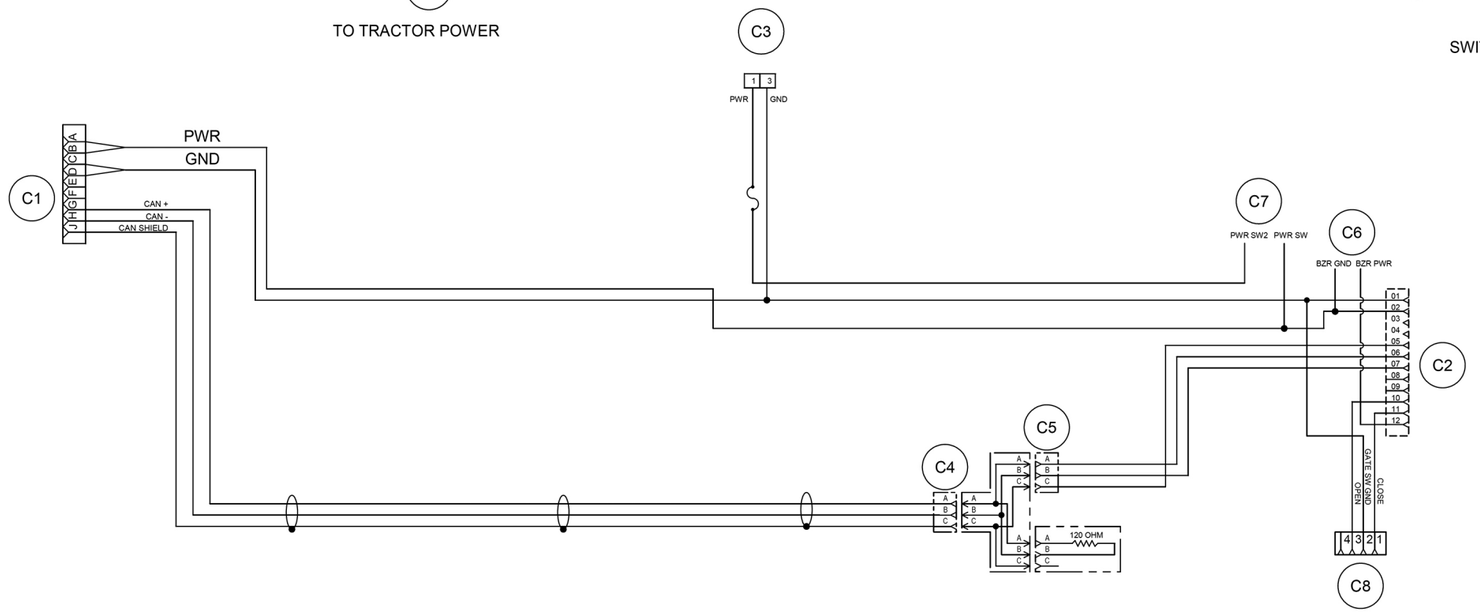
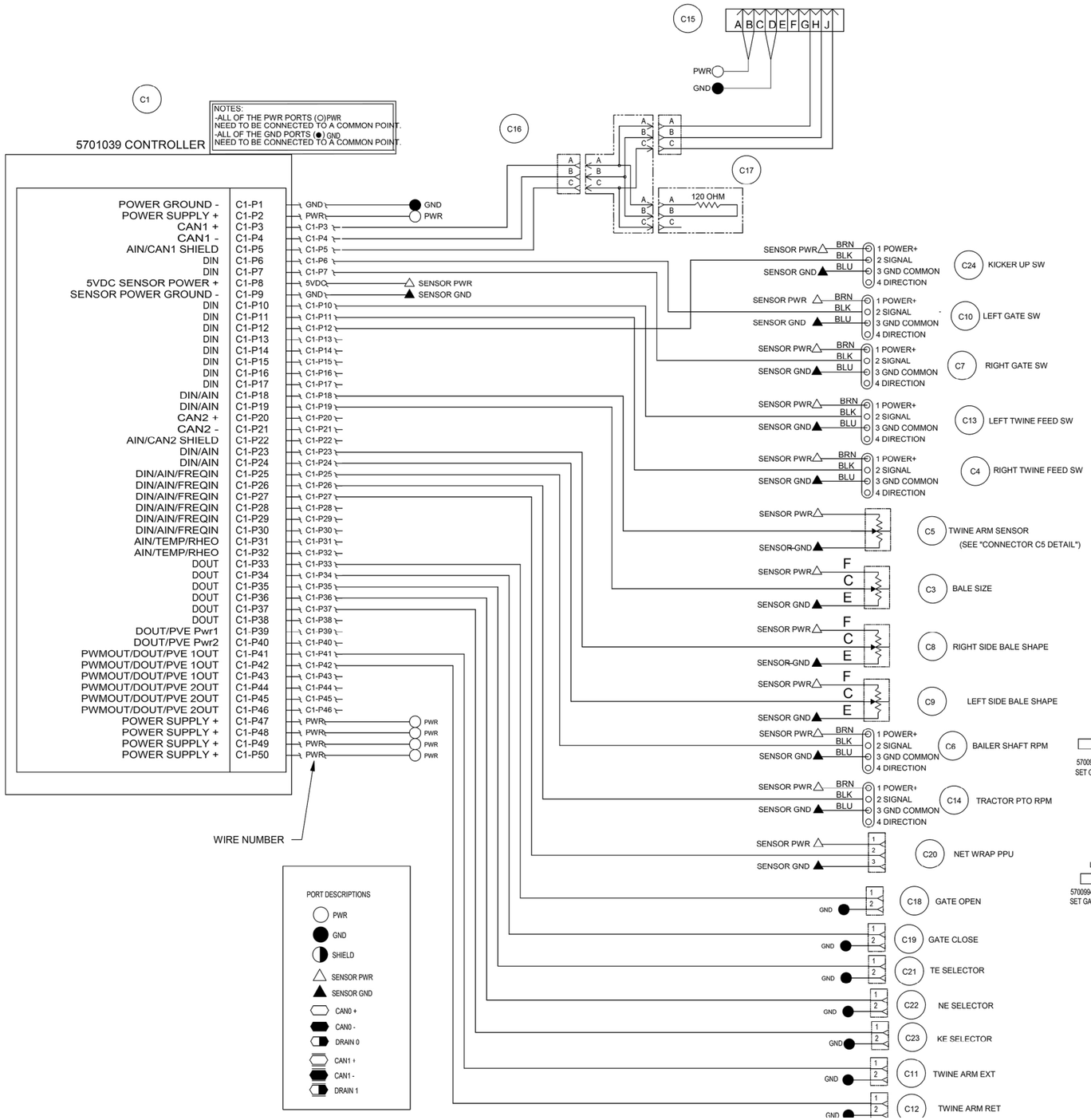




C1 TO BALER HARNESS
C2 TO MONITOR IN CAB
C3 TRACTOR POWER SUPPLY
C4 CAN BUSS CONNECTION
C5 CAN BUSS CONNECTION
C6 ALARM BUZZER
C7 ON-OFF SWITCH
C8 OPTIONAL PENDANT CONTROL



5701000 - BALER HARNESS