



3106 ROCK-EZE™

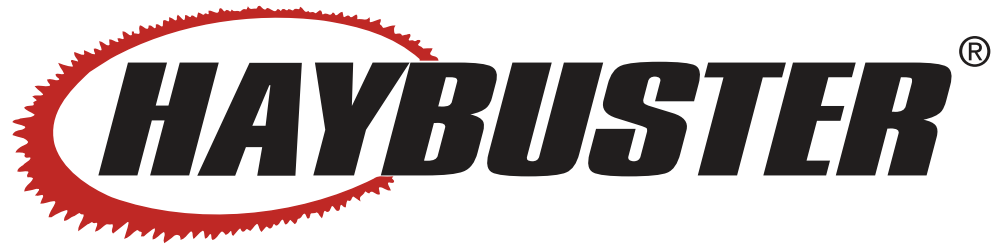
Serial Number AJ330106 & UP



Operating Instructions

and Parts Reference





3106TM ROCK-EZETM

Serial Number AJ330106 & UP

Operating Instructions

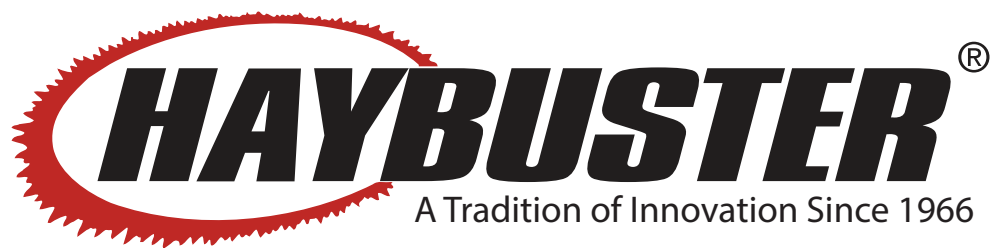
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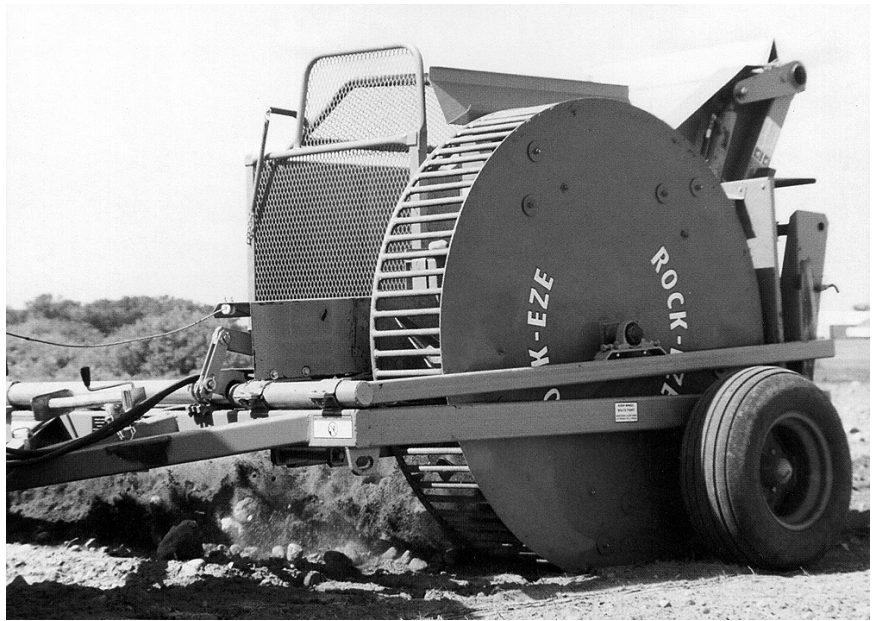
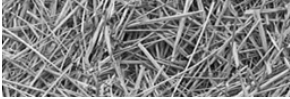
DuraTech Industries International Inc. (DuraTech Industries) has made every effort to assure that this manual completely and accurately describes the operation and maintenance of the 3106 ROCK-EZETM as of the date of publication. DuraTech Industries reserves the right to make updates to the machine from 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 before operating unit

- The “Introduction” section, which explains normal operation of the machine.
- Section 1, “Safety” which contains important safety information.
- Section 2, “Dealer Preparation” to verify that the machine has been prepared for use.
- Section 3.1, “Pre-Operation Inspection”.

Appropriate use of the unit

This 3106 ROCK-EZE combination windrower and rock picker is designed to windrow fields while picking rocks with diameters from 2 to 15 inches.

Operator protection

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



WARNING: Operators and those observing the operation of the 3106 ROCK-EZE are required to wear head, eye, and ear protection. No loose clothing is allowed.

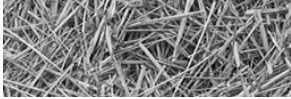
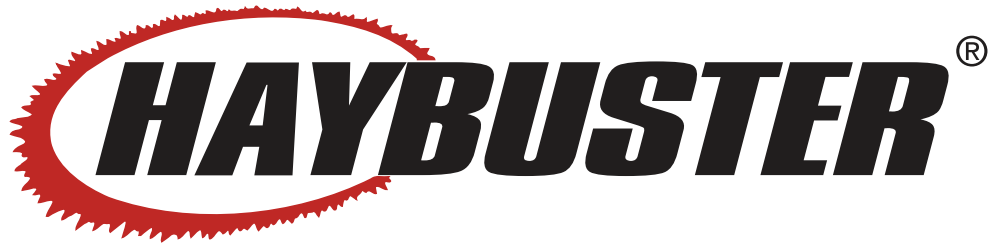


TABLE OF CONTENTS

Part 1: Operating Instruction	1
Introduction	2
Purpose	2
Serial Number Location.....	2
Section 1: Safety.....	5
1.1 Safety-alert symbols	5
1.2 Operator - personal equipment	7
1.3 Machine safety labels	8
1.4 Safety review	10
1.5 Towing/road transport	11
Section 2: Dealer preparation	12
2.1 ASSEMBLY	12
2.2 ADJUSTMENTS.....	21
Section 3: Operation	22
3.1 Pre-operation inspection.....	22
3.2 Normal shutdown procedure	23
3.3 3106 ROCK-EZE hydraulic system.....	23
3.3.1 Using the 3106 ROCK-EZE with a tractor that has triple hydraulic outlets	23
3.3.2 Hose Torquing Procedure	23
3.4 Operating Tips	26
3.5 Storage.....	27
3.5.1 Preparing the machine for storage:.....	27
3.5.2 Removing the machine from storage.....	27
Section 4: General maintenance	28
4.1 Lubrication	28
4.2 Axle, wheels, tires	33
4.3 General appearance	33
Appendix A: Warranty	34
Appendix B: General specifications	36
Appendix C: Required for operation	36





3106TM ROCK-EZETM

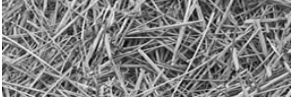
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Operating Instructions

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Introduction

This 3106 ROCK-EZE combination windrower and rock picker is designed to windrow fields while picking rocks with diameters from 2 to 15 inches.

Purpose

The purpose of this owner's manual is to explain maintenance requirements and routine adjustments for the most efficient operation of your 3106 ROCK-EZE. There is also a trouble shooting section that may help in case of problems in the field. Any information not covered in this manual may be obtained from your dealer.



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

MODEL: 3106 ROCK-EZE SERIAL NO. _____

Serial Number Location

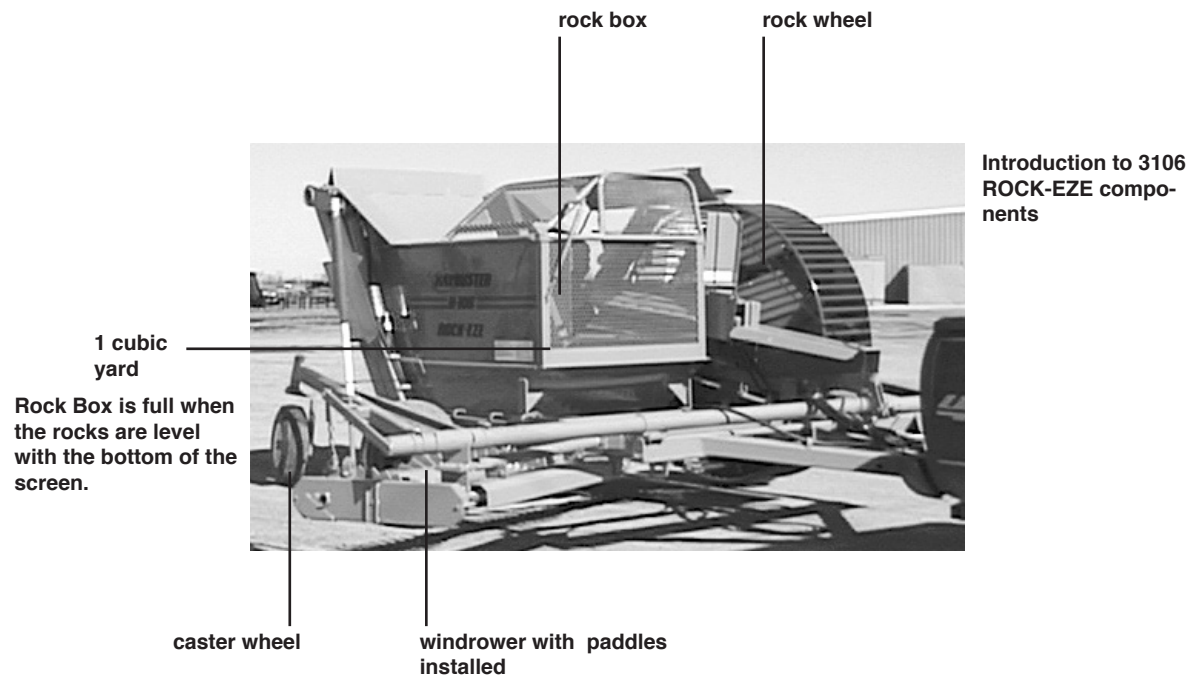
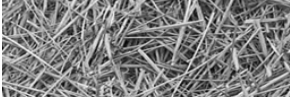
The serial number is located on the mainframe by the hitch adjuster arm. If the serial number decal is missing, the number is also stamped into the frame above the decal location.

Please have the serial number ready when making inquiries regarding this machine.

serial number stamped
in frame

serial number decal





There are some important points to remember in the operation of your 3106 ROCK-EZE.

1. The Tractor used to power your rockpicker should have an adequate hydraulic system. A minimum of 12 G.P.M., and 1500 P.S.I. is required at the outlets where hoses from rockpicker are plugged into tractor.

If the hydraulic system is not adequate, system will heat causing rotors to slow down and possibly stop. Some older tractors do not have coolers in their hydraulic system. Some have small oil reserves. Either case will allow fluid to heat rapidly.

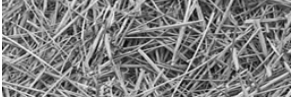
When rotors operate properly, the rock box will fill nearly level from side to side. If box fills only on the side nearest the kicker rotor, R.P.M. should be checked with tachometer at rear of kicker rotor. Rotor should turn a minimum of 500 R.P.M. Any less will allow rocks to wedge in kicker rotor.

In cases when specifications are adequate, but rotors tend to operate too slow, tractors hydraulic system should be checked for G.P.M. and P.S.I., as systems tend to wear and not meet manufacturers specifications.

2. Conditions of terrain to be picked are important. Soil should be loose and free of trash. Terrain with ridges does not allow windrower to gather small stones.

This machine was not designed to dig rocks. In most cases, windrower rotor should be allowed to skim approximately 1" of loose topsoil.

Trash gathered in rock wheel does not allow small rocks to tumble free and the dirt to fall through bars.



Hydraulic specifications

Any tractor having an adequate system (minimum of 12 G.P.M. and 1500 P.S.I. at tractor outlets) may be used on this rockpicker. The 3106 ROCK-EZE comes standard with hoses to accommodate triple outlets from the tractor. Optional kits are available for tractor with single or double outlets.

Optional equipment

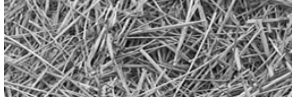
1. Kits for equipment with single or double hydraulic outlets.
2. Loose surface rocks may be picked from level soil which is not tilled, such as pasture or stubble ground. Some rocks will roll out in front of the rock wheel. An optional drag plate is available to stop these rocks and direct them into the wheel.

Dealer responsibilities

- Read Section 2, “Dealer Preparation,” and perform the tasks outlined. Also perform a pre-operation inspection as described in Section 3.1.
- Upon delivery of the unit to the customer, it is your responsibility to conduct a training session on the safe operation of the unit for the primary operator(s). You must also conduct a “walk-around” inspection of all safety instructional decals on the machine itself. Decals are illustrated in Part 2: Parts Reference.
- Complete and return the Warranty Registration Card. Receipt of this form is required to activate the warranty. Appendix A provides details of the warranty.

Operator responsibilities

- Operator is responsible for his safety.
- Operator is also responsible for safety of others near the machine.
- Review Section 2, “Dealer Preparation,” to verify that the machine has been prepared for use.
- Thoroughly review sections 3 and 5, which explain normal operation of the machine, and section 6, which explain maintenance requirements.
- Note the important safety information in the Foreword and in Section 1, “Safety.”
- Keep copies of all manuals in a readily accessible location for future reference.



Section 1: Safety

The safety of the operator is of great importance to DuraTech Industries. We have provided decals, shield and other safety features to aid you in using your machine safely. In addition, we ask you to be a careful operator who will properly use and service your Haybuster equipment.



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

THIS MACHINE IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THOSE EXPLAINED IN THE OPERATOR'S MANUAL, ADVERTISING LITERATURE, OR OTHER DURATECH INDUSTRIES WRITTEN MATERIAL PERTAINING TO THE 3106 ROCK-EZE.

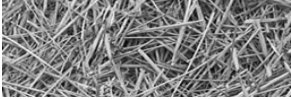
1.1 Safety-alert symbols

All decals are illustrated in **Part 2: Parts Reference**. Safety related decals are illustrated in section 1.3 "Machine safety labels"

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 **ASAE** standards in labeling its products for safety and operational characteristic.



Safety-Alert Symbol

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

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

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

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

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

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

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



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

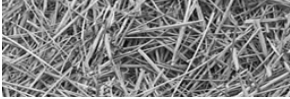


WARNING:
Signal word - Black Lettering/Orange Background
Safety Alert Symbol - Black Triangle/Orange Exclamation Point



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





1.2 Operator - personal equipment

THE OPERATOR

Physical Condition

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

Do not operate a **3106 ROCK-EZE** when you are fatigued. Be alert - If you get tired while operating your **3106 ROCK-EZE**, 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 machinery. Heavyduty, nonslip gloves improve your grip and protect your hands.



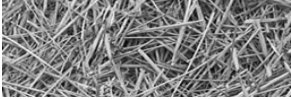
Good footing is most important. Wear sturdy boots with nonslip soles. Steel-toed safety boots are recommended.



To reduce the risk of injury to your eyes never operate a **3106 ROCK-EZE** 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.

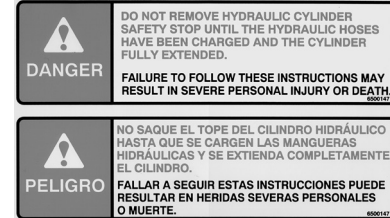


1.3 Machine safety labels

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.



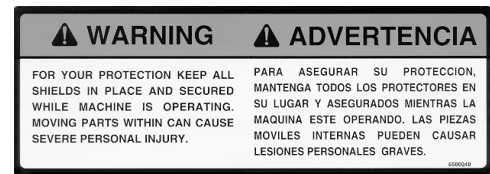
DANGER: DO NOT REMOVE HYDRAULIC CYLINDER SAFETY STOP UNTIL THE HYDRAULIC HOSES HAVE BEEN CHARGED AND THE CYLINDER FULLY EXTENDED. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SEVERE PERSONAL INJURY OR DEATH.



6500147



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

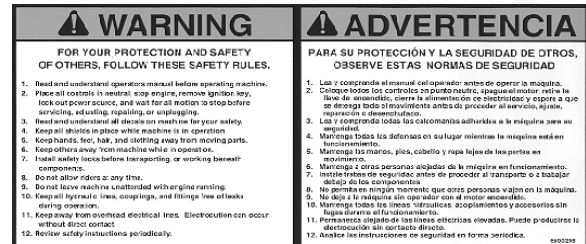


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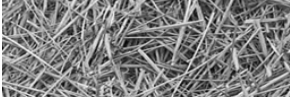



WARNING: FOR YOUR PROTECTION AND PROTECTION OF OTHERS, PRACTICE THE FOLLOWING SAFETY RULES.

1. BEFORE OPERATING THIS MACHINE, READ THE OPERATOR'S MANUALS SUPPLIED WITH THIS MACHINE AND YOUR TRACTOR.
2. CHECK OPERATORS MANUALS TO BE SURE YOUR TRACTOR MEETS THE MINIMUM REQUIREMENTS FOR THIS MACHINE.
3. READ ALL DECALS PLACED ON THIS MACHINE FOR YOUR SAFETY AND CONVENIENCE.
4. NEVER ALLOW RIDERS ON THIS IMPLEMENT OR THE TRACTOR.
5. KEEP OTHERS AWAY FROM THIS MACHINE WHILE IN OPERATION.
6. KEEP ALL SHIELDS IN PLACE WHILE MACHINE IS OPERATING.
7. KEEP HANDS, FEET, LOOSE CLOTHING, ETC., AWAY FROM POWER DRIVEN PARTS.
8. ALWAYS SHUT OFF MACHINE AND ENGINE BEFORE SERVICING, UNCLOGGING, INSPECTING, OR WORKING NEAR THIS MACHINE FOR ANY REASON. ALWAYS PLACE TRANSMISSION IN PARK OR SET PARK BRAKE AND WAIT FOR ALL MOVEMENT TO STOP BEFORE APPROACHING THIS MACHINE.



6500041






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

 WARNING		 ADVERTENCIA
No Riders Serious personal injury could result from riding on the machine.		Pasajeros Prohibidos Podrian resultar lesiones personales graves al viajar en la maquina.

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6500043




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

**DANGER**



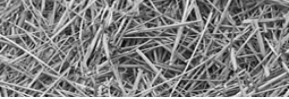
**Rotating Driveline
Keep Away!**
Entanglement can cause serious injuries or death.

Do Not Operate Without -

- * All driveline guards, tractor and equipment shields in place.
- * Drivelines securely attached at both ends.
- * Drivelines guards that turn freely on driveline.

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1.4 Safety review

BEFORE OPERATING

- Read and follow all instructions contained in:
 - a. This 3106 ROCK-EZE operator's manual
 - b. Tractor operator's manual
 - c. Decals placed on the 3106 ROCK-EZE



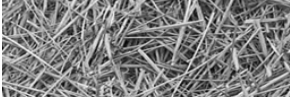
NOTE: Additional copies of the above mentioned materials can be obtained from your dealer.

- Allow only responsible, properly instructed individuals to operate your machine. Carefully supervise inexperienced operators.
- Use a tractor which meets the tractor requirements contained within this manual. **See REQUIRED FOR OPERATION: page 36.**
- Make sure the machine is in good operating condition and that all protective shields are in place and in proper working order. Replace damaged shields before operating.
- Make no modifications to this equipment unless specifically requested or recommended by DuraTech Industries.
- Tighten or replace any loose or cracked bolts, chains, hoses or connections.
- Check overhead for electrical power lines or other obstructions and be certain there is adequate clearance before raising hopper.

DURING OPERATION

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

- Never leave the tractor controls unattended while the 3106 ROCK-EZE is operating.
- Always make sure the area behind the 3106 ROCK-EZE is clear before raising or lowering the bucket.
- Exercise extreme caution when operating the 3106 ROCK-EZE on steep slopes or grades.
- Be sure all spectators are clear of the area where 3106 ROCK-EZE is in operation.
- Be sure that the tractor operator is the only person riding in the tractor. Allow no one to ride the 3106 ROCK-EZE at any time.
- Never work around or under the hopper when the hopper is lifted unless the safety stops are installed on both lift cylinders.
- Watch out for and avoid any object that might interfere with the proper operation on the machine.
- Keep hands, feet and clothing away from power driven parts.



WHEN PERFORMING SERVICE & MAINTENANCE



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

- Before working on or near 3106 ROCK-EZE for any reason, including servicing, inspecting or unclogging machine: follow shutdown procedure, section 3.2
- If any service work is to be done on the 3106 ROCK-EZE while in the raised position, be sure to install cylinder stop on cylinders or use a safety chain between movable frame and main frame to prevent dropping in case of hydraulic failure.
- Relieve all pressure in the hydraulic system before disconnecting the lines or performing other work on the system (bucket must be down). Make sure all connections are tight and the hoses and lines are in good condition before applying pressure to the systems.



CAUTION: 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.

- When replacing any part on your 3106 ROCK-EZE, be sure to use only DuraTech Industries authorized parts.

1.5 Towing/road transport

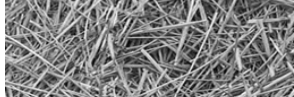
- Use good judgment and drive slowly over rough or uneven terrain.
- Be sure tractor brakes are properly adjusted and foot pedals are locked together.
- The towing vehicle must be of equal or of greater weight than the 3106 ROCK-EZE and any load in hopper to assure adequate braking and steering control.
- Check your state laws regarding the use of lights, slow moving vehicle signs, safety chain and other possible requirements.



WARNING: FAILURE TO COMPLY WITH ANY OF THE PRECEDING SAFETY INSTRUCTIONS OR THOSE THAT FOLLOW WITHIN THIS MANUAL MAY RESULT IN SEVERE INJURY OR DEATH.



IMPORTANT: THIS ROCK-EZE IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT'S INTENDED, AS EXPLAINED IN THE OPERATOR'S MANUAL, ADVERTISING MATERIALS, AND OTHER PERTINENT WRITTEN MATERIAL PREPARED BY DURATECH INDUSTRIES.



Section 2: Dealer preparation

2.1 ASSEMBLY

3106 Rock-eze are shipped with the Windrower assembly removed. Mainframe and rock wheel frame are secured by bolts and clamps. Two transport pins have been provided in upright rock wheel frame guides. Lock pins may be used to keep wheel in raised position for extended periods of time, or in case of hydraulic failure when transporting long distances. Be sure to remove any pins from transport position to prevent damage to machine while testing hydraulic controls.

STEP 1.

Begin assembly with 3106 Rock-eze on firm, level ground. All assembly and adjustments must be done with a drawbar height of 16 inches (plus or minus 1 inch) from ground level to top of drawbar. **Hook 3106 Rock-eze to the tractor's towbar.**

- Remove windrower and windrower carrier arm from shipping brackets, and discard brackets.
- Remove wheel assemblies and parts container from inside of rock box.

STEP 2.

Remove shipping brackets from between mainframe and rock wheel frame, and discard.

- Attach hoses to proper hydraulic outlets on tractor. (See **illustrations 3.1 and 3.2 on pages 24 and 25**). Raise the rock wheel frame and place the rock wheel frame transport pins in the storage position (Item #68 on the **Mainframe Assembly - Detail A in the parts reference section**). Lower rock wheel frame.
- Raise the mainframe and bolt the 11Lx16 wheel assembly in place using (4) 5/8" x 2" bolts, lock washers and nuts.
- Cycle the rock wheel hydraulic cylinder to charge the hoses.
- For easy assembly of the windrower, lower rock wheel to the floor.

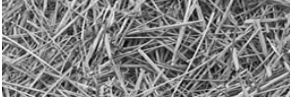
STEP 3.

The rock box has a safety stand that is stored upside down behind the rock box on the mainframe (Item #56 on the **Mainframe Assembly - Detail A in the parts reference section**). Before working with the rock box in the raised position, remove the rock box safety stand. Reinstall it in its upright position with the foot pad near the floor.



NOTE: Safety stand should remain on the 3106 Rock-eze in the upright position until you have finished assembling the machine. Return to storage before using the machine.

- Cycle the rock box hydraulic cylinder to charge the hoses.
- For easy assembly of the windrower, raise the rock box to full height and place safety stops (item #53 on the **Mainframe Assembly - Detail A in the parts reference section**), on both rock box hydraulic cylinder rods.



STEP 4.

Assemble Windrower, bearing, cotter pin, etc. as shown in **illustration 1 on page 14**.

- Push bearing shield, lock collar, bearing and washers out against cotter pin and lock in place.
- Slide end of windrower with bearing attached under machine, and towards the rock wheel.
- Disconnect hose **(A)** as shown in **illustration 1**, at zerk fitting. Tighten elbows **(B)**, as shown in illustration 2. Connect hose to elbow.
- Slide Windrower and bearing assembly into carrier bracket **(D)**. Mount to bracket by using (2) 1/2x2" bolts, flat washer, and lock nuts. Reconnect hose **(A)** to zerk fitting.
- Bolt bearing shield **(E)** in place using (2) 3/8x1" bolt, flat washers, and nylon lock nuts.

ADJUSTMENTS

- Linkage **(H)** adjusts the working height at the inner end of the windrower. The 3106 Rock-eze was not designed to dig rocks; in most cases windrower should be allowed to skim approximately 1" of loose topsoil.
- To adjust the clearance between rock wheel and carrier bracket plate **(G)**, turn nuts **(F)** in or out as necessary - the rock wheel must turn without contacting plate.

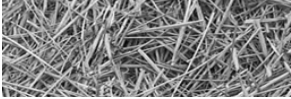


illustration 1

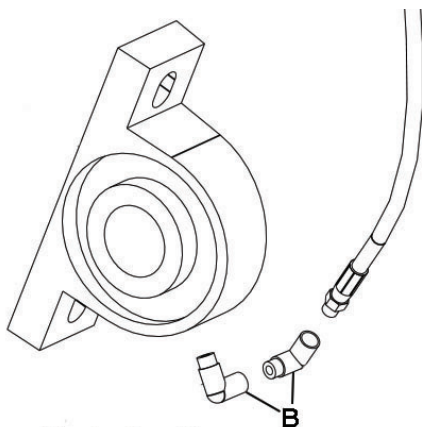
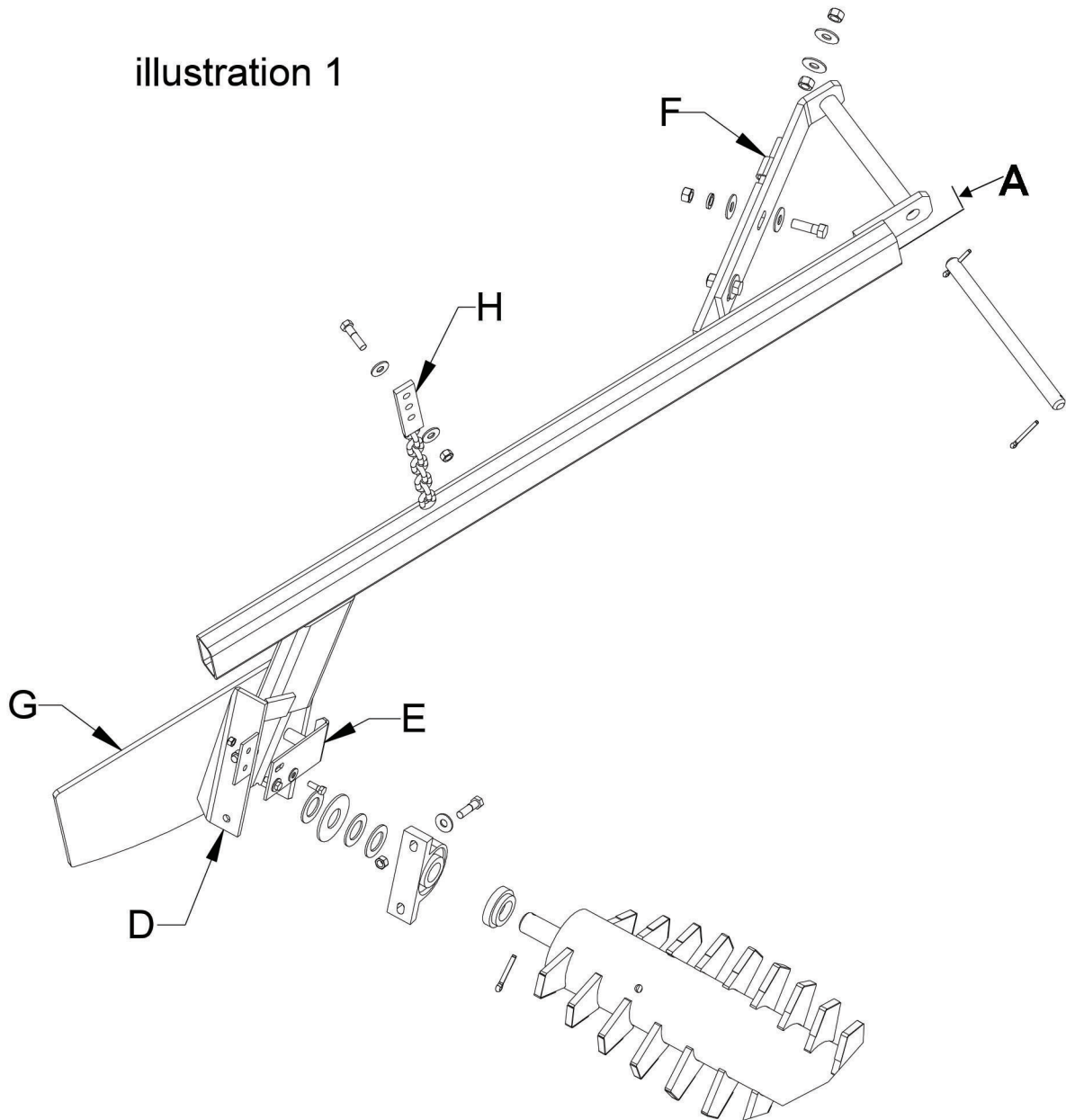
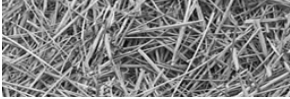


illustration 2

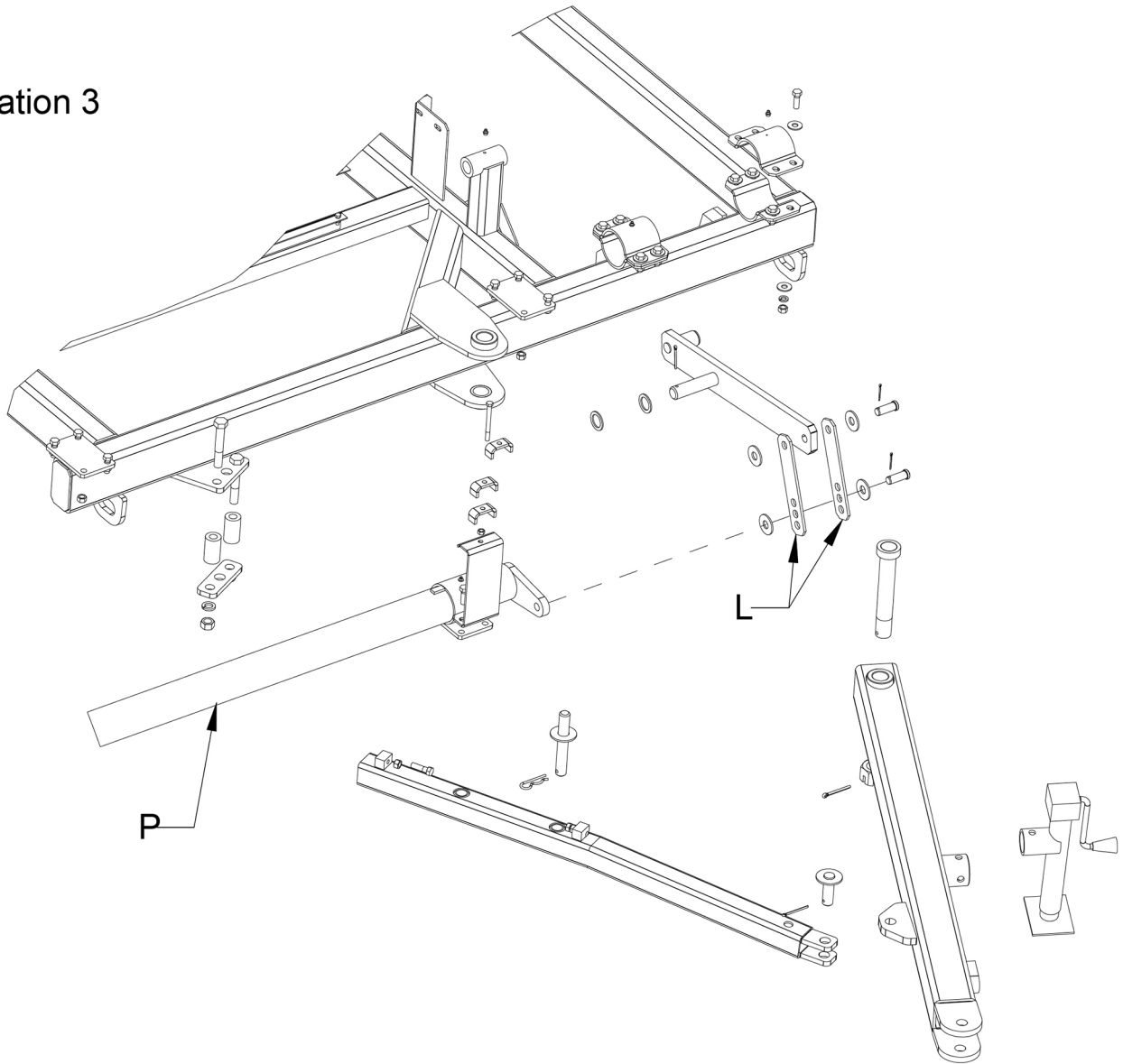
**See also the
Windrower
Assembly - Undriven
end in the parts
reference section**



STEP 5.

Remove 3/4" pin and washer from linkage straps (**L**), connect to hanger tube using center hole as shown in **illustration 3**. Assemble castor wheel, machine bushings, and cotter pin as shown in **illustration 4**.

illustration 3



**See also the
Mainframe
Assembly - Detail D
in the parts
reference section**

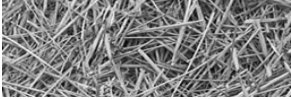
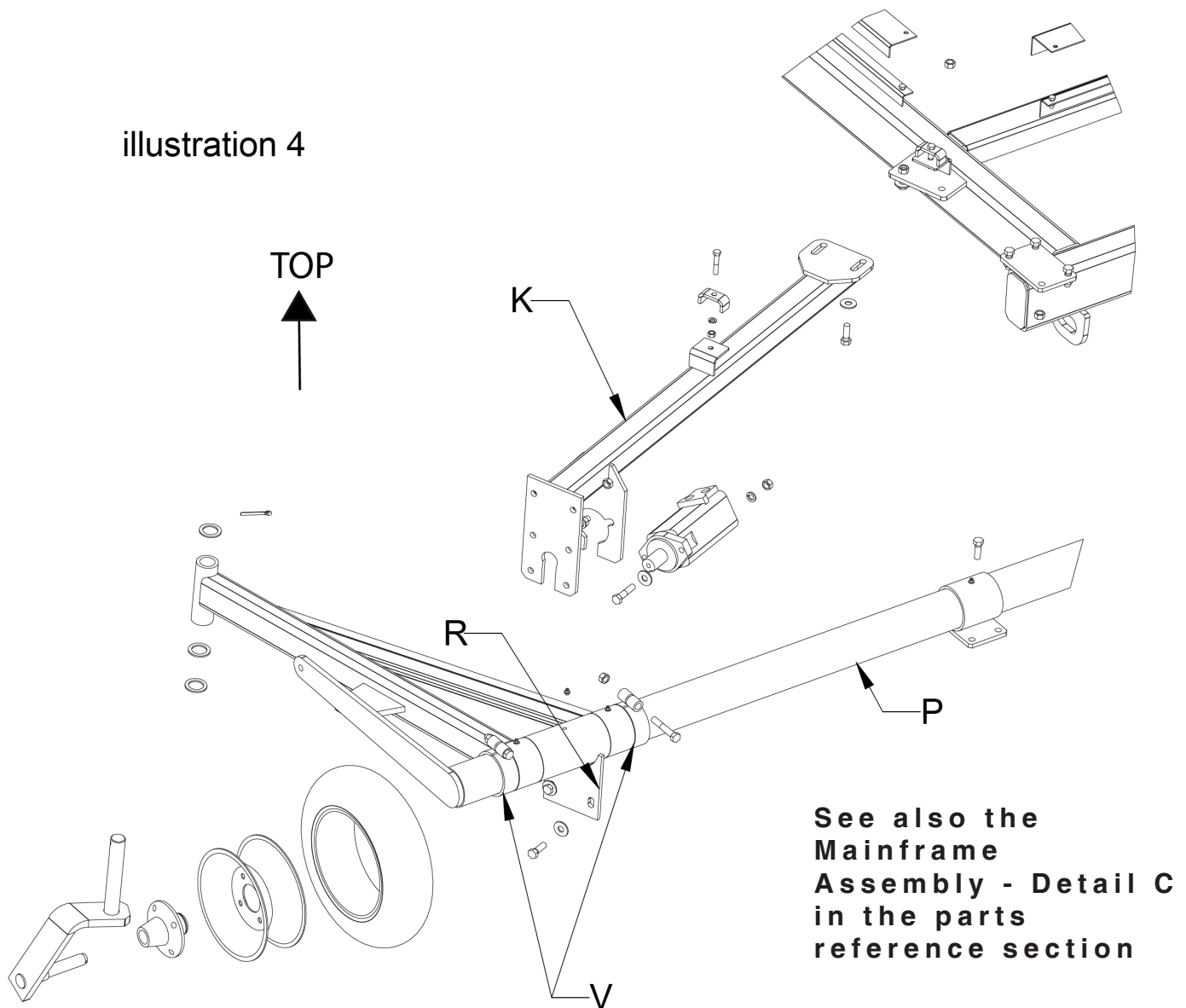


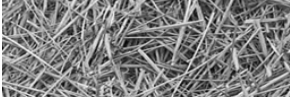
illustration 4



STEP 6.

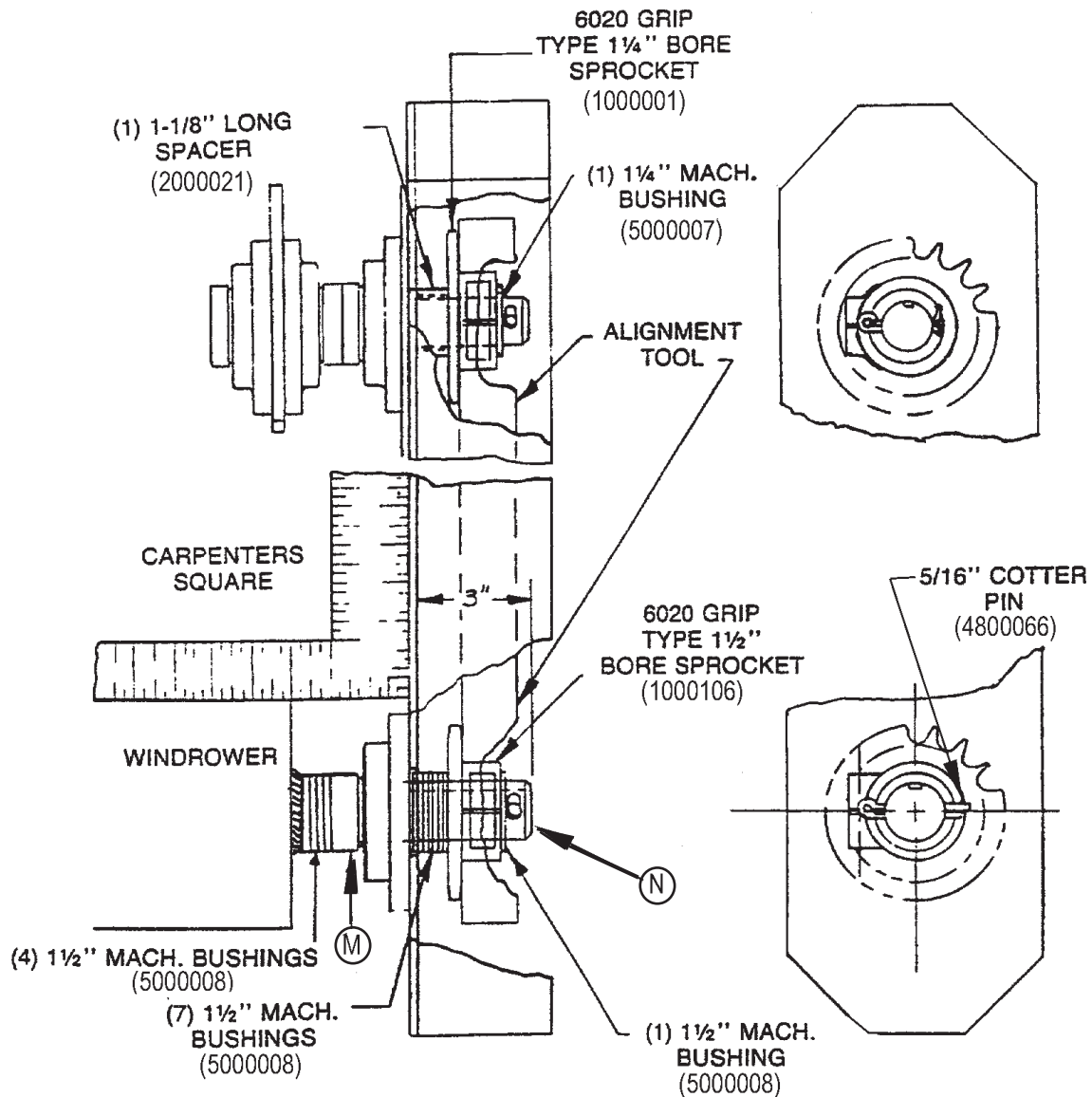
Remove chain case cover.

- Slide (4) 1-1/2" bushings and bearing lock collar (**M**) over windrower shaft (**N**) as shown in **illustration 5**.
- Slide 1-1/2" bearing (pre-assembled on case) over windrower shaft, leaving 3" of shaft extending through case, as shown in **illustration 5, 6**.
- Secure bearing to lock collar and tighten Allen screw.
- Remove motor/shaft assembly from shipping position.
- Slide 1-1/4" bearing lock collar over shaft assembly.



- Slide the shaft assembly through the 1-1/4" bearing on the chain case, leaving 3" of shaft extending through the case, as shown in **illustrations 5 and 6**.
- Secure bearing to shaft with lock collar and tighten allen screws.

illustration 5



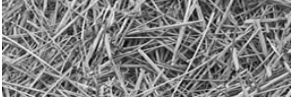
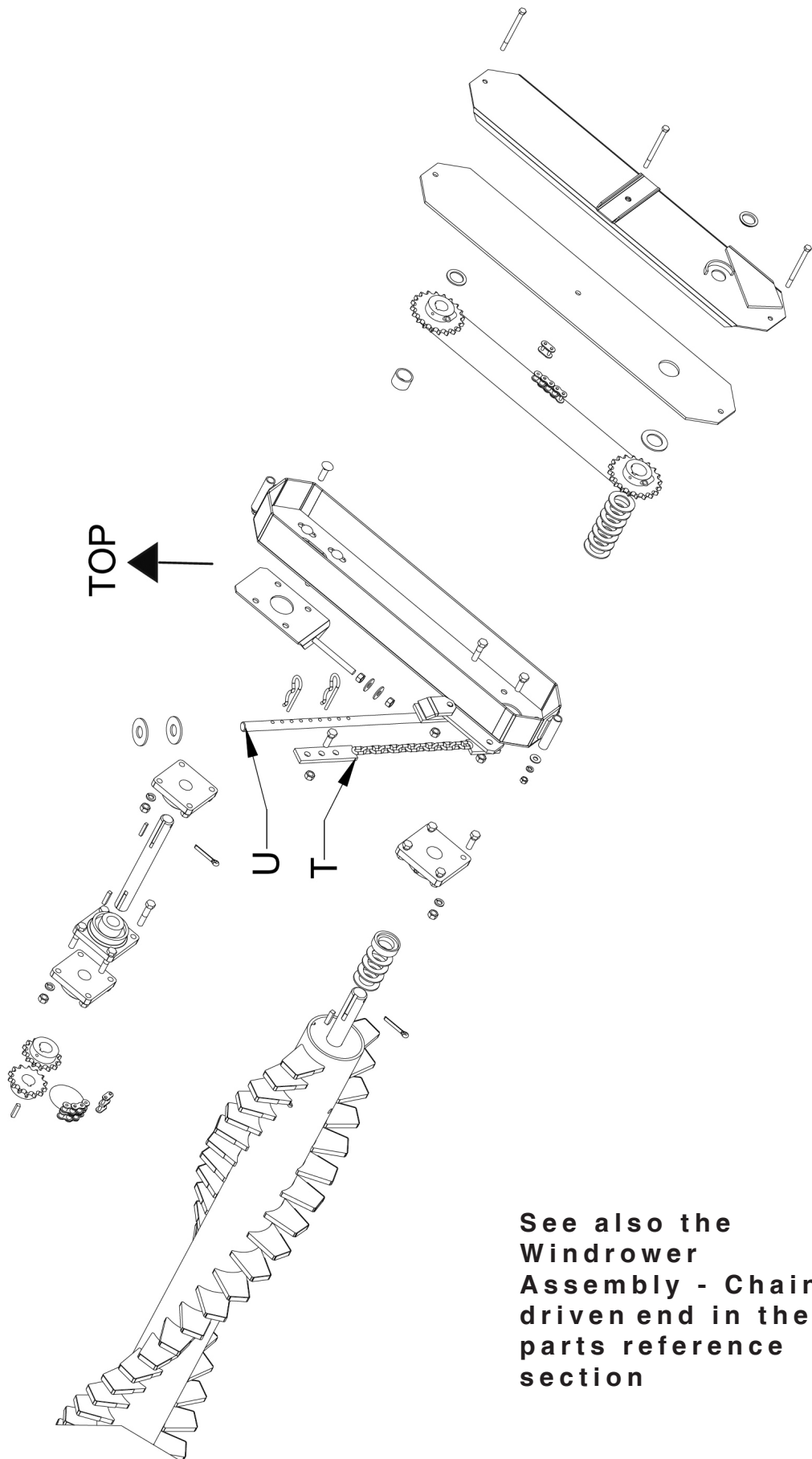
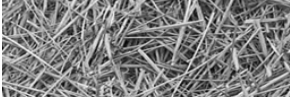


illustration 6





STEP 7.

Mount the motor/shaft assembly (K)-as shown in **illustration 4** to the mainframe and the hanger support (R) using (4) 1/2x1-1/2 bolts, flat washers, lock washers, and nuts- **DO NOT tighten bolts at this time.**

To get proper chain sprocket alignment, the windrower must be in working position, and windrower and drive chain case must be at 90 degrees to each other. This can be done by placing one edge of a carpenters square parallel to the chain case, and the other edge parallel to the windrower as shown in **illustration 5.**

The proper angle can be obtained by sliding hanger (R) in or out on the hanger tube (P). Once proper alignment has been obtained, slide two pipe clamps (V) as shown in **illustration 4**, against caster wheel hinge support and tighten bolts.

STEP 8.

Mount 20 tooth 1-1/2" sprocket, 3/8" square key, 1-1/2" machine bushings, and cotter pin as shown in **illustration 5.**

Tighten (2) allen screws in sprocket hub, locking sprocket to shaft and locking square key in key slot. Mount the 1-1/8" long spacer, 20 tooth 1-1/4" sprocket, 1-1/4" machine bushings and cotter pin as shown in **illustration 6.** Check sprocket alignment by placing aligning tool (found in the chain case) along one edge of each sprocket as illustrated.

Tighten all bolts in hanger and support brackets.

STEP 9.

Loosen (4) nuts holding flange bearing and adjuster to chain case. Install chain. Adjust to proper tension (chain should not sag between sprockets). Tighten bearing and adjuster nuts, install chain case cover, being careful not to over tighten the center bolt, causing the cover to bend- **illustration 6.**

Remove the plastic oil fill plug and fill with 90 weight oil to 1" below the bottom of the fill hole. Reinstall fill plug. The drive chain tension can also be examined through the oil fill hole.

STEP 10.

Attach chain linkage (T) and adjusting rod (U) as shown in **illustration 6.** Do not over tighten bolts at the hinge points-leave enough slack for them to swivel when windrower is raised and lowered.

The multiple holes on the upper end of the chain linkage allow the windrower to be kept at the desired height when in the raised position

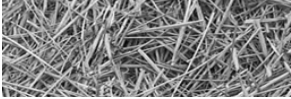
STEP 11.

Place 1/4 " hair pin in bottom hole of adjusting rod (U) as shown in **illustration 6**, under loop in caster wheel bracket. This carries wheel assembly when windrower is in the raised position.

Top hair pin is placed in hole to give the desired windrower height while in operation.



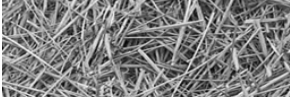
IMPORTANT: Insert hair pins in direction shown on facing page, to avoid lift arm contact.



STEP 11.

See Tail Light Assembly in the parts reference section





2.2 ADJUSTMENTS

Preliminary adjustments are made in the factory and during set up. Some adjusting may be necessary in field.

Machine was designed for a drawbar height of 16”.

Depth of Windrower inner end nearest rock wheel is adjustable in 1” increments as shown at (H) on Page 14. of assembly instructions. Outer end is adjusted by changing upper hair pin in rod (U) Page 16, attached to chain drive case. Lower hair pin is designed to carry gauge wheel during transport.

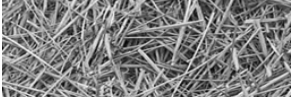
Chain adjustment on outer end of Windrower is provided to level Windrower in raised position (T) Page 18.

Adjustments on Windrower support (Y bracket) at front of main frame are described in step 4, Page 12, and shown at (F) on Page 14, of assembly instructions.

There are three (3) adjustments on rock plate:

1. One at rear of rock wheel which allows minimum clearance between rear of rock plate and ring on rock wheel.
2. One at front of rock box to allow clearance between front of rock plate and octagon hub of rock wheel.
3. One near lower portion of rock plate to relieve pressure against carrier bracket plate shown at (G) on Page 14, on assembly instructions.

The clearance of the kicker rotor stripper rubber is important. Bolt holes in rubber are slotted so it may be adjusted up or down where it bolts to the rock box. Rubber should be within 1/8” of the square bars on rotor. Rubber may be turned top side down when a new edge is required.



Section 3: Operation

To insure long life and economical operation, we highly recommend the operator of the 3106 ROCK-EZE be thoroughly instructed in the maintenance and operation of the machine.

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

Prior to starting the engine of the tractor, we recommend the operator make a visual inspection of the unit. This can be done as the lubrication is being carried out. Any items that are worn, broken, missing or needing adjustment must be serviced accordingly before operating the 3106 ROCK-EZE.

3.1 Pre-operation inspection



WARNING: Before inspecting the machine, use the normal shutdown procedure in section in section 3.2 of this manual.

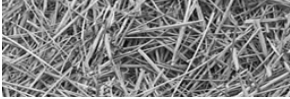
Check the following:

- ☐ Hydraulic components for leaks or damage.



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

- ☐ Lug Nuts for tightness.
- ☐ Condition of tire rims.
- ☐ Tires for proper air pressure.
- ☐ Installation and condition of flails.
- ☐ Chains for proper tension, and condition.
- ☐ Installation of slow moving vehicle (SMV) sign if required.
- ☐ Condition of decals.
- ☐ Installation and condition of shields.
- ☐ Belts for proper tension, and condition.



3.2 Normal shutdown procedure



WARNING: For your safety and the safety of others, you must use the following normal shutdown procedure before leaving the tractor controls unattended for any reason, including servicing, cleaning, or inspecting the 3106 ROCK-EZE. A variation of the following procedure may be used if so instructed within this manual or your tractor manual or if an extreme emergency requires it.

To shutdown the machine, perform the following steps:

1. Lower machine to ground level or lock in raised position.
2. Place transmission in park or set park brake.
3. Relieve all pressure in the hydraulic system.
4. Shut off engine and remove key.
5. Wait for all movement to stop.

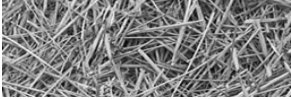
3.3 3106 ROCK-EZE hydraulic system

3.3.1 Using the 3106 ROCK-EZE with a tractor that has triple hydraulic outlets

To operate machine with triple outlets, Hoses A and B regulate rock wheel and windrower height. Hoses C and D are used when dumping the rock box. Try to use them only when you're ready to dump the box. Hoses E and F are hooked up to the windrower rotor and kicker rotor motors. Set the tractor controls so windrower rotor will kick the rocks ahead of the machine. See Illustration on the next page for more information.

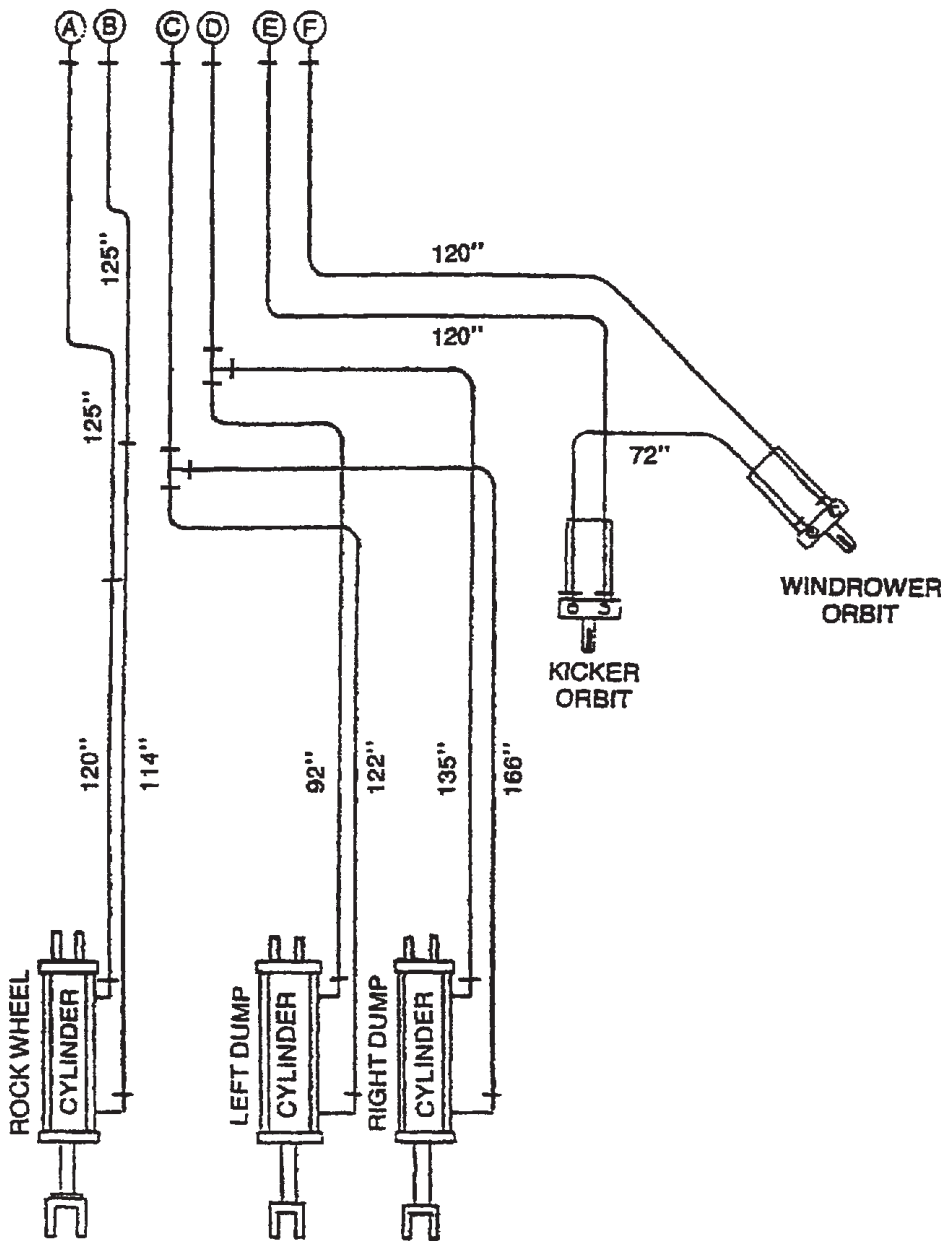
3.3.2 Hose Torquing Procedure

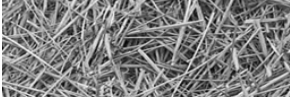
1. Visually inspect the two components that are being assembled for nicks, dirt, rust, or other foreign particles. Do not use any components that are questionable.
2. Lightly oil the components on all connecting surfaces, assemble the components, and finger tighten the fittings.
3. When tightening JIC fittings, tighten 1 flat (approx. 60°) or 40 ft*lbs. after the connection is finger tight. Always use a backup wrench on the stem hex nut of the fitting to keep the hose assembly from twisting during the torquing process.
4. When torquing O-ring fittings, tighten 1-1/2 flats (approx. 90°) or 38 ft*lbs. after the connection is finger tight.



**HI-LIFT HYDRAULIC SYSTEM USING TRIPLE OUTLETS
FROM TRACTOR (STANDARD EQUIPMENT)**

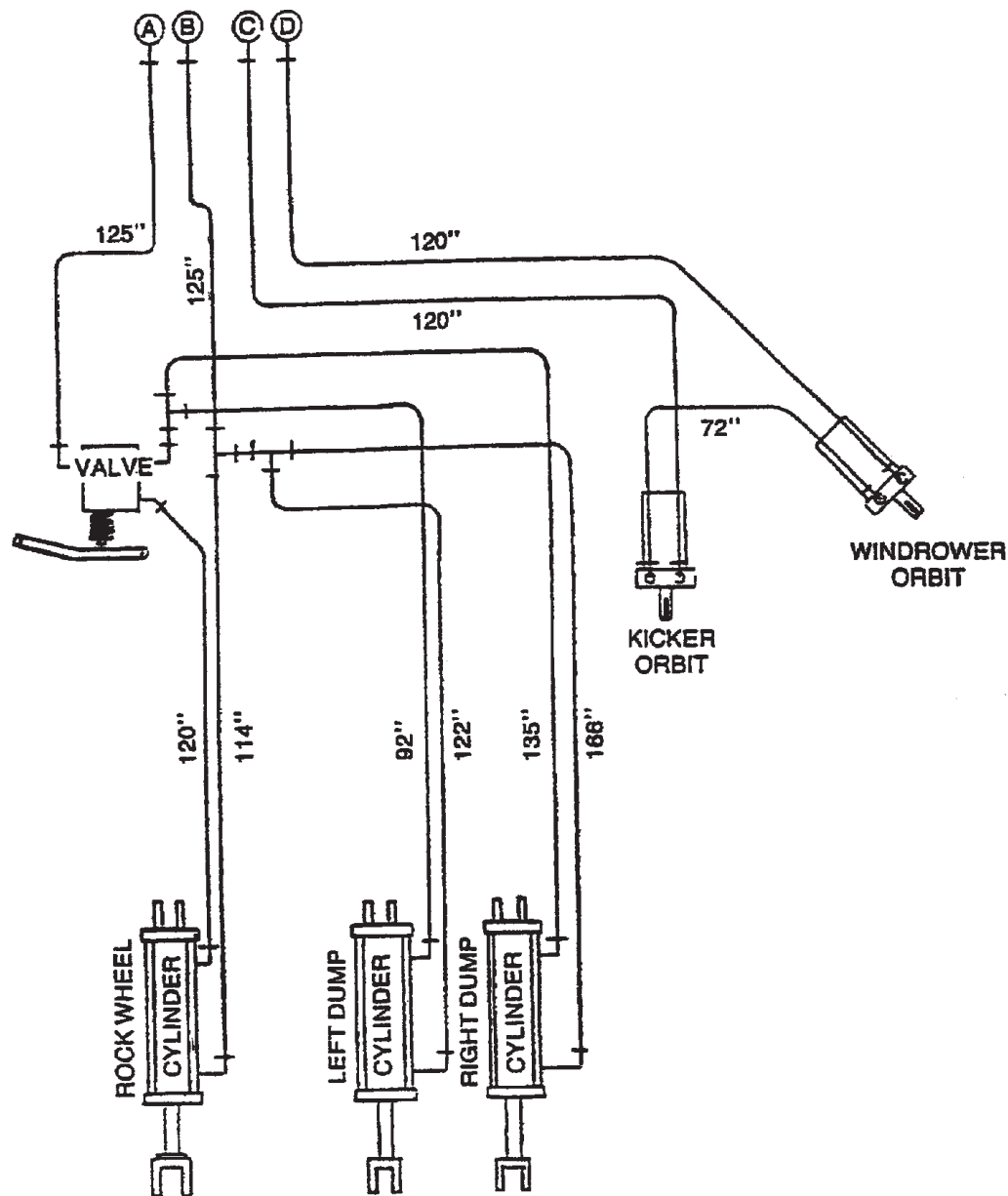
illustration 3.1

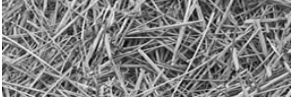




HI-LIFT HYDRAULIC SYSTEM USING DUAL OUTLETS FROM TRACTOR (OPTIONAL EQUIPMENT)

illustration 3.2





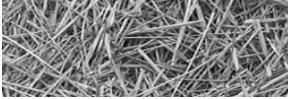
3.4 Operating Tips

- After machine is completely assembled as per assembly instructions, machine should be hooked to tractor drawbar. Jack should be raised and rotated to horizontal position.
- When lowering Windrower and rock wheel, hold control until cylinder has completely contracted. This will allow wheel to float over uneven terrain.
- When in operation, it is possible for a rock to lodge between rock wheel and rock plate. If this occurs, it can usually be corrected by putting tractor in reverse and backing machine up a few feet.
- Over filling the rock box may cause the following problems:
 1. Rocks may lodge in kicker rotor. This may be corrected by reversing hydraulic control on the tractor causing rotor to reverse and free the rock.
 2. Rocks falling out near the kicker roller when unloading. The rocks may lodge between the rock wheel frame and main frame causing binding problems.



Note: The rock box is full when the rocks are level with the bottom of the screen material in the front of the rock box. The illustration on page 3 shows the position at which the rock box is filled to approximately 1 cubic yard.

- Excessive ground speed does not allow Windrower rotor to gather stones in heavy rock areas. Also, rock box will fill toward front if rock wheel rotates too fast.
- Rotors should not be allowed to run in raised position when transporting machine long distances, such as to and from rock piles. This will prolong machine life and also hydraulic system.
- Most moving parts should be greased daily with the exception of the two Windrower rotor bearings which run in dirt constantly. These should be greased several times per day to prolong bearing life. Outer bearing has zerk on top of housing, Inner bearing is greased through tube extending to zerk on front of mainframe. Chain drive case should be checked periodically.



3.5 Storage

3.5.1 Preparing the machine for storage:



WARNING: When preparing machine for storage, use normal shutdown procedure (Section 3.2)

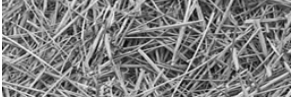
To prepare the 3106 ROCK-EZE for storage, perform the following steps:

1. Clean all mud, dirt, grease and other foreign material from the exterior of the machine. Wash the complete machine. If washing the 3106 ROCK-EZE with a high-pressure washer, keep the nozzle away from the sealed bearings. Repaint places where bare metal is exposed - this will inhibit rusting.
2. Place the jackstand in the down and in locked position. Block the rear axle up taking the weight off the tires, but do not deflate tires. If possible, store the machine in a dry, protected place. If it is necessary to store the machine outside, cover it with waterproof canvas, plastic, or other suitable protective material.
3. Coat exposed hydraulic cylinder rod with grease. Oil chains. Lubricate thoroughly according to lubrication instructions. Repack wheel bearings.
4. Check the machine for any worn or broken parts.
5. By ordering parts now, you will avoid delays when it is time to remove the machine from storage. When ordering parts always specify machine serial number and the part number of the replacement part. Part numbers can be found in the parts section of this manual.

3.5.2 Removing the machine from storage

To remove the 3106 ROCK-EZE from storage, perform the following steps:

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



Section 4: General maintenance



NOTE: Before performing any service or maintenance on your 3106 ROCK-EZE, review the safety guidelines for performing service and maintenance in section 1.3 “Safety review” under the heading “WHEN PERFORMING SERVICE AND MAINTENANCE”.

4.1 Lubrication

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

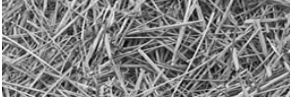
Most moving parts should be greased daily with the exception of the two Windrower rotor bearings which run in dirt constantly. These should be greased several times per day to prolong bearing life. Outer bearing has zerk on top of housing, Inner bearing is greased through tube extending to zerk on front of mainframe. Chain drive case should be checked periodically



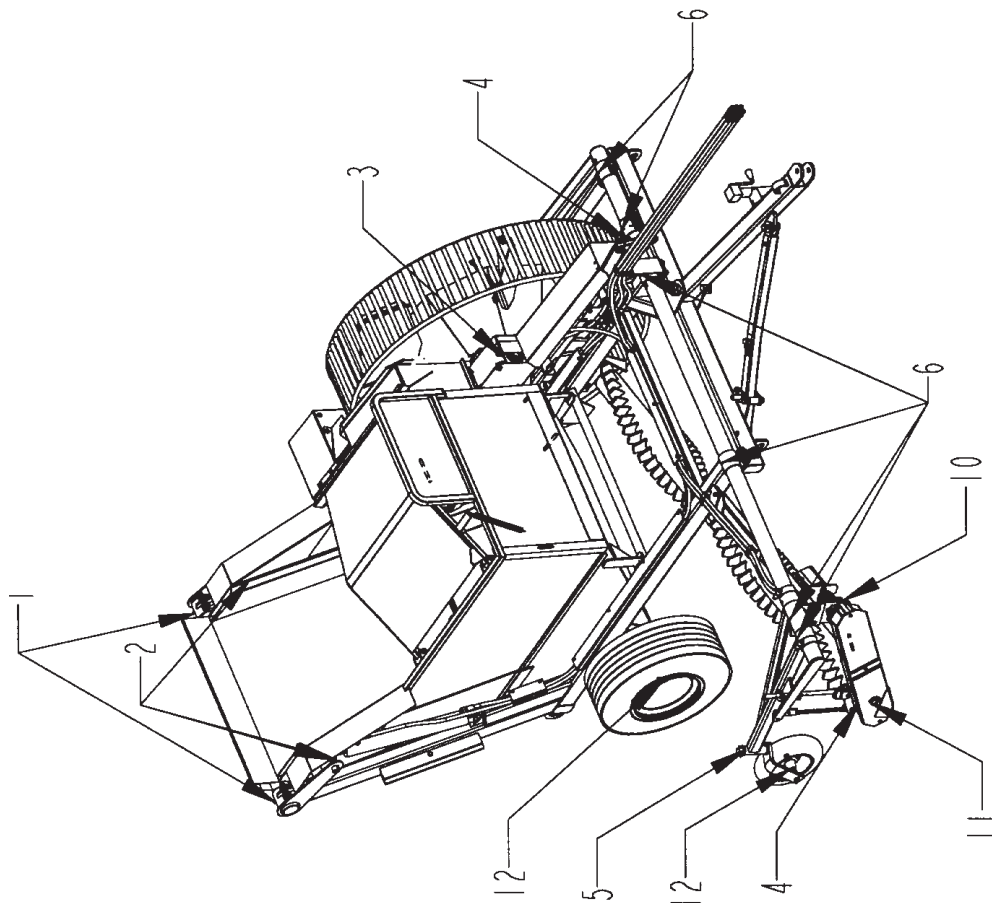
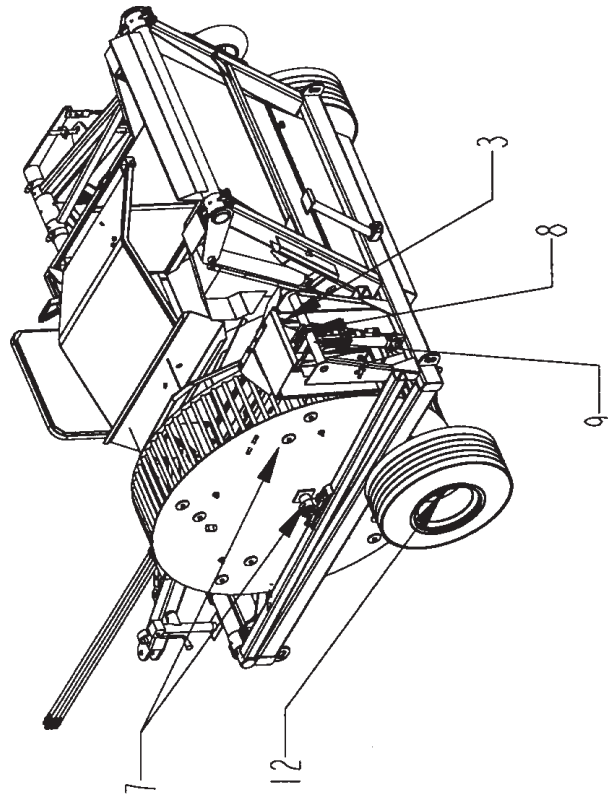
WARNING: Use normal shutdown procedure (Section 3.2) before lubricating machine.

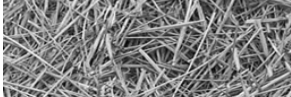
Use only a high quality, multi-purpose grease when lubricating the unit. Make sure all fittings and the nozzle of the grease applicator are clean before applying the grease. If any grease fittings are missing, replace them immediately.

Remove the plastic oil fill plug and fill with 90 weight oil to 1” below the bottom of the fill hole. Reinstall fill plug. The drive chain tension can also be examined through the oil fill hole.



LUBRICATION POINTS OF 3106 ROCK-EZE

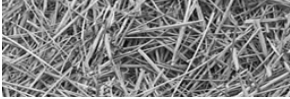




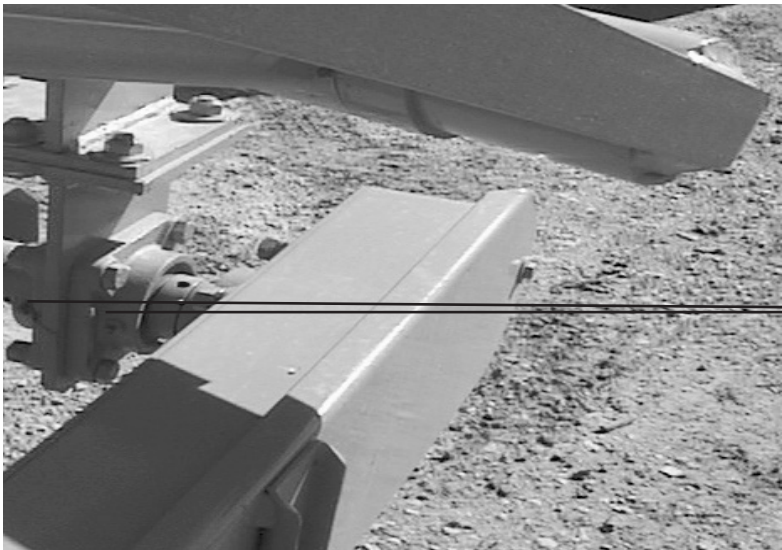
LUBRICATION POINTS OF 3106 ROCK-EZE

ITEM	LOCATION	QTY.	TYPE LUBE	HOW OFTEN
1	ROCKBOX PIVOT PADS	2	GREASE	8 HRS.
2	ROCKBOX UPPER CYLINDER PINS	2	GREASE	8 HRS.
3	KICKER ROLLER BEARINGS (Raising the rockbox provides easier access.)	2	GREASE	8 HRS.
4	WINDROWER BEARINGS (remote line is provided for inner bearing)	2	GREASE	2 HRS.
5	CASTER WHEEL PIVOT	1	GREASE	8 HRS.
6	WINDROWER AND ROCKWHEEL LIFT	7	GREASE	8 HRS.
7	ROCKWHEEL BEARINGS (raising the rockbox provides easier access)	2	GREASE	8 HRS.
8	ROCKWHEEL LIFT	1	GREASE	8 HRS.
9	ROCKWHEEL LIFT UPPER CYLINDER PIN	1	GREASE	8 HRS.
10	WINDROWER DRIVE BEARINGS	2	GREASE	8 HRS.
11	WINDROWER DRIVE CHAIN CASE	1	90 WEIGHT OIL	CHECK WEEKLY (CHANGE OIL BI-ANNUALLY)
12	WHEEL BEARINGS	3	WHEEL BEARING GREASE	REPACK ANNUALLY

**BE SURE TO INSTALL ROCKBOX CYLINDER STOPS WHEN WORKING
ON MACHINE WITH ROCKBOX RAISED. MACHINE MUST BE HITCHED
TO TRACTOR OR SAFETY STAND INSTALLED ON FIRM LEVEL GROUND.**

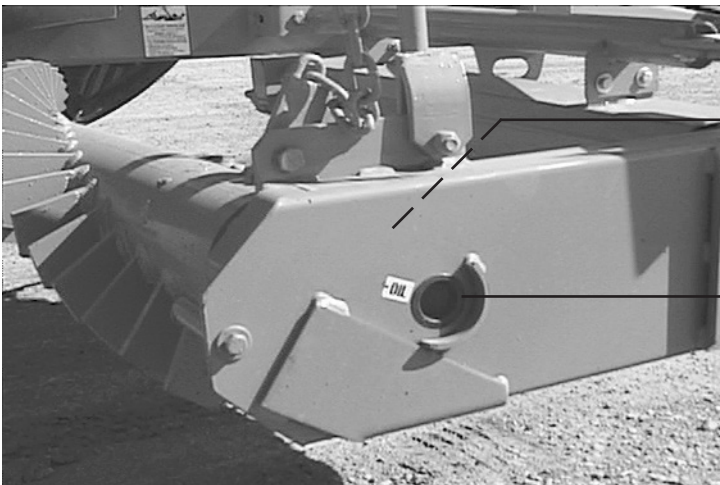


Windrower drive shaft zerks



windrower drive shaft
lubrication zerks

Chain case oil cap and out-
er windrower rotor lubrica-
tion zerk



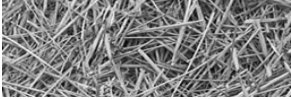
outer windrower rotor
lubrication zerk

chain case oil cap

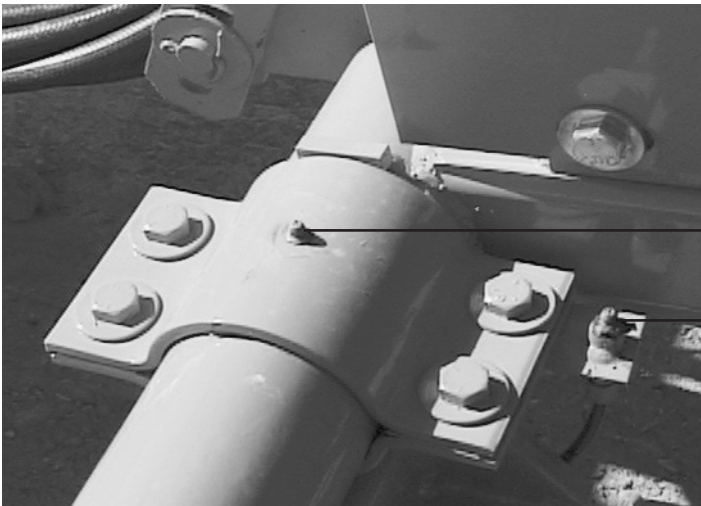
Rock wheel bearing lubrica-
tion zerk 1 of 2



lubrication zerk



Rock wheel frame pivot and inner windrower rotor lubrication zerks



rock wheel frame pivot zerk
1 of 2

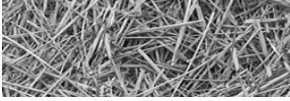
inner windrower rotor lubrication zerk - lubricate several times daily

Lubrication zerks for the kicker rotor



kicker rotor zerks (2), 2nd zerk is located near rear bearing

lubrication zerk

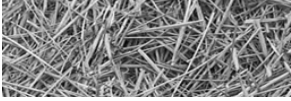


4.2 Axle, wheels, tires

Repack wheel bearings annually.

4.3 General appearance

Clean all mud, dirt, grease and other foreign material from the exterior of the machine. Cut all twine off from around the rotor and beater. Wash the entire machine. If washing the 3106 ROCK-EZE with a high pressure washer, keep the nozzle away from the sealed bearings. Repaint places where bare metal is exposed.



Appendix A: Warranty

DuraTech Industries International Inc. Warrants to the original purchaser for one year from purchase date that this product will be free from defects in material and workmanship when used as intended and under normal maintenance and operating conditions. This warranty is limited to the replacement of any defective part or parts returned to our factory in Jamestown ND, within thirty (30) days of failure.

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

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

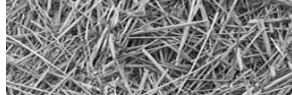
This warranty does not apply to tires or bearings or any other trade accessories not manufactured by DuraTech Industries International Inc. Buyer must rely solely on the existing warranty, if any, of these respective manufacturers.

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

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

This warranty is void if DuraTech Industries International Inc. does not receive a valid warranty registration card at its office in Jamestown, ND, within 10 days from date of original purchase.

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



Appendix B: General Specifications

WEIGHT

Total	4,600 lbs.
Tongue (<i>in field mode, windrower and rock wheel up</i>)	460 lbs.

SHIPPING DIMENSIONS (*with Rock Windrower removed*)

Truck Freight Width (<i>with left-side tire, wheel, hub and spindle removed</i>)	7' 10"
Tow Width	9'
Length	15' 5"
Height	7' 7"

TRANSPORT & FIELD DIMENSIONS

Width	13'
Length	15' 5"
Height	7' 7"
Dumping Height	7"
Overhead Clearance Required to Dump	14' 4"

CHASSIS FEATURES

Towing Arrangement	Clevis Type Hitch
Tires	2 (two) 11L x 16
Wheels	10 x 16 - 8 Bolt, Drop Center
Bearings	Tapered Roller

ROCK PICKER MECHANISM

Windrower

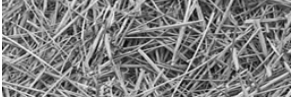
Length	10'
Finger Length	3"
Outside Diameter	11"
Drive	Hydraulic Motor via. #60 Chain Drop Case
Lift	1 (one) 2" x 8" Double Acting Hydraulic Cylinder
.....	that is shared with Rock Wheel Lift

ROCK WHEEL

Outside Diameter	6'
Width	14-3/4"
Bar Spacing	1-7/8"
Number of Rock Paddles	5, Spring Cushioned
Drive	Ground Driven
Lift	1 (one) 2" x 8" Double Acting Hydraulic Cylinder
.....	that is shared with Rock Wheel Lift

HOPPER

Dimensions	44" x 60"
Capacity	1 (one) cu. yd of rocks
Dump Height	84"
Lift	2 (two) 3" x 24" Double Acting Hydraulic Cylinders



GENERAL SPECIFICATIONS CONTINUED

ROCK KICKER

Type	Rotating, Fluted Roller
Fluted Roller Dimensions	6-7/8" x 39"
Fluted Roller Drive	Hydraulic Motor

OPTIONAL EQUIPMENT

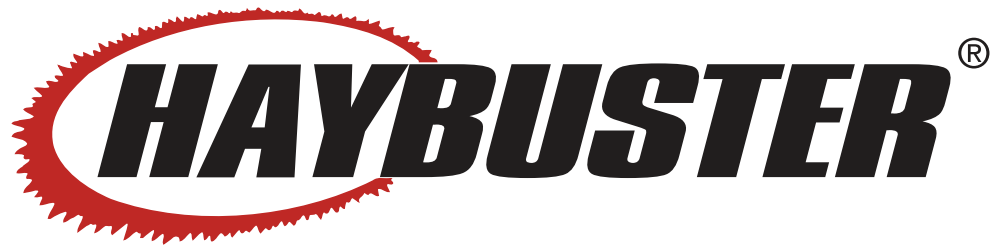
- **DRAG PLATE** - prevents rocks from being kicked into previously picked swath.
- **HOPPER DUMP VALVE KIT** - for use with tractors that have only 2 (two) hydraulic remote valve outlets, pull rope activated.

Appendix C: Required for operation

TRACTOR

Minimum PTO Horsepower Required	80
Minimum Hydraulic Output.....	12 G.P.M. X 1500 P.S.I.
Hydraulic Remote Controls	3 (three) double acting valves with quick coupler outlets*

* - The ROCK-EZE comes standard with hoses to accommodate triple outlets from the tractor. Optional kits are available for tractor with double outlets.





3106™ ROCK-EZE™

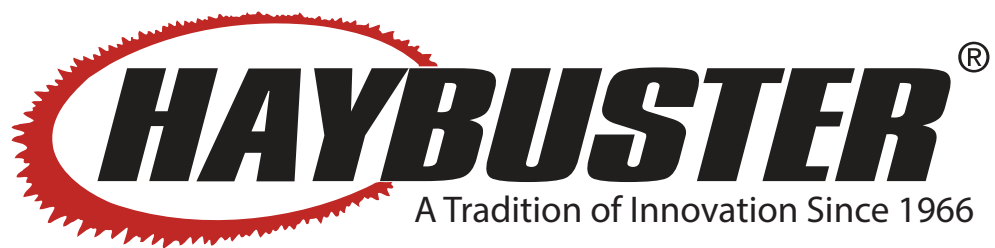
Serial Number AJ330106 & UP

Parts Reference

DuraTech Industries International Inc. (DuraTech Industries) has made every effort to assure that this manual completely and accurately describes the operation and maintenance of the 3106 ROCK-EZE™ 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.

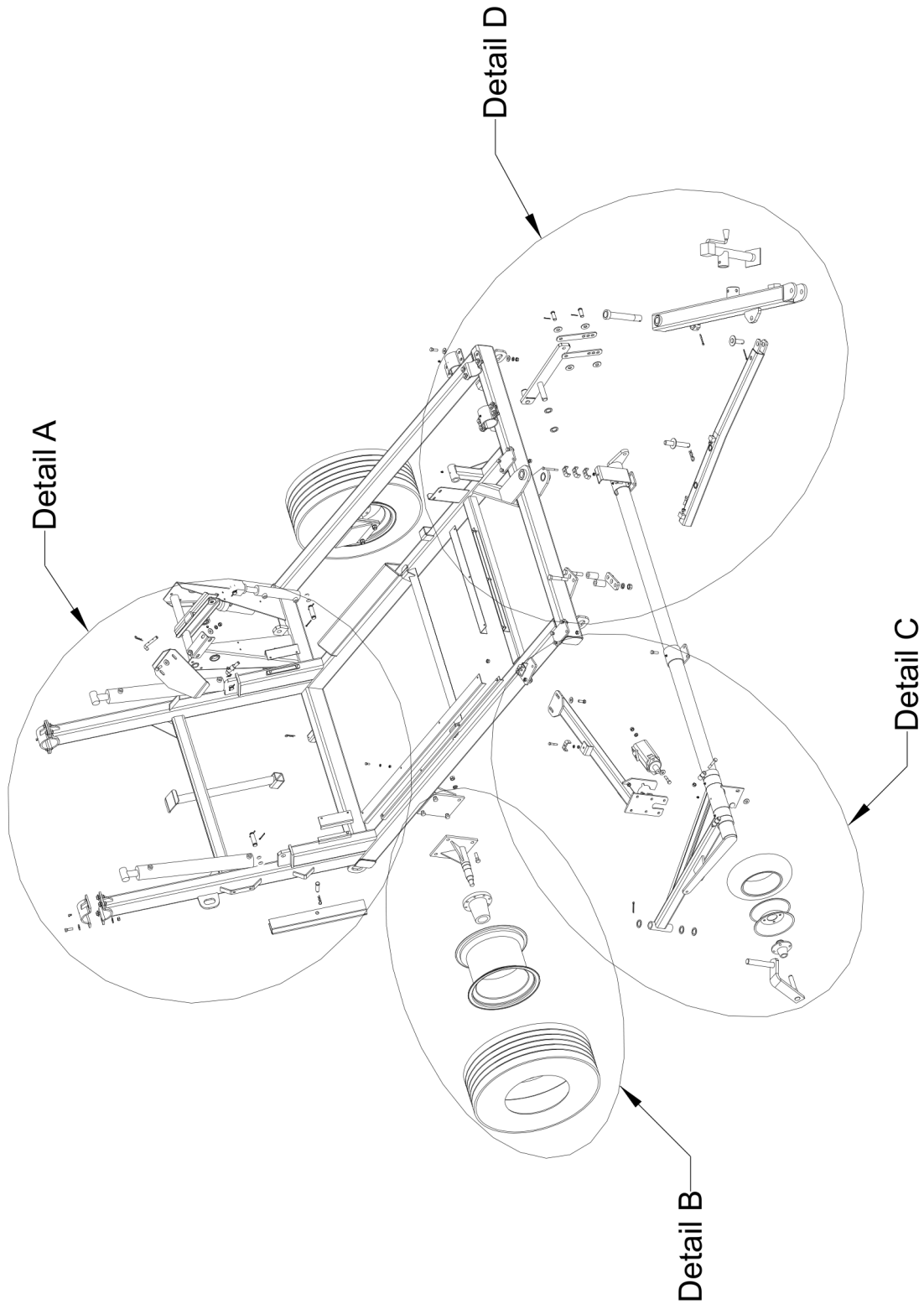
This manual, as well as materials provided by component suppliers to DuraTech Industries are all considered to be part of the information package. Every operator is required to read and understand these manuals, and they should be located within easy access for periodic review.

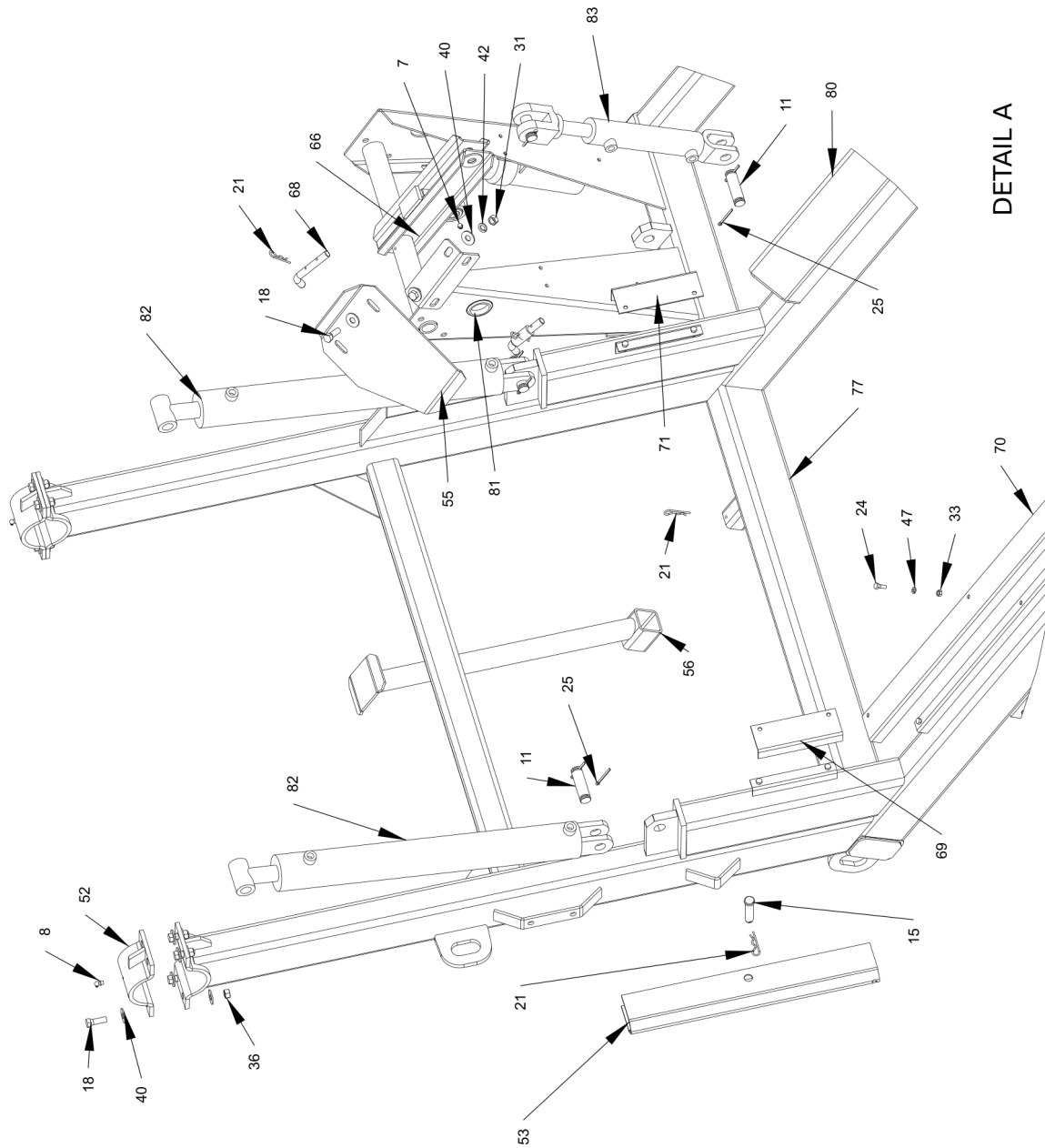
 &  are registered trademarks of DuraTech Industries International, Inc. 3106 and ROCK-EZE are trademarks of DuraTech Industries International, Inc.

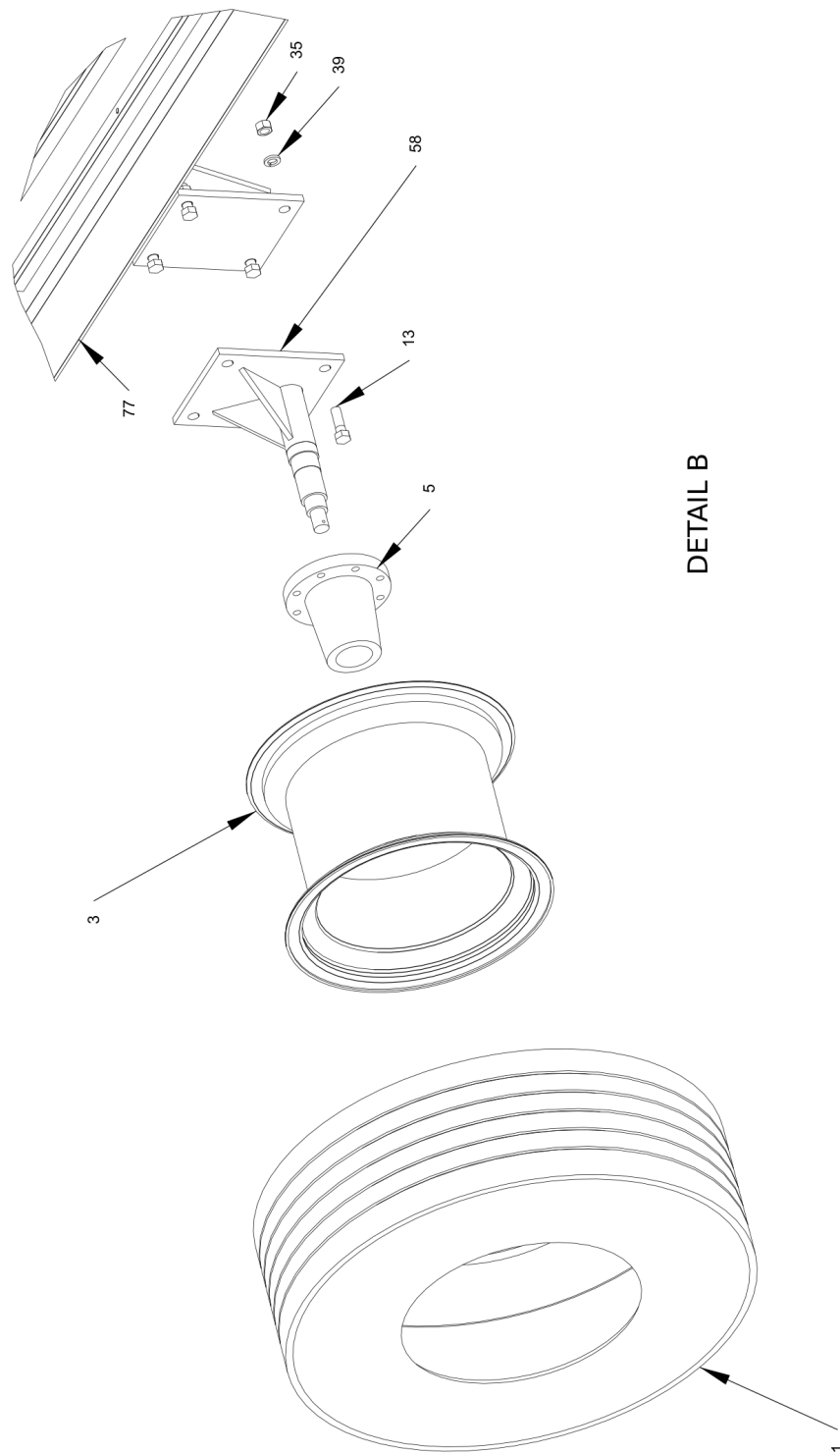


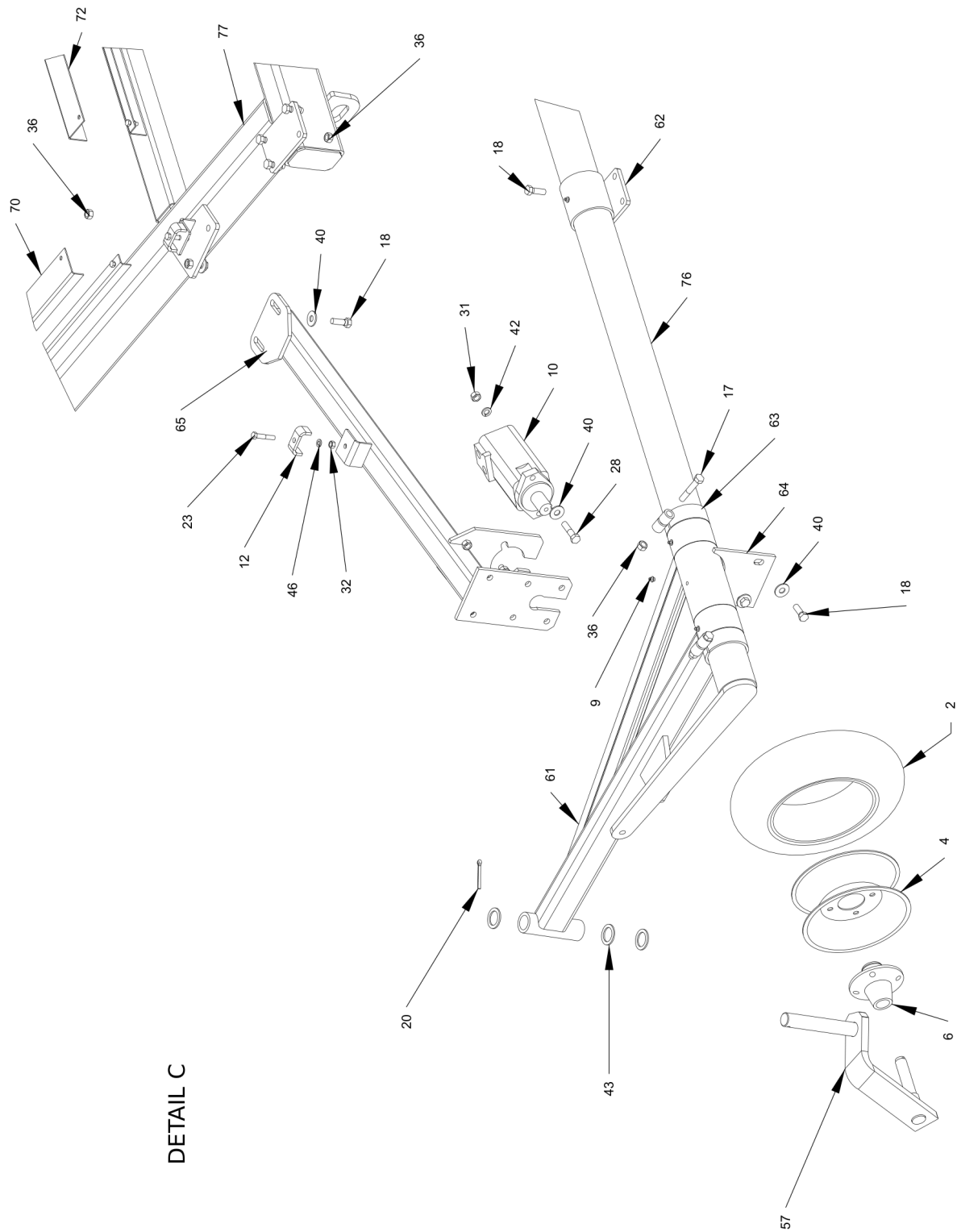
3106 Rock-EZE Parts Reference

3106 Mainframe Assembly (SN AJ330106 and Up)	1
3106 Wheels And Hubs	11
3106 Rock Box Assembly (SN AJ330106 and up)	13
3106 Lift/Rock Wheel Assembly (SN AJ330106 and up)	15
3106 Windrower Assembly (SN AJ330106 and Up)	25
3106 Manual Canister	31
3106 Hydraulic Assembly - Hydraulic Cylinders to Tractor	33
3106 Hydraulic Assembly - Orbit Motors to Tractor	35
3106 Grease Line Assembly	37
3106 Hopper Dump Valve (Option)	39
3106 Optional Drag Plate Assembly	41
3106 Tail Light Assembly	43
3106 Decals	45
5701264 - 3106 Taillight Wiring Harness	47

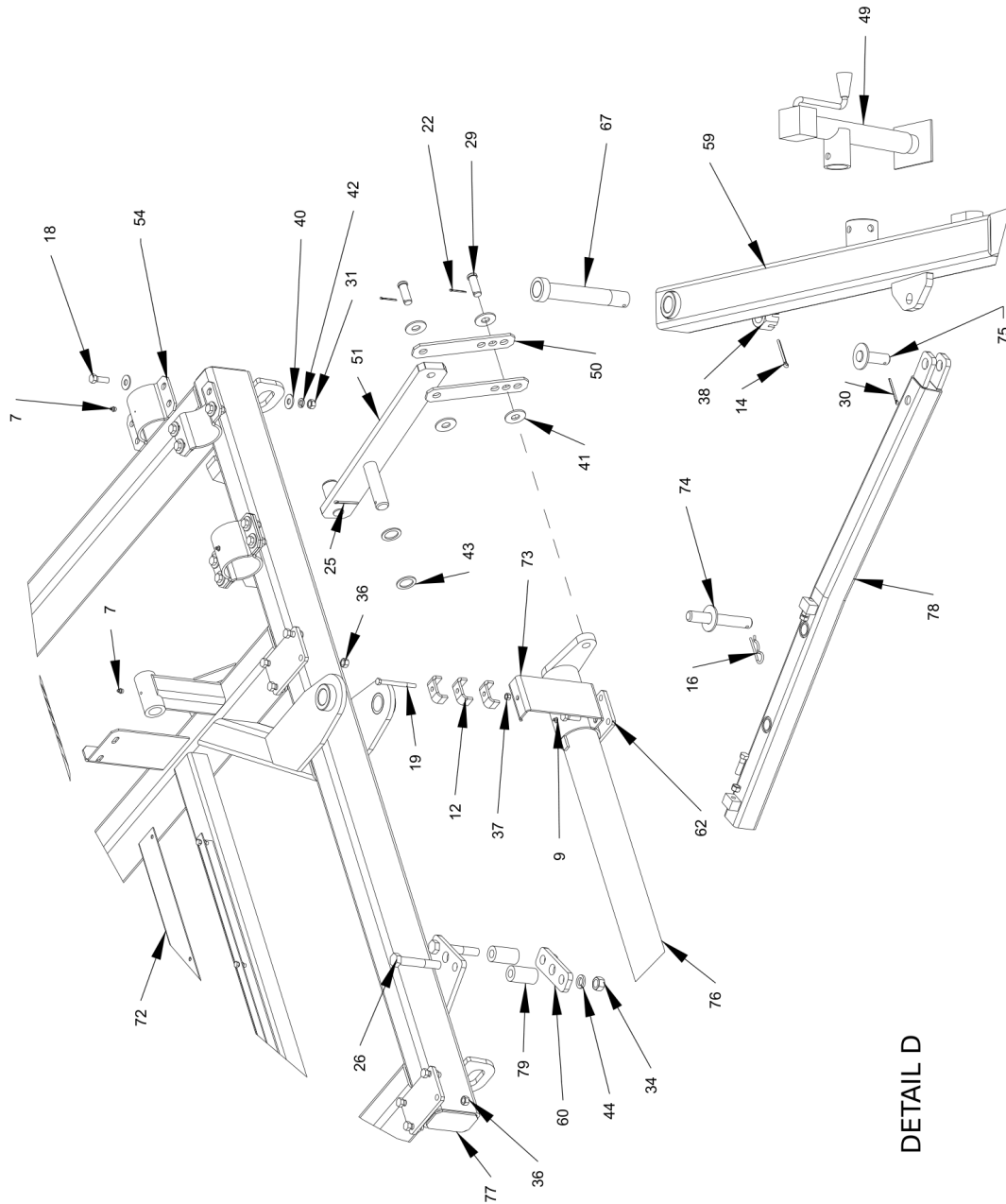








DETAIL C



3106 Mainframe Assembly (SN AJ330106 and Up)

Item	Part No.	Name	Remarks	Qty	Uom
1	2600006	TIRE\11LX16X8\PLY		2	EA
2	2600007	TIRE\4.80X8		1	EA
3	2600607	WHL\8-BOLT\16X10		2	EA
4	2600609	WHL\4-BOLT\8		1	EA
	2600805	WHL\ASSY\4-BOLT\4X8	(complete-includes #2 and #4)	1	EA
CA	6600023	WHL\GAUGE\ASSY\3106	(complete-includes #2, #4, #6, \$20 & #57)		EA
5	2900026	HUB\WHEEL HUB(811) COMPLETE	(for SN up to 3122500006)	2	EA
5A	2900175	HUB\8-BOLT\STUDS\COMPLETE	(for SN 3123500106 and up)	2	EA.
6	2900143	HUB\WHL\4-BOLT\QDS	SEE WHEELS AND HUBS FOR COMPLETE BREAKDOWN	1	EA
7	3800043	FTG\LUB\1/8MPXZRK\SHORT		4	EA.
8	3800044	FTG\LUB\1/8MPXZRK\90D		2	EA
9	3800094	FTG\LUB\5/16BARBXZRK\ADPT		5	EA
10	3900007	MTR\HYD\14.9\2000\1WAY		1	EA
11	4100030	PIN 1" X 3-1/2" HYD. CYL.		4	EA.
12	4700777	CLMP\HOSE\1/2		5	EA.
13	4800010	BOLT\HEX\5/8X2		8	EA.
14	4800043	PIN\COT\1/4X2-1/2		1	EA
15	4800046	PIN\CLEVIS\3/4X3		2	EA
16	4800056	PIN\HAIR\3/16(#3)		1	EA.
17	4800068	BOLT\HEX\1/2X3		2	EA.
18	4800082	BOLT\HEX\1/2X1-1/2		30	EA.
19	4800089	BOLT\HEX\3/8X4		1	EA
20	4800103	PIN\COT\1/4X2		1	EA
21	4800107	PIN\HAIR\1/8(#9)		5	EA.
22	4800123	PIN\COT\1/8X1-1/2		2	EA
23	4800146	BOLT\HEX\3/8X2		2	EA.
24	4800147	BOLT\HEX\5/16X7/8		11	EA.
25	4800157	PIN\COT\3/16X2		9	EA
26	4800173	BOLT\HEX\3/4X4-5/8		2	EA
27	4800178	BOLT\HEX\1/2X1-3/4		2	EA.
28	4800251	BOLT\HEX\1/2X2-1/4\NC		2	EA.
29	4800527	PIN\CLEVIS\3/4X2		2	EA
30	4800534	PIN\COT\3/16X2-1/2		1	EA
31	4900001	NUT\HEX\1/2\NC		14	EA.
32	4900002	NUT\HEX\3/8\NC		2	EA.
33	4900003	NUT\HEX\5/16\NC		11	EA.
34	4900004	NUT\HEX\3/4\NC		2	EA.

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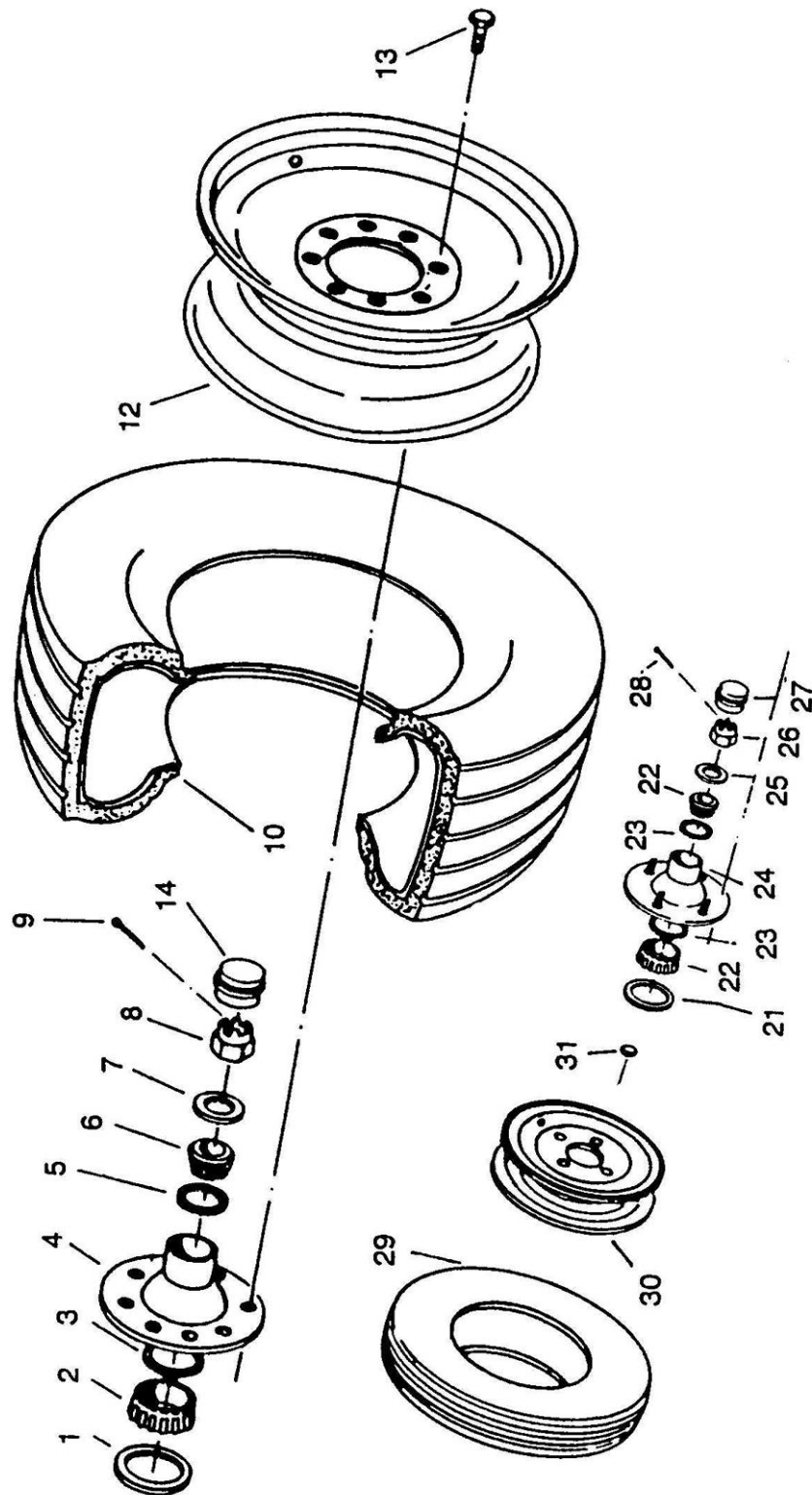
3106 Mainframe Assembly (SN AJ330106 and Up)

Item	Part No.	Name	Remarks	Qty	Uom
35	4900005	NUT\HEX\5/8\NC		8	EA.
36	4900014	NUT\TPLCK\1/2\NC		22	EA.
37	4900030	NUT\NYLCK\3/8\NC		1	EA.
38	4900045	NUT\SLOT\1-1/2\NC		1	EA
39	5000003	WASH\LOCK\5/8		8	EA.
40	5000004	WASH\FLAT\1/2		43	EA.
41	5000005	WASH\FLAT\3/4		4	EA.
42	5000006	WASH\LOCK\1/2		12	EA.
43	5000007	WASH\1-1/4\MACH\BUSH		5	EA.
44	5000012	WASH\LOCK\3/4		2	EA.
45	5000014	WASH\FLAT\1		2	EA.
46	5000019	WASH\LOCK\3/8		2	EA.
47	5000022	WASH\LOCK\5/16		11	EA.
48	5000119	WASH\FLAT\3/4\PLAIN		2	EA
49	5800632	JACK\5000LB\15"SWIVEL-STYLE		1	EA.
50	6600030	LINK\LIFT		2	EA
51	6600072	LIFT\ARM\WNRWR		1	EA
52	6600075	CAP\HNGE\ROCKBOX		2	EA
53	6600083	CLMP\SAFE\BUCKET\3106		2	EA
54	6600103	CAP\PIVOT\FRM\RCKWHEEL		2	EA
55	6600108	SHLD\ROCK\ROCKEZE		1	EA
56	6600109	STD\LIFT\HIGH\3106		1	EA
57	6600126	PIVOT\CASTER\3106		1	EA
58	6600137	SPINDLE\H106		2	EA
59	6600175	HITCH\3106		1	EA
60	6600178	FLAT\HITCH\ADJ		1	EA
61	6600179	BRKT\CASTER\WHL		1	EA
62	6600180	HNGE\SPPT\RAKE		2	EA
63	6600181	BRKT\CLMP\LIFT\RAKE		2	EA
64	6600184	SPPT\OUTER\RAKE\LIFT		1	EA
64A	6600206	SPPT\TUBE\RAKE			EA
65	6600187	SPPT\BRKT\WNRWR		1	EA
66	6600191	LIFT\WHEEL\ARM		1	EA
67	6600192	PIN\HITCH\SWING\3106		1	EA
68	6600194	STOP\WHL\FRM		2	EA
69	6600195	CVR\HOSE\8"2HOSE		1	EA
70	6600196	CVR\HOSE\58"2HOSE		1	EA
71	6600197	CVR\HOSE\8"4HOSE		1	EA.

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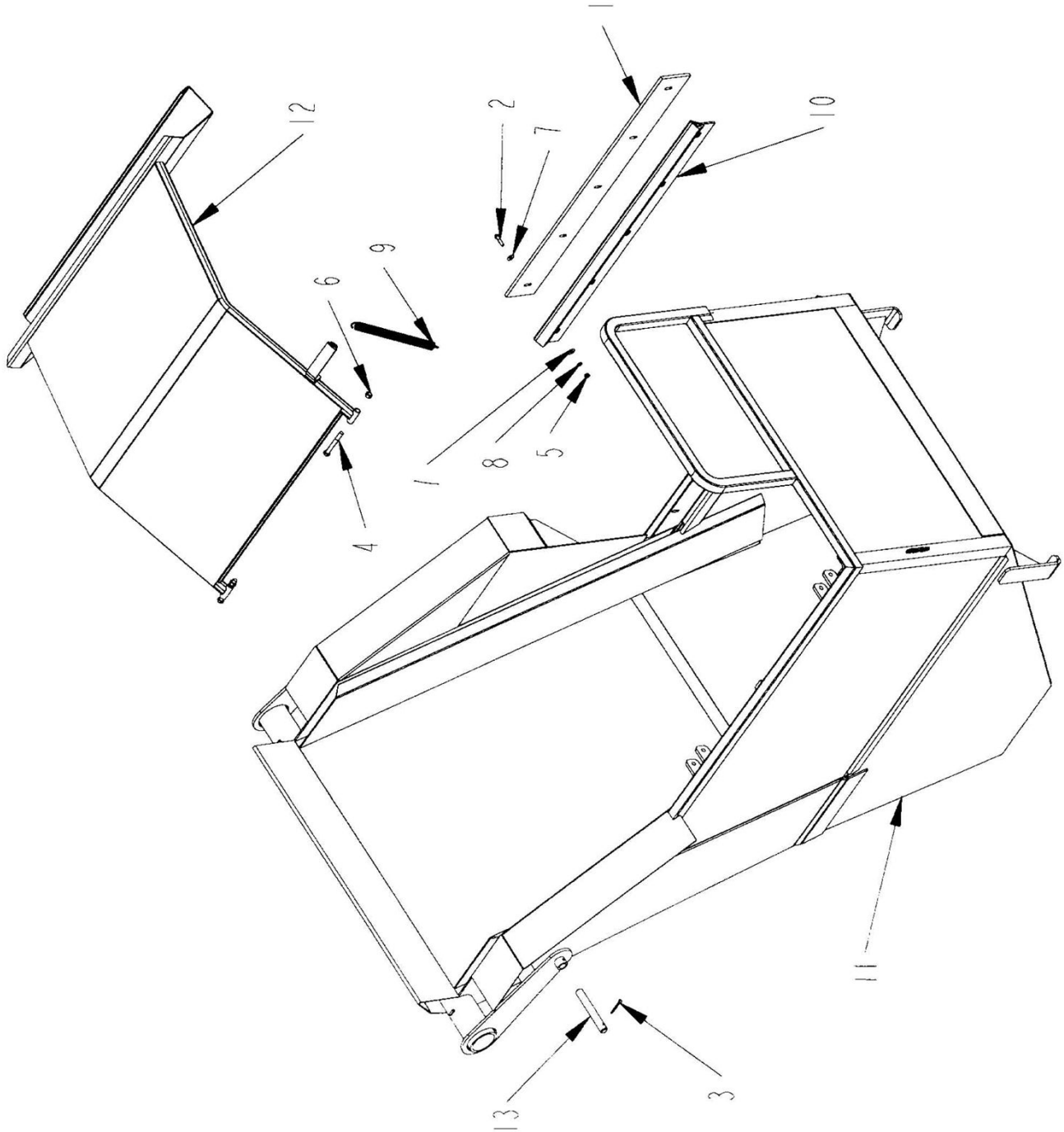
3106 Mainframe Assembly (SN AJ330106 and Up)

Item	Part No.	Name	Remarks	Qty	Uom
72	6600198	CVR\HOSE\30"4HOSE		1	EA
73	6600200	BRKT\HOSE\MNT		1	EA
74	6600201	PIN\HITCH\STOP		1	EA
75	6600202	PIN\HITCH\STOP		1	EA
76	6600206	SPPT\TUBE\RAKE		1	EA
77	6600207	FRM\MAIN\3106		1	EA
78	6600208	HITCH\ADJ\ARM		1	EA
79	6600209	TUBE\HITCH\ADJ		2	EA
80	6600260	DFLCTR\ROCK\FRMMN		1	EA
81	7500360	GRMT\RBBR\2X1.75IDX1/4T	(FOR SN UP TO BJ342506)	1	EA.
81A	7501070	GRMT\RBBR\3-1/8X2-1/2IDX1/2T	(FOR SN CJ342606 AND UP)	1	EA
82	4100225	CYL\HYD\3X24\1-1/2RD-CANADIAN TOOL AND DIE		2	EA
	4100227	KIT\SEAL\CYL\HYD\3X24\1-1/2RD\CTD-for 4100225			EA.
82A	4100211	CYL\HYD\3X24\1-1/2RD-RAM INDUSTRIES			EA
	4100143	CYL\HYD\SEAL;KIT\3X1-1/2			EA.
83	4100226	CYL\HYD\2X8\1-1/4RD\WELDED\#8ORB\INLINE W_PIN\CTD		1	EA.
	4100228	SEAL\KIT\2\1-1/4RD\CTD			EA.
83A	4100210	CYL\HYD\2X8\1-1/4RD\WELDED\#8ORB\INLINE W_PIN\RAM			EA.
	4100093	CYL\HYD\SEAL;KIT\2 X 8			EA.
CA	6600211	FRM\MAIN\ASSY\3106			EA.



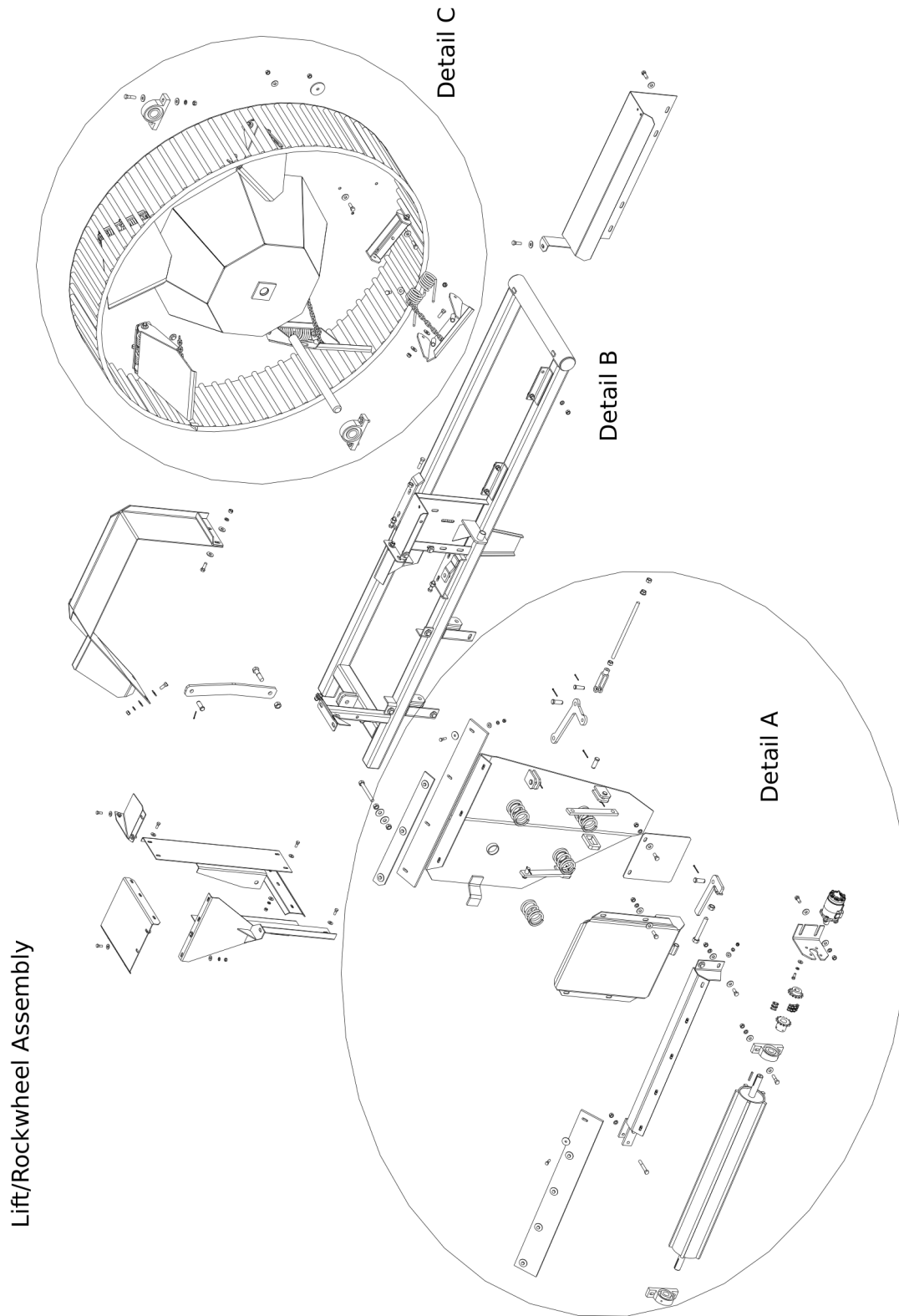
3106 Wheels And Hubs

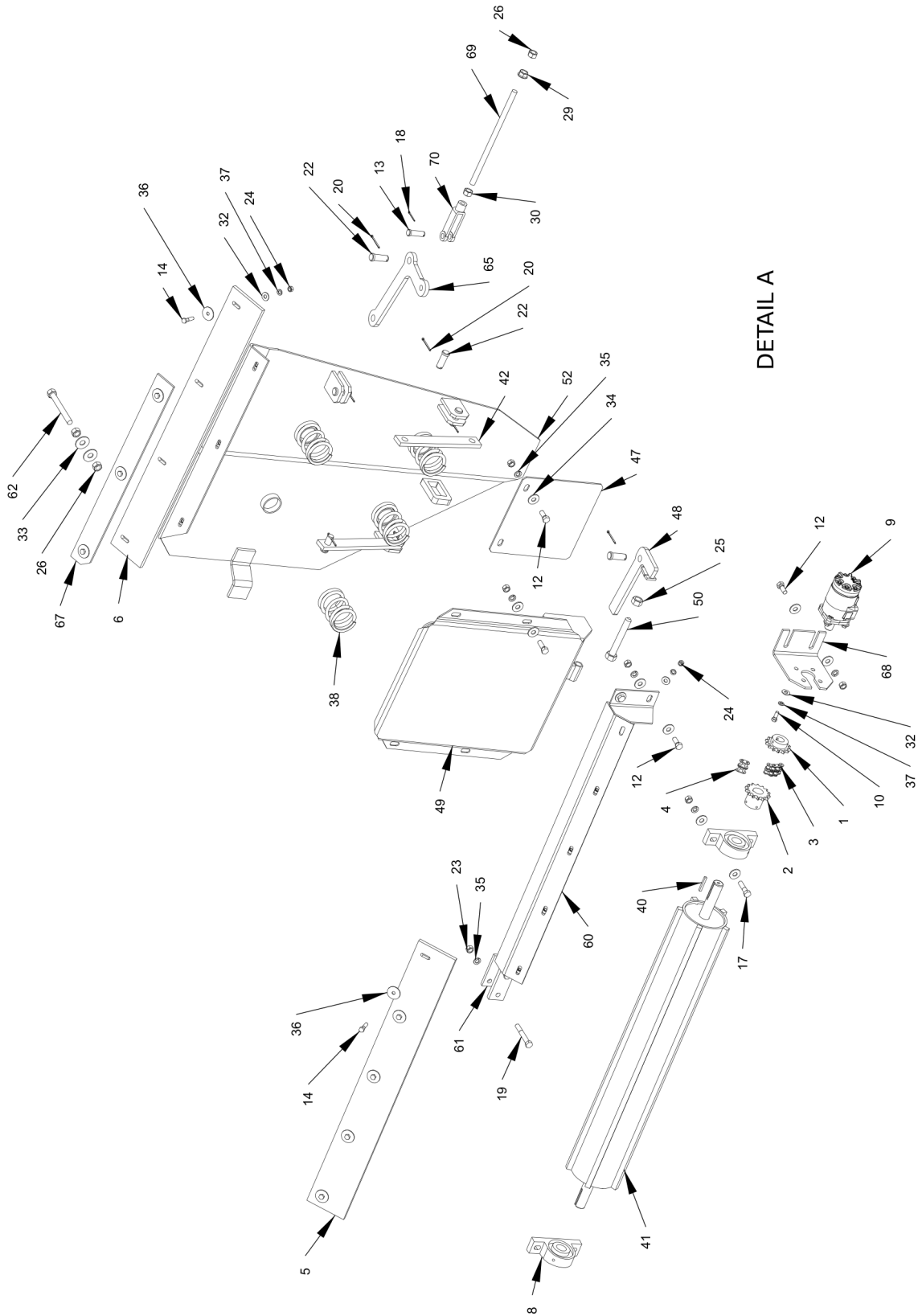
Item	Part No.	Name	Remarks	Qty	Uom
1	2900030	SEAL\WHEEL HUB(20148 *VERIFY* O.D. MUST BE 3-5/8, for O.D. 3-3/8 order 2900169	*VERIFY* O.D. MUST BE 3-5/8, for O.D. 3-3/8 order 2900169	2	EA.
2	2900029	CONE INNER\WHEL HUB\25590		2	EA.
3	2900028	INNER CUP\WHL HUB(4T25520		2	EA
4	2900026	HUB\WHEEL HUB(811) COMPLETE	FOR SN UP TO 3122500006	2	EA
4B	2900175	HUB\8-BOLT\STUDS\COMPLETE	FOR SN 3123500106 & UP	2	EA.
5	2900025	CUP\BRG\OUTER		2	EA
6	2900024	CONE\BRG\OUTER\25877		2	EA.
7	5000056	WASH\SPNDL\1"		2	EA
8	4900054	NUT\CASTLE\7/8\NF		2	EA.
9	2900021	COTTER PIN\WHL HUB		2	EA
10	2600006	TIRE\11LX16X8\PLY		2	EA
12	2600607	WHL\8-BOLT\16X10		2	EA
13	2600608	WHL\BOLT		16	EA
14	2900020	HUB CAP\WHL HUB(DC17)		2	EA
21	2900031	SEAL\WHEEL HUB(12407		1	EA
22	2900032	CONE\WHEEL HUB(44643		2	EA
23	2900033	CUP\WHEEL HUB (44610		2	EA
24	2900143	HUB\WHL\4-BOLT\QDS		1	EA
25	5000040	WASH\BUSH\MACH\1		1	EA
26	4900055	NUT\SLOT\1\JAM\NF		1	EA
27	2900037	CAP\WHL HUB 4-BOLT COULTR		1	EA
28	4800050	PIN\COT\3/16X1-1/2		1	EA
29	2600007	TIRE\4.80X8		1	EA
30	2600609	WHL\4-BOLT\8		1	EA
31	4900094	NUT\TPR\WHEL\1/2\13/16OD\NF		4	EA
	2600805	WHL\ASSY\4-BOLT\4X8	INCLUDES #29, #30	1	EA



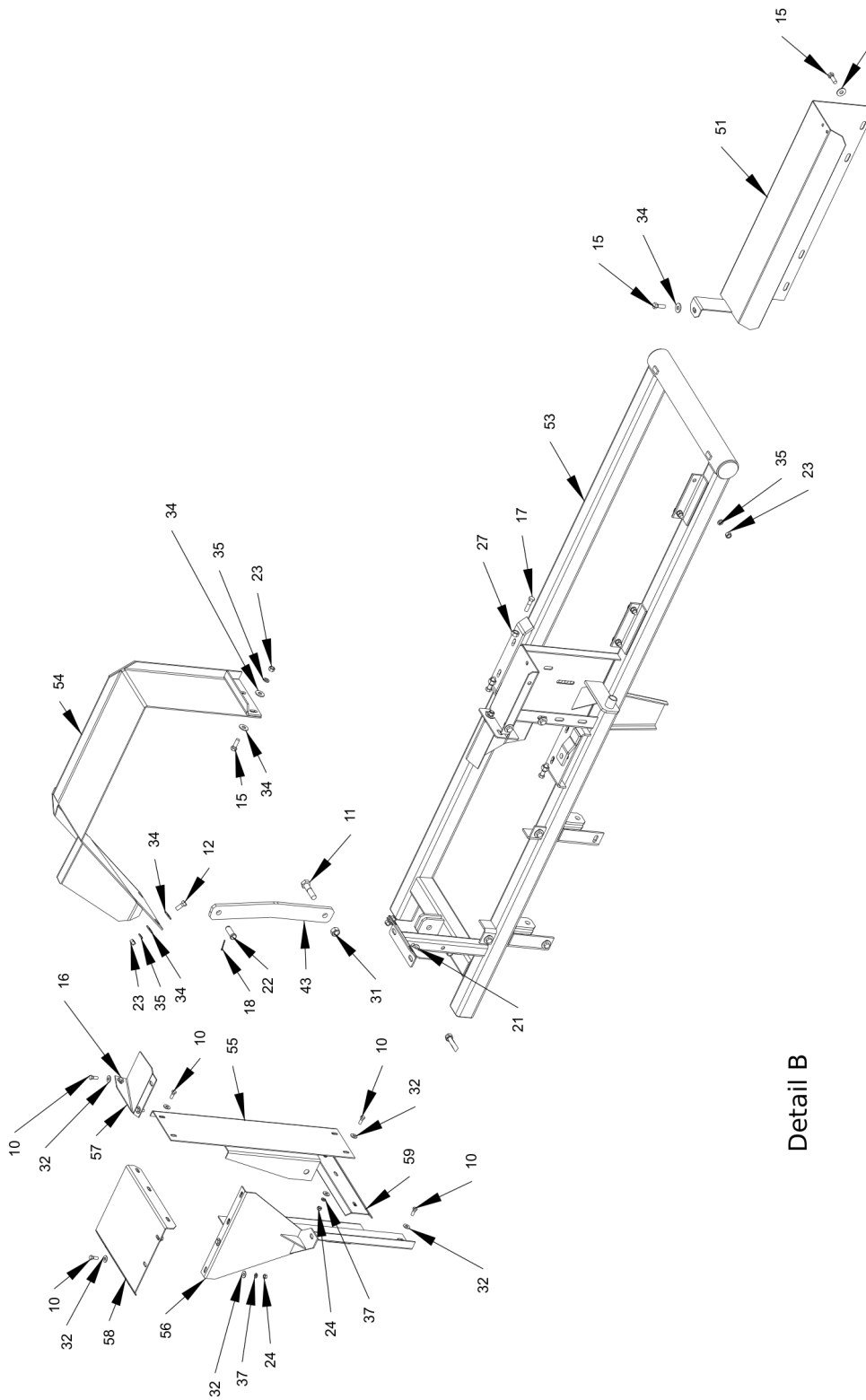
3106 Rock Box Assembly (SN AJ330106 and up)

Item	Part No.	Name	Remarks	Qty	Uom
1	1700026	BELT\PNCHD\5\39\W/3-PLY\		1	EA
2	4800034	BOLT\HEX\3/8X1-1/2		5	EA.
3	4800103	PIN\COT\1/4X2		2	EA
4	4800188	BOLT\HEX\1/2X4		2	EA.
5	4900002	NUT\HEX\3/8\NC		5	EA.
6	4900014	NUT\TPLCK\1/2\NC		2	EA.
7	5000001	WASH\FLAT\3/8		10	EA.
8	5000019	WASH\LOCK\3/8		5	EA.
9	6100001	SPRING.156OT 63/64OD13LIH		1	EA
10	6600081	BRKT\BELTING\ROCKBOX		1	EA
11	6600106	BUCKET\ROCK\H106		1	EA
12	6600107	SHLD\FALLOUT\ROCKEZE		1	EA
13	6600131	PIN\CYL\ROCKBOX		2	EA
	D1013046	PL\BOX\ROCK\GRATE, Rock Box Bottom			EA
	6600214	ROCK\BOX\ASSY\3106			EA

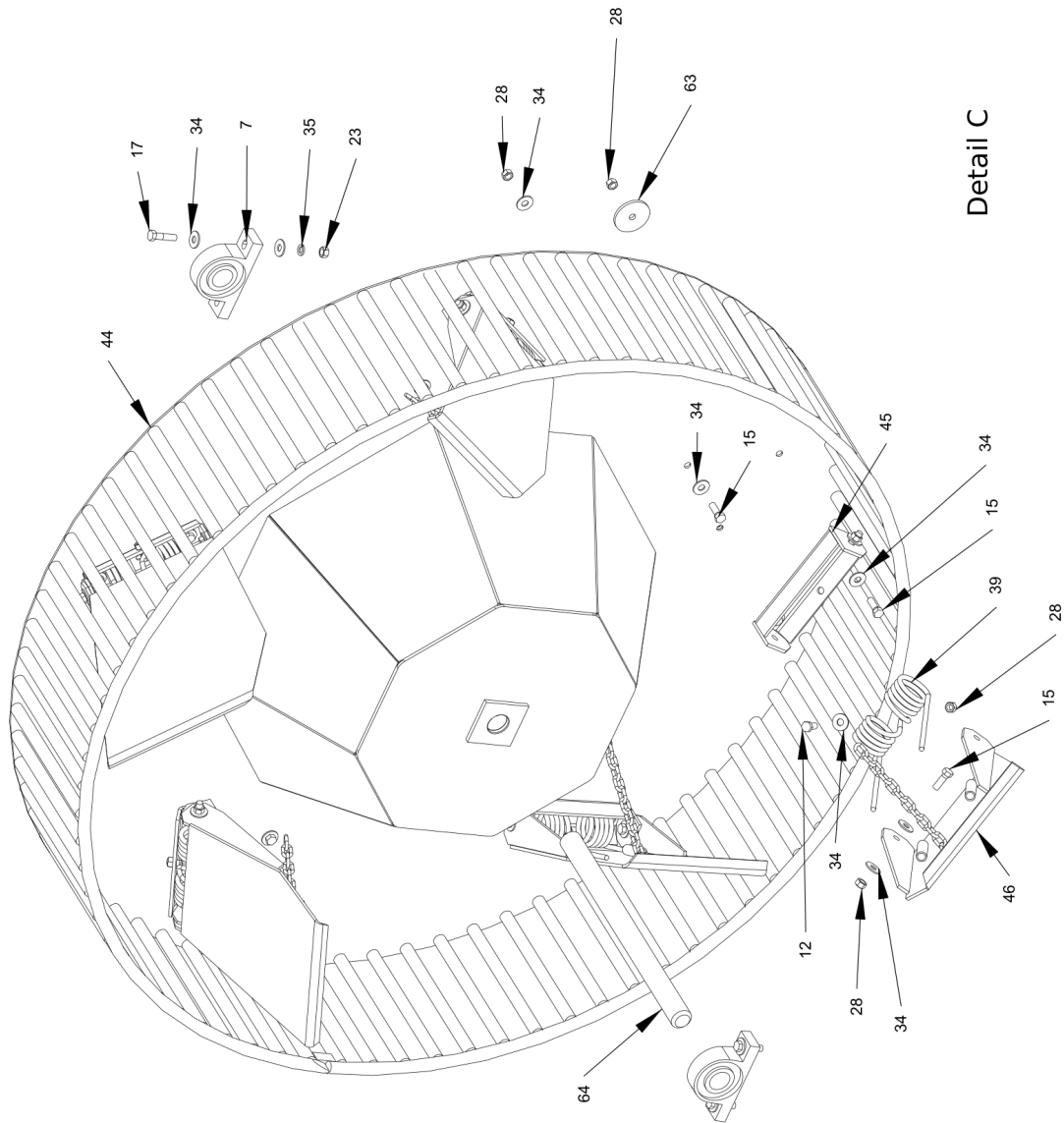




DETAIL A



Detail B



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3106 Lift/Rock Wheel Assembly (SN AJ330106 and up)

Item	Part No.	Name	Remarks	Qty	Uom
1	1000029	SPKT\50\B\14\1\1/4KW		1	EA.
2	1000072	SPKT\50\B\14\1-1/4 EXTHUB		1	EA
3	1100026	CHAIN\50DBL\13		1	EA
4	1100099	CHAIN\50DBL\CL		1	EA
5	1700027	BELT\PNCHD\5\39\W/3-PLY\		1	EA
6	1700161	BELT\PNCHD\5X38-3/4\3PLY		1	EA
7	2000505	BRG\PB\1-3/4\2BOLT		2	EA
8	2000513	BRG\PB\1-1/4\2BOLT\MALLEABLE		2	EA
9	3900031	MTR\HYD\101-1011\5.9CI		1	EA
10	4800164	BOLT\HEX\3/8X3/4	(THRU S.N. 4374)	4	EA
10A	4800003	BOLT\HEX\3/8X1	(S.N. 4375 & UP)	13	EA.
11	4800017	BOLT\HEX\3/4X3		1	EA.
12	4800251	BOLT\HEX\1/2X2-1/4\NC		2	EA.
12A	4800018	BOLT\HEX\1/2X1-1/4		13	EA.
13	4800030	PIN\CLEVIS\5/8X2		1	EA
14	4800034	BOLT\HEX\3/8X1-1/2		9	EA.
15	4800082	BOLT\HEX\1/2X1-1/2		36	EA.
16	4800098	BOLT\HEX\3/8X1-1/4\NC		1	EA.
17	4800114	BOLT\HEX\1/2X2		10	EA.
18	4800123	PIN\COT\1/8X1-1/2		2	EA
19	4800135	BOLT\HEX\1/2X3-1/2		2	EA.
20	4800203	PIN\COT\5/32X2		7	EA.
21	4800231	BOLT\HEX\1/2X3-3/4		2	EA.
22	4800527	PIN\CLEVIS\3/4X2		8	EA
23	4900001	NUT\HEX\1/2\NC		29	EA.
24	4900002	NUT\HEX\3/8\NC		19	EA.
25	4900004	NUT\HEX\3/4\NC		2	EA.
26	4900005	NUT\HEX\5/8\NC		4	EA.
27	4900012	NUT\TPLCK\5/8\NC		4	EA.
28	4900014	NUT\TPLCK\1/2\NC		30	EA.
29	4900110	NUT\FLG\SERR\5/8\NC		1	EA.
30	4900123	NUT\HEX\5/8\GR8\NF		1	EA
31	4900139	NUT\TPLCK\3/4\GR8\NC		1	EA.
32	5000001	WASH\FLAT\3/8		33	EA.
33	5000002	WASH\FLAT\5/8		2	EA.
34	5000004	WASH\FLAT\1/2		92	EA.
35	5000006	WASH\LOCK\1/2		29	EA.
36	5000017	WASH\FLAT\FNDR\395X1-5/8X.090		9	EA

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3106 Lift/Rock Wheel Assembly (SN AJ330106 and up)

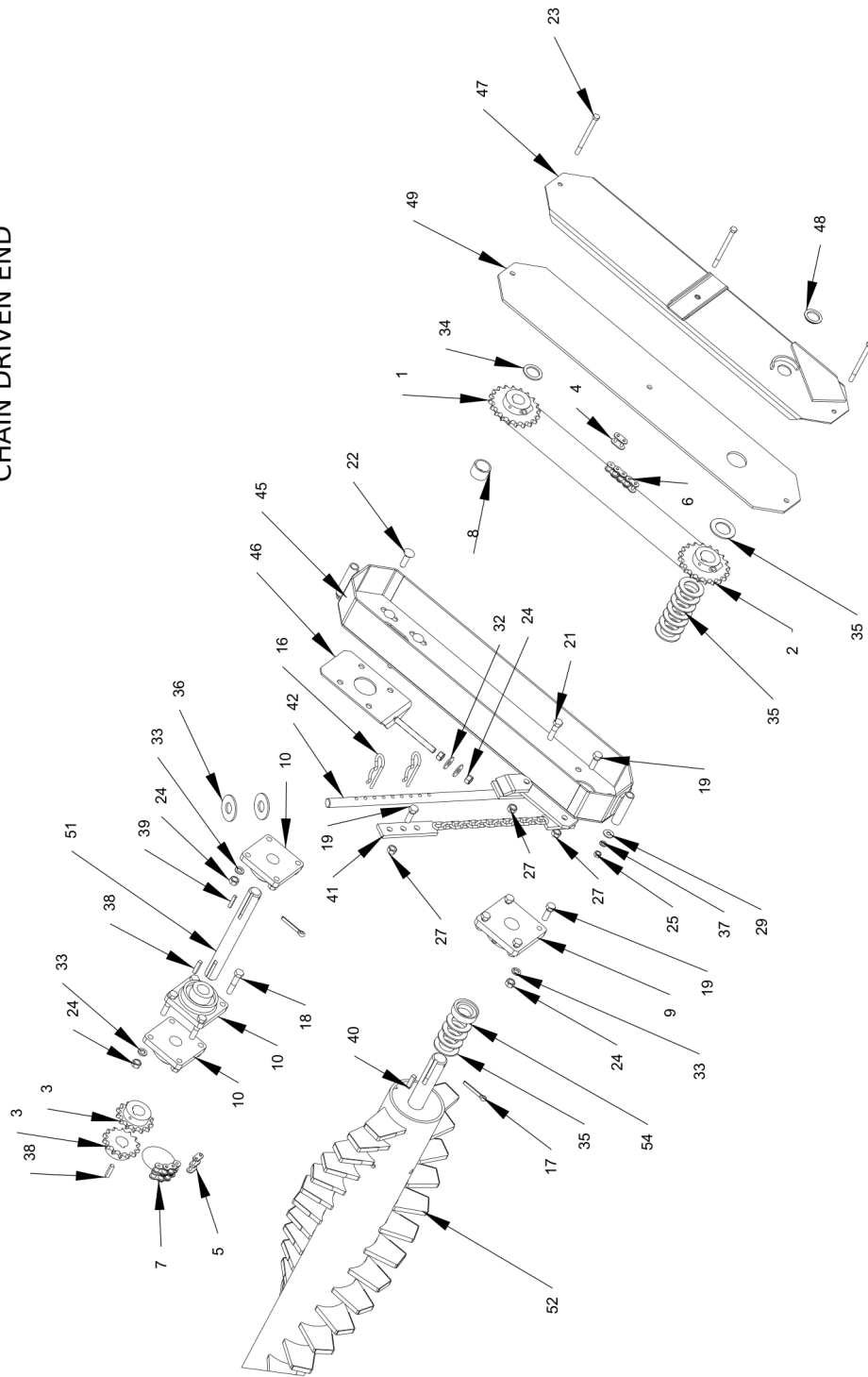
Item	Part No.	Name	Remarks	Qty	Uom
37	5000019	WASH\LOCK\3/8		23	EA.
38	6100007	SPRING\ROCK PLATE		4	EA
39	6100018	PADDLE SPRING		5	EA
40	6200012	KEY\SQ\1/4X2		1	EA
41	6600005	RLLR\KICKER\ROCK		1	EA
42	6600009	ARML\NKG\ADJ\H106		2	EA
43	6600031	BAR\LIFT\ROCKWHEEL\3106		1	EA
44	6600053	WHL\ROCK\W/O-PADDLE	(THRU S.N. 4775)	1	EA
44A	6600400	WHL\ROCK\W/O-PADDLE	(S.N. 4776 & UP)	1	EA.
45	6600054	HINGE\PADDLE\ROCKEZE		5	EA
46	6600055	PDDL\ROCKWHEEL		5	EA
47	6600059	SHLD\ORBIT\MTR\ROCKEZE		1	EA
48	6600061	LINKAGE\ROCKPLATE\3106		1	EA
49	6600062	PLATE\SPRING		1	EA
50	6600063	BOLT\ADJ\SPG_PL\3/4X6		1	EA
51	6600064	SHLD\FR\ROCK\ROCKEZE		1	EA
52	6600070	BRKT\ROCKPLATE		1	EA
53	6600101	FRM\WHEEL\ROCK		1	EA
54	6600111	SHLD\ROCK\3106		1	EA
55	6600112	SHLD\L\CYL\ROCKEZE		1	EA
56	6600113	SHLD\R\CYL\ROCKEZE		1	EA
57	6600114	SHLD\UP\FR\CYL\ROCKEZE		1	EA
58	6600115	SHLD\UP\CYL\ROCKEZE		1	EA
59	6600116	SHLD\LWR\CYL\ROCKEZE		1	EA
60	6600117	HOSE\PROTECT\ROCKEZE		1	EA
61	6600118	HOSE\PROTECT\MNT\STRP		1	EA
62	6600122	BOLT\HEX\5/8X5-1/2		1	EA
63	6600123	WASH\FLAT\3ODX1/4\9/16HL		10	EA
64	6600160	SHFT\1-3/4X24\ROCKEZE		1	EA
65	6600186	BRKT\PL\LINKAGE\TOP		1	EA
66	6600188	HUB\RCKWHL\WELDMENT		2	EA
67	6600264	PL\DBLR\BELT		1	EA
68	6600006	BRKT\ORBIT\MTR\ROCKEZE	(THRU S.N. 4374)	1	EA
68A	6600265	BRKT\ORBIT\MTR\ROCKEZE	(S.N. 4375 & UP)	1	EA
69	6600203	ROD\ADJ\ROCKPLATE	(thru SN 4900	1	EA
69A	6600269	ROD\ADJ\ROCKPLATE	(SN 4901 and Up)	1	EA.
70	7501057	CLEVIS\5/8PIN\5/8-18ROD	(thru SN 4900)	1	EA
70A	7501694	CLEVIS\5/8PIN\5/8-18ROD	(SN 4901 and Up)	1	EA.

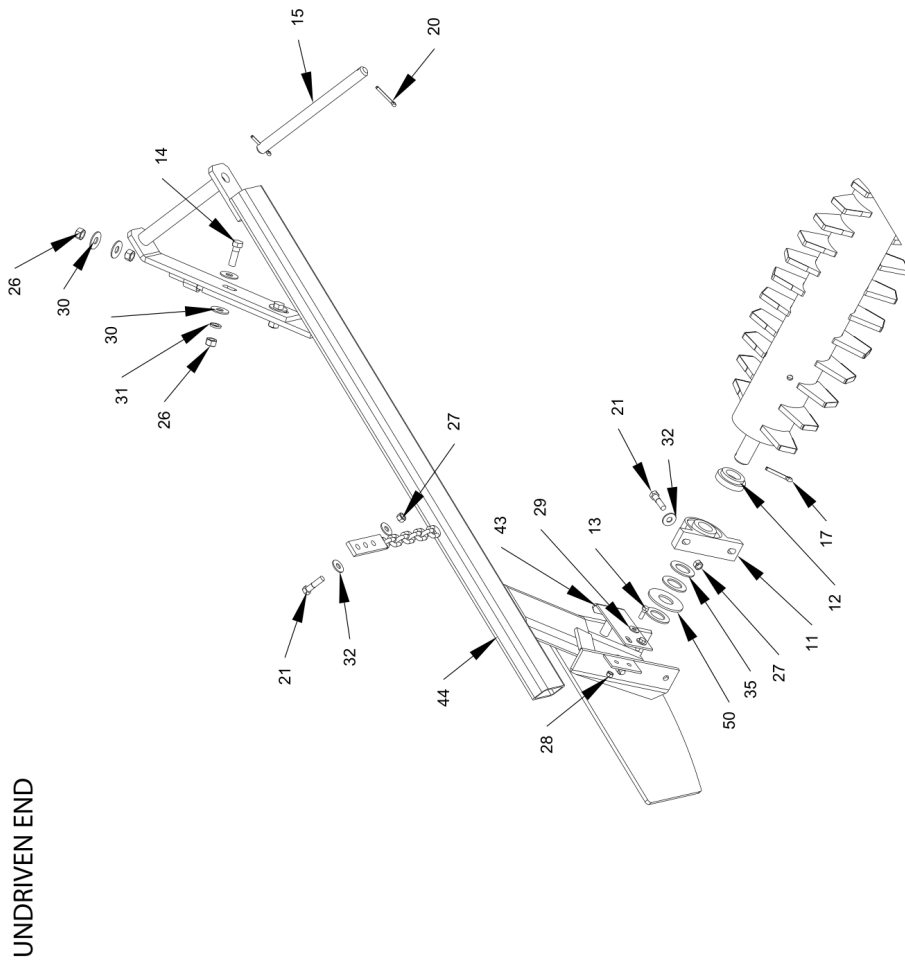
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3106 Lift/Rock Wheel Assembly (SN AJ330106 and up)

Item	Part No.	Name	Remarks	Qty	Uom
CA	6600213	LIFT\RCKWHL\ASSY\3106			EA.

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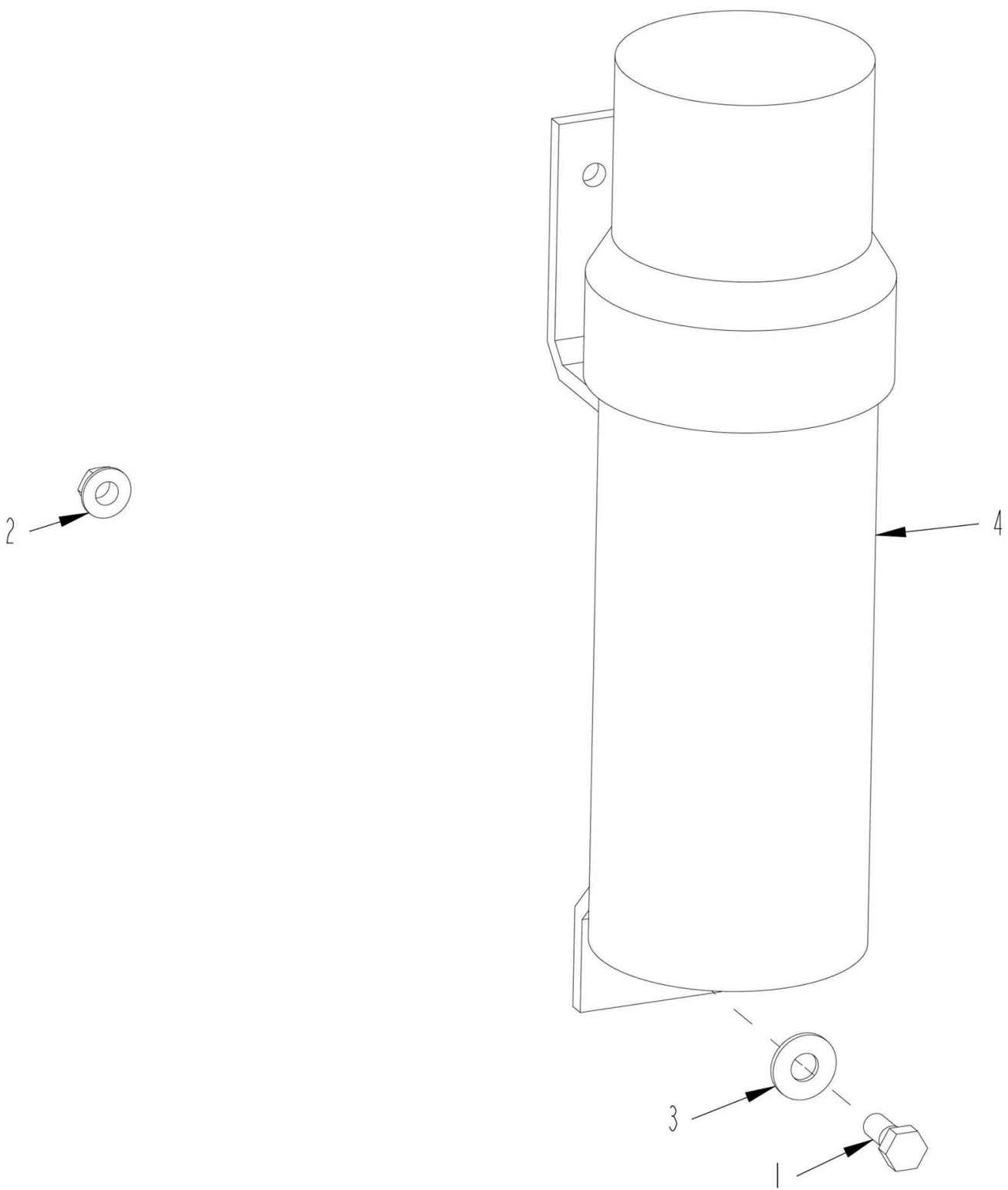
3106 Windrower Assembly (SN AJ330106 and Up)

Item	Part No.	Name	Remarks	Qty	Uom
1	1000001	SPKT\60\B\20\1-1/4\1/4		1	EA
2	1000106	SPKT\60\B\20\1-1/2\3/8\GRIP		1	EA
3	1000230	SPKT\60\B\14\1-1/4X5/16		2	EA
4	1100062	CHAIN\60\CL		1	EA.
5	1100064	CHAIN\60DBL\CL		1	EA.
6	1100143	CHAIN\60 PITCH\81 LINK		1	EA
7	1100219	CHAIN\60DBL\13		1	EA
8	2000021	BUSH\DRV\CHN_CS\WNRWR		1	EA
9	2000303	BRG\FLG\1-1/2\BOLT		1	EA
10	2000305	BRG\FLG\1-1/4\BOLT		3	EA
11	2000511	BRG\PB\1-1/2\2BOLTMALLEABLE		1	EA
12	2000828	CLLR\LOCK\1-1/2\BP		1	EA
13	4800003	BOLT\HEX\3/8X1		2	EA.
14	4800010	BOLT\HEX\5/8X2		2	EA.
15	4800028	PIN\HANGER\BRNG\WNRWR		1	EA
16	4800042	PIN\HAIR\1/4		2	EA
17	4800066	PIN\COT\5/16X2		3	EA
18	4800070	BOLT\HEX\1/2X2-1/2		4	EA.
19	4800082	BOLT\HEX\1/2X1-1/2		6	EA.
20	4800103	PIN\COT\1/4X2		2	EA
21	4800114	BOLT\HEX\1/2X2		4	EA.
22	4800201	BOLT\CRG\1/2X1-3/4\NC\GR5		4	EA
23	4800202	BOLT\HEX\3/8X5		3	EA
24	4900001	NUT\HEX\1/2\NC		14	EA.
25	4900002	NUT\HEX\3/8\NC		3	EA.
26	4900005	NUT\HEX\5/8\NC		4	EA.
27	4900014	NUT\TPLCK\1/2\NC		6	EA.
28	4900030	NUT\NYLCK\3/8\NC		2	EA.
29	5000001	WASH\FLAT\3/8		5	EA.
30	5000002	WASH\FLAT\5/8		6	EA.
31	5000003	WASH\LOCK\5/8		2	EA.
32	5000004	WASH\FLAT\1/2		6	EA.
33	5000006	WASH\LOCK\1/2		12	EA.
34	5000007	WASH\1-1/4\MACH\BUSH		1	EA.
35	5000008	WASH\MACH\1-1/2IDX10GAINR		16	EA.
36	5000014	WASH\FLAT\1		2	EA.
37	5000019	WASH\LOCK\3/8		3	EA.
38	6200004	KEY\SQ\5/16X1-1/2		2	EA

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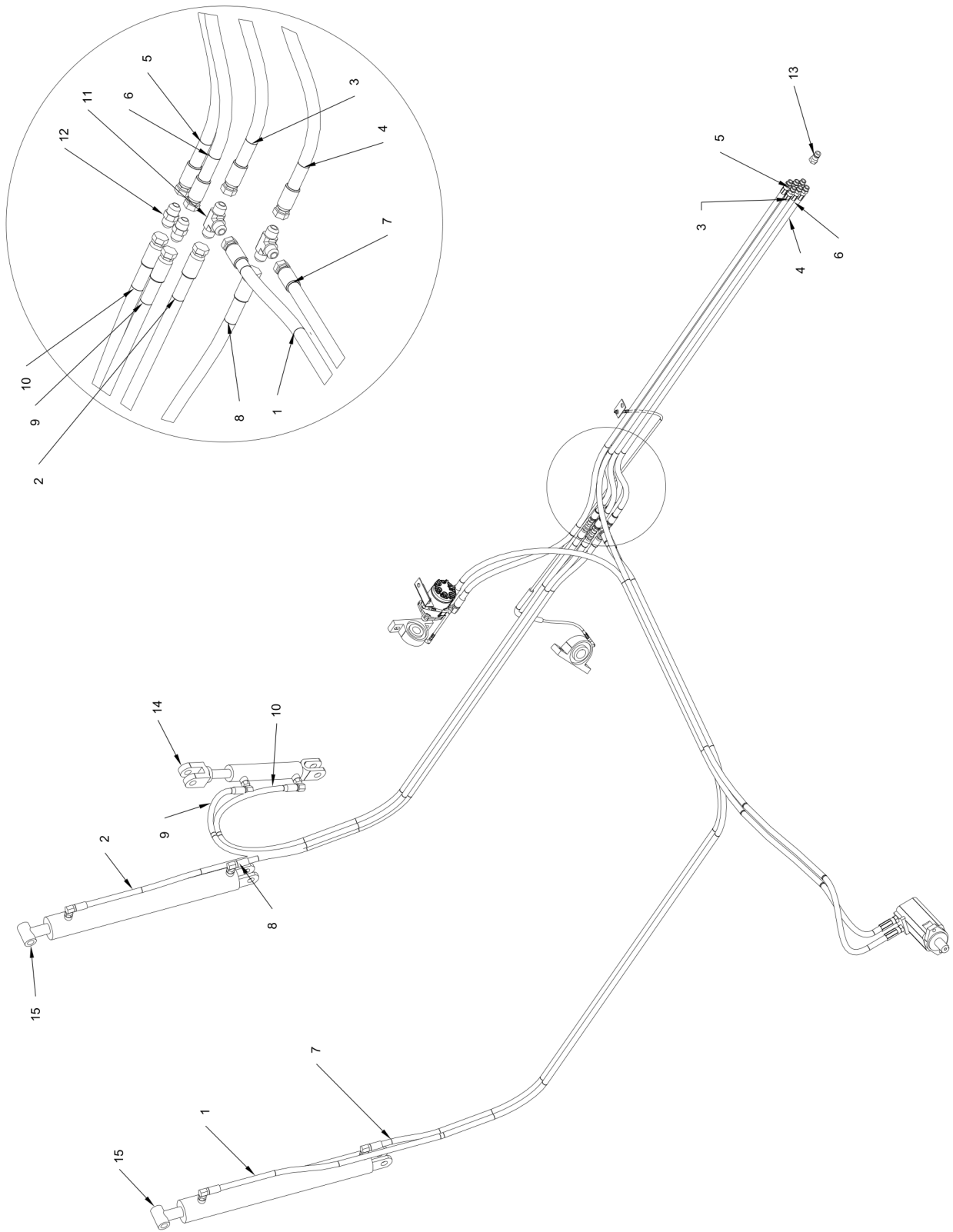
3106 Windrower Assembly (SN AJ330106 and Up)

Item	Part No.	Name	Remarks	Qty	Uom
39	6200005	KEY\SQ\1/4X1-1/2		1	EA,
40	6200007	KEY\SQ\3/8X1-1/2		1	EA
41	6600021	RAKE\LIFT\LINKAGE		1	EA
42	6600022	ROD\RAKE\ADJ		1	EA
43	6600026	SHLD\BRNG\WNRWR		1	EA
44	6600066	BRNG\HNGR\3106		1	EA
45	6600077	HSG\CHAIN\WNRWR\3106		1	EA
46	6600078	ADJ\CHN\BATH\OIL\3106		1	EA
47	6600079	CVR\BATH\OIL		1	EA
48	6600080	PLUG\PLSTC\CAPLUG\1-3/8"		1	EA
49	6600086	OIL BATH GASKET		1	EA
50	6600121	WASH\3-5/8X1-17/32\7GA		1	EA
51	6600161	SHAFT\DRIVE\WNRWR		1	EA
52	6600204	TOOTH\RAKE\H106\HRDFACE		86	EA
53	6600229	RAKE\86-TOOTH\3106\HARDFACE		1	EA
54	lock_collar	COLLAR\LOCK\1-1/2" BEARING	(INCLUDED IN 2000303)	1	EA.
CA	6600212	WNRWR\ASSY\3106			EA



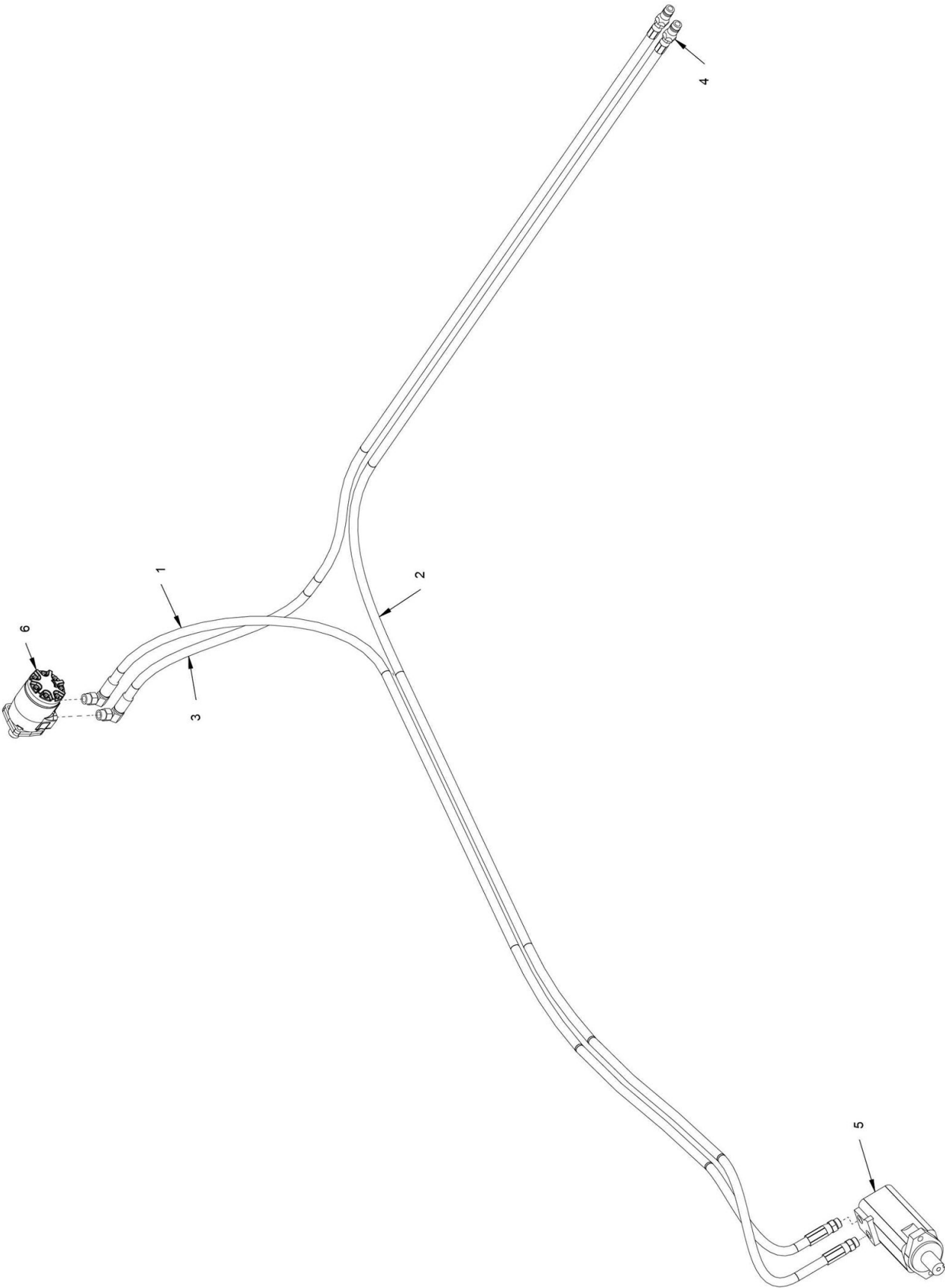
3106 Manual Canister

Item	Part No.	Name	Remarks	Qty	Uom
1	4800147	BOLT\HEX\5\16X7\8		3	EA.
2	4900108	NUT\FLG\SERR\5\16\NC		3	EA.
3	5000023	WASH\FLAT\5\16		3	EA.
4	7501628	CNSTRS\MANUAL\12X3.5		1	EA.



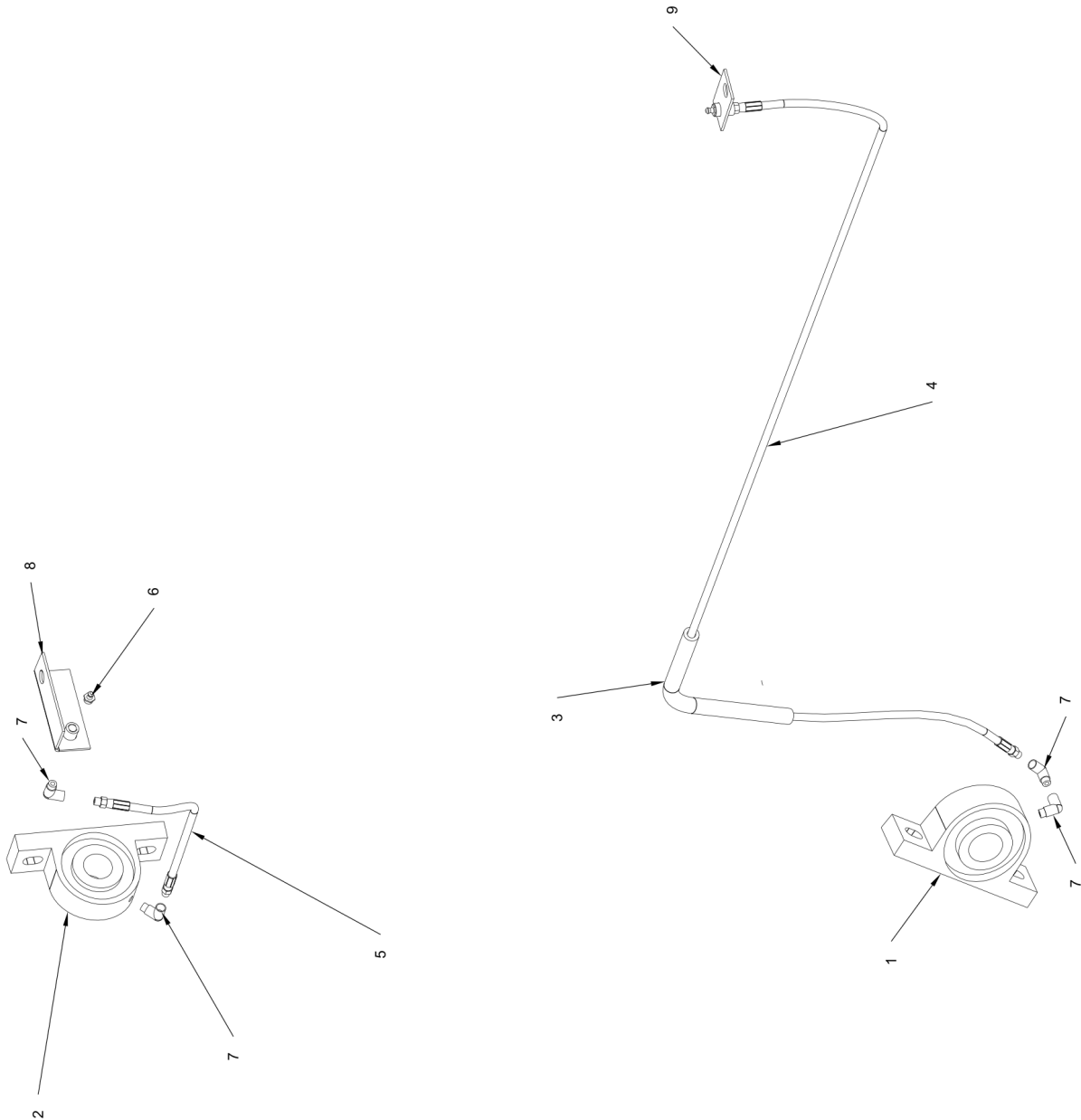
3106 Hydraulic Assembly - Hydraulic Cylinders to Tractor

Item	Part No.	Name	Remarks	Qty	Uom
1	3700546	HOSE\HYD\1\2X164\90MORS	SN AJ3351 & Up	1	EA
2	3700547	HOSE\HYD\1\2X120\90MORS	SN AJ3351 & Up	1	EA
3	3700548	HOSE\HYD\1\2X125\3\4MOR	SN AJ3351 & Up	1	EA
4	3700548	HOSE\HYD\1\2X125\3\4MOR	SN AJ3351 & Up	1	EA
5	3700548	HOSE\HYD\1\2X125\3\4MOR	SN AJ3351 & Up	1	EA
6	3700548	HOSE\HYD\1\2X125\3\4MOR	SN AJ3351 & Up	1	EA
7	3700549	HOSE\HYD\1\2X140\3\4MOR90	SN AJ3351 & Up	1	EA
8	3700550	HOSE\HYD\1\2X94\3\4MOR90	SN AJ3351 & Up	1	EA
9	3700551	HOSE\HYD\1\2X109\3\4MOR90	SN AJ3351 & Up	1	EA
10	3700552	HOSE\HYD\1\2X116\3\4MOR90	SN AJ3351 & Up	1	EA
11	3800692	FTG\TEE\MJIC\UNION	SN AJ3351 & Up	2	EA
12	3800693	FTG\3\4MJIC\NPPL	SN AJ3351 & Up	2	EA
13	3800694	FTG\3\4FOR\QUICK\CPLR\FEMALE	SN AJ3351 & Up	6	EA.
14	4100210	CYL\HYD\2X8\1-1\4RD\WELDED\#8ORB\INLINE W_PIN\RAM	SN AJ3351 & Up	1	EA.
14A	4100226	CYL\HYD\2X8\1-1\4RD\WELDED\#8ORB\INLINE W_PIN\CTD	SN AJ3351 & Up		EA.
	4100228	SEAL\KIT2\1-1\4RD\CTD	SN AJ3351 & Up		EA.
15	4100211	CYL\HYD\3X24\1-1\2RD-RAM INDUSTRIES	SN AJ3351 & Up	2	EA
15A	4100225	CYL\HYD\3X24\1-1\2RD-CANADIAN TOOL AND DIE	SN AJ3351 & Up		EA
	4100227	KIT\SEAL\CYL\HYD\3X24\1-1\2RD\CTD-for 4100225	SN AJ3351 & Up		EA.
CA	3701708	HOSE\KIT\MAIN\MOTION\3106	SN AJ3351 & Up		EA.
1	3700572	HOSE\HYD\1\2X164\90MPS\1\2MPS90- 3\4FJICS	SN AJ3301 to AJ3350	1	EA
2	3700573	HOSE\HYD\1\2X120\90MPS\1\2MPS90- 3\4FJICS	SN AJ3301 to AJ3350	1	EA
3	3700574	HOSE\HYD\1\2X140\90MPS\1\2MPS90- 3\4FJICS	SN AJ3301 to AJ3350	1	EA
4	3700575	HOSE\HYD\1\2X94\90MPS\1\2MPS90-3\4FJICS	SN AJ3301 to AJ3350	1	EA
5	3700576	HOSE\HYD\1\2X120\90MPS\1\2MPS90- 3\4FJICS	SN AJ3301 to AJ3350	1	EA
6	3700577	HOSE\HYD\1\2X120\90MPS\1\2MPS90- 3\4FJICS	SN AJ3301 to AJ3350	1	EA
14	4100073	CYL\HYD\2X8\WELDED\1\2 FP	SN AJ3301 to AJ3350	1	EA
15	4100085	CYL\HYD\3X24\WELD\1\2 FP	SN AJ3301 to AJ3350	1	EA



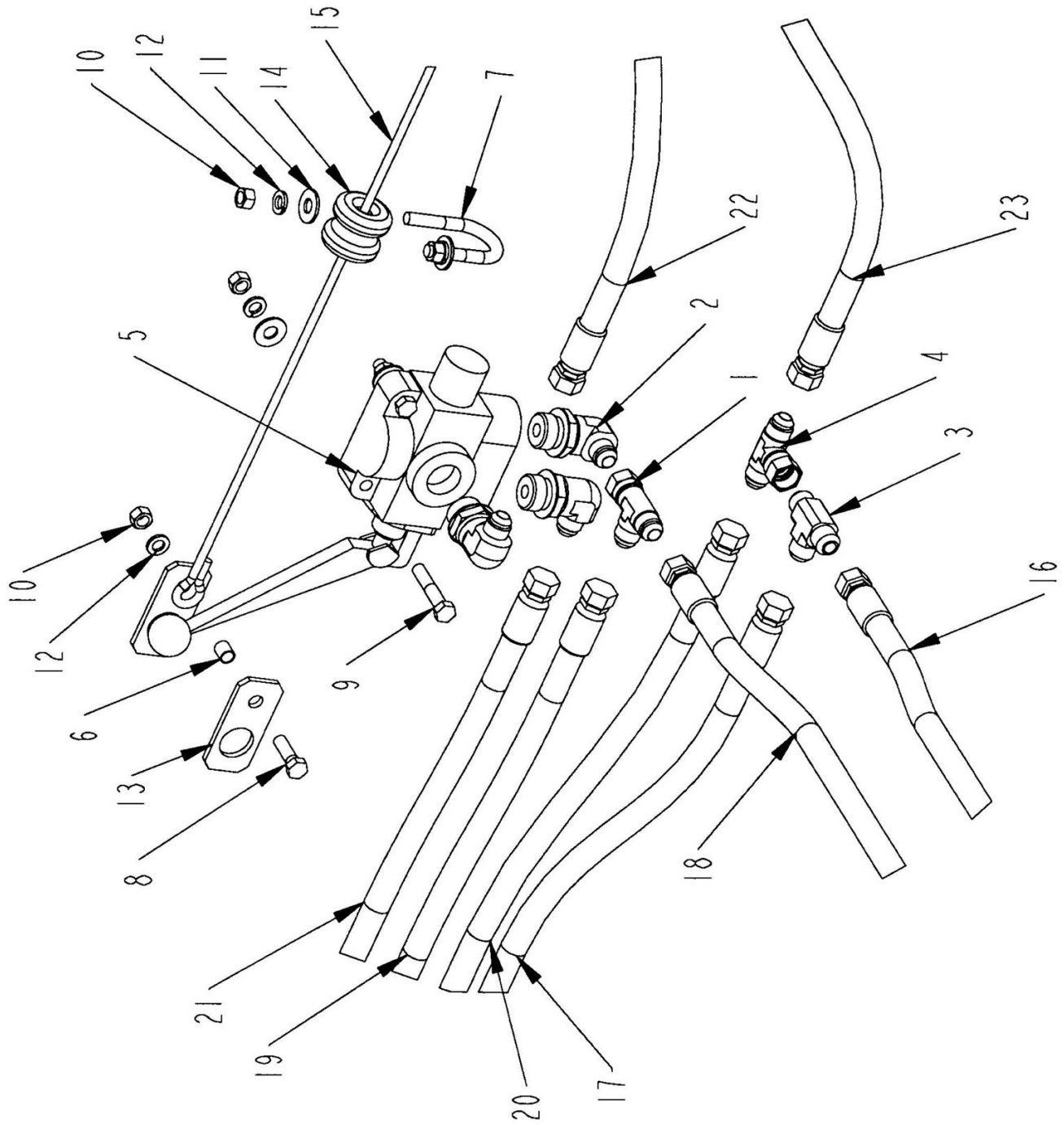
3106 Hydraulic Assembly - Orbit Motors to Tractor

Item	Part No.	Name	Remarks	Qty	Uom
1	3700553	HOSE\HYD\1/2X119\MOR-MOR		1	EA
2	3700554	HOSE\HYD\1/2X215\MOR-MOR		1	EA
3	3700555	HOSE\HYD\1/2X154\MOR-MOR		1	EA
4	3800694	FTG\3/4FOR\QUICK;CPLR\FEMALE		2	EA.
5	3900007	MTR\HYD\14.9\2000\1WAY		1	EA
6	3900031	MTR\HYD\101-1011\5.9CI		1	EA



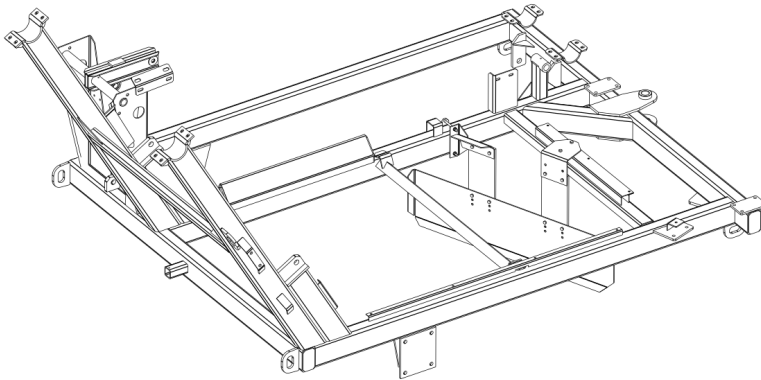
3106 Grease Line Assembly

Item	Part No.	Name	Remarks	Qty	Uom
1	2000511	BRG\PB\1-1/2\2BOLT\MALLEABLE	SN AJ3351 & Up	1	EA
2	2000513	BRG\PB\1-1/4\2BOLT\MALLEABLE	SN AJ3351 & Up	1	EA
3	3700179	HOSE\EVA\3/8	SN AJ3351 & Up	1	FT
4	3700566	HOSE\HYD\1/8X72\MPS-MPS	SN AJ3351 & Up	1	EA
5	3700567	HOSE\HYD\1/8X15\MPS-MP	SN AJ3351 & Up	1	EA
6	3800043	FTG\LUB\1/8MPXZRK\SHORT	SN AJ3351 & Up	2	EA.
7	3800111	FTG\1/8MPX1/8FP\90D\ST;EL	SN AJ3351 & Up	4	EA.
8	6600215	BRKT\GREASE\HOSE	SN AJ3351 & Up	1	EA
9	6600216	BRKT\GREASE\HOSE	SN AJ3351 & Up	1	EA



3106 Hopper Dump Valve (Option)

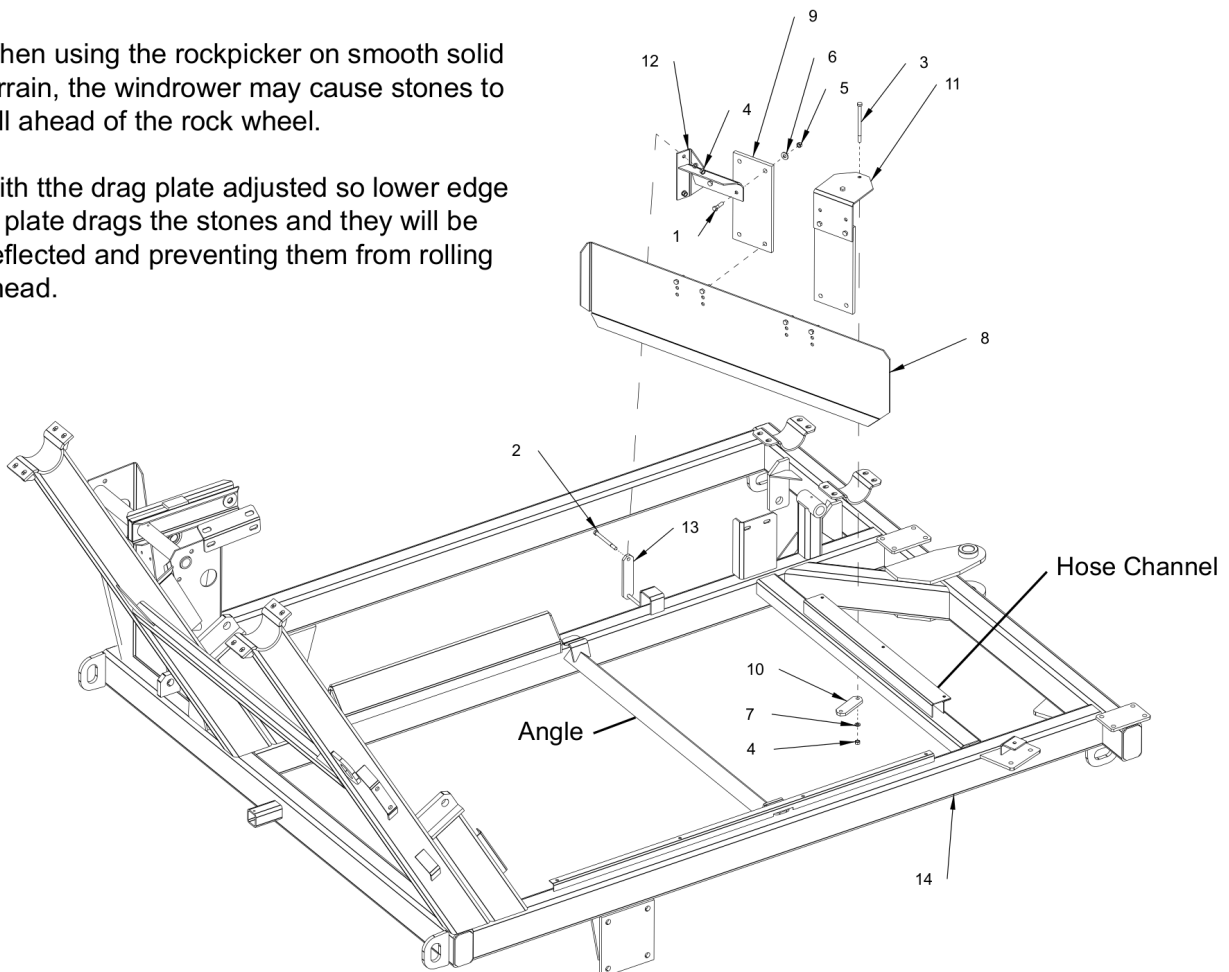
Item	Part No.	Name	Remarks	Qty	Uom
1	3800484	FTG\3/4FJICSX3/4MJICX3/4MJIC\RUN;TEE	SN AJ3351 & Up	1	EA.
2	3800536	FTG\1-1/16MORX3/4MJIC\90	SN AJ3351 & Up	3	EA
3	3800692	FTG\TEE\MJIC\UNION	SN AJ3351 & Up	1	EA
4	3800695	FTG\3/4MJIC3/4MJIC3/4FJICS\BR;TEE	SN AJ3351 & Up	1	EA
5	4000115	VALVE\HYD\SLCTR\1-1/16FOR	SN AJ3351 & Up	1	EA
	4000001	HANDLE\HYD\VALVE BANK	SN AJ3351 & Up		EA
	7501012	SEAL KIT SELECT VLV NEW	SN AJ3351 & Up		EA
6	4600089	SPCR\3/8IDX1/2"LX20GA	SN AJ3351 & Up	1	EA
7	4800067	BOLT\U\3/8\1-1/4IDX2OD	SN AJ3351 & Up	1	EA
8	4800098	BOLT\HEX\3/8X1-1/4\NC	SN AJ3351 & Up	1	EA.
9	4800146	BOLT\HEX\3/8X2	SN AJ3351 & Up	2	EA.
10	4900002	NUT\HEX\3/8\NC	SN AJ3351 & Up	5	EA.
11	5000001	WASH\FLAT\3/8	SN AJ3351 & Up	4	EA.
12	5000019	WASH\LOCK\3/8	SN AJ3351 & Up	5	EA.
13	6600147	ADPT\ROPE\LEVER\HYD\3106	SN AJ3351 & Up	2	EA
14	7500212	PORECLAIN SPOOL	GUIDE; SN AJ3351 & Up	1	EA
15	7500217	1/4 ROPE X 14 FT	SN AJ3351 & Up	1	EA
16	3700546	HOSE\HYD\1/2X164\90MORS	To Right Dump Cyl Rod End; SN AJ3351 & Up	1	EA
17	3700547	HOSE\HYD\1/2X120\90MORS	To Left Dump Cyl Rod End; SN AJ3351 & Up	1	EA
18	3700549	HOSE\HYD\1/2X140\3/4MOR90	To Right Dump Cyl Butt End; SN AJ3351 & Up	1	EA
19	3700550	HOSE\HYD\1/2X94\3/4MOR90	To Left Dump Cyl Butt End; SN AJ3351 & Up	1	EA
20	3700551	HOSE\HYD\1/2X109\3/4MOR90	To Rockwheel Cyl Rod End; SN AJ3351 & Up	1	EA
21	3700552	HOSE\HYD\1/2X116\3/4MOR90	To Rockwheel Cyl Butt End; SN AJ3351 & Up	1	EA
22	3700548	HOSE\HYD\1/2X125\3/4MOR	To Tractor; SN AJ3351 & Up	1	EA
23	3700548	HOSE\HYD\1/2X125\3/4MOR	To Tractor; SN AJ3351 & Up	1	EA
CA	6600150	KIT\VALVE\DUMP\3106	INCLUDES #1-#15; SN AJ3351 & Up		EA
16	3700572	HOSE\HYD\1/2X164\90MPS\1/2MPS90-3/4FJICS	To Right Dump Cyl Rod End; SN AJ3301 to AJ3350	1	EA
17	3700573	HOSE\HYD\1/2X120\90MPS\1/2MPS90-3/4FJICS	To Left Dump Cyl Rod End; SN AJ3301 to AJ3350	1	EA
18	3700574	HOSE\HYD\1/2X140\90MPS\1/2MPS90-3/4FJICS	To Right Dump Cyl Butt End; SN AJ3301 - AJ3350	1	EA
19	3700575	HOSE\HYD\1/2X94\90MPS\1/2MPS90-3/4FJICS	To Left Dump Cyl Butt End; SN AJ3301 - AJ3350	1	EA
20	3700576	HOSE\HYD\1/2X120\90MPS\1/2MPS90-3/4FJICS	To Rockwheel Cyl Rod End; SN AJ3301 - AJ3350	1	EA
21	3700577	HOSE\HYD\1/2X120\90MPS\1/2MPS90-3/4FJICS	To Rockwheel Cyl Butt End; SN AJ3301 - AJ3350	1	EA



DRAG PLATE

When using the rockpicker on smooth solid terrain, the windrower may cause stones to roll ahead of the rock wheel.

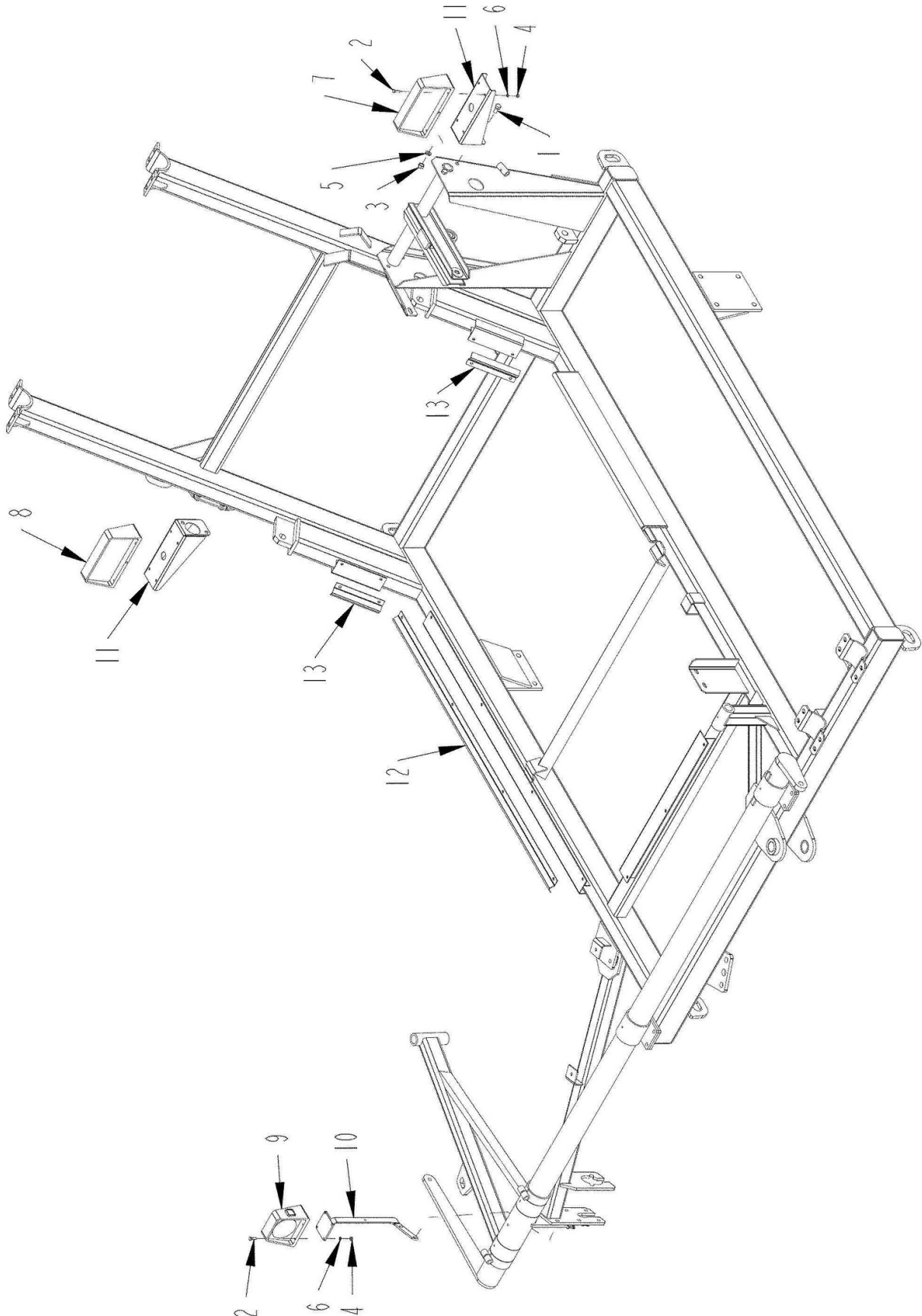
With the drag plate adjusted so lower edge of plate drags the stones and they will be deflected and preventing them from rolling ahead.



Center Inner bracket between angle and hose channel. Plate height should be adjusted according to conditions.

3106 Optional Drag Plate Assembly

Item	Part No.	Name	Remarks	Qty	Uom
1	4800034	BOLT\HEX\3/8X1-1/2		8	EA.
2	4800152	BOLT\HEX\3/8X4-1/2		2	EA
3	4800226	BOLT\HEX\3/8X5-1/2		2	EA
4	4900002	NUT\HEX\3/8\NC		4	EA.
5	4900023	NUT\PLCK\3/8\NC		8	EA.
6	5000001	WASH\FLAT\3/8		8	EA.
7	5000019	WASH\LOCK\3/8		4	EA.
8	6600095	PL\DRAG\H106		1	EA
9	6600096	HNGR\RBBR\PL\		2	EA
10	6600097	STRAP\OUTER		1	EA
11	6600098	BRKT\PLATE\DRAG		1	EA
12	6600099	WELD\DRAG\PLATE		1	EA
13	6600100	STRAP\DRAG-P		1	EA
14	6600207	FRM\MAIN\3106		1	EA
CA	6600217	PL\DRAG\KIT\3106-H106		1	EA



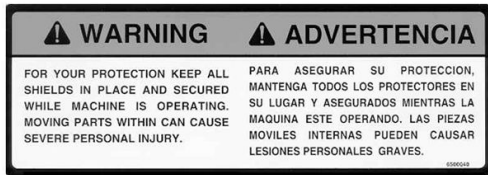
3106 Tail Light Assembly

Item	Part No.	Name	Remarks	Qty	Uom
1	4800085	BOLT\HEX\1/2X1	SN 3115467606 & UP	4	EA.
2	4800277	BOLT\HEX\1/4X1	SN 3115467606 & UP	12	EA.
3	4900001	NUT\HEX\1/2\NC	SN 3115467606 & UP	4	EA.
4	4900009	NUT\HEX\1/4\NC	SN 3115467606 & UP	12	EA.
5	5000006	WASH\LOCK\1/2	SN 3115467606 & UP	4	EA.
6	5000024	WASH\LOCK\1/4	SN 3115467606 & UP	12	EA.
7	5701284	LGHT\TAIL\AMBER-LEFT\4PN-WP\LED	SN 3115467606 & UP	1	EA.
8	5701285	LGHT\TAIL\AMBER-RGHT\4PN-WP\LED	SN 3115467606 & UP	1	EA.
9	5701097	LIGHT\LED\AMBER	SN 3115467606 & UP	1	EA
10	6600401	MNT\LIGHT\MRKR	SN 3115467606 & UP	1	EA
11	6600403	MNT\LIGHT\TAIL\3106	SN 3115467606 & UP	2	EA
12	6600404	CVR\HARN\58"	SN 3115467606 & UP	1	EA
13	6600405	CVR\HARN\8"	SN 3115467606 & UP	2	EA
	5701095	KIT\LIGHT\3106	SN 3115467606 & UP	1	EA
	5701122	KIT\LIGHT\RETROFIT\3106	SN Up to 3114457506	1	EA

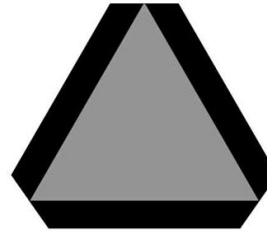


① 6500020

①A 6500304



② 6500040



⑩ 6500366



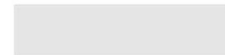
③ 6500041



11.



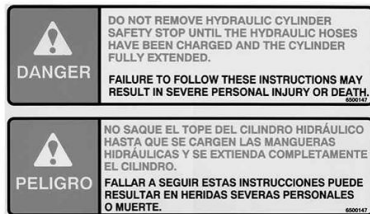
12.



13.



④ 6500046



⑤ 6500147



14.



⑥ 6500302



⑦ 6500319



⑧ 6500105



⑨ 6500052



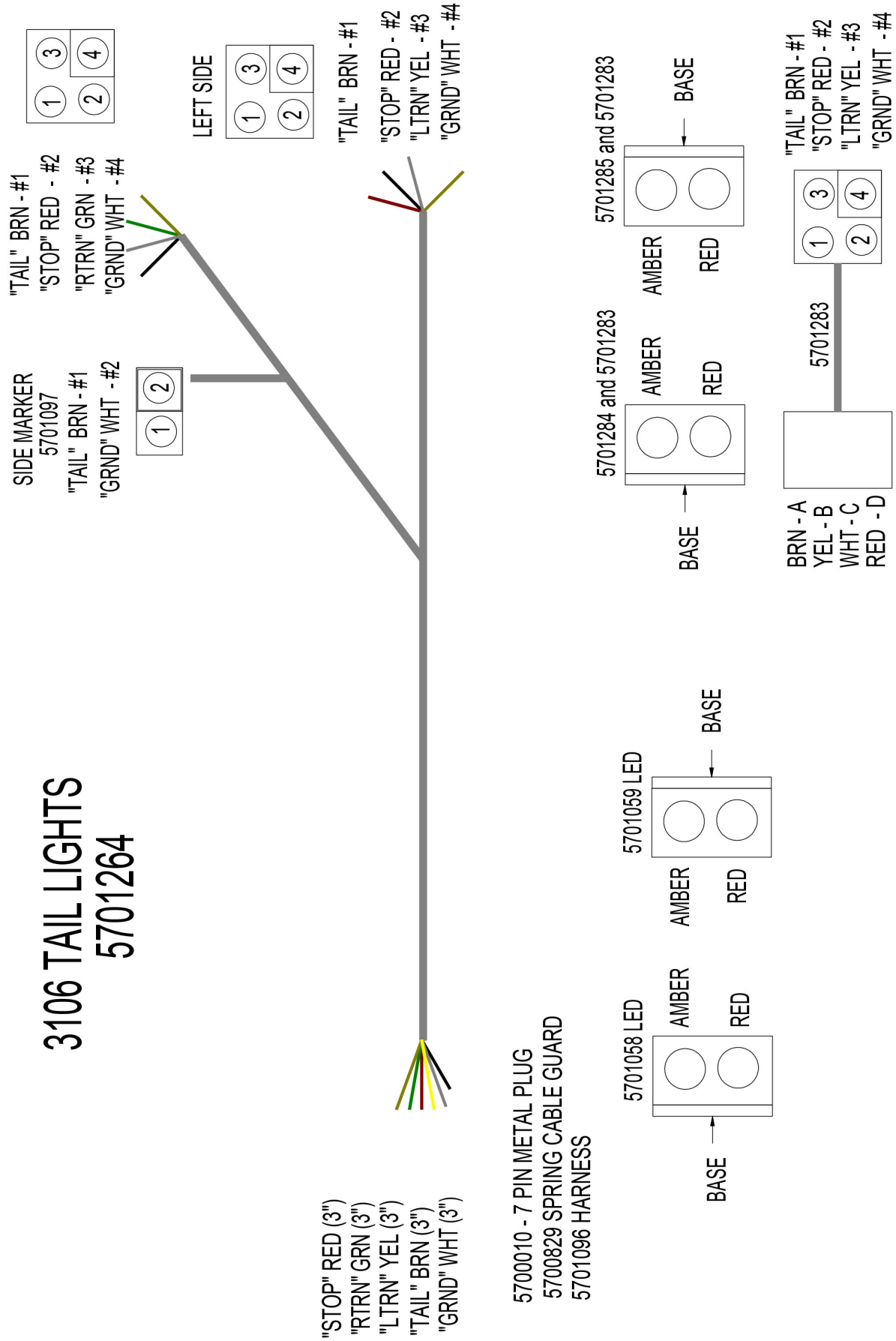
15.



16.

3106 Decals

Item	Part No.	Name	Remarks	Qty	Uom
1	6500020	DECAL\LOGO\HYBSTR\SNBRS\3		1	EA.
1a	6500304	DECAL\LOGO\HYBST\1-3/4"W/		2	EA.
2	6500040	DECAL\WARN\SHIELD\PROT		2	EA.
3	6500041	DECAL\WARN\PROTECTION		1	EA.
4	6500046	DECAL\LOGO\ROCK-EZE\SLTDBLACK		1	EA
5	6500147	DECAL\INFO\HYD.CYL;SFTYSTOP		1	EA
6	6500302	DECAL\LOGO\STRIP\3\RD&BLK			FT.
7	6500319	DECAL\LOGO\3106\SLTD\BLCK		1	EA
8	6500105	DECAL\LOGO\ROCK-EZE\RD\WHITE		2	EA
9	6500052	DECAL\INFO\OIL;LEVEL		1	EA
10	6500366	DECAL\SMV		1	EA
11	6500541	DECAL\2X9\FLRSCNT\NON-REFCT		2	EA.
12	6500434	DECAL\2X9\RED\REFCT		3	EA.
13	6500435	DECAL\2X9\AMBER\REFCT		3	EA.
14	6500043	DECAL\WARN\NO;RIDERS		1	EA.
15	6500085	DECAL\DNGR\ROTATNG;DR-LNE		1	EA.
16	6500599	DECAL\ID\SPEED\25MPH		1	EA.
	6500347	DECAL\KIT\3106			EA.





Delivery Report

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

Customer Name		
Customer Address	Phone	
Customer City	State	Zip
Customer Email		

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

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



Warning

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

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

