



CP400/CP400L Corn Puller™

Parts & Operator's Manual

For machines with serial number 255890-XXXXXX and 255900-XXXXXX

LIMITED WARRANTY

Oxbo® International Corporation warrants its new machines to be free from defects in material and workmanship, under normal use and service, for a period of one (1) year from date of delivery to the original purchaser, or five hundred (500) hours of operation whichever occurs first.

Upon satisfactory claim, we will, within a reasonable time, at our option replace or repair defective parts free of charge. Charges for transportation, customs duties or taxes where applicable, installation, correcting defects or making additions will not be allowed, nor will we accept products returned for credit unless the return or correction is authorized by us in writing.

Warranty claims will not be honored, if, in the Company's opinion, such claim was caused by improper use, improper adjustment or failure to properly maintain the machine.

THE REMEDY FOR ANY BREACH OF WARRANTY AND THE ONLY REMEDY FOR THE COMPANY'S LIABILITY OF ANY KIND, INCLUDING LIABILITY FOR NEGLIGENCE, WITH RESPECT TO ANY MACHINE, SHALL IN NO EVENT INCLUDE ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EITHER EXPRESSED OR IMPLIED.

THE OWNER ASSUMES FULL RESPONSIBILITY FOR ANY DAMAGES, INJURIES, ETC. WHICH MAY RESULT IF THE EQUIPMENT IS USED FOR ANYTHING OTHER THAN THE HARVESTING OPERATION IT IS SPECIFICALLY DESIGNED TO DO.

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oxbo®

MODELS CP400 & CP400L CORN PULLER

Parts & Operator's Manual

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All information in this manual is based upon the latest product information available at the time of publication and is subject to change without notice. Each manual is reviewed periodically and revised to include changes in later editions.

**Parts and mechanisms used on this machine are covered by:
U.S. Patent No. 5,661,964**

There are additional patents pending.

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CP400 & CP400L Corn Puller™

INTRODUCTION

Oxbo CP400 & CP400L Corn Puller Sweet Corn Harvester delivers fresh market sweet corn with hand-picked quality. The harvester uses a gentle pulling action to pick the ears of corn from the stalk. The sweet corn is left with a long shank and no damage, the outer flag leaves are intact right down to the end of the shank.

The CP400 & CP400L Corn Puller is the most efficient, high capacity, mechanical sweet corn harvester made. The CP400 can be installed on an Oxbo 2430 chassis. The CP400L can be installed on either the Oxbo 2460, 2470, 2475 or the Oxbo 84XX chassis.

Use of the machine for any other purpose is considered to be not in accordance with specifications and is undertaken as such at the owner's risk. The manufacturer is not liable for any damages resulting from such misuse.

The operation, routine maintenance and repair of this machine must follow the prescribed application stipulations outlined by the manufacturer and must be adhered to at all times. The machine may only be operated, serviced and repaired by personnel who have been thoroughly instructed of the inherent dangers present in farm machinery.

All relevant accident prevention regulations as well as all generally recognized safety and highway regulations must be complied with.

This manual is intended to familiarize those involved with the installation, operation, maintenance and repair of the Oxbo CP400 & CP400L Corn Puller. We recommend that the machine operator become familiar with this manual and any other manual pertaining to the tractor being used so as to optimize the productivity of the equipment and safety of the user.

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Machine Specifications

CORN PULLER SPECIFICATIONS

	<u>CP400</u>	<u>CP400L</u>
DIMENSIONS		
Overall Width:	129 in. (3.20 m)	129 in. (3.2 m)
Overall Height:	87 in. (2.21 m)	87 in. (2.21 m)
Overall Length:	168 in. (4.27 m)	210 in. (5.33 m)
NET WEIGHT	5100 lbs. (2318 kg)	5200 lbs. (2363 kg)
ROWS		
Picking Rows:	Four	Four
Row Spacing:	30 - 36 in. (76.2 - 91.4 cm)	30 - 36 in. (76.2 - 91.4 cm)
38 - 40 INCH ROW OPTION	38 - 40 in. (96.5 - 101.6 cm)	38 - 40 in. (96.5 - 101.6 cm)
CENTER CONVEYOR		
Width:	36 in. (91.4 cm)	36 in. (91.4 cm)
Drive:	Chain and Sprocket	Chain and Sprocket
CROSS CONVEYORS		
Width:	30 in. (76.2 cm)	30 in. (76.2 cm)
Drive:	Hydraulic Motor	Hydraulic Motor
OPTIONAL GAUGE WHEEL	7.6 x 15 in. (19.3 x 38.1 cm)	7.6 x 15 in. (19.3 x 38.1 cm)
CAPACITY (Approx.)		
Harvesting Speed:	2 mph (3.3 km/h)	4 mph (6.4 km/h)
Acres/Hour:	3 (1.2 hectares/hour)	4 (1.6 hectares/hour)

Safety

RECOGNIZE SAFETY INFORMATION

This is a safety alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



UNDERSTAND SIGNAL WORDS AND COLORS

Safety signs consist of a combination of pictorials, words and colors. Three signal words and three colors indicate the degree of hazard present in the area of the machine where the sign is displayed.

DANGER in white letters on a red background indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING in black letters on an orange background indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury such as when guards are removed.

CAUTION in black letters on a yellow background indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

The pictorials on each sign show the likely consequence of human interaction with the hazard.

FOLLOW SAFETY INSTRUCTIONS

The warnings on these safety signs are for your personal safety and the safety of those working around you. **OBSERVE THESE WARNINGS!** If the signs become worn or illegible, replace them with new safety signs. Order them by part number from your local dealer.



DANGER



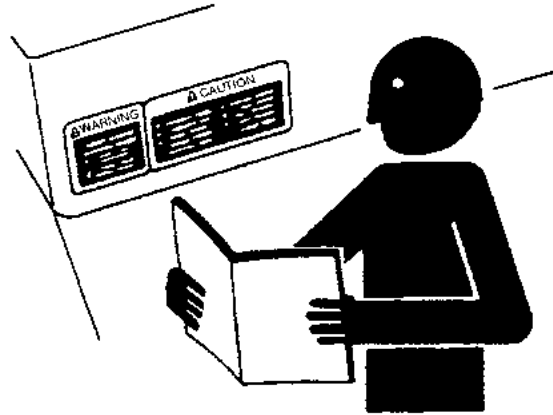
WARNING



CAUTION

REPLACE SAFETY SIGNS

Replace missing or damaged safety signs. See the machine operator's manual for correct safety sign placement.



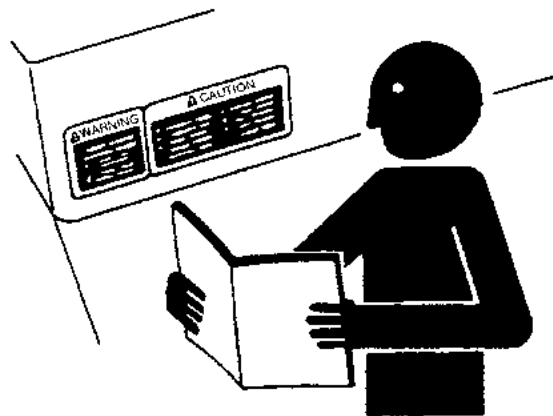
FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your dealer.

Learn how to operate the equipment and how to use controls properly. Do not let anyone operate without instruction.

Keep your equipment in proper working condition. Unauthorized modifications to the equipment may impair the function and/or safety and affect equipment life.

If you do not understand any part of this manual and need assistance, contact your dealer.



READ OPERATOR'S MANUAL

Read your operator's manual thoroughly to learn how to operate the machine and how to use controls properly. Do not allow anyone to operate this machine without instruction.

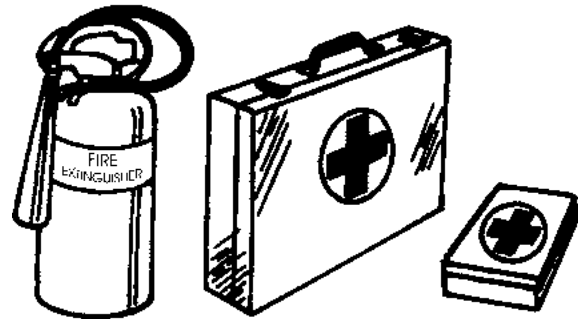


PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



PRACTICE SAFE MAINTENANCE

Understand service procedure before doing work. Keep area clean and dry.

Never lubricate, service, or adjust engine while it is running. Keep hands, feet, and clothing from power-driven parts. Disengage all power and operate controls to relieve pressure. Lower equipment to the ground. Stop the engine. Remove the key. Allow engine to cool.

Securely support any engine elements that must be raised for service work.

Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any buildup of grease, oil, or debris.

Disconnect battery ground cable (-) before making adjustments on electrical systems or welding on engine.



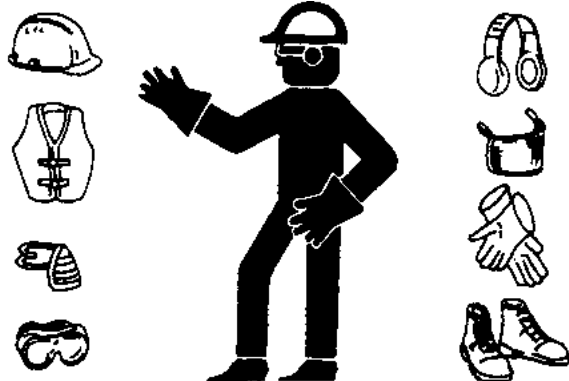
WEAR PROTECTIVE CLOTHING

Wear close fitting clothing and safety equipment appropriate to the job.

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.

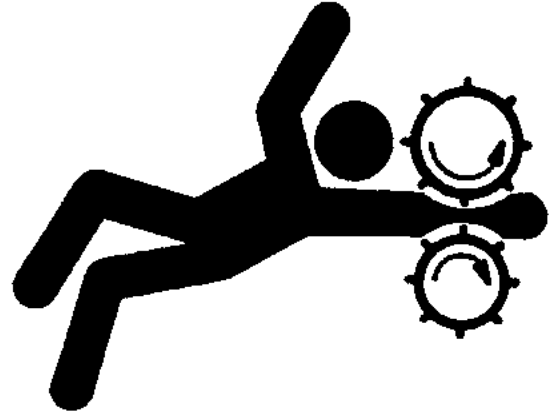
Operating equipment safely requires the full attention of the operator. Do not wear radio or music headphones while operating machine.



SERVICE EQUIPMENT SAFELY

Tie long hair behind your head. Do not wear a necktie, scarf, loose clothing, or necklace when you work near moving parts. If these items were to get caught, severe injury could result.

Remove rings and other jewelry to prevent electrical shorts and entanglement in moving parts.



PROTECT AGAINST NOISE

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



DISPOSE OF WASTE PROPERLY

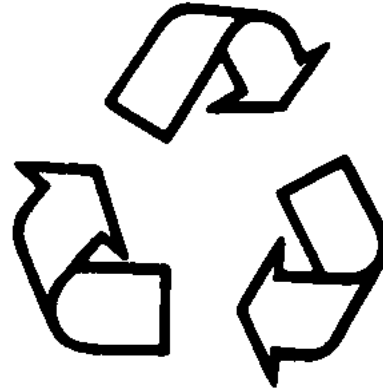
Improperly disposing of waste can threaten the environment and ecology. Potentially harmful waste used with agricultural equipment include such items as oil, fuel, coolant, brake fluid, filters, and batteries.

Use leakproof containers when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.

Do not pour waste onto the ground, down a drain, or into any water source.

Air conditioning refrigerants escaping into the air can damage the Earth's atmosphere. Government regulations may require a certified air conditioning service center to recover and recycle used air conditioning refrigerants.

Inquire on the proper way to recycle or dispose of waste from your local environmental or recycling center, or from your dealer.



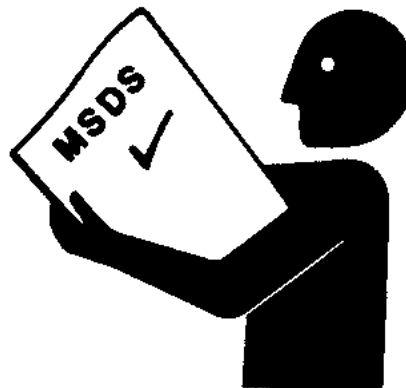
HANDLE CHEMICAL PRODUCTS SAFELY

Direct exposure to hazardous chemicals can cause serious injury. Potentially hazardous chemicals used with this equipment include such items as lubricants, coolants, paints, and adhesives.

A Material Safety Data Sheet (MSDS) provides specific details on chemical products: physical and health hazards, safety procedures, and emergency response techniques.

Check the MSDS before you start any job using a hazardous chemical. That way you will know exactly what the risks are and how to do the job safely. Then follow procedures and use recommended equipment.

(See your Oxbo dealer for MSDS's on chemical products used with Oxbo equipment.)



REMOVE PAINT BEFORE WELDING OR HEATING

Avoid potentially toxic fumes or dust.

Hazardous fumes can be generated when paint is heated by welding, soldering, or using a torch.

Remove paint before heating:

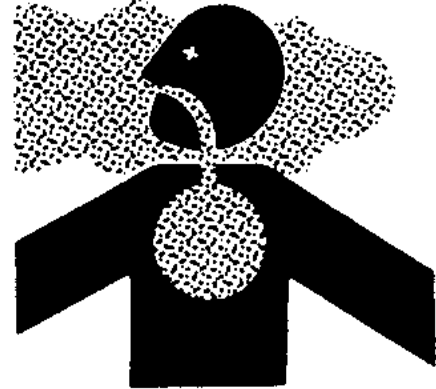
- Remove paint a minimum of 101 mm (4 in.) from area to be affected by heating. If paint cannot be removed, wear an approved respirator before heating or welding.
- If you sand or grind paint, avoid breathing the dust. Wear an approved respirator.
- If you use solvent or paint stripper, remove stripper with soap and water before welding. Remove solvent or paint stripper containers and other flammable material from area. Allow fumes to disperse at least 15 minutes before welding or heating.

Do not use chlorinated solvent in areas where welding will take place.

Repaint only after the weld area has cooled.

Do all work in an area that is well ventilated to carry toxic fumes and dust away.

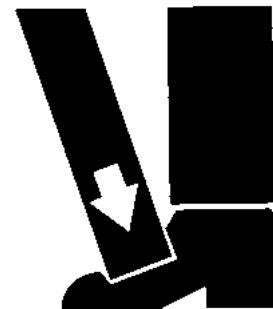
Dispose of paint and solvent properly.



USE PROPER LIFTING EQUIPMENT

Lifting heavy components incorrectly can cause severe injury or machine damage.

Follow recommended procedure for removal and installation of components in the manual.



USE PROPER TOOLS

Use tools appropriate to the work. Makeshift tools and procedures can create safety hazards.

Use power tools only to loosen threaded parts and fasteners.

For loosening and tightening hardware, use the correct size tools. DO NOT use U.S. measurement tools on metric fasteners or metric tools on U.S. measurement fasteners. Avoid bodily injury caused by slipping wrenches.

Use only service parts meeting Oxbo specifications.



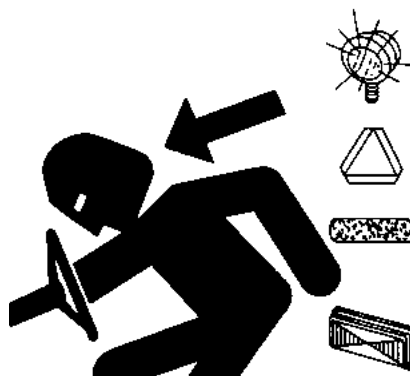
USE SAFETY LIGHTS AND DEVICES

Slow moving tractors, self-propelled equipment and towed implements or attachments can create a hazard when driven on public roads. They are difficult to see, especially at night. Avoid personal injury or death resulting from collision with a vehicle.

Flashing warning lights and turn signals are recommended whenever driving on public roads. To increase visibility, use the lights and devices provided with your machine. For some equipment, install extra flashing warning lights.

Be sure to observe local laws. It is the owners responsibility to install the proper lighting and warning devices to comply with local laws.

Keep safety items in good condition. Replace missing or damaged items.

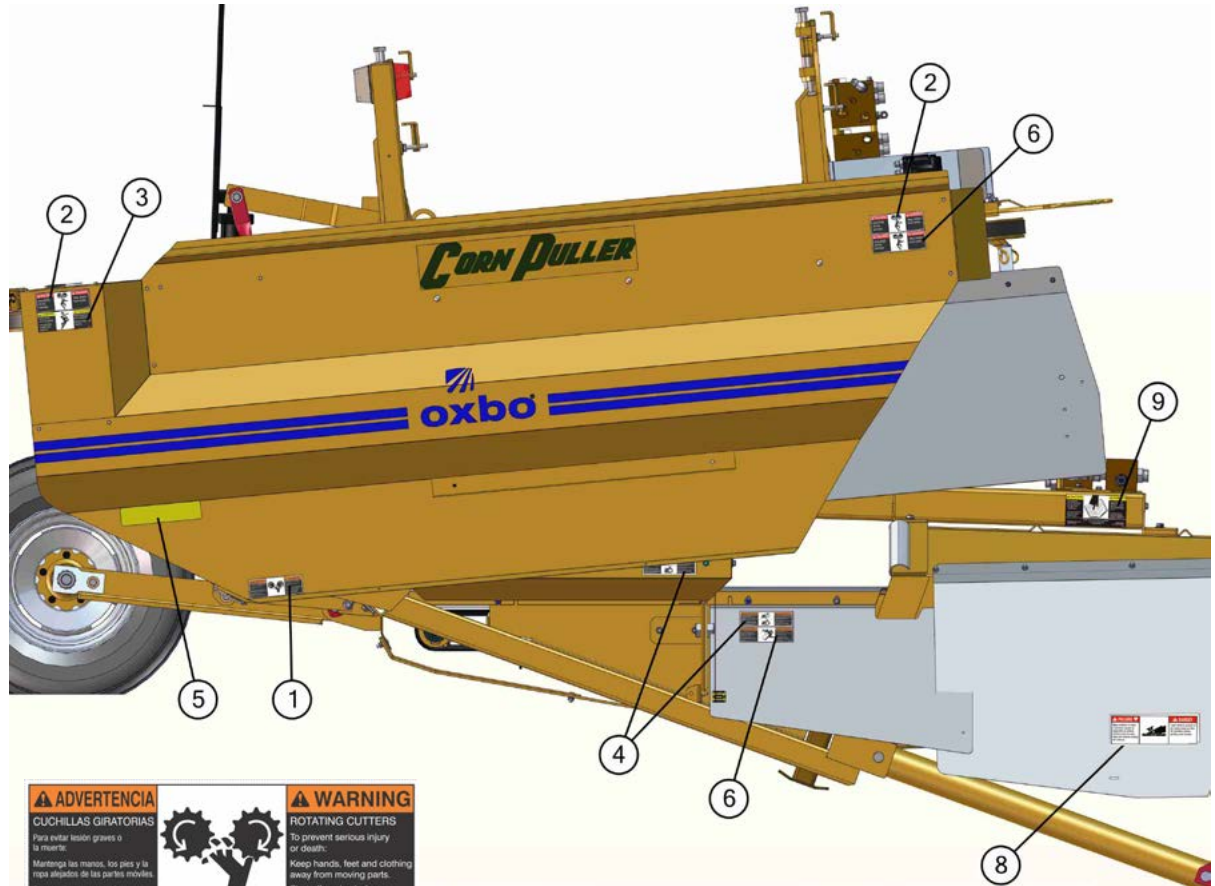


PLEASE NOTE:

In order to take the photographs required for this manual some of the shields and guards were removed. Oxbo International Corporation does not recommend operating this equipment with any shields and guards removed. Make sure all shields and guards are securely fastened in place before operating this equipment.

Safety Sign Locations

DOMESTIC



<p>ADVERTENCIA</p> <p>CUCHILLAS GIRATORIAS</p> <p>Para evitar lesionar gravemente a la maquina.</p> <p>Mantenga las manos, los pies y la ropa alejados de las partes móviles.</p> <p>Apague el motor antes de realizar el servicio de la maquina.</p>		<p>WARNING</p> <p>ROTATING CUTTERS</p> <p>To prevent serious injury or death:</p> <p>Keep hands, feet and clothing away from moving parts.</p> <p>Shut off engine before servicing the machine.</p>
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1. (92222)

<p>PELIGRO</p> <p>ALEJESE de las bandas.</p>		<p>DANGER</p> <p>Stay AWAY from belts.</p>
--	--	--

2. (92930)

<p>CAUIDADO</p> <p>Evite operar cerca de gente.</p> <p>Los cuchillos pueden tirar objetos.</p>		<p>CAUTION</p> <p>Avoid operating near bystanders.</p> <p>Blades may throw objects.</p>
---	--	--

3. (92932)

<p>ADVERTENCIA</p> <p>Evitar lesiones graves o muerte del operario.</p> <p>Mantenga todas las profesiones y servicios en su lugar.</p> <p>Apague el motor y asegure la maquina en su lugar antes de hacer los ajustes, limpiar o reemplazar los componentes.</p> <p>Mantenga las manos, pies y ropa lejos de las partes en movimiento.</p>		<p>WARNING</p> <p>Avoid machine injury or death from entanglement.</p> <p>Keep all guards and shields in place.</p> <p>Downright drive and shut off engine before servicing, adjusting or unplugging machine.</p> <p>Keep hands, feet and clothing away from moving parts.</p>
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4. (92639)

5. (90923) Reflector Kit
 10 Reflective strips:
 6 Yellow
 2 Red
 2 Orange

<p>ADVERTENCIA</p> <p>Los residuos que se desplazan por el aire constituyen un peligro que puede provocar lesiones personales.</p> <p>Manténgase alejado de la maquina hasta que se detenga el motor.</p>		<p>WARNING</p> <p>Flying debris is a hazard and can cause personal injury.</p> <p>Stay clear of the machine until engine is stopped.</p>
--	--	---

6. (92929)

<p>PELIGRO</p> <p>APAGUE motor antes de reparar o limpiar.</p>		<p>DANGER</p> <p>STOP engine to service or clean.</p>
--	--	---

7. (92931)

<p>PELIGRO</p> <p>Bajar cabezal al suelo o accionar equipo de seguridad en ambos cilindros del elevador antes de trabajar debajo del cabezal.</p>		<p>DANGER</p> <p>Lower head to ground or set safety stops on both lift cylinders before getting under header.</p>
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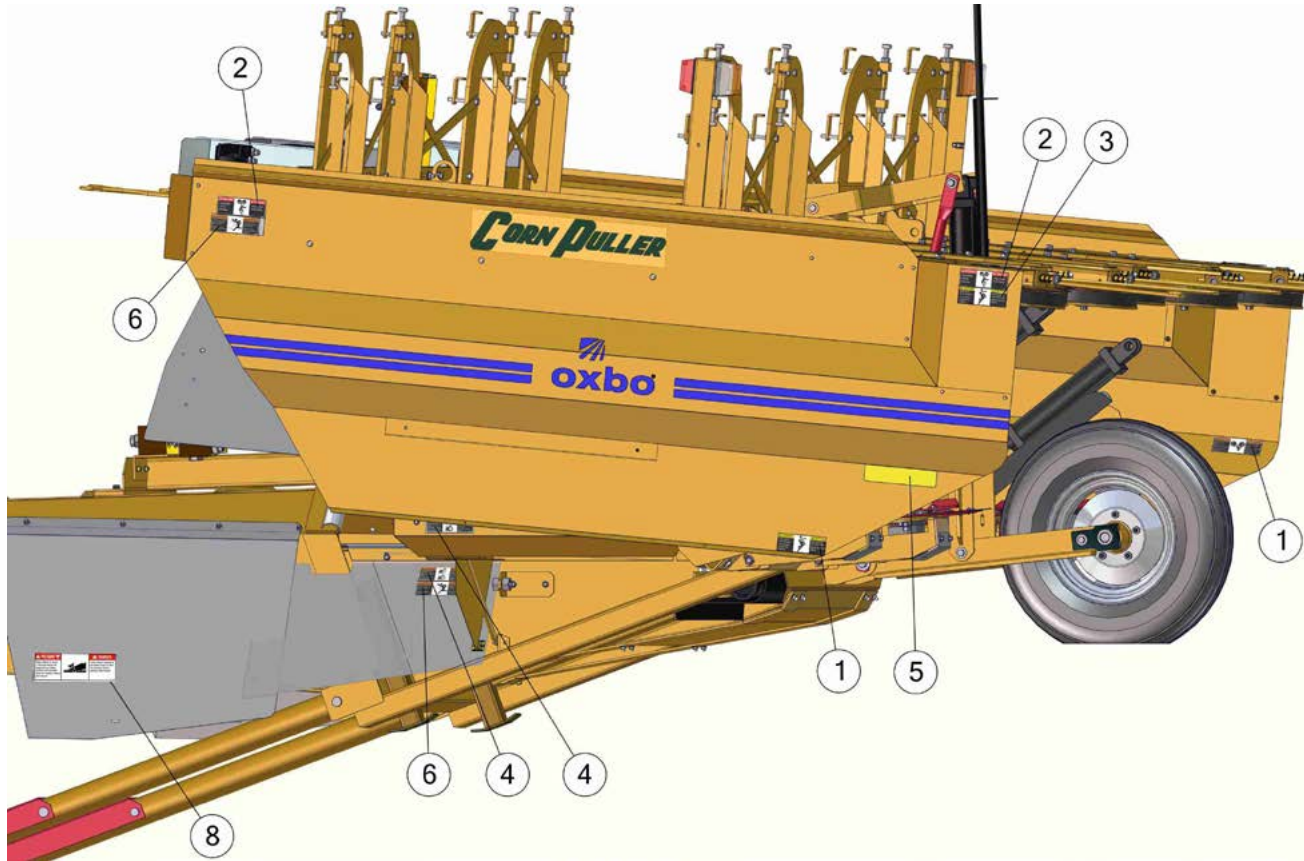
8. (3000-0343)

<p>CAUTION</p> <p>Read Operators Manual before operating this machine or any attachments mounted on it.</p> <p>If you do not have the Operators Manual please contact:</p> <p>OXBO International Corporation 278 Bushy Run Road Bushy Run, PA, U.S.A.</p>		<p>ATENCIÓN</p> <p>Lea el MANUAL DEL OPERADOR antes de operar la maquina o los accesorios montados en ella.</p> <p>Si usted no tiene el Manual de Operador por favor contacte a:</p> <p>OXBO International Corporation 278 Bushy Run Road Bushy Run, PA, U.S.A.</p>
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9. (90122)

Safety Sign Locations

Domestic cont'd.



ADVERTENCIA		WARNING
CUCHILLAS GIRATORIAS Para evitar lesiones graves o la muerte. Mantenga las manos, los pies y la ropa alejados de las partes móviles. Apague el motor antes de realizar el servicio de la máquina.		ROTATING CUTTERS To prevent serious injury or death. Keep hands, feet and clothing away from moving parts. Shut off engine before servicing the machine.

1. (92222)

5. (90923) Reflector Kit

- 10 Reflective strips:
- 6 Yellow
- 2 Red
- 2 Orange

PELIGRO		DANGER
ALEJESE de las bandas.		Stay AWAY from belts.

2. (92930)

ADVERTENCIA		WARNING
Los residuos que se desplazan por el aire constituyen un peligro que puede provocar lesiones personales. Manténgase alejado de la máquina hasta que se detenga el motor.		Flying debris is a hazard and can cause personal injury. Stay clear of the machine until engine is stopped.

6. (92929)

CUIDADO		CAUTION
Evite operar cerca de gente. Los cuchillos pueden tirar objetos.		Avoid operating near bystanders. Blades may throw objects.

3. (92932)

PELIGRO		DANGER
APAGUE motor antes de reparar o limpiar.		STOP engine to service or clean.

7. (92931)

ADVERTENCIA		WARNING
Evitar lesiones graves o muerte del operador. Mantenga todos los procedimientos y advertencias en su lugar. Apague el motor y asegure la transmisión en neutro antes de bajar un cilindro, regular o ajustar los cilindros. Mantenga las manos, pies y ropa lejos de las partes en movimiento.		Avoid serious injury or death from entrapment. Keep all guards and shields in place. Flatten rollers and adjust all weights before re-rolling, adjusting or realigning machine. Keep hands, feet and clothing away from moving parts.

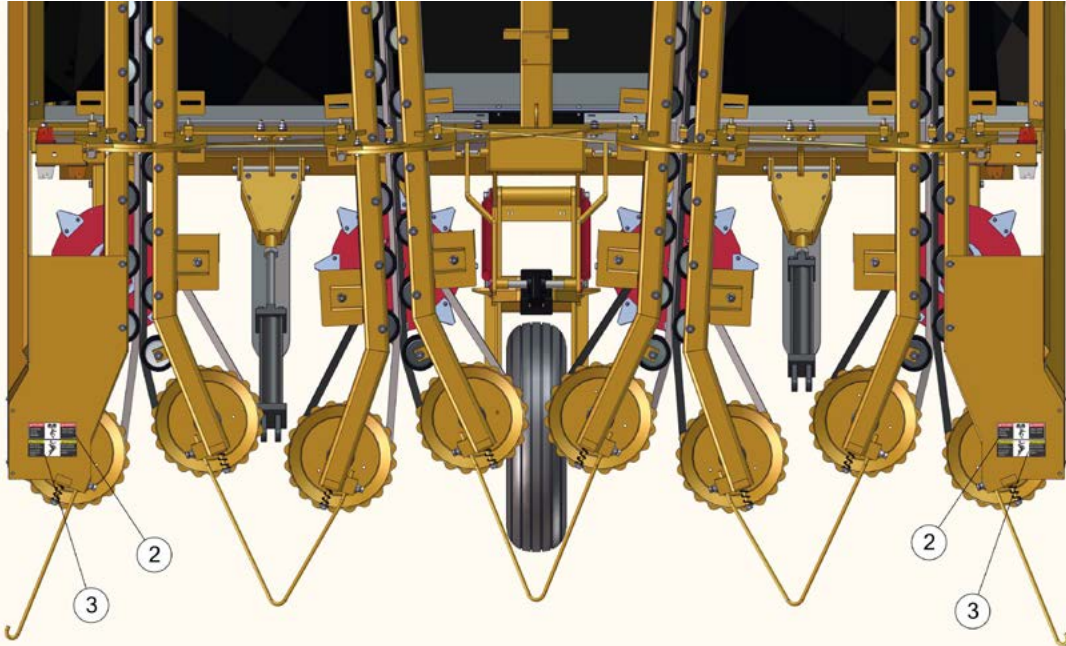
4. (92639)

PELIGRO		DANGER
Bajar cabezal al suelo o accionar equipo de seguridad en ambos cilindros del elevador antes de trabajar debajo del cabezal.		Lower head to ground or set safety stops on both lift cylinders before getting under header.

8. (3000-0343)

Safety Sign Locations

Domestic cont'd.



2. (92930)



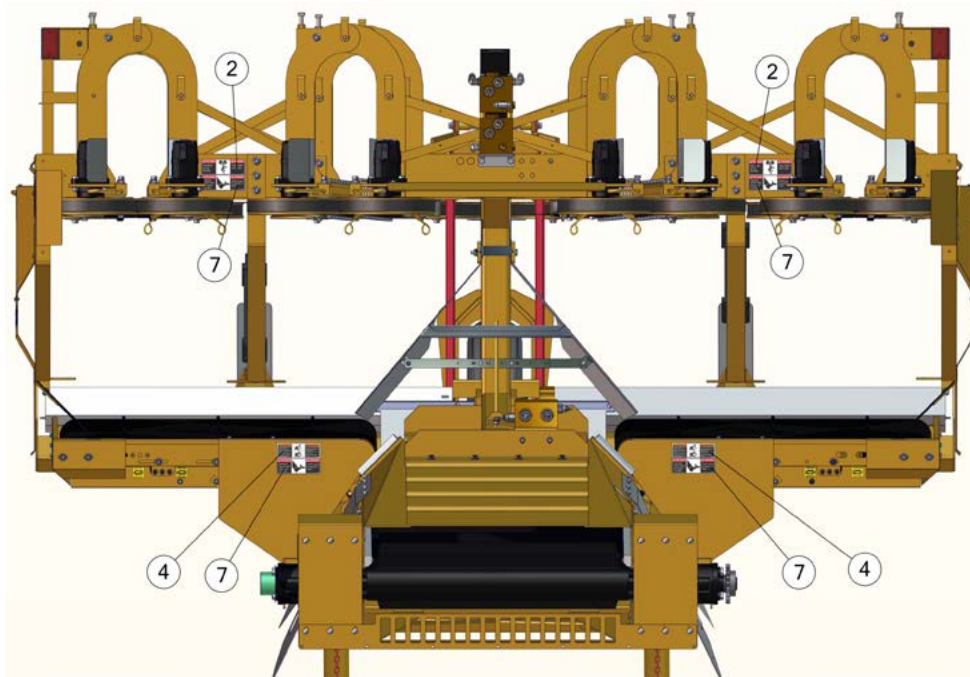
4. (92639)



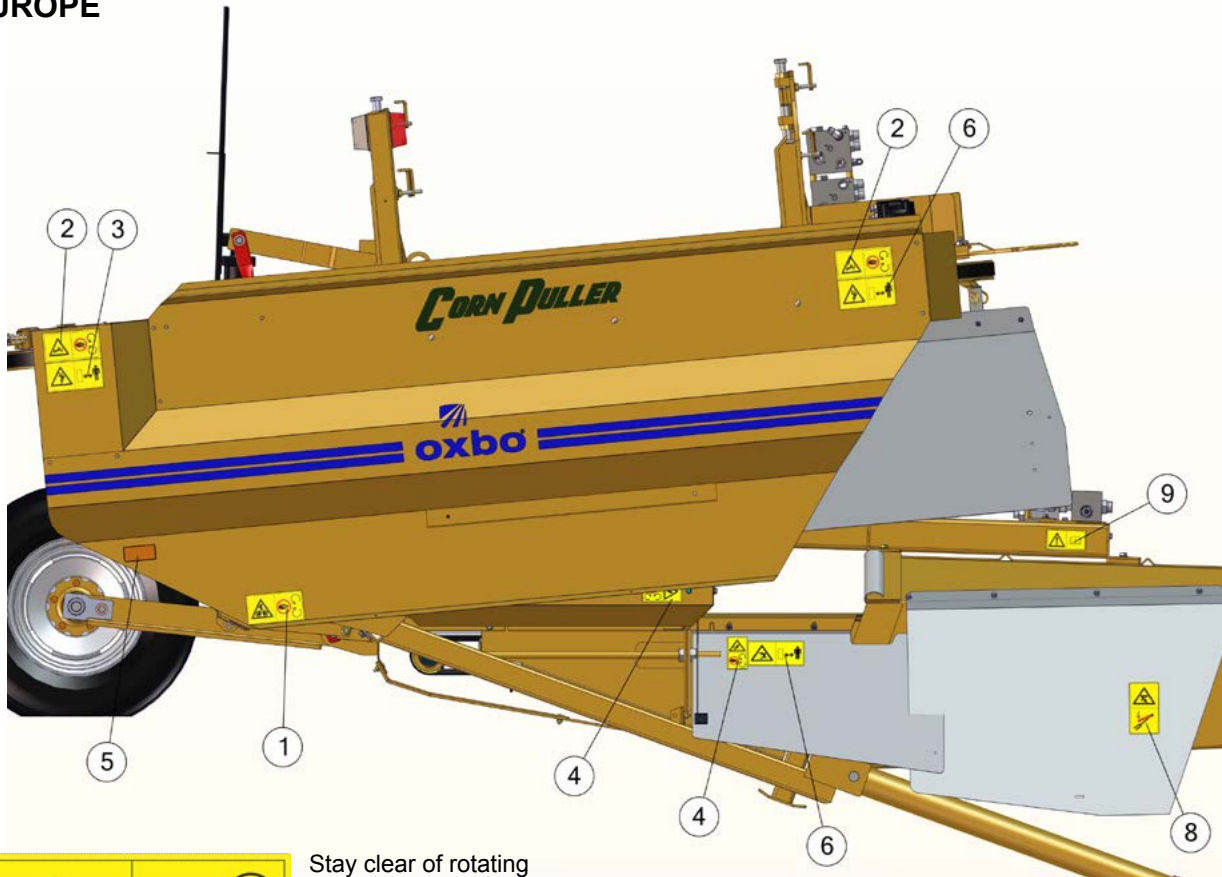
3. (92932)



7. (92931)



EUROPE



Stay clear of rotating cutters.

1. (92969)

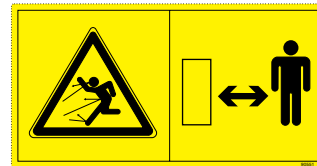


5. (91025) Reflector



Danger - thrown objects; keep safe distance from the machine as long as the engine is running.

2. (92970)



Danger - flying objects; keep safe distance from the machine as long as the engine is running.

6. (90551)



Stay clear of rotating machine parts.

3. (90538)



Secure lifting cylinder with locking device before getting in hazardous area.

8. (90535)



Do not open or remove safety shields while engine is running.

4. (90623)

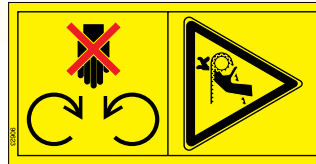
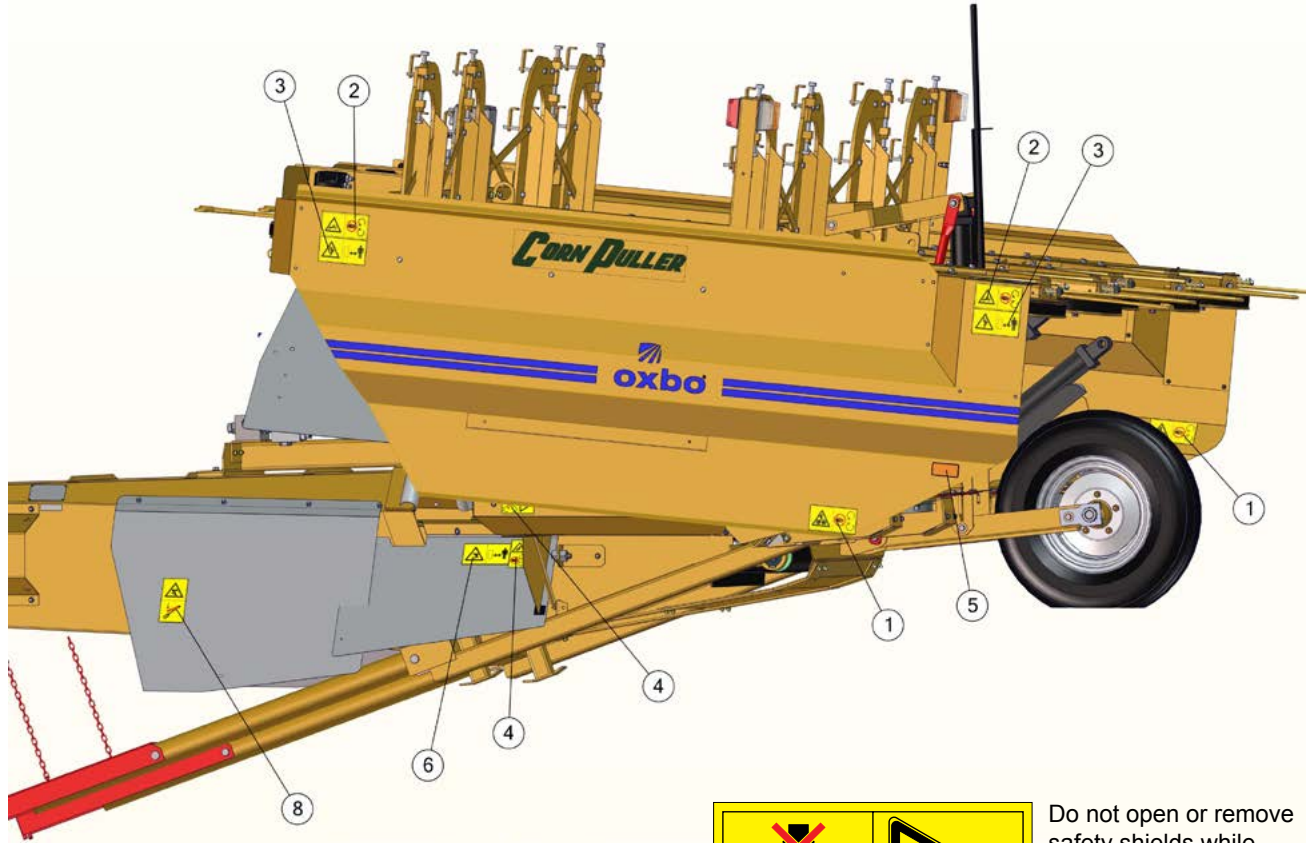


Carefully read operator's manual before handling the machine. Observe instructions and safety rules when operating.

9. (90532)

Safety Sign Locations

Europe cont'd.



Do not open or remove safety shields while engine is running.

4. (90623)



Stay clear of rotating cutters.

1. (92969)

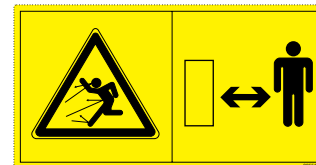


5. (91025) **Reflector**



Danger - thrown objects; keep safe distance from the machine as long as the engine is running.

2. (92970)



Danger - flying objects; keep safe distance from the machine as long as the engine is running.

6. (90551)



Stay clear of rotating machine parts.

3. (90538)

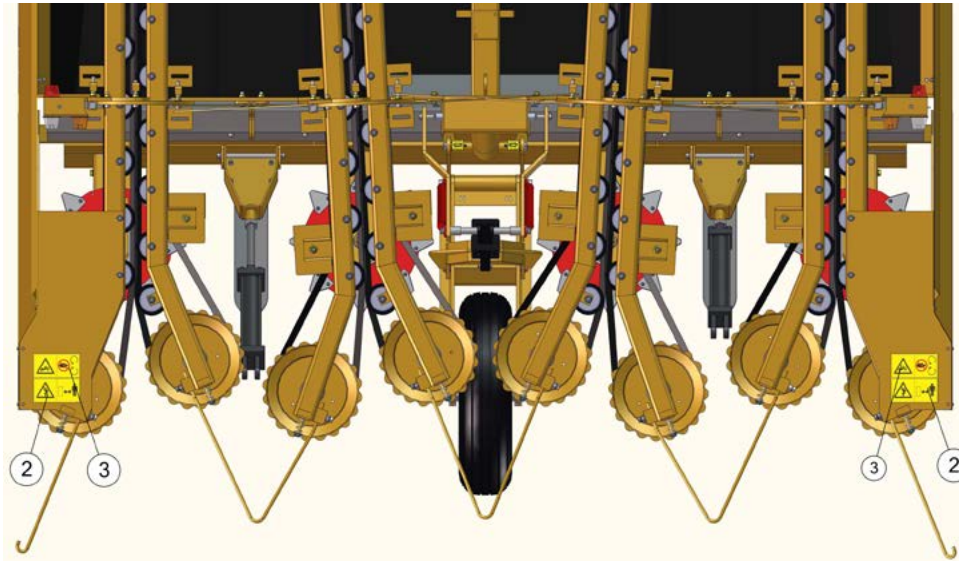


Secure lifting cylinder with locking device before getting in hazardous area.

8. (90535)

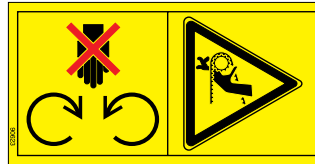
Safety Sign Locations

Europe cont'd.



Danger - thrown objects; keep safe distance from the machine as long as the engine is running.

2. (92970)



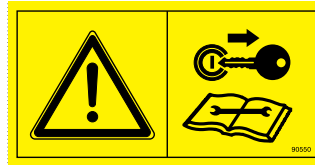
Do not open or remove safety shields while engine is running.

4. (90623)



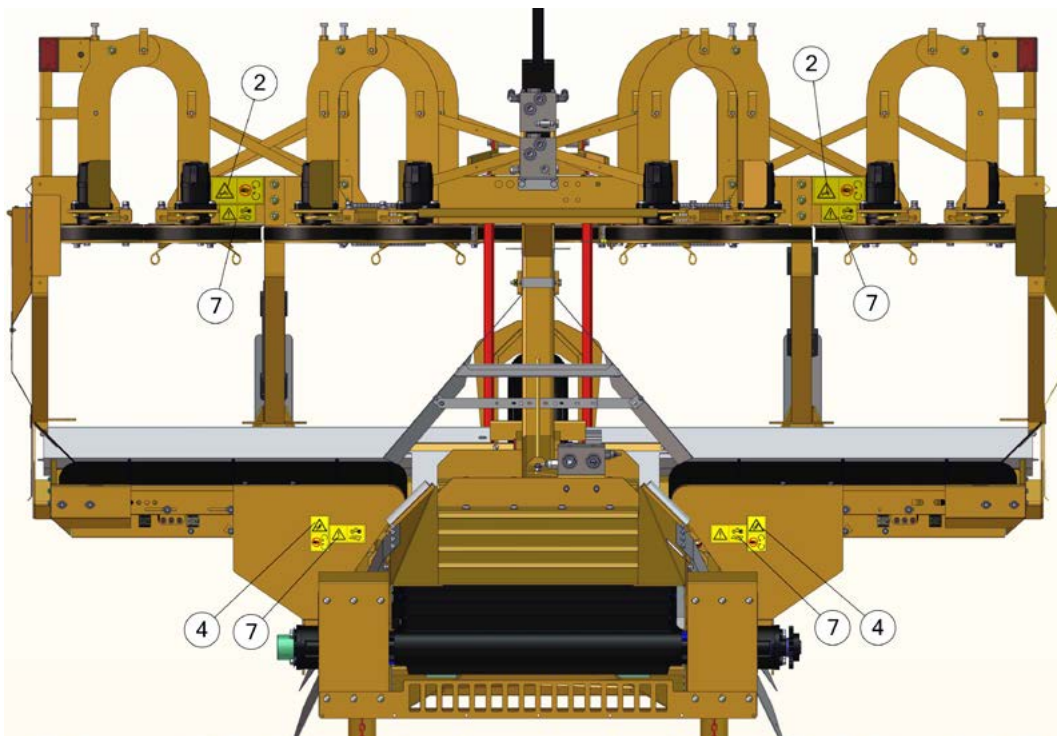
Stay clear of rotating machine parts.

3. (90538)



Shut off engine and remove key before performing maintenance or repair work.

7. (90550)

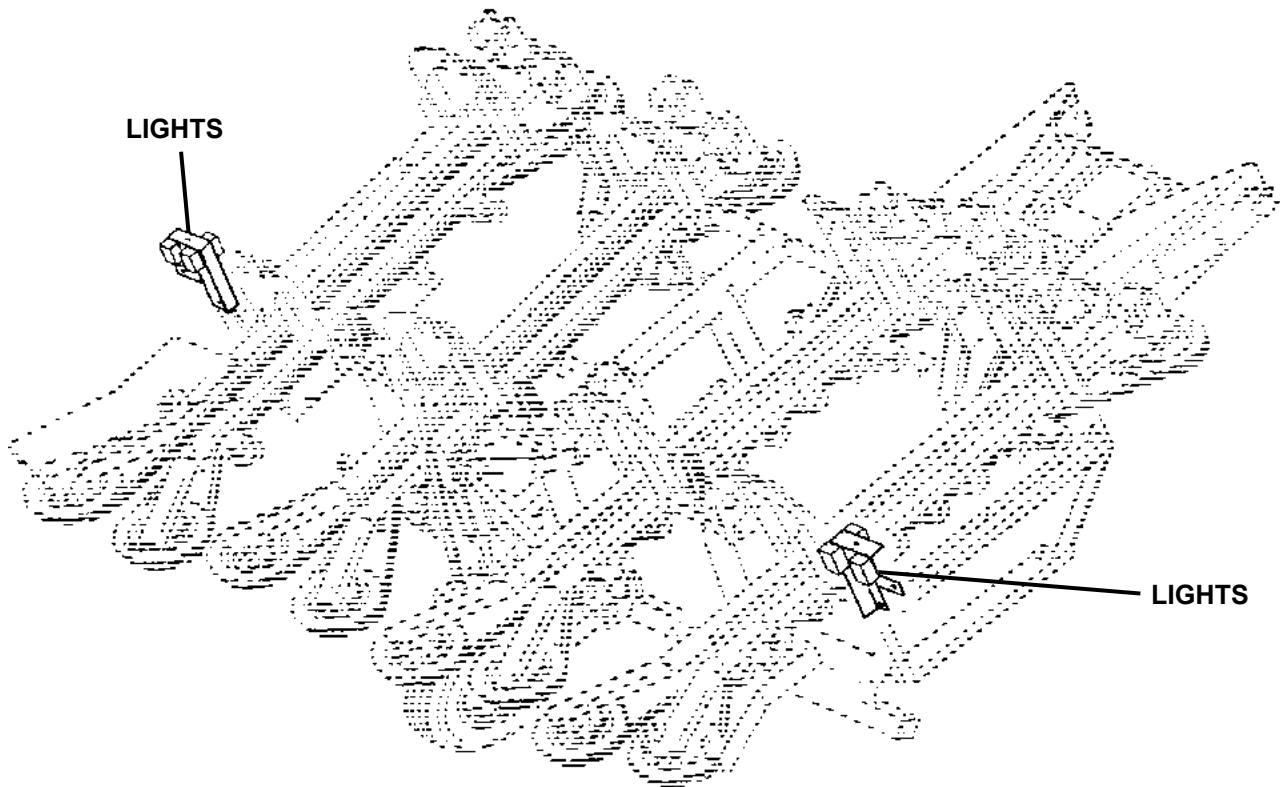


Road Lights

HEAD LIGHTS & AMBER FLASHING LIGHTS

The head lights should be turned on for road travel. The flashing amber road lights are also used as turn signals. The head lights are transferable from the harvester chassis to the corn puller. With the head lights mounted on the corn puller, nighttime visibility is improved.

NOTE: If head lights are left on the chassis light will reflect off the gathering belt arches back into the cab, reducing operator visibility.



MSDS Documents

Material Safety Data Sheets are intended to provide workers with instructions for the safe use and potential hazards associated with a particular material or product.

MSDS documents are available upon request from your Oxbo International dealer.

Unloading & Mounting

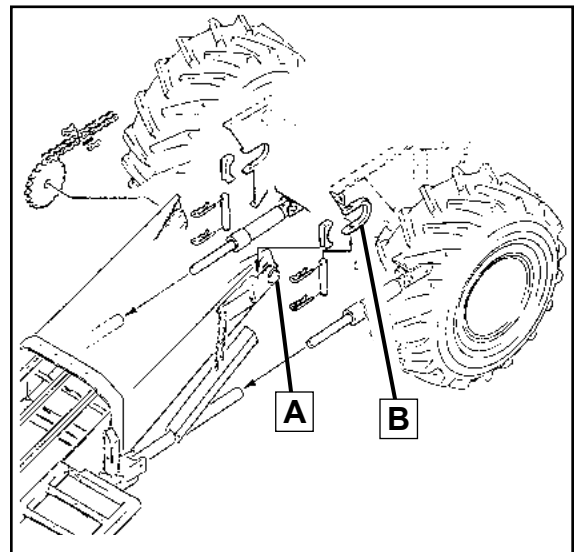
As soon as the truck arrives with the corn puller, check the corn puller for damaged or missing parts and file the appropriate claims with the carrier if necessary.

With the trailer on level ground remove all hold-down chains and binders holding the corn puller to the trailer. Using a forklift of adequate size remove the corn puller from the truck trailer and place it on firm level ground with ample room to maneuver the harvester into position behind the corn puller.

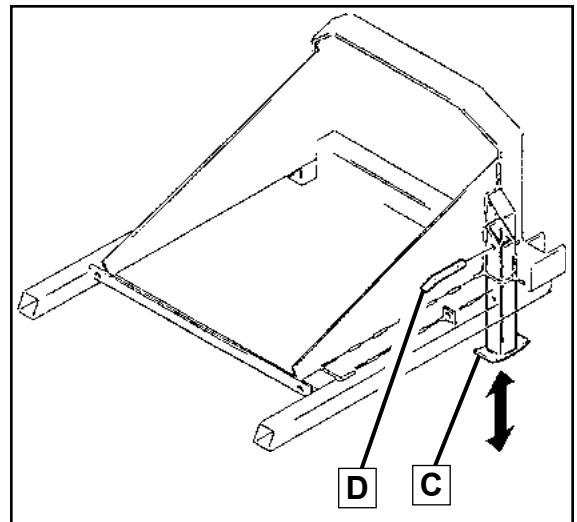
ATTACHING CORN PULLER TO HARVESTER

Start the harvester engine and drive it up to the rear of the corn puller.

Lift corn puller so that the feeder house pivots (A) are directly in front of the pivot openings (B) in the harvester.



Readjust jack stands (C) so that they are resting on the ground and reinsert leg pins (D).

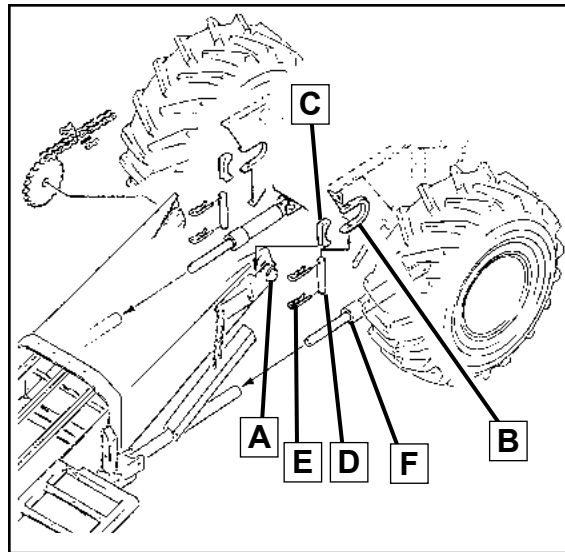


Unloading & Mounting

Slowly drive the harvester forward until the feeder house pivots (A) seat into the harvester's pivot openings (B).

Install the shoes (C) and then install the retaining pins (D) and pin clips (E) on both sides of the corn puller.

Insert the harvester's lift cylinders (F) into the corn puller's lift tubes.



HYDRAULIC CONNECTIONS



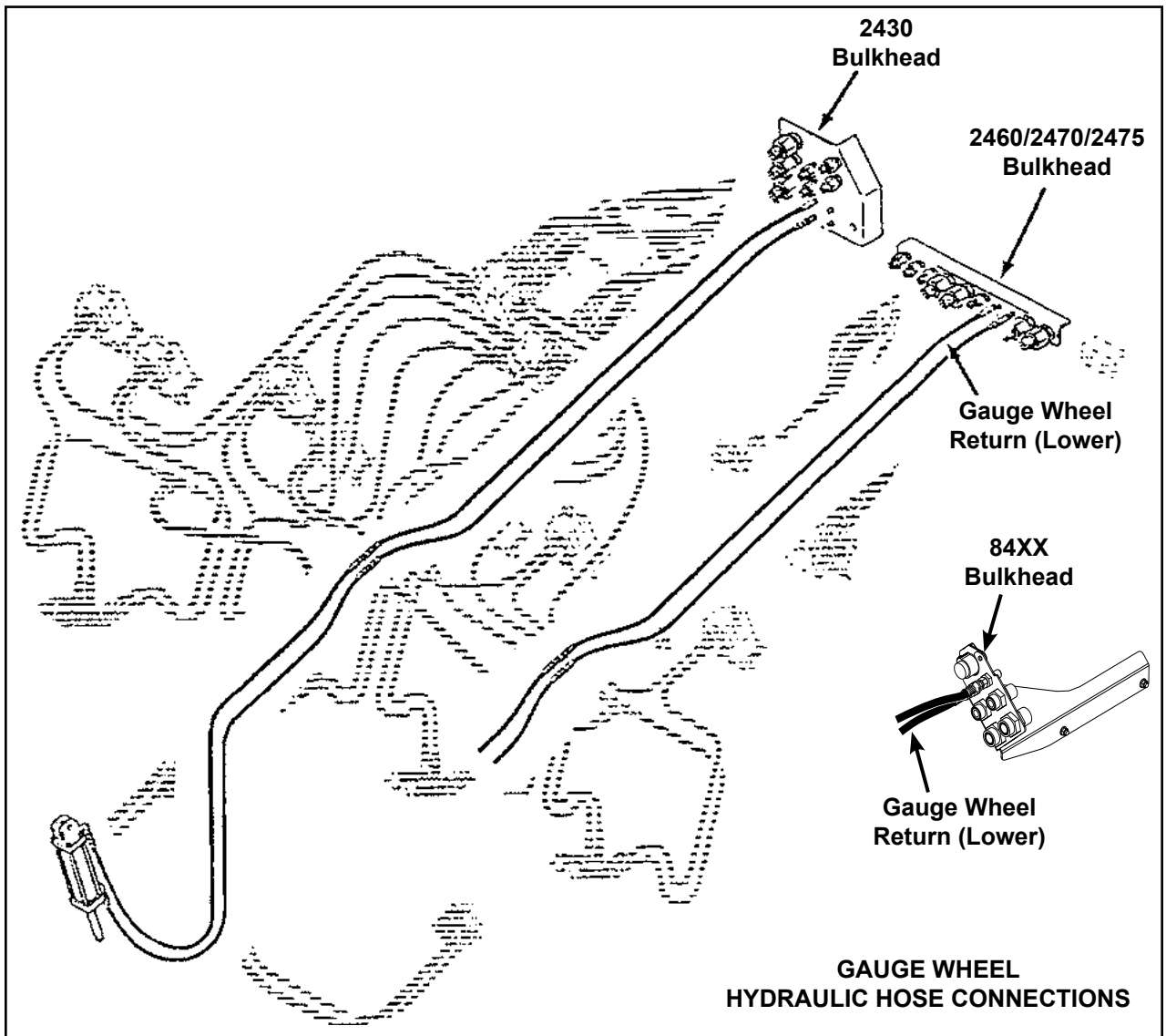
DANGER: ALWAYS SHUT OFF ENGINE BEFORE CONNECTING ANY HYDRAULIC HOSES



WARNING: HYDRAULIC FLUID ESCAPING UNDER PRESSURE CAN PENETRATE THE SKIN CAUSING SERIOUS INJURY. IF ANY FLUID IS ACCIDENTLY INJECTED UNDER THE SKIN IT MUST BE SURGICALLY REMOVED BY A DOCTOR WITHIN A FEW HOURS OR GANGRENE MAY RESULT.

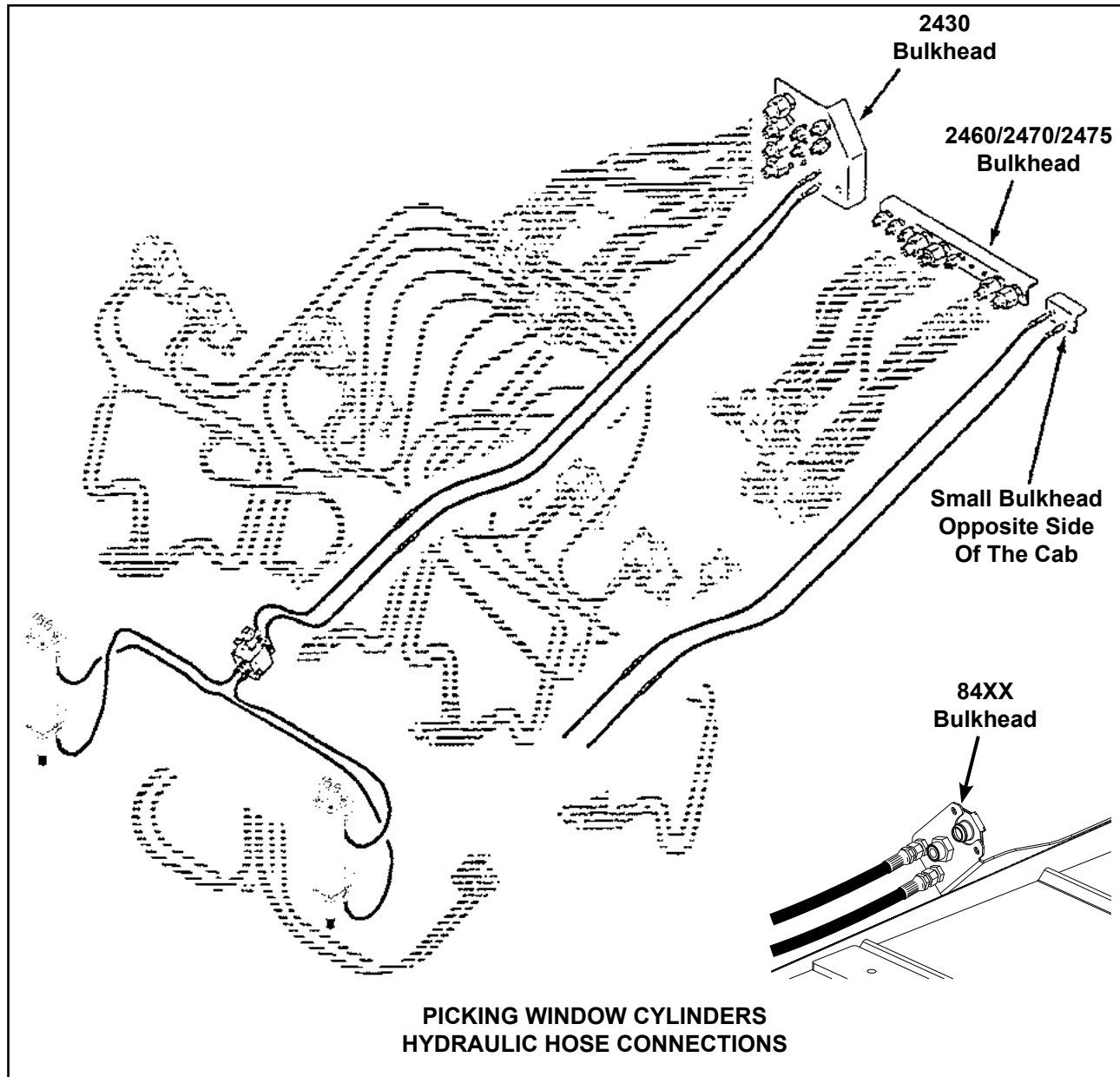
IMPORTANT: WHENEVER IT IS NECESSARY TO DISCONNECT ANY HYDRAULIC LINE OR COMPONENT, TAKE EXTREME CARE NOT TO ALLOW ANY DIRT TO ENTER THE SYSTEM. CLEAN AREA THOROUGHLY BEFORE BREAKING THE CONNECTION.

Connect the gauge wheel hydraulic hoses as shown.



Unloading & Mounting
Hydraulic Connections cont'd.

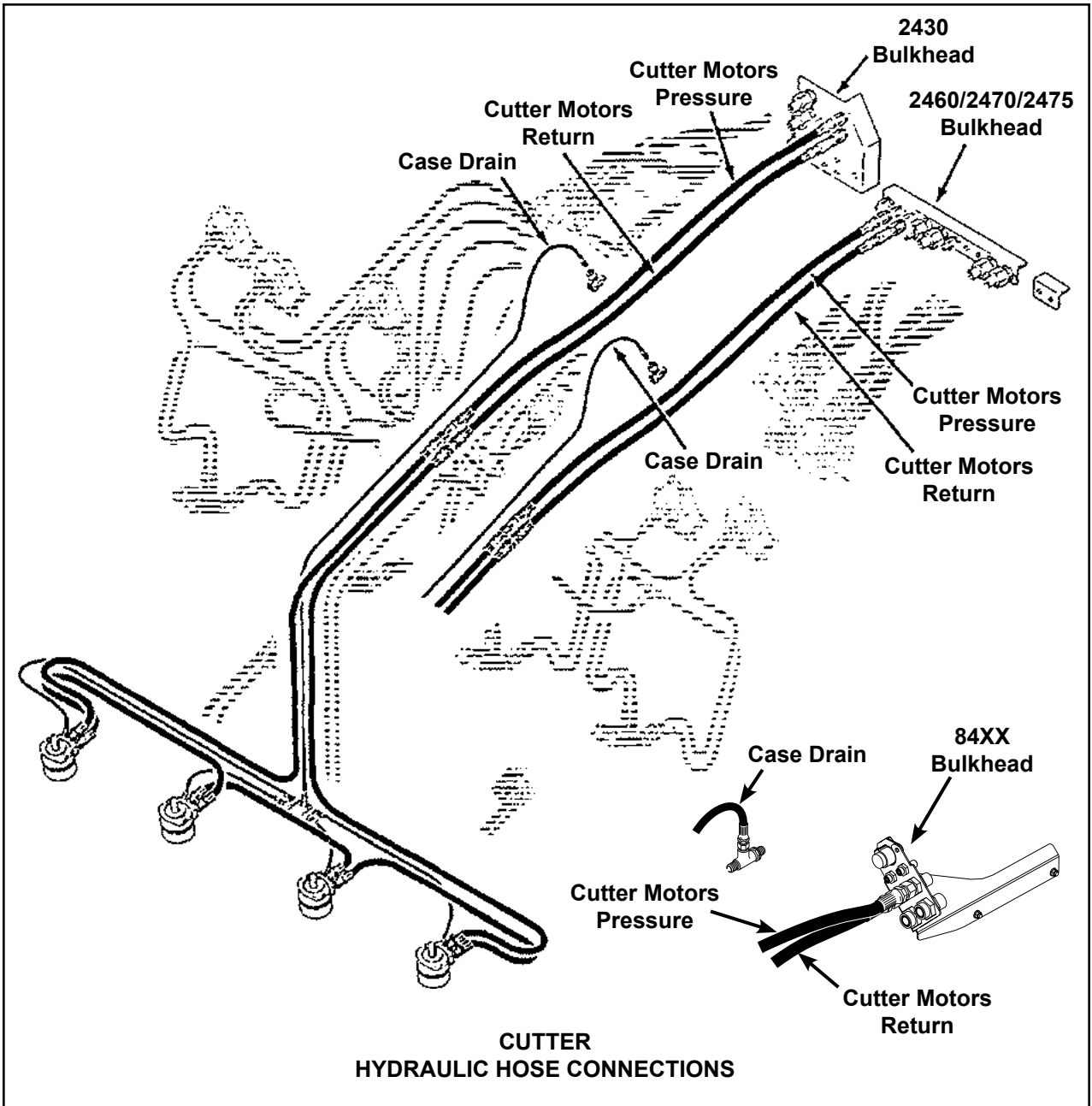
Connect the cylinder hoses as shown.



Unloading & Mounting

Hydraulic Connections cont'd.

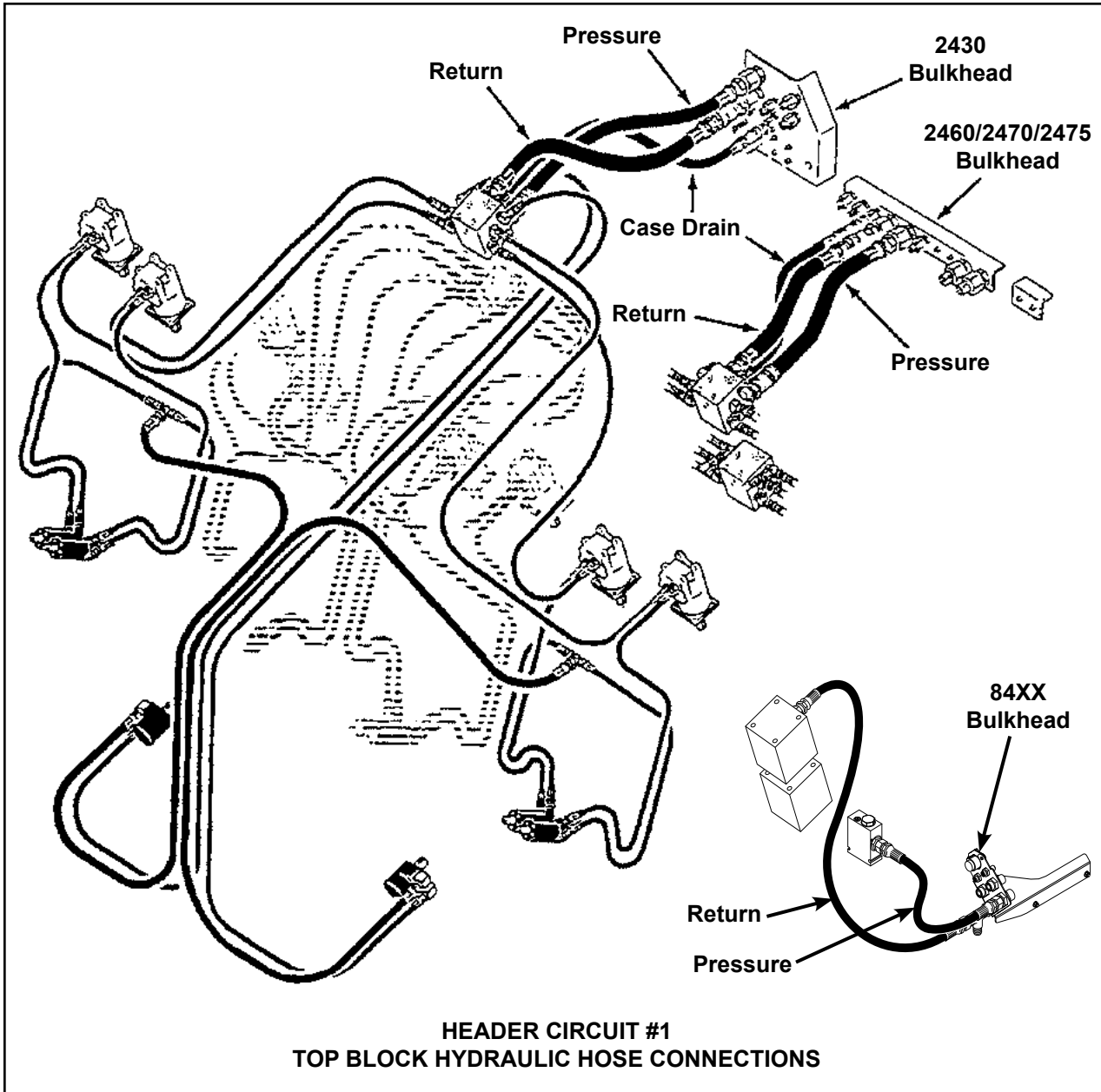
Connect the cutter hydraulic hoses as shown.



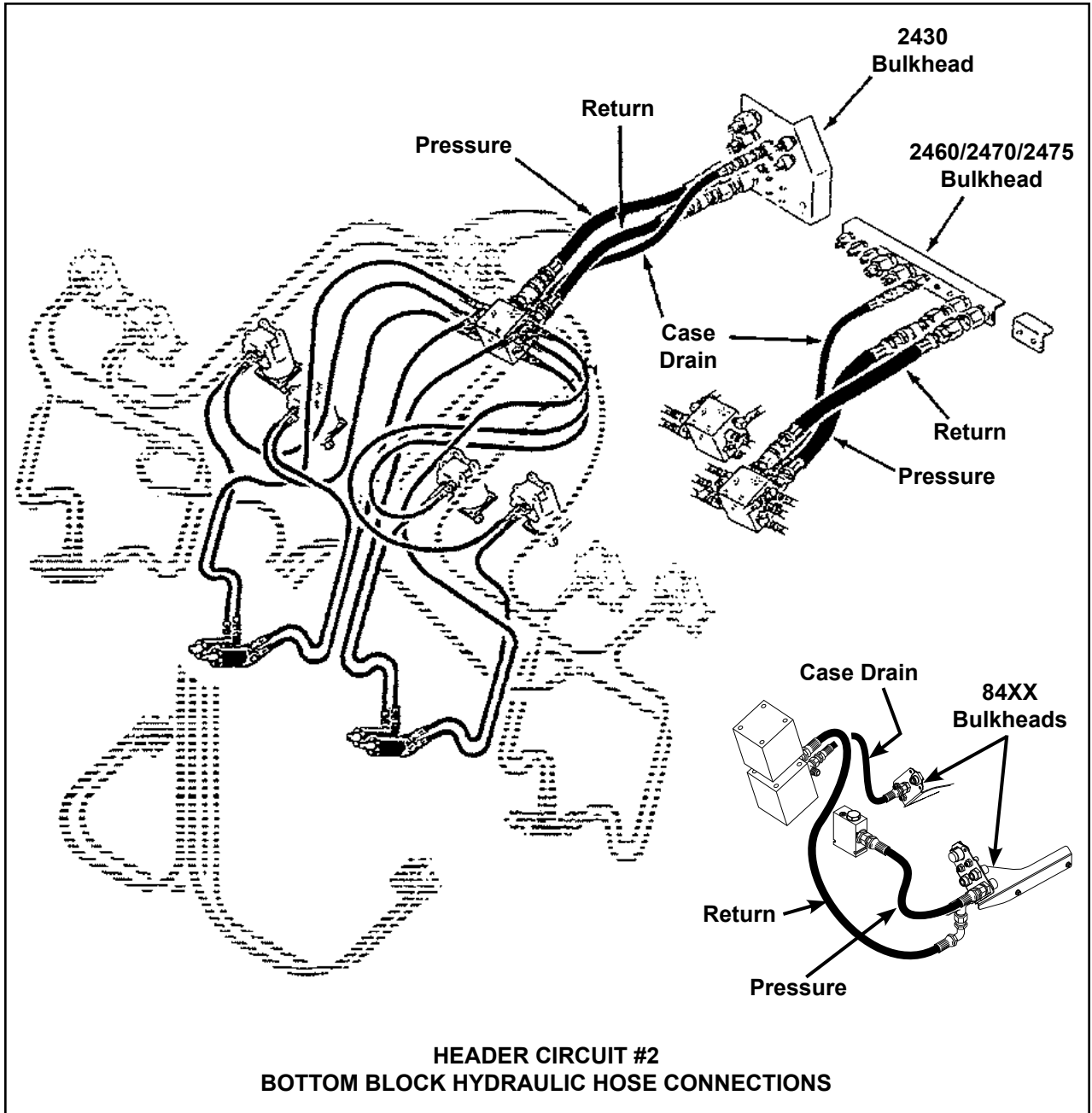
Unloading & Mounting

Hydraulic Connections cont'd.

Connect the header hydraulic hoses for circuit #1 as shown
(Top block hose connection)



Connect the header hydraulic hoses for circuit #1 as shown
(Bottom block hose connection).



ELECTRICAL CONNECTION

CONNECTING WIRE HARNESS

Connect the wire harness plug to the harvester's electrical receptacle.

Operation

COMPONENT SYNCHRONIZATION

CORN PULLER SPEED

Synchronization of the speed (rpm) of the corn puller (gathering belts, stripper rollers and cross conveyors) and the forward ground speed (mph - km/h) of the harvester is essential for successful operating and harvesting results.

IMPORTANT: CORN PULLER SPEED MUST BE EQUAL TO THE HARVESTER GROUND SPEED.

For example: A corn puller speed of 100 rpm will yield a corn puller speed of 1.0 mph (1.6 km/h). A corn puller speed of 150 rpm will yield a corn puller speed of 1.5 mph (2.5 km/h) and so on. Always operate the corn puller with this in mind.

Use the following table as a reference:

<u>Corn Puller rpm</u>	<u>Corn Puller Speed</u>	<u>Forward Ground Speed</u>
100 rpm	1.0 mph	1.0 mph (1.6 km/h)
200 rpm	2.0 mph	2.0 mph (3.2 km/h)
300 rpm	3.0 mph	3.0 mph (4.8 km/h)
400 rpm	4.0 mph	4.0 mph (6.4 km/h)
500 rpm	5.0 mph	5.0 mph (8.0 km/h)

FORWARD GROUND SPEED

Forward ground speed is a critical part of the successful recovery of the sweet corn. Forward ground speed must be adjusted according to the field conditions, crop conditions and terrain.

Remember: Too much corn puller rpm plus a too fast harvester mph equals excessive broken and damaged product.

Use the following table as a reference:

<u>Harvester Engine</u>	<u>Harvesting Speed</u>	
<u>Corn Puller rpm = Corn Puller Speed</u>		
1900 rpm	1.0 mph (1.6 km/h)	100 rpm = 1.0 mph (1.6 km/h)
1900 rpm	2.0 mph (3.2 km/h)	200 rpm = 2.0 mph (3.2 km/h)
1900 rpm	3.0 mph (4.8 km/h)	300 rpm = 3.0 mph (4.8 km/h)
1900 rpm	4.0 mph (6.4 km/h)	400 rpm = 4.0 mph (6.4 km/h)
1900 rpm	5.0 mph (8.0 km/h)	500 rpm = 5.0 mph (8.0 km/h)

FIELD OPERATION

Start harvester engine and bring it up to 1200 rpm.

IMPORTANT: ALWAYS START THE CORN PULLER AT LOW ENGINE RPM. THIS HELPS TO REDUCE STRESS ON THE COMPONENTS OF THE CORN PULLER.

Engage the cutters, feeder house and cross conveyors.

Bring engine speed up to 1900 rpm.

Engage harvester functions (cleaning fans, elevators, etc.).

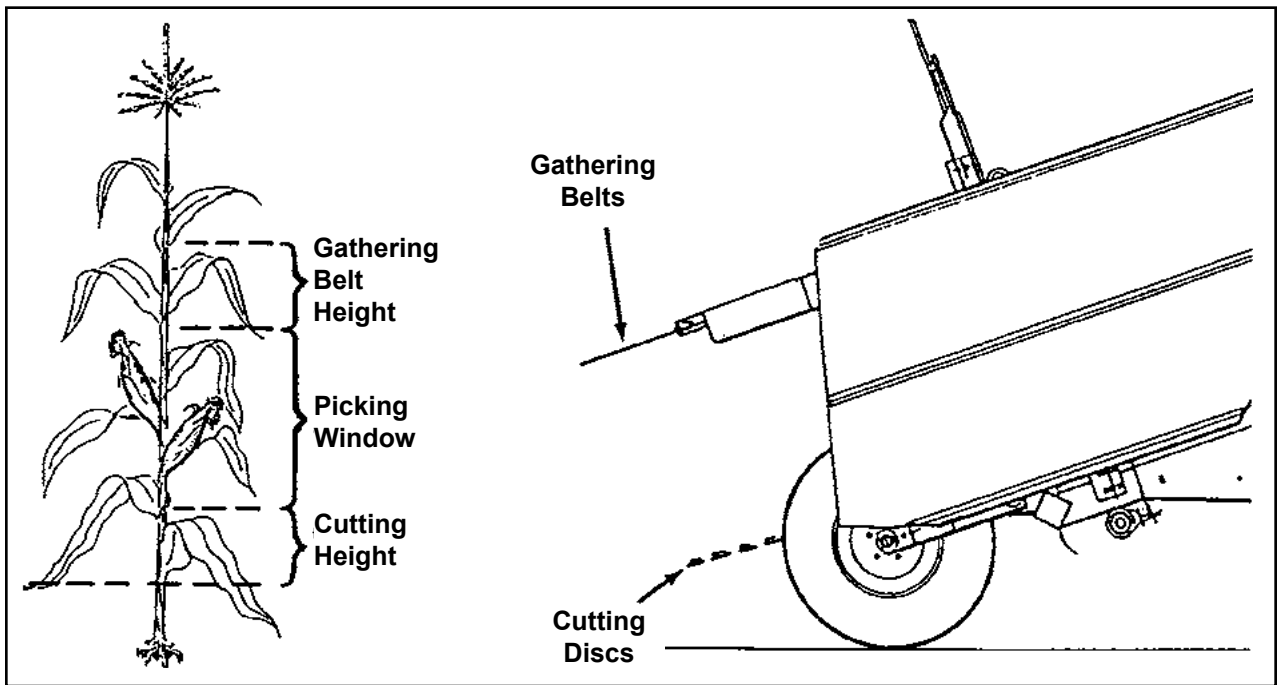
Adjust the speed of the corn puller to 150 rpm.

Adjust the speed of the cutters, feeder house and cross conveyors to allow an even distribution of sweet corn into the harvester's dump box.

Watch the condition of the product while harvesting. To obtain the best product condition, properly adjust the corn puller flotation, picking window height, cutter height, cutter speed, corn puller speed, gathering belt speed, cleaning fans speed, engine speed and forward ground speed while harvesting.

GROUND ADJUSTMENTS

Corn puller ground adjustments should be set so that the ears of corn are in the "picking window" as shown in the diagram below.



Settings & Adjustments



WARNING: NEVER SERVICE, LUBRICATE, ADJUST OR PERFORM ANY MAINTENANCE ON THE HARVESTER WHILE THE POWER UNIT ENGINE IS RUNNING. ALWAYS LOCK THE POWER UNIT'S MASTER DISCONNECT SWITCH IN THE OFF POSITION BEFORE PERFORMING SERVICE OR MAINTENANCE. FAILURE TO COMPLY COULD RESULT IN PERSONAL INJURY OR DEATH.

STALK GUIDES

Principle of Operation:

The inside and outside points of the stalk guides direct and gather the corn stalks. The inside and outside points should separate the rows of corn and direct the stalks into the gathering belts of the row being picked.

At the rear of each gathering belt assembly there are also adjustable rear guide rails that direct the harvested corn stalks under the wheels of the harvester.

Adjustment:



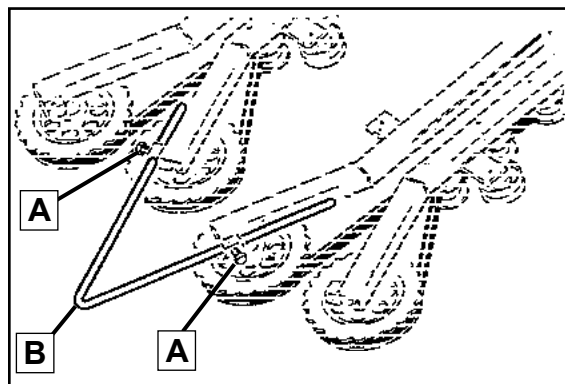
WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON STALK GUIDES. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER.

Adjust the front stalk guides as follows:

1. Loosen the lockbolts (A).
2. Move the stalk guide (B) to desired position.

NOTE: There is a minimal amount of adjustment available at the rear of each stalk guide using the lockbolts.

3. Retighten the lockbolts.



Settings & Adjustments

Stalk Guides cont'd.

Adjust the rear guide rails as follows:

1. Loosen the lockbolts (C).
2. Move the guide rails (D) to desired position.

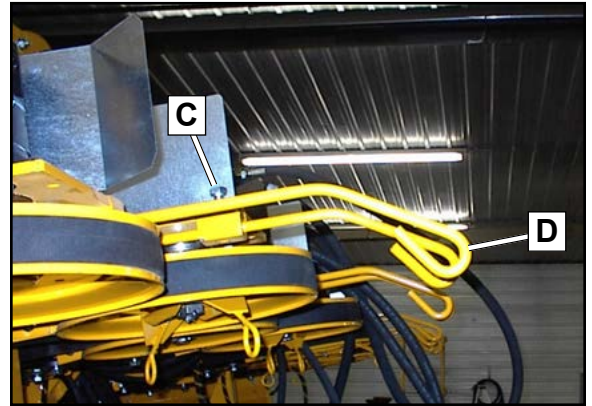
NOTE:

- a. Each set should be even with each other.
- b. Set the outside rails so they are turned slightly inward.
- c. Set the inside rails so they are straight down.

3. Retighten the lockbolts.

NOTE: It may be necessary to experiment with the rear guide rail adjustment until the guides properly direct the corn stalk debris towards the wheels of the corn puller.

IMPORTANT: DO NOT EXTEND THE REAR GUIDE RAILS IN LINE WITH THE CAB WINDSHIELD. DOING SO MAY CAUSE CONTACT WITH THE WINDSHIELD WHEN TRAVELING OVER ROUGH TERRAIN OR WHEN LOADING AND CAN DAMAGE OR BREAK THE WINDSHIELD.



CUTTING DISCS

Principle of Operation

The cutting disc assemblies cut the corn stalks as they enter the gathering belt frames.

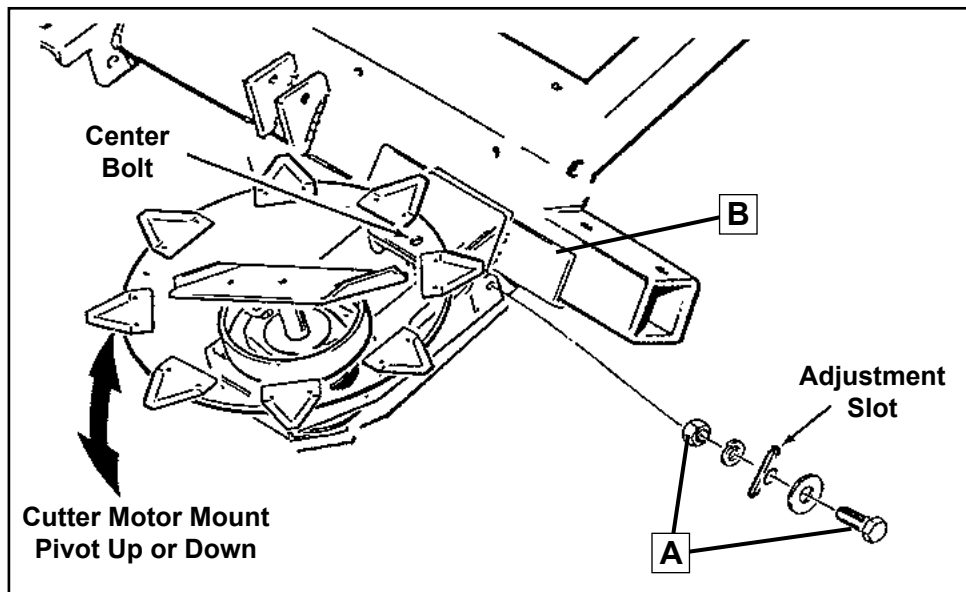


WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON CUTTERS. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER. FAILURE TO COMPLY COULD CAUSE PERSONAL INJURY OR DEATH.

Adjustment:

Adjust the front or cutter motor mounts as follows:

1. Loosen the bolt and nut (A).
2. Install a wedge (B) to pivot the cutter motor mount up or down as required to achieve the correct cutting height.
3. Retighten the bolt and nut.



GATHERING BELT TENSION

Principle of Operation

The gathering belts keep the stalks upright and guides them through the row frame.



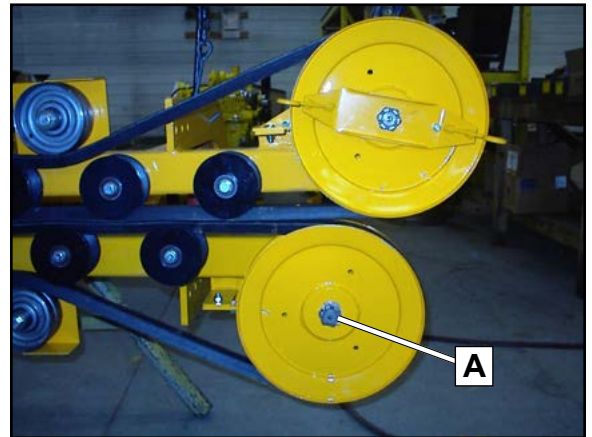
WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON GATHERING BELTS. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER. FAILURE TO COMPLY COULD CAUSE PERSONAL INJURY OR DEATH.

Adjustment:

Adjust gathering belt tension as follows:

1. Loosen the idler pulley center bolt (A).

NOTE: Swing the guide rails out of the way for better access to the gathering belts.



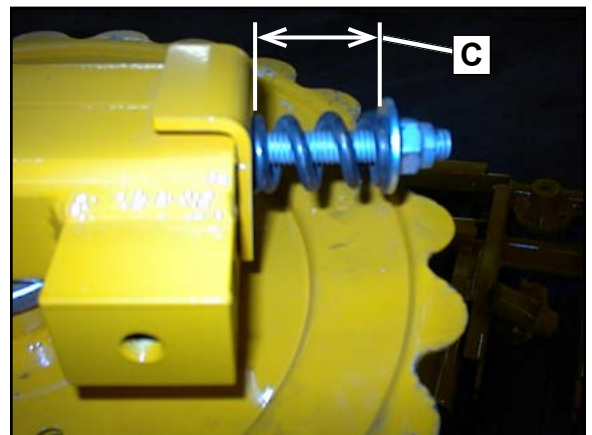
2. Turn the locknut (B) clockwise to tighten belt or counterclockwise to loosen belt.

Adjust the belt tension so the belt rotates under load and doesn't slip. **Do not over tighten.** The gathering belt tension should not run any tighter than necessary to prevent undo stress or twist and roll over on the pulleys.



Proper belt tension is achieved when the tension spring (C) is at 1-7/8 in. (4.76 cm).

3. Retighten the idler pulley center bolt.

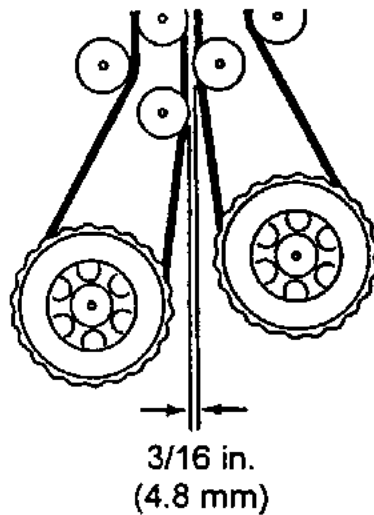


GATHERING BELT GRIP (PINCH)

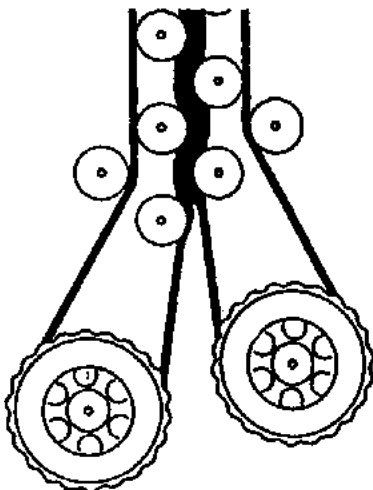
PRINCIPLE OF OPERATION

The gathering belt grip is the contact pressure between the gathering belts as shown below. The gathering belt grip (pinch) adjustment allows the belts to be closer or further away from each other. Larger diameter stalks may require the gathering belts to be adjusted further apart.

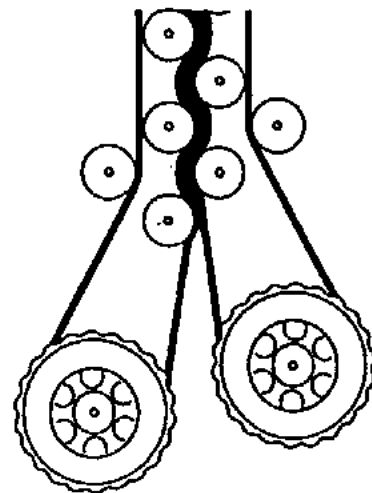
If the gathering belt grip is adjusted too tight, the belts will grip the stalks too tightly. This will twist the stalk as it passes through the gathering belts and stripper rollers and possibly damage the harvested corn.



**Gathering Belt Grip (Pinch) Area
(distance between pulley flanges)**



**Correct Amount of Pinch
Slight Snake Appearance**



**Incorrect Amount of Pinch
(too much)**

Gathering Belt Grip (Pinch) cont'd.

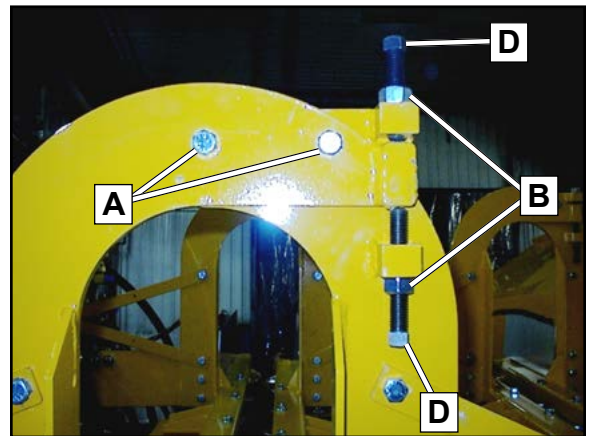


WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON GATHERING BELTS. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER.

ADJUSTMENT

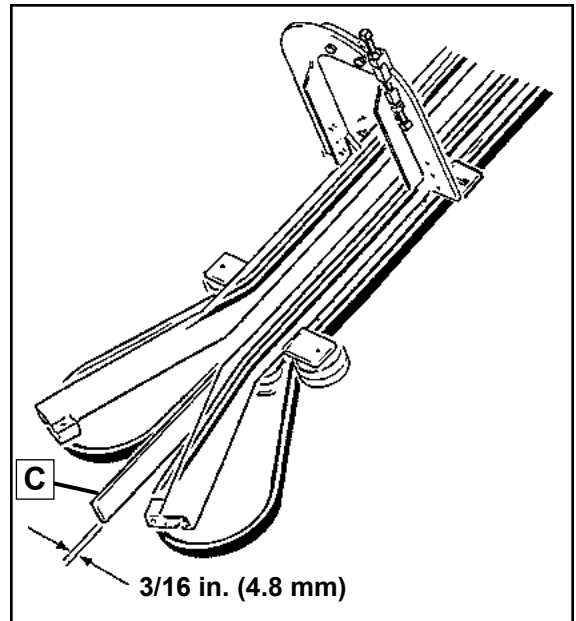
Adjust gathering belt tension as follows:

1. Loosen the gathering belt tension (Refer to *Gathering Belt Tension* in this section of the manual).
2. Loosen the two lockbolts (A).
3. Loosen the two jam nuts (B).
4. Insert a 3/16" (4.8 mm) strip (C) between the gather-



ing belt idler pulley flanges. The bottom of the strip should be on top of the pair of belts.

5. To adjust the belt grip, turn the adjusting bolt (D) counterclockwise to tighten belt grip and clockwise to loosen belt grip. Adjust the gathering belts so the belt guides have enough tension to grip the 3/16 in. (4.8 mm) strip firmly but not bend it.
6. Retighten the lockbolts and readjust gathering belt tension.



STRIPPER ROLLERS

Principle of Operation

The stripper rollers determine where the ears of corn drop onto the cross conveyors.



WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON STRIPPER ROLLERS. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER.

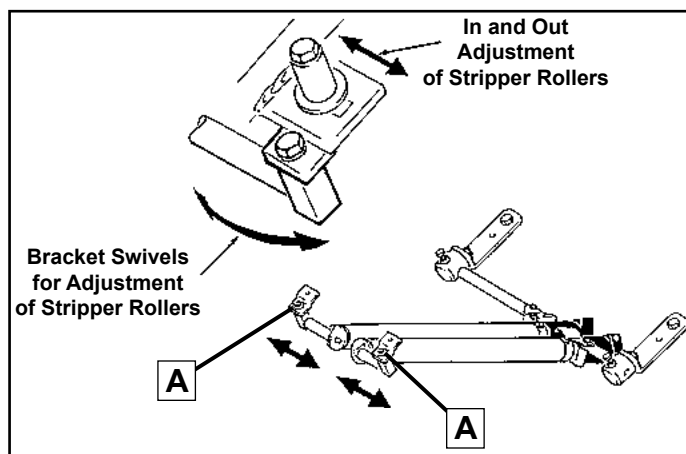
Adjustment

The tops and bottoms of the stripper rollers need to be adjusted in relation to the stalk size. This is the parallel width spacing adjustment. The stripper rollers should be set 1/4 in. (6.35 mm) wider than the widest diameter of the stalk. The angle and location adjustment (as shown in the illustration) needs to be adjusted to determine where the ears drop onto the conveyor. When the stripper rollers are adjusted up, the removal of the ears moves back on the stripper rollers and drops the ears farther back on the cross conveyers.

Adjust stripper rollers as follows:

IMPORTANT: FORCING THE MOTOR END WITHOUT LOOSENING THE TOP AND BOTTOM BOLTS MAY CAUSE HYDRAULIC MOTOR SEAL FAILURE.

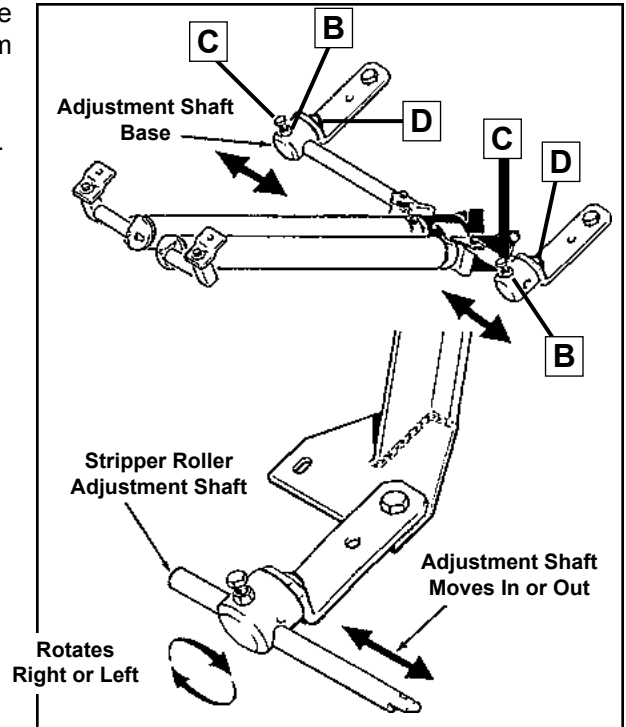
1. Loosen the upper stripper roller adjustment bolts (A).



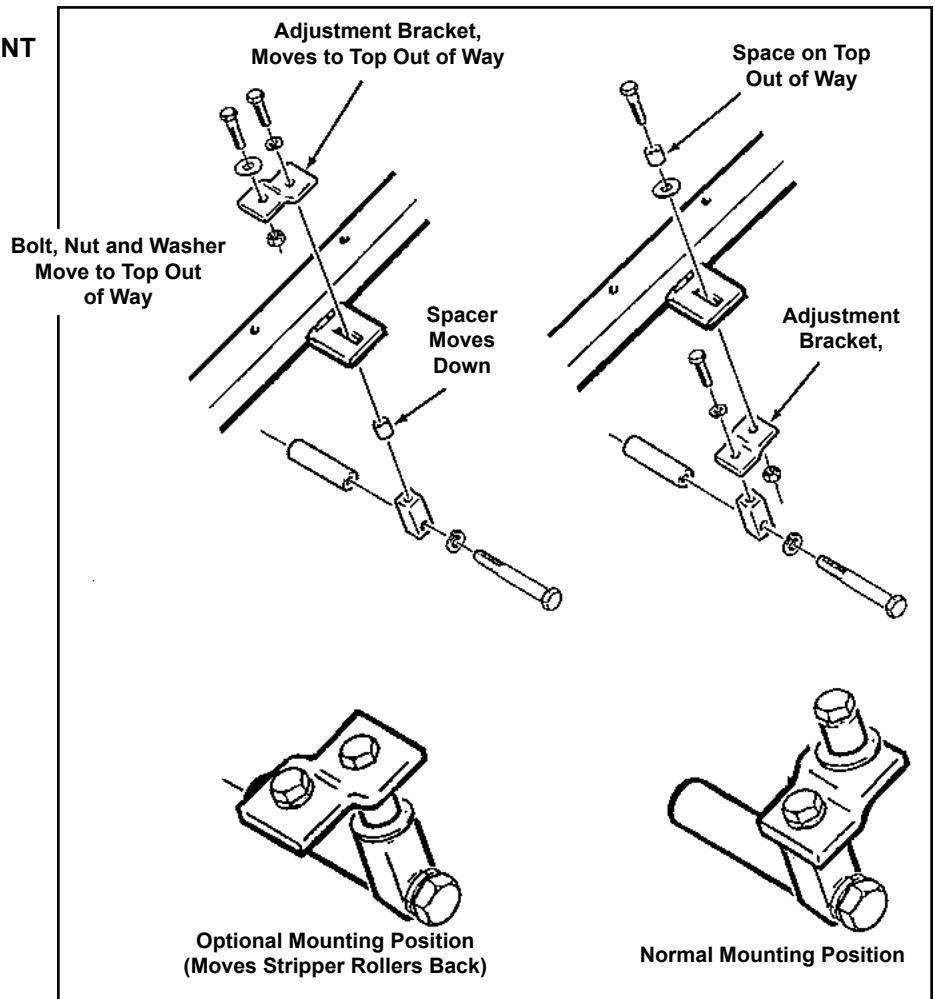
Settings & Adjustments

Stripper Rollers cont'd

2. Loosen the locknuts (B) and bolts (C) that fasten the bottom stripper roller adjustment shafts to the bottom adjustment shaft bases.
3. Loosen the bottom adjustment shaft base bolts (D).
4. Move the stripper rollers to the desired width.
5. Retighten all bolts and nuts.



STRIPPER ROLLERS OPTIONAL TOP ADJUSTMENT



SUCKER EARS

Setup considerations regarding sucker ears.



WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON STRIPPER ROLLERS. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER.

Adjustment

Stripper rollers work best running even and parallel to each other - not offset or tapered.

Stripper rollers cause the least damage to the ear when the gap between them is set to 1/4 inch (6.4 mm) wider than the stalk. This prevents the ear from slipping up into the rollers and getting pinched.

To avoid picking the sucker ear, it is best to "hack" the sucker ear in the middle. Thus the top of the sucker ear falls to the ground and the bottom of the sucker ear remains attached to the ground stalk. The good ear will be pulled normally.

Note: If it IS desirable to pick the sucker ears, then adjust the picking window to get both ears.

CROSS CONVEYORS

CONVEYOR BELT

Principle of Operation

The cross conveyors transport the ears of corn to the feeder house.



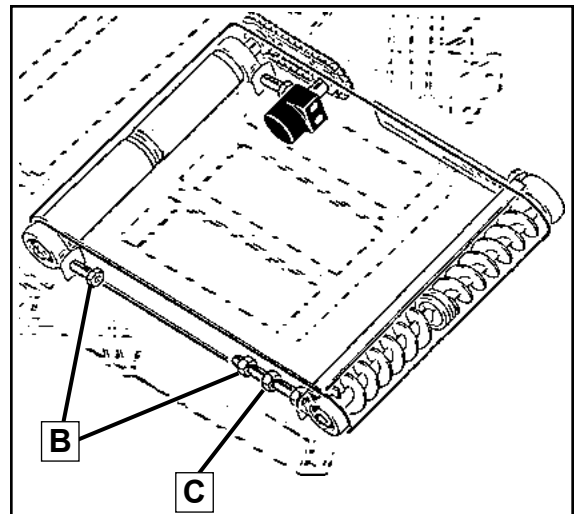
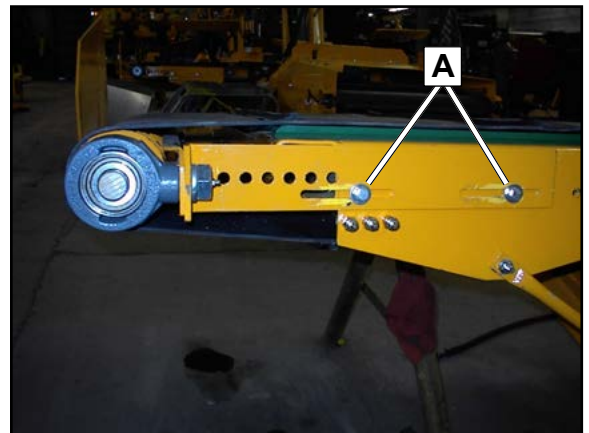
WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON CROSS CONVEYORS. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER.

Adjustment

The cross conveyor belt should not run any tighter than necessary to prevent undue stress to the belt, rollers and bearings.

Adjust conveyor belt as follows:

1. If necessary, adjust the back side of the conveyor belt as follows:
 - a. Loosen the two belt tensioner lockbolts (A) located on the backside of the cross conveyor.
 - b. Use the series of holes behind the belt tensioner adjustment slots to adjust the belt by alternating their position while forcing the direction of desired tension.
 - c. Retighten the lockbolts while maintaining belt tension.
2. If necessary, adjust the front side of the conveyor belt as follows:
 - a. Loosen the jam nut (B) on the side of the conveyor belt to be adjusted.
 - b. Turn the adjusting nut (C) clockwise to equal tension on both edges of the belt.
 - c. Retighten the jam nut.
3. Check for proper adjustment by running the cross conveyor belt to make sure that both sides are adjusted equally. Repeat procedures if necessary.



DRIVE CHAIN

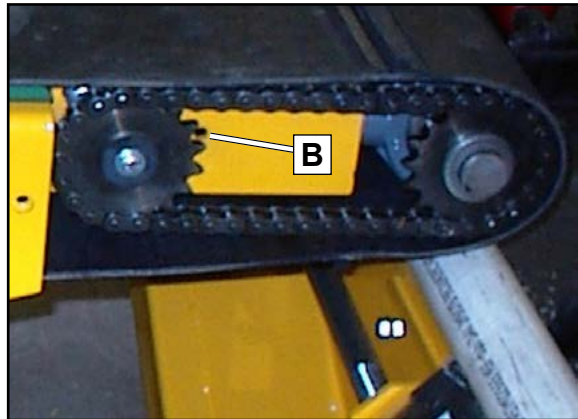
Adjustment

Adjust drive chain as follows:

1. Loosen the four motor mount bolts (A).



2. Insert a punch or screw driver in the hole (B) at the edge of the sprocket and slide the motor until proper tension is achieved. **Do not over tighten.** Chain tension should be adjusted tight enough to remove slack.



3. Hold tension and retighten bolts.

FEEDER HOUSE BELT

Principle of Operation

The feeder house conveyor transports the ears of corn into the harvester.



WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON FEEDER HOUSE. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER.

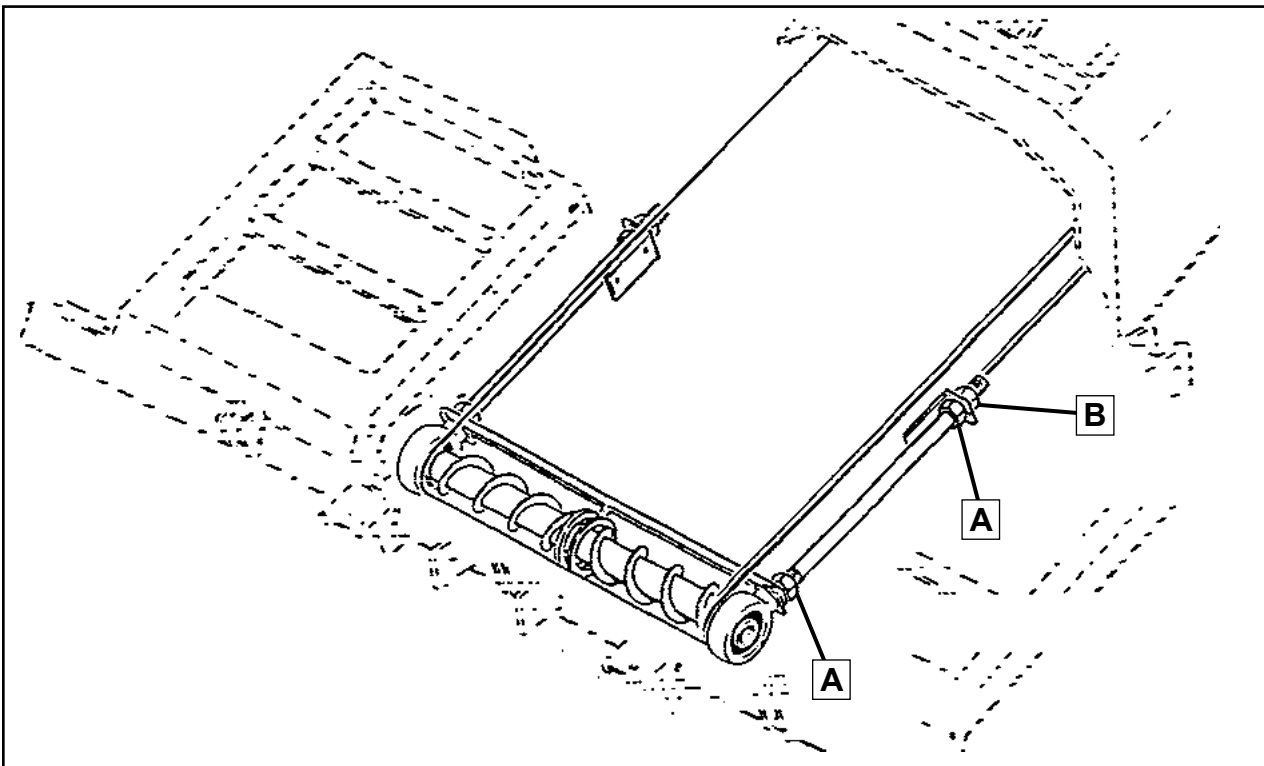
Adjustment

The feeder house belt should not run any tighter than necessary to prevent undue stress to the belt, rollers and bearings.

Adjust feeder house belt as follows:

1. Loosen two jam nuts (A) on one side of the feeder house.
2. Turn the lower adjusting nut (B) counterclockwise to tighten the belt.
3. Retighten the jam nuts.
4. Repeat steps 1 thru 3 on other side of the feeder house.

NOTE: Adjust both sides of the feeder house belt equally.



TACH SENSOR

Principle of Operation

The tach sensor sends a signal to the harvester's tachometer gauge which displays the speed of the gathering belt drive.



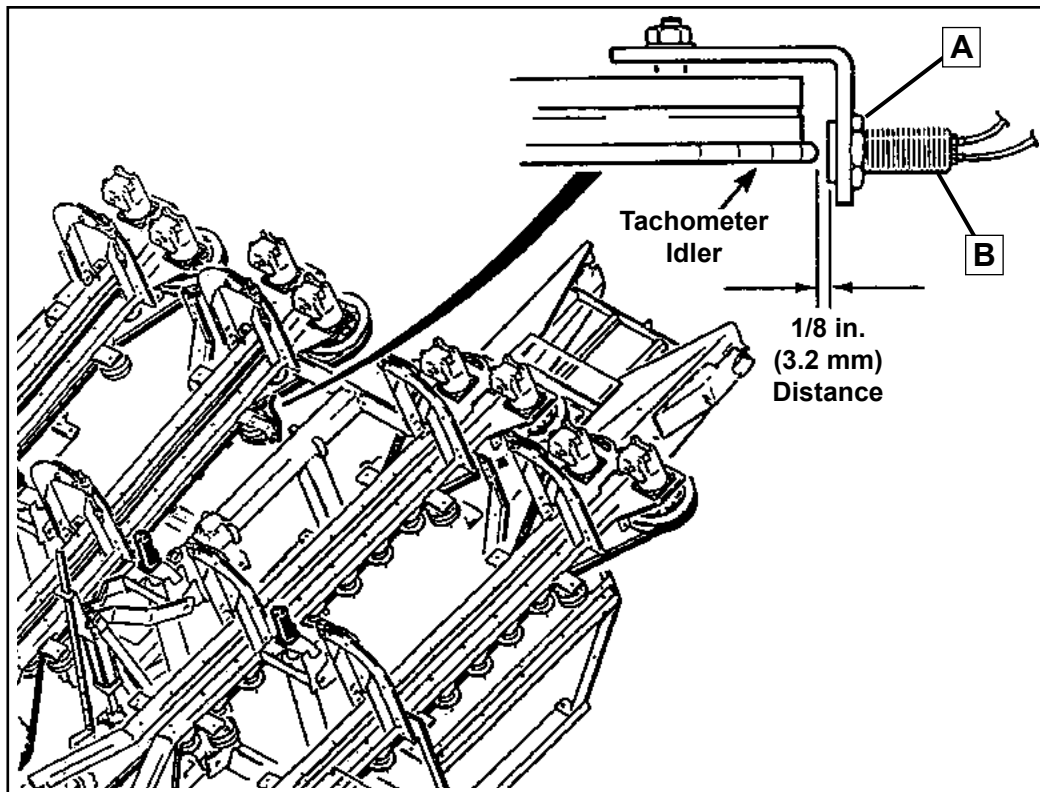
WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON TACH SENSOR. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER.

Adjustment

The gap between the sending unit and the idler pulley must be 1/8 in. (3.2 mm). If the gap is too large the signal will be weak and can result in a false tachometer reading. If the gap is too small, damage to the sending unit could occur.

Adjust tach sensor as follows:

1. Loosen sending unit locknut (A).
2. Turn the sending unit (B) clockwise or counterclockwise as needed to achieve a gap of 1/8 in. (3.2 mm) between the sending unit and idler pulley.
3. Retighten the locknut.



PICKING WINDOW PIVOT PIN



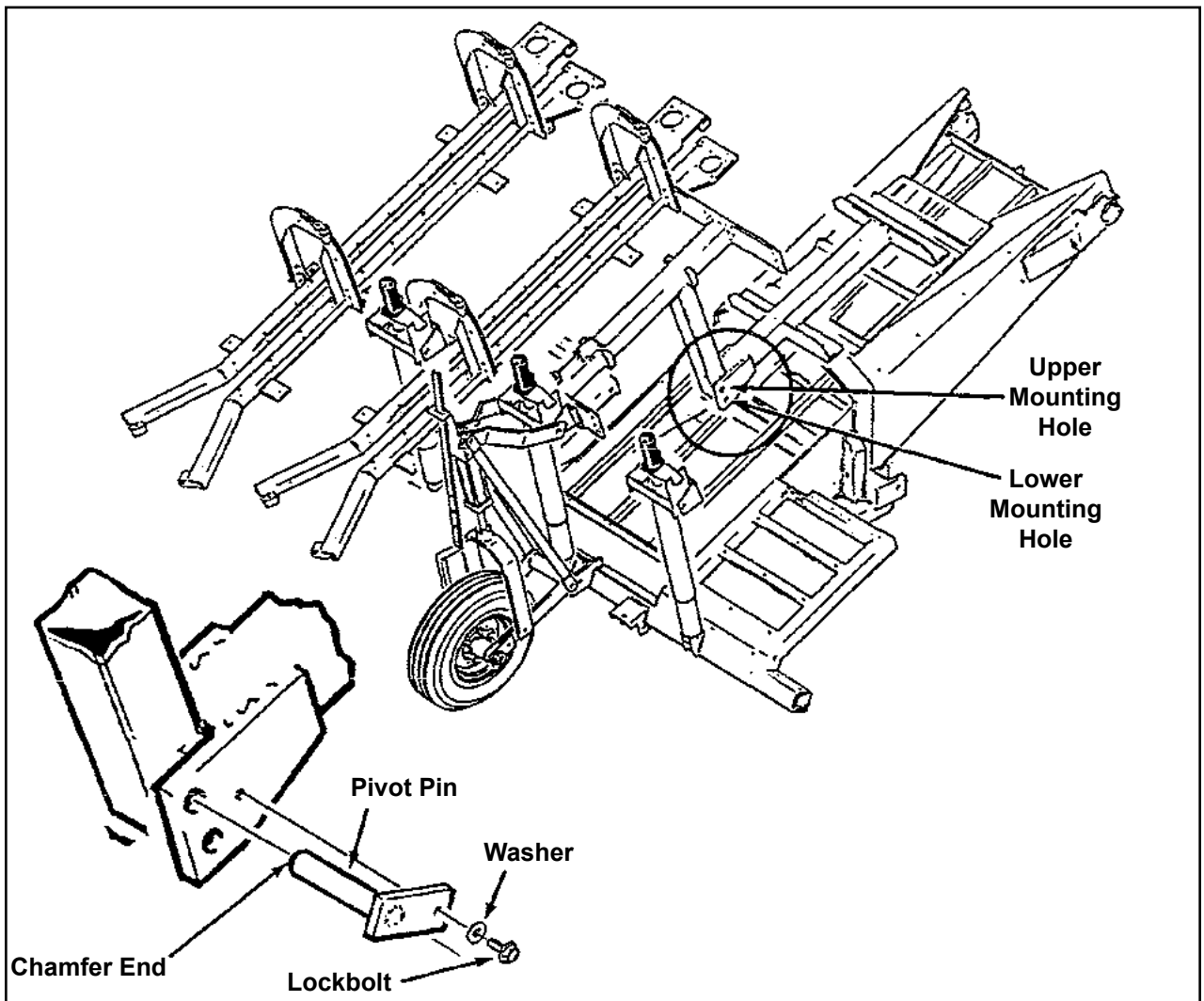
WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON PICKING WINDOW PIVOT PIN. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER.



WARNING: USE AN OVERHEAD HOIST FOR THIS PROCEDURE. FAILURE TO DO SO COULD RESULT IN SEVERE PERSONAL INJURY OR DEATH.

Adjustment

The upper mounting hole allows the stripper rollers to be adjusted forward, allowing ample clearance of the bottom end of the hydraulic motor over the cross conveyor while moving the bottom end of the stripper rollers forward. This position gives maximum pull distance through the stripper rollers.



OPTIONAL AUTO HEADER HEIGHT CONTROL

Principle of Operation

The optional Headsight Auto Header Height Control System uses the Plus 1 Monitor/Control System (located in the harvester's cab) to operate header height control system.



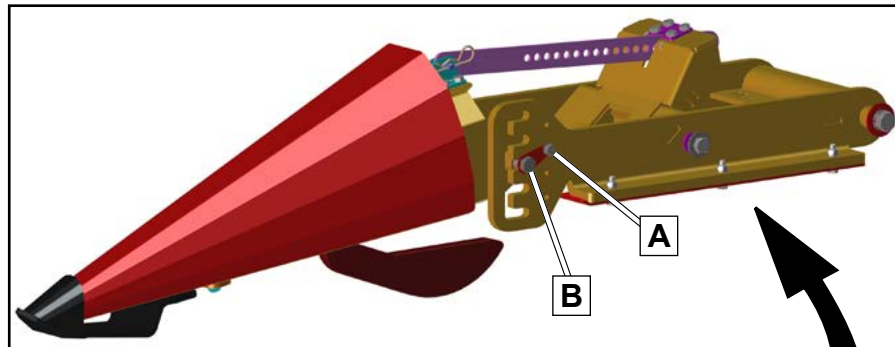
WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON CORN PULLER. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER.

Adjustment

The height (distance from ground) and the tilt of the snout shroud can be adjusted.

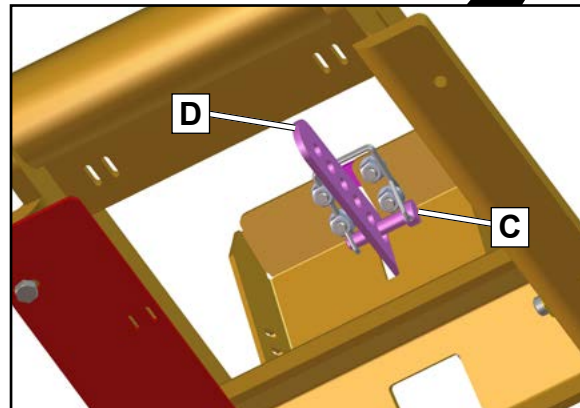
To adjust height:

1. Remove jam screws (A) from both sides of frame.
2. Tilt front of snout shroud upward to release pivot pins (B) from slots. Raise or lower snout shroud. Line-up pivot pins with desired slots then lower front of snout shroud while inserting pivot pins into slots.
3. Re-install jam screws.



To adjust tilt:

1. Remove lynch pin.
2. Tilt snout shroud by lifting (or lowering) front end, allowing the snout adjustment linkage (D) to slide forward or rearward to achieve desired tilt.
3. Re-install lynch pin.



Lubrication & Maintenance

PRACTICE SAFE MAINTENANCE

Understand service procedure before doing work. Keep area clean and dry.



WARNING: NEVER SERVICE, LUBRICATE, ADJUST OR PERFORM ANY MAINTENANCE ON THE HARVESTER WHILE THE POWER UNIT ENGINE IS RUNNING. ALWAYS LOCK THE POWER UNIT'S MASTER DISCONNECT SWITCH IN THE OFF POSITION BEFORE PERFORMING SERVICE OR MAINTENANCE. FAILURE TO COMPLY COULD RESULT IN PERSONAL INJURY OR DEATH.

Never lubricate, service, or adjust machine while it is running. Keep hands, feet, and clothing from power-driven parts.

Securely support any machine elements that must be raised for service work.

Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts.

Remove any buildup of grease, oil or debris.

Dispose of used oil according to regulations.



MAINTENANCE & LUBRICATION SCHEDULE									
<i>Recommended Maintenance Intervals - Hours</i>									
Component	Action	10	50	100	250	500	1000	2000	Notes
		(each shift)	(weekly)	(2 weeks)	(monthly)	(3 months)	(6 months)	(yearly)	
Cross conveyor R.H. and L.H. drive and idler roller bearings	Grease	X						X	1 stroke from gun
Cutter discs and sickle cutters (condition)	Check	X						X	
Feeder house R.H. and L.H. drive and idler roller pillow block bearings	Grease	X						X	1 stroke from gun
Gathering belts (condition and adjustment)	Check	X						X	
Hydraulic components (condition)	Check	X						X	
Lights (operation and condition)	Check	X						X	
Stripper rollers (adjustment)	Check	X						X	
Cross conveyor belts condition, alignment and tension	Check		X					X	
Feeder house elevator belt (condition and adjustment)	Check		X					X	
Gauge wheel (operation and tire pressure)	Check		X					X	
Hydraulic fluids (level and condition)	Check		X					X	
Picking window (operation)	Check		X					X	
Cross conveyor chain drives	Grease		*	X				X	
Safety shields (proper installation)	Check				X			X	
Safety decals (condition)	Check					X		X	

* Grease after first 50 hours, then every 100 hours thereafter.

GREASE POINTS



WARNING: NEVER LUBRICATE OR PERFORM ANY MAINTENANCE ON THE HARVESTER WHILE THE POWER SOURCE (TRACTOR) PTO IS RUNNING. ALWAYS DISENGAGE THE PTO AND SHUT OFF THE TRACTOR ENGINE BEFORE PERFORMING ANY MAINTENANCE ON THE HARVESTER. FAILURE TO COMPLY MAY RESULT IN PERSONAL INJURY OR DEATH.

Refer to the *Maintenance & Lubrication Schedule* for lubrication intervals.

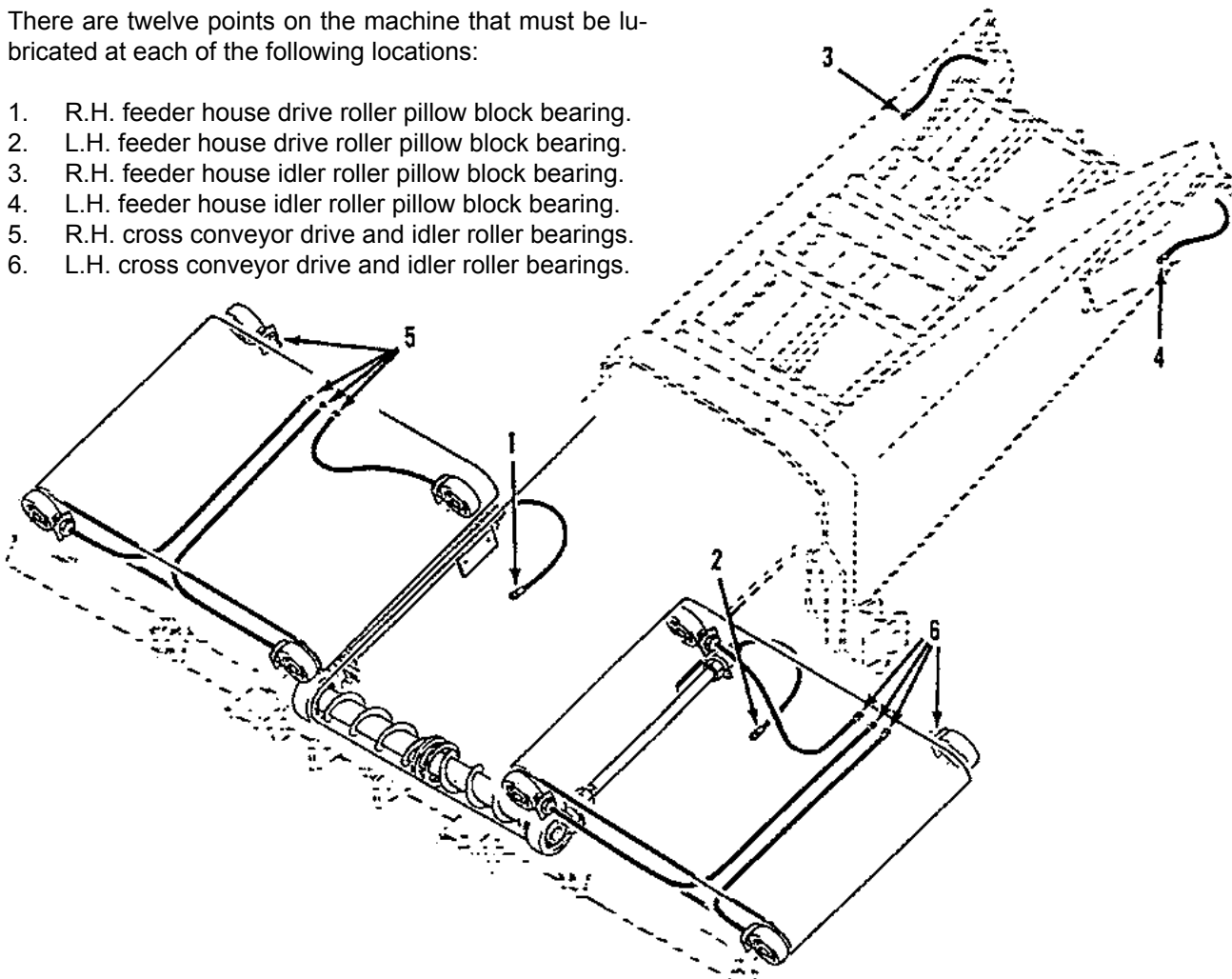
Any good quality Multipurpose Hi Temperature/Extreme Pressure grease rated NGLI #2 is acceptable.

IMPORTANT: IF A GREASE FITTING IS MISSING, REPLACE IMMEDIATELY. CLEAN FITTINGS THOROUGHLY BEFORE USING GREASE GUN.

There are twenty-two points on the machine that must be lubricated. Refer to the illustration, on the following page, for grease point locations.

There are twelve points on the machine that must be lubricated at each of the following locations:

1. R.H. feeder house drive roller pillow block bearing.
2. L.H. feeder house drive roller pillow block bearing.
3. R.H. feeder house idler roller pillow block bearing.
4. L.H. feeder house idler roller pillow block bearing.
5. R.H. cross conveyor drive and idler roller bearings.
6. L.H. cross conveyor drive and idler roller bearings.



ROLLER CHAIN MAINTENANCE

Roller chain drives require proper and timely maintenance to deliver satisfactory performance and service life.

MAINTENANCE

A roller chain drive should be inspected after the *first* 50 hours of operation. Following this, an inspection should be conducted every 100 hours of operation.

Chains must be maintained as follows:

Lubrication:

Make sure the drive is correctly lubricated. If the chain is dirty, clean it with a nonflammable solvent and lubricate it. It is very important to lubricate the pins and bushing surfaces which articulate with each other while the chain is under full load. Lubrication is also required between the rollers and bushing. To reach all these surfaces, the lubricant is applied to the upper edges of the link plates on the lower strand of the chain shortly before the chain engages the sprocket.

Drive Interferences:

Inspect for any evidence of interferences between drive components and other parts of the equipment. If any is found, correct it immediately.

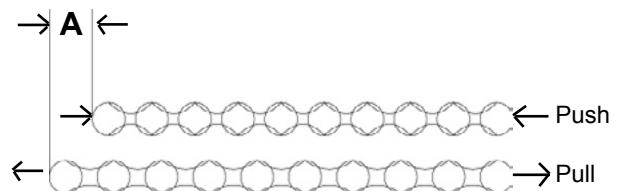
Damaged Chain and Sprockets:

Inspect chains for cracked, broken, deformed, or corroded parts and for tight joints or turned pins. If any are found, locate and correct the cause of the damage and replace the entire chain.

Inspect sprockets for chipped, broken, or deformed teeth. If they are found, locate and correct the cause of the damage and replace the sprocket.

Replace worn chains and sprockets. A chain is considered worn when the elongation difference (A) of 10 links of a stretched chain and a relaxed chain is greater than $3/16"$.

Make sure sprockets are properly aligned.

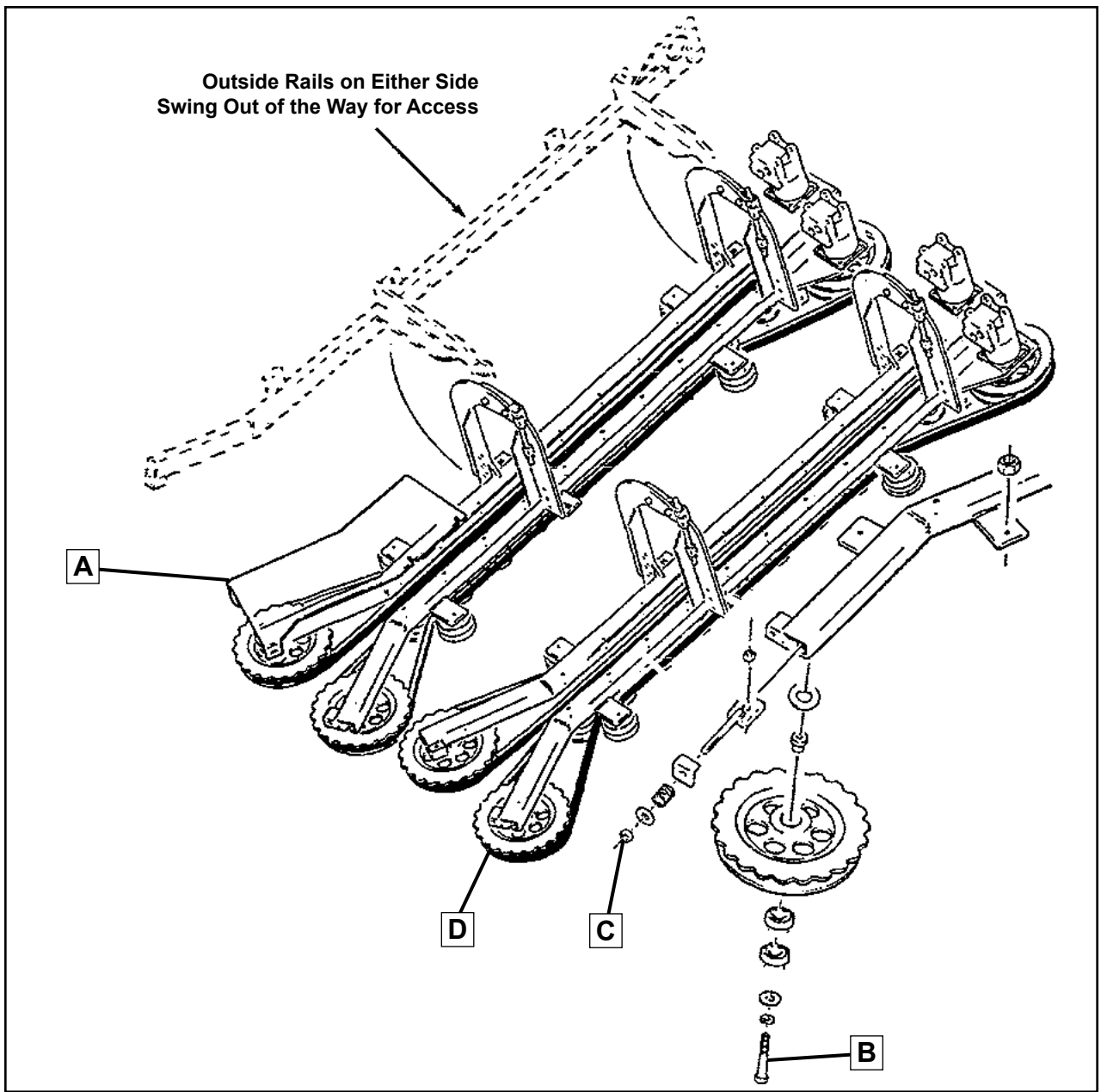


GATHERING BELT REPLACEMENT



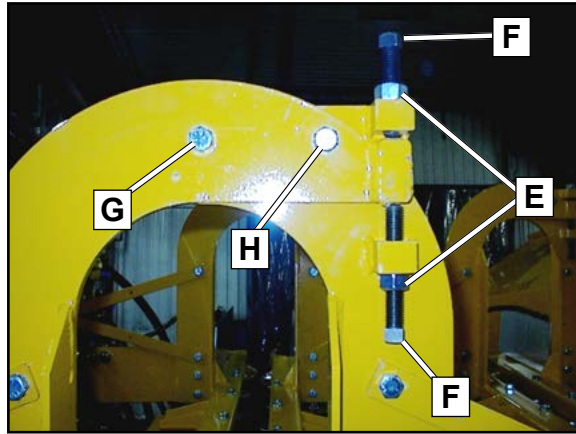
WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON GATHERING BELTS. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER.

1. Remove idler pulley safety shield (A).
2. Loosen idler pulley center bolt (B).
3. Loosen gathering belt tensioner adjusting nut (C) until it is possible to remove the belt from the driven sheave (D).



Gathering Belt Replacement cont'd.

4. Loosen four adjustment bolt jam nuts (E) and loosen four adjustment pinch bolts (F) to relieve the belt.
5.
 - a. Loosen two lockbolts (G).
 - b. Remove only the two lockbolts (H) closest to the adjustment pinch bolts.
6. Remove old gathering belt and install new belt.
7. Reinstall the two lockbolts but do not tighten.
8. Adjust tension as described in *Gathering Belt Tension* in the *Settings & Adjustments* section of this manual.
9. Tighten four gathering belt pinch adjustment bolts (F) and adjust grip as described in *Gathering Belt Grip (Pinch)* in the *Settings & Adjustments* section of this manual.
10.
 - a. Tighten two lockbolts (G).
 - b. Re-install and tighten the two lockbolts (H) closest to the adjustment pinch bolts.

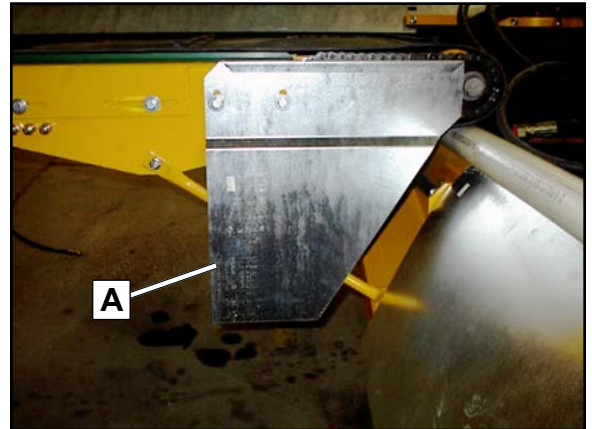


CROSS CONVEYOR BELT REPLACEMENT

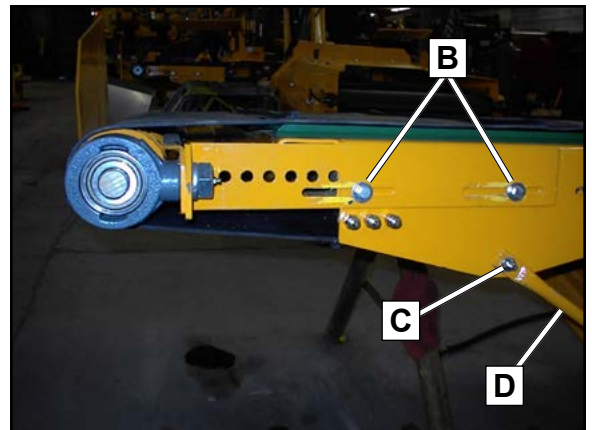


WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON CROSS CONVEYORS. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER.

1. Remove the safety shield (A).

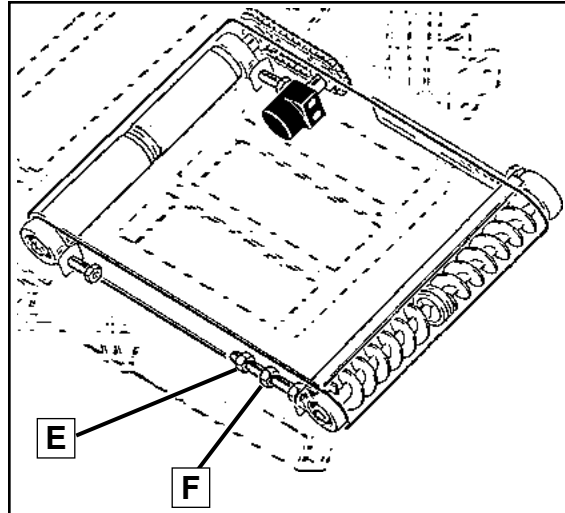


2. Loosen two belt tensioner lockbolts (B).
3. Remove nut and bolt (C) from brace (D) and swing brace out of the way..



Cross Conveyor Belt Replacement cont'd.

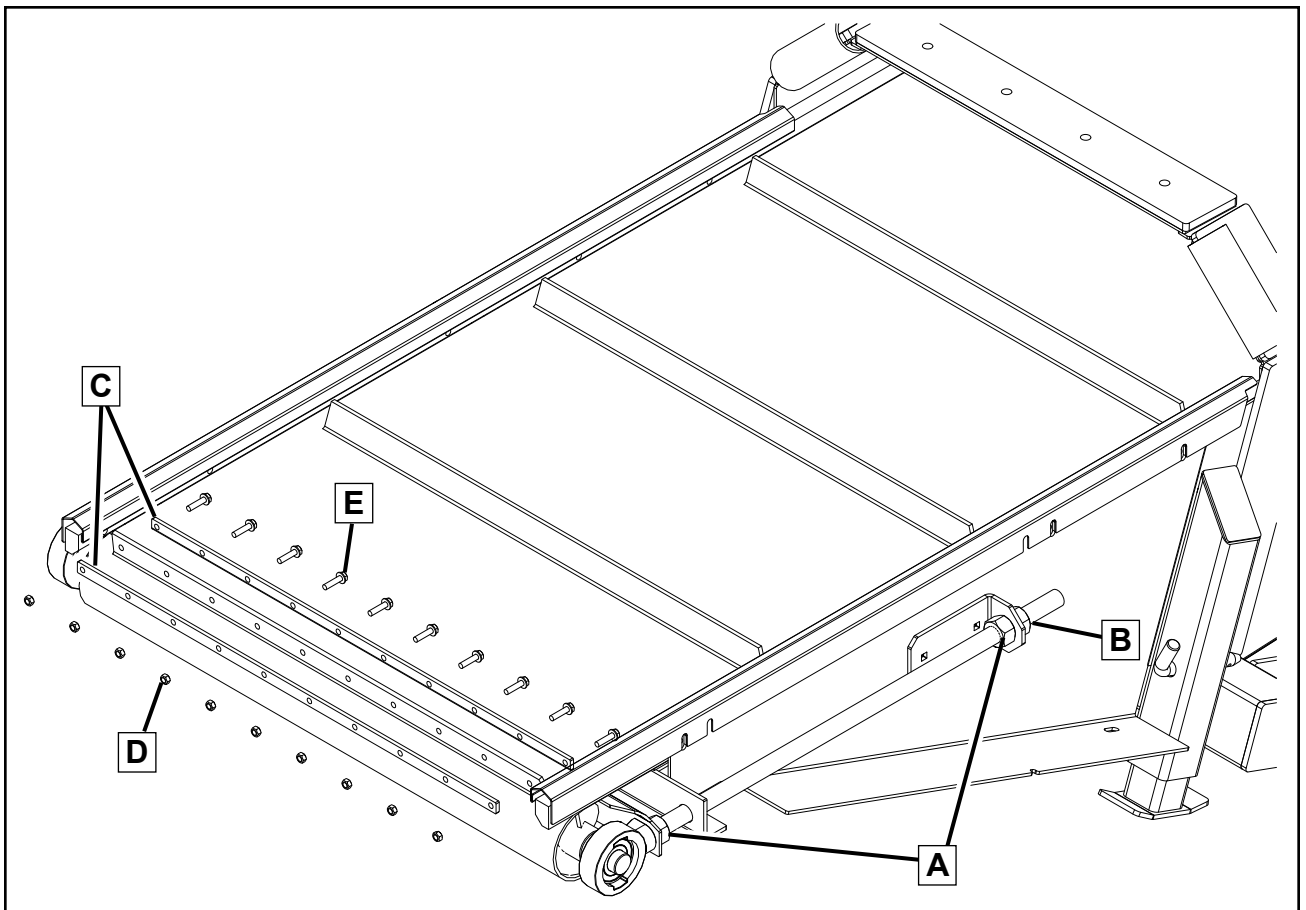
4. Loosen jam nut (E) and adjusting nut (F) on the auger roller scraper rod to relieve tension on the roller scraper and conveyor belt.
5. Remove old cross conveyor belt and install new belt.
6. Reverse procedure to install and adjust new belt.
7. Check for proper adjustment by running the cross conveyor belt to make sure that both sides are adjusted equally. If necessary, adjust belt as described in *Cross Conveyors* in the *Settings & Adjustments* section of this manual.



FEEDER HOUSE BELT REPLACEMENT

WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON FEEDER HOUSE. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER.

1. Rotate the feeder house belt to bring the bolted rib to the front of the intake.
2. Loosen jam nuts (A).
3. Loosen adjusting nut (B) to release belt tension.
4. Remove stiffeners (C), nuts (D) and bolts (E).
5. Remove the old belt and install new belt.
6. Re-install stiffeners and hardware.
7. Retighten the jam nuts.
8. Check for proper adjustment by running the feeder house-belt to make sure that both sides are adjusted equally. If necessary, adjust belt as described in *Feeder House Belt* in the *Settings & Adjustments* section of this manual.

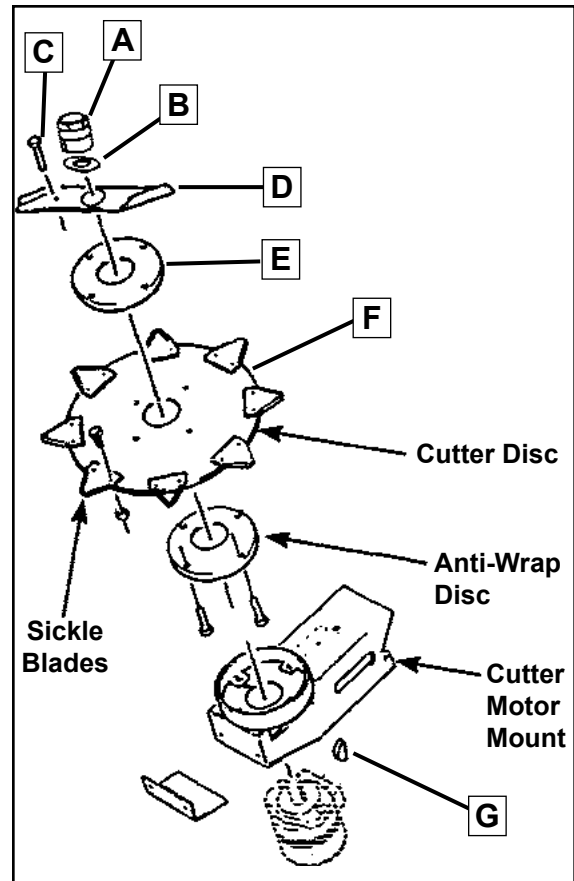


CUTTING DISC REPLACEMENT



WARNING: ALWAYS SHUT DOWN POWER UNIT BEFORE WORKING ON CUTTERS. WHENEVER IT IS NECESSARY TO WORK UNDER THE CORN PULLER, ALWAYS RAISE THE PULLER ALL THE WAY UP AND ENGAGE THE HYDRAULIC CYLINDER SAFETY STOPS ON BOTH SIDES OF THE CORN PULLER.

1. Remove the Trantorque lock (A), oblong washer (B), flipper bolts (C), flipper (D) and hub (E).
2. Remove the cutter disc assembly (F) and the woodruff key (G) from the motor.
3. Perform the required maintenance or repairs.
4. Install the cutter disc assembly and woodruff key.
5. Install the hub and flipper. Install and tighten the flipper bolts.
6. Install the oblong washer and Trantorque lock. Make sure Trantorque lock is tight.



Tires & Wheels

TIRE AND WHEEL MAINTENANCE

Check tires daily for damage and noticeably low air pressure. Check tire pressure with a gauge daily.

TIRE PRESSURE

Tires should be inflated to 50 psi (3.4 bar).

LUG NUT TORQUE

90 - 150 ft.-lbs. (122 - 203 Nm).

Troubleshooting

CORN PULLER		
Symptom	Problem	Solution
Wind blown corn does not pick.	Gathering belt not centered on rows.	Operate with gathering belt centered over planted position of corn stalk instead of tassel position.
Corn ears fall off stalk at cutters (Shanks being cut instead of stalk).	Cutting too high. Short picking window distance.	Decrease cutting height. Open picking window distance.
Corn puller floatation does not work.	Electrical plug is not connected.	Make sure electrical plug is connected.
Gathering belts rolling over.	Improper belt tension.	Adjust belts as described in <i>Settings & Adjustments</i> section.
Stalks broken off before cut off.	First idler pulley interference.	Remove first idler pulley.
Stalks not pulling completely through stripper rollers.	Open picking window distance.	Close picking window distance.
Damaged product.	Inconsistent gathering belt speed. Incorrect relational forward ground speed (traveling to fast).	Operate with a consistent gathering belt speed. Adjust ground speed as described in <i>Component Synchronization</i> in the <i>Operation</i> section.
Debris in product.	Incorrect relational forward ground speed (traveling to fast).	Adjust ground speed as described in <i>Component Synchronization</i> in the <i>Operation</i> section.
Lights do not work.	Electrical problem.	Check wires and connections.
Corn puller does not engage.	Harvester cab door is open. Operator is not seated in cab.	Close harvester cab door. Seat operator.

Seasonal Storage

PREPARING FOR STORAGE

1. Clean the corn puller thoroughly, preferably with a pressure washer.

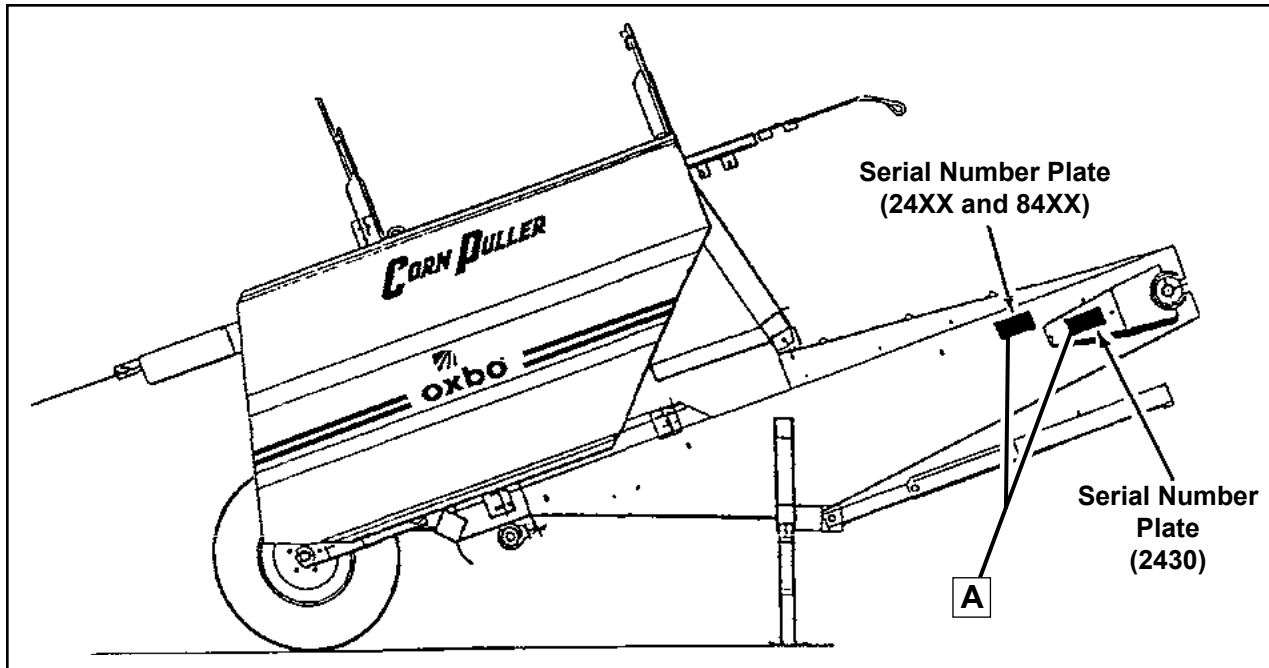
IMPORTANT: DO NOT SPRAY HIGH PRESSURE WATER STREAM FROM THE POWER WASHER DIRECTLY AT SEALED BEARINGS. THE SEALED BEARINGS MAY RETAIN WATER WHICH WILL DAMAGE BEARINGS CAUSING BEARING FAILURE DURING USE.

2. Repair or replace any worn or damaged parts.
3. Remove any rust and apply a coat of paint.
4. Check all bearings and pivots for damage or contamination and replace if necessary. Lubricate with a good grade of grease.
5. Inspect all hydraulic components for damage or leakage and repair or replace as necessary.
6. Retract all hydraulic cylinders and coat exposed rod ends with grease.
7. Roll up hoses and electrical harness and hang on the frame.
8. Remove and roll up the intake conveyor belt and the cross conveyor belts for storage.
9. Store the corn puller in a clean and dry area.

Serial Number

When ordering parts, always furnish the model number and serial number of the Oxbo Corn Puller as stamped on the data plate (A) located on the rear left hand side of the elevator frame.

Record you serial number in the space provided on the first page of the *Repair Parts Section*.














Charts & Specifications

COMMON CONVERSION FACTORS

Length:	Inches to millimeters: x 25.4 Miles to kilometers: x 1.609
Weight:	Pounds to kilograms: x .4536
Area:	Acres to hectare or square hectometer: x .4047
Pressure:	Psi to bar: x .06895 Psi to kPa: x 6.8948
Torque:	Foot-pounds to Newton meters: x 1.3558
Flow:	Gallons/minute to liters/minute: x 3.7848
Displacement:	Cubic inches to cubic centimeters: x 16.387
Power:	Horsepower to kilowatts: x .74571
Liquid:	Gallons to liters: x 3.785

UNIFIED INCH BOLT AND CAP SCREW TORQUE VALUES

SAE Grade and Head Markings	NO MARK	1 or 2 ^b 	5 	5.1 	5.2 	8 	8.2 
SAE Grade and Nut Markings	NO MARK	2 	5 			8 	

Size	Grade 1				Grade 2 ^b				Grade 5, 5.1, or 5.2				Grade 8 or 8.2			
	Lubricated ^a		Dry ^a		Lubricated ^a		Dry ^a		Lubricated ^a		Dry ^a		Lubricated ^a		Dry ^a	
	Nm	lb-ft	Nm	lb-ft	Nm	lb-ft	Nm	lb-ft	Nm	lb-ft	Nm	lb-ft	Nm	lb-ft	Nm	lb-ft
1/4	3.7	2.8	4.7	3.5	6	4.5	7.5	5.5	9.5	7	12	9	13.5	10	17	12.5
5/16	7.7	5.5	10	7	12	9	15	11	20	15	25	18	28	21	35	26
3/8	14	10	17	13	22	16	27	20	35	26	44	33	50	36	63	46
7/16	22	16	28	20	35	26	44	32	55	41	70	52	80	58	100	75
1/2	33	25	42	31	53	39	67	50	85	63	110	80	120	90	150	115
9/16	48	36	60	45	75	56	95	70	125	90	155	115	175	130	225	160
5/8	67	50	85	62	105	78	135	100	170	125	215	160	215	160	300	225
3/4	120	87	150	110	190	140	240	175	300	225	375	280	425	310	550	400
7/8	190	140	240	175	190	140	240	175	490	360	625	450	700	500	875	650
1	290	210	360	270	290	210	360	270	725	540	925	675	1050	750	1300	975
1-1/8	470	300	510	375	470	300	510	375	900	675	1150	850	1450	1075	1850	1350
1-1/4	570	425	725	530	570	425	725	530	1300	950	1650	1200	2050	1500	2600	1950
1-3/8	750	550	950	700	750	550	950	700	1700	1250	2150	1550	2700	2000	3400	2550
1-1/2	1000	725	1250	925	990	725	1250	930	2250	1650	2850	2100	3600	2650	4550	3350

DO NOT use these torque values if a different torque value or tightening procedure is given for a specific application. Torque values listed are for general use only. Check tightness of fasteners periodically.

Shear bolts are designed to fail under predetermined loads. Always replace shear bolts with identical grade.

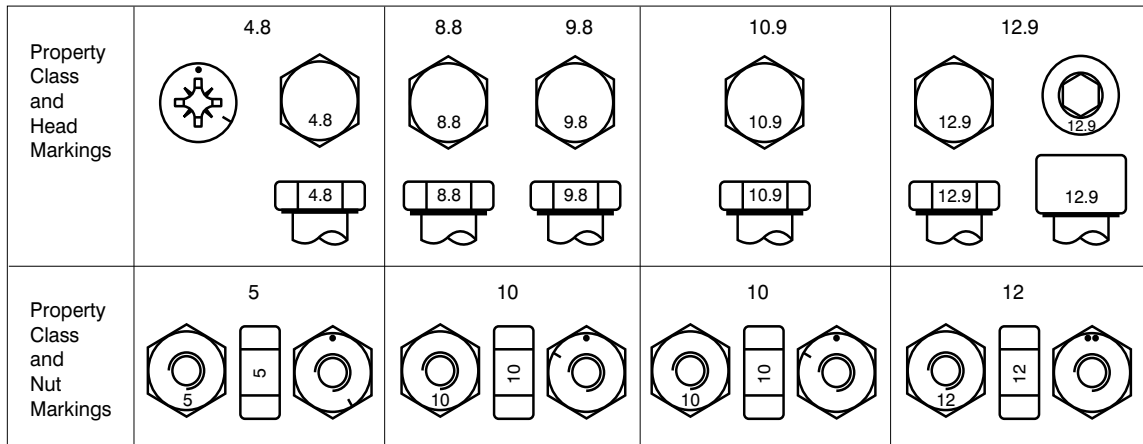
Fasteners should be replaced with the same or higher grade. If higher grade fasteners are used, these should only be tightened to the strength of the original.

Make sure fasteners threads are clean and that you properly start thread engagement. This will prevent them from failing when tightening.

^a "Lubricated" means coated with a lubricant such as engine oil, or fasteners with phosphate and oil coatings. "Dry" means plain or zinc plated without any lubrication.

^b Grade 2 applies for hex cap screws (not hex bolts) up to 152 mm (6 in.) long. Grade 1 applies for hex cap screws over 152 mm (6 in.) long, and for all other types of bolts and screws of any length.

METRIC BOLT AND CAP SCREW TORQUE VALUES



Size	Class 4.8				Class 8.8 or 9.8				Class 10.9				Class 12.9			
	Lubricated ^a		Dry ^a		Lubricated ^a		Dry ^a		Lubricated ^a		Dry ^a		Lubricated ^a		Dry ^a	
	Nm	lb-ft	Nm	lb-ft	Nm	lb-ft	Nm	lb-ft	Nm	lb-ft	Nm	lb-ft	Nm	lb-ft	Nm	lb-ft
M6	4.8	3.5	6	4.5	9	6.5	11	8.5	13	9.5	17	12	15	11.5	19	14.5
M8	12	8.5	15	11	22	16	28	20	32	24	40	30	37	28	47	35
M10	23	17	29	21	43	32	55	40	63	47	80	60	75	55	95	70
M12	40	29	50	37	75	55	95	70	110	80	140	105	130	95	165	120
M14	63	47	80	60	120	88	150	110	175	130	225	165	205	150	260	190
M16	100	73	125	92	190	140	240	175	275	200	350	225	320	240	400	300
M18	135	100	175	125	260	195	330	250	375	275	475	350	440	325	560	410
M20	190	140	240	180	375	275	475	350	530	400	675	500	625	460	800	580
M22	260	190	330	250	510	375	650	475	725	540	925	675	850	625	1075	800
M24	330	250	425	310	650	475	825	600	925	675	1150	850	1075	800	1350	1000
M27	490	360	625	450	950	700	1200	875	1350	1000	1700	1250	1600	1150	2000	1500
M30	675	490	850	625	1300	950	1650	1200	1850	1350	2300	1700	2150	1600	2700	2000
M33	900	675	1150	850	1750	1300	2200	1650	2500	1850	3150	2350	2900	2150	3700	2750
M36	1150	850	1450	1075	2250	1650	2850	2100	3200	2350	4050	3000	3750	2750	4750	3500

DO NOT use these torque values if a different torque value or tightening procedure is given for a specific application. Torque values listed are for general use only. Check tightness of fasteners periodically.

Shear bolts are designed to fail under predetermined loads. Always replace shear bolts with identical property class.

Fasteners should be replaced with the same or higher grade. If higher grade fasteners are used, these should only be tightened to the strength of the original.

Make sure fasteners threads are clean and that you properly start thread engagement. This will prevent them from failing when tightening.

^a "Lubricated" means coated with a lubricant such as engine oil, or fasteners with phosphate and oil coatings. "Dry" means plain or zinc plated without any lubrication.

Fitting Assembly Torque and F.F.W.R. (For O-ring Face Seal Fittings)						
SAE Dash Size	Tube Side Thread Size	Tube Side Assembly Torque (+10% -0%)			Flats from Wrench Resistance (F.F.W.R.)	
		in-lb.	ft-lb.	Nm	Tube Nuts	Swivel & Hose Ends
-4	9/16-18	220	18	25	1/4 to 1/2	1/2 to 3/4
-6	11/16-16	360	30	40	1/4 to 1/2	1/2 to 3/4
-8	13/16-16	480	40	55	1/4 to 1/2	1/2 to 3/4
-10	1-14	---	60	80	1/4 to 1/2	1/2 to 3/4
-12	1 13/16-12	---	85	115	1/4 to 1/2	1/3 to 1/2
-14	15/16-12	---	95	130	1/4 to 1/2	1/3 to 1/2
-16	1 7/16-12	---	110	150	1/4 to 1/2	1/3 to 1/2
-20	1 11/16-12	---	140	190	1/4 to 1/2	1/3 to 1/2
-24	2-12	---	180	245	1/4 to 1/2	1/3 to 1/2
-32	2 1/2-12	---	360	490	---	---

F.F.W.R. Assembly Method:

If torque wrenches are not available, an alternate method of assembly is the Flats From Wrench Resistance (F.F.W.R.) Method.

Wrench tighten the nut onto the fitting body until wrench resistance is reached. Tighten further to the appropriate F.F.W.R. value from the *Fitting Assembly Torque and F.F.W.R.* chart shown above.

NOTE: The torque method of assembly is the preferred method of assembly. It reduces the risk of human error during assembly that is more prevalent in the Flats From Wrench Resistance (F.F.W.R.) method. To ensure the most accurate assembly of the fitting, it is strongly recommended that the torque method be utilized.

Repair Parts Section

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A NOTE ON USING THESE PARTS LISTS

Right or left hand parts are determined by standing in the back of the machine and facing in the direction of travel. The abbreviation "A.R." in the "USED" column means "AS REQUIRED" - the item is used to service a major assembled component or it is used in numbers which may vary between individual machines usually to obtain a particular adjustment or dimension at assembly. When in the course of routine repair disassembly, if a number of shims, flatwashers, etc. are removed, always reassemble with the same quantity.

ORDERING REPAIR PARTS

The Oxbo CP400 Corn Puller™ is designed and built with top quality agricultural grade components. We recommend that repair/replacement parts be obtained from one of the Oxbo International Corporation dealer locations shown below. Parts ordered within the United States will be shipped via United Parcel Service (UPS) if less than 150 lbs. and by common carrier if heavier. Faster service can be provided on request. Arrangements for Canadian, Mexican and overseas shipment will be made with the customer at the time of order.

Note: Please include serial number when ordering parts. Record your serial number in the space provided.

SERIAL NUMBER

RECOMMENDED SPARE PARTS

Quantity	P/N	Sprockets
1	1019-0062	CROSS CONVEYOR DRIVE SPROCKET
1	1019-0213	CROSS CONVEYOR IDLER SPROCKET
1	1019-0410	FEEDER HOUSE DRIVE SPROCKET FOR 2430
1	6030-0251	FEEDER HOUSE DRIVE SPROCKET FOR 2460/2475

Quantity	P/N	Bearings/Taper Locks
8	6050-0173	GATHERING BELT IDLER BEARING
4	6001-0707	STRIPPER ROLLER BEARING
4	1015-0153	HANGER BEARING
2	59028	BEARING 1 1/4" FOR 2430
2	1015-0152	BEARING 1 3/4" FOR 2460/2475
2	52570	BEARING 1 3/4" FOR 84XX
1	50321	TAPER LOCK 1 1/4"
1	50069	TAPER LOCK 1 3/4" FOR 2460/2475 DRIVE SPROCKET

Quantity	P/N	Shaft/Rollers
4	6050-0171	GATHERING BELT IDLER
2	6050-0160	IDLER
1	6050-7360	GATHERING BELT IDLER PULLEY
1	6050-7380	GATHERING BELT DRIVE PULLEY
1	6050-1099	CROSS CONVEYOR IDLER ROLLER
1	6050-1040	CROSS CONVEYOR DRIVE ROLLER
1	6050-1039	CROSS CONVEYOR DRIVE ROLLER SHAFT
1	6004-0422	FEEDER HOUSE IDLER ROLLER
1	6003-0221	FEEDER HOUSE DRIVE ROLLER FOR 2430
1	6003-0226	FEEDER HOUSE DRIVE ROLLER SHAFT FOR 2430
1	55773	FEEDER HOUSE DRIVE ROLLER FOR 2460/2475
1	59640	FEEDER HOUSE DRIVE ROLLER FOR 84XX

RECOMMENDED SPARE PARTS

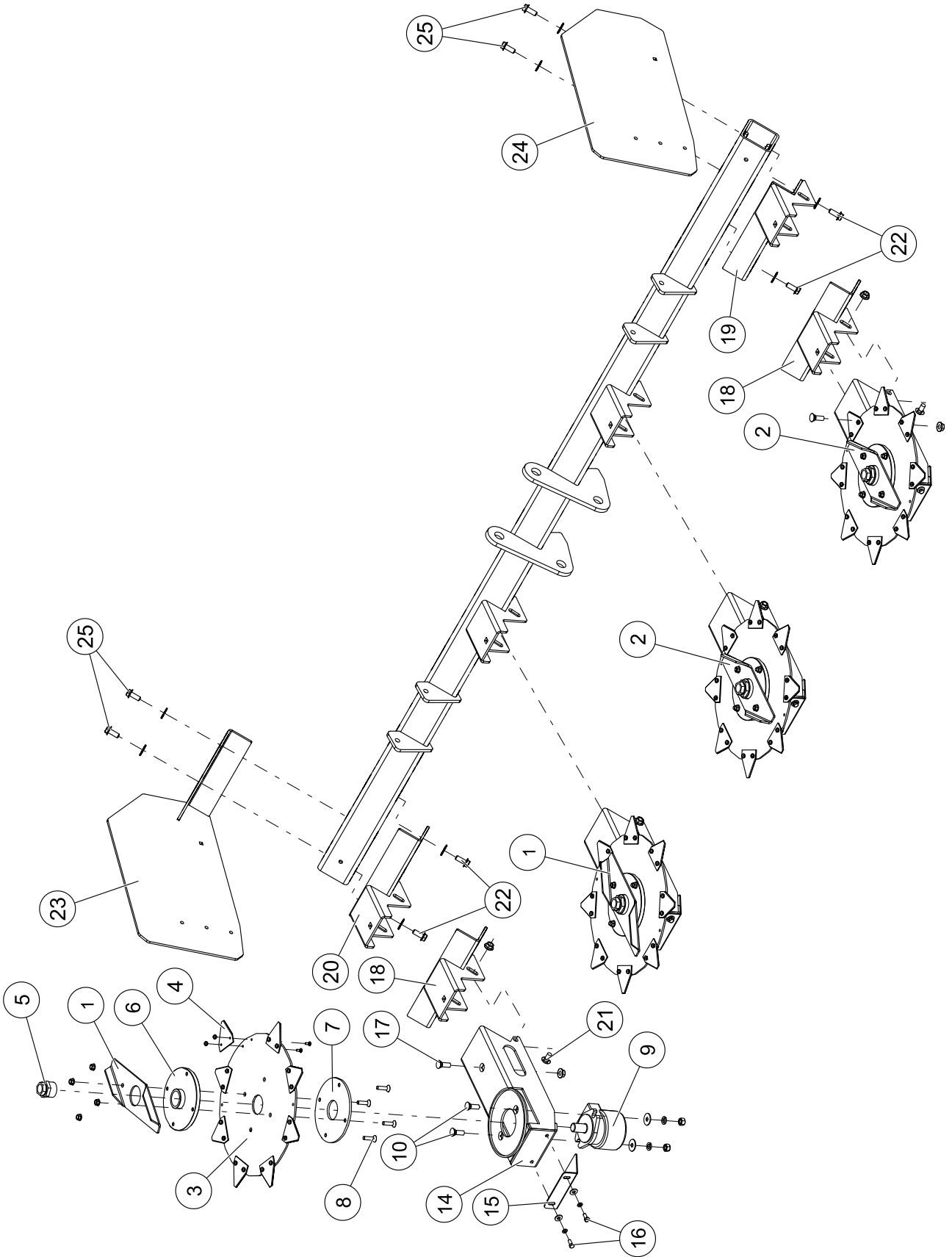
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Quantity	P/N	Belts
2	6050-0110	GATHERING BELT
1	6050-1111	CROSS CONVEYOR BELT FOR 30" ROWS
1	6050-7274	CROSS CONVEYOR BELT FOR 40" ROWS
1	59014	FEEDER HOUSE BELT FOR 2430
1	59016	FEEDER HOUSE BELT FOR 2460/2475/84XX

Quantity	P/N	Hydraulics
1	6050-1113	CUTTER MOTOR
1	6005-1614	SEAL KIT CUTTER MOTOR
1	6050-0114	GATHERING BELT DRIVE MOTOR
1	41516	SEAL KIT GATHERING BELT DRIVE MOTOR
1	403586	STRIPPER ROLLER MOTOR
1	403640	SEAL KIT STRIPPER ROLLER MOTOR
1	48512	SEAL KIT GAUGE WHEEL CYLINDER
1	43017	SEAL KIT BELT FRAME 2 3/4 CYLINDER
1	43018	SEAL KIT BELT FRAME 2 1/2 CYLINDER
1	6005-2574	CROSS CONVEYOR MOTOR
1	43517	SEAL KIT CROSS CONVEYOR MOTOR
1	42856	FEEDER HOUSE DRIVE MOTOR FOR 84XX
1	404729	SEAL KIT FEEDER HOUSE DRIVE MOTOR FOR 84XX

Quantity	P/N	Misc.
8	6050-0169	SICKLE BLADE
16	98906	SICKLE BOLT
16	98907	SICKLE NUT
2	6050-0010	STRIPPER ROLLER IDLER
1	44147	SAE O-RING KIT
1	44050	SAE CAP & PLUG KIT

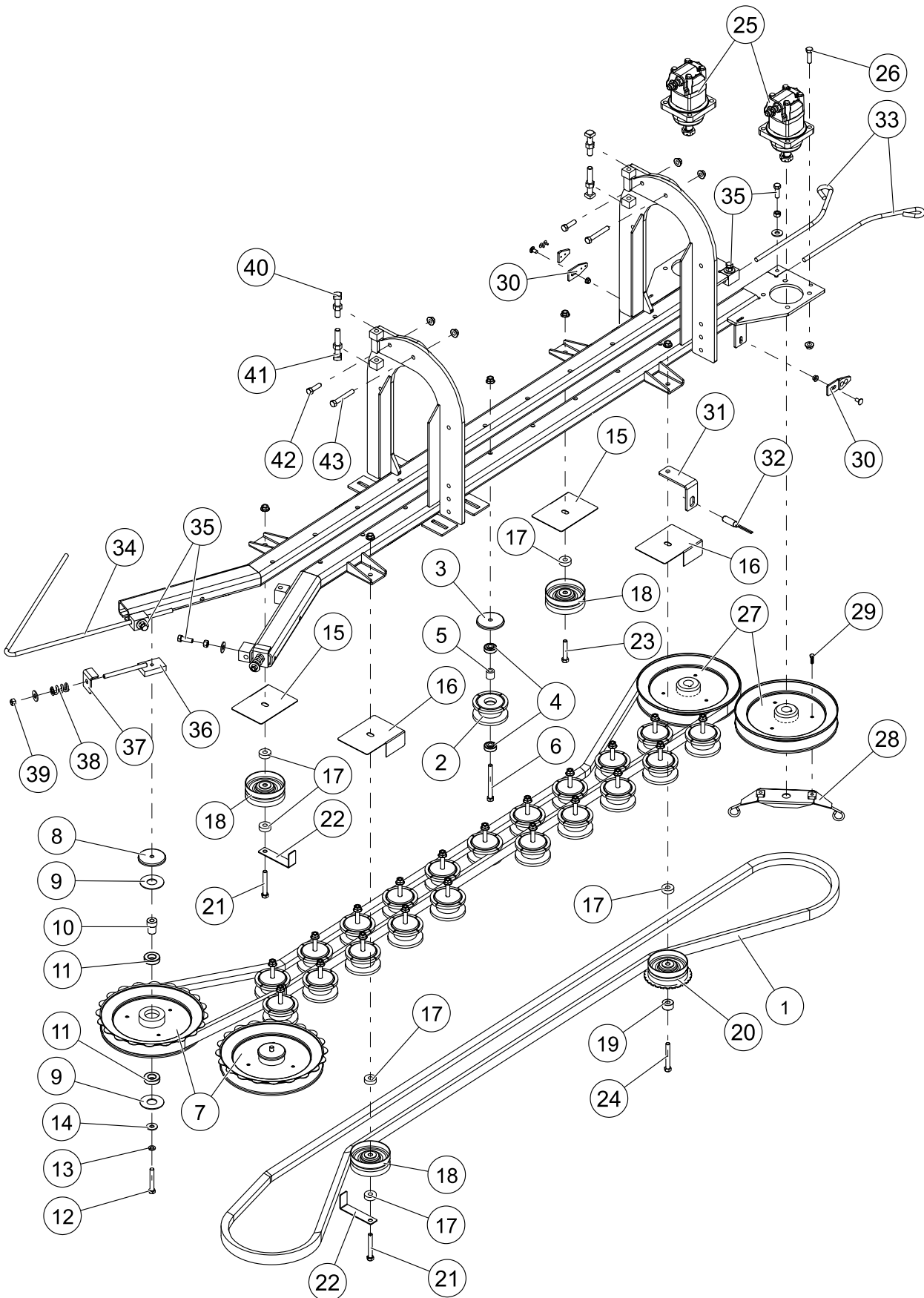
CUTTER DISCS & RELATED PARTS



CUTTER DISCS & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	6050-1130	FLIPPER TRANS-TORQUE RH	2
2	6050-1131	FLIPPER TRANS-TORQUE L.H	2
3	6050-7115	ASSEMBLY MOWER DISC TRAN	4
4	6050-0169	SICKLE BLADE	32
-	98906	SICKLE BOLT	64
-	98907	SICKLE NUT	64
5	0001-0191	BUSH,TRANSTORQUE, 1"	4
6	6050-1127	HUB MOWER BLADE	4
7	6050-1129	ANTI-WRAP DISC	4
8	0002-0874	BLT,FLTHD SKT,3/8-16X-	16
-	0002-0470	NUT, 3/8-16, WHIZLOC, GR5,	16
9	6050-1113	HYD MOTOR CUTTER NICHOLS	4
-	6005-1614	SEAL KIT,6050-1113 CUTTER	A.R.
-	6050-1126	KEY	4
10	93313	BOLT,PLOW,1/2-13X1-1/2	8
11	93604	WASHER,7/16,FLAT	8
12	93580	WASHER,1/2,SPLIT LOCK	8
13	93455	NUT,1/2-13,HEX,GR5	8
14	6050-3090	CUTTER MOTOR MOUNT WELD	4
15	6050-3094	SKID PLATE	4
16	93027	HHCS,5/16-18X3/4,GR5	8
-	93577	WASHER,5/16,SPLIT LOCK PLTD	8
-	93602	WASHER,5/16,FLAT	8
17	93313	BOLT,PLOW,1/2-13X1-1/2	4
-	93525	NUT,1/2-13,WHIZLOC,GR5	4
18	6050-3074	CUTTER MOUNT (USED FOR 30" ROW SPACING)	2
19	6050-7222	CUTTER MOUNT RH, 40" (USED FOR 40" ROW SPACING)	1
20	6050-7223	CUTTER MOUNT LH, 40" (USED FOR 40" ROW SPACING)	1
21	93214	BOLT,CARR,1/2-13X1	8
-	93525	NUT,1/2-13,WHIZLOC,GR5	8
22	94191	HHWZ,1/2-13X1-1/4	4
-	93605	WASHER,1/2,FLAT	4
-	93525	NUT,1/2-13,WHIZLOC,GR5	4
23	6050-3053	CUTTER GUARD R.H.	1
24	6050-3054	CUTTER GUARD L.H.	1
25	94191	HHWZ,1/2-13X1-1/4	4
-	93605	WASHER,1/2,FLAT	4
-	93525	NUT,1/2-13,WHIZLOC,GR5	4

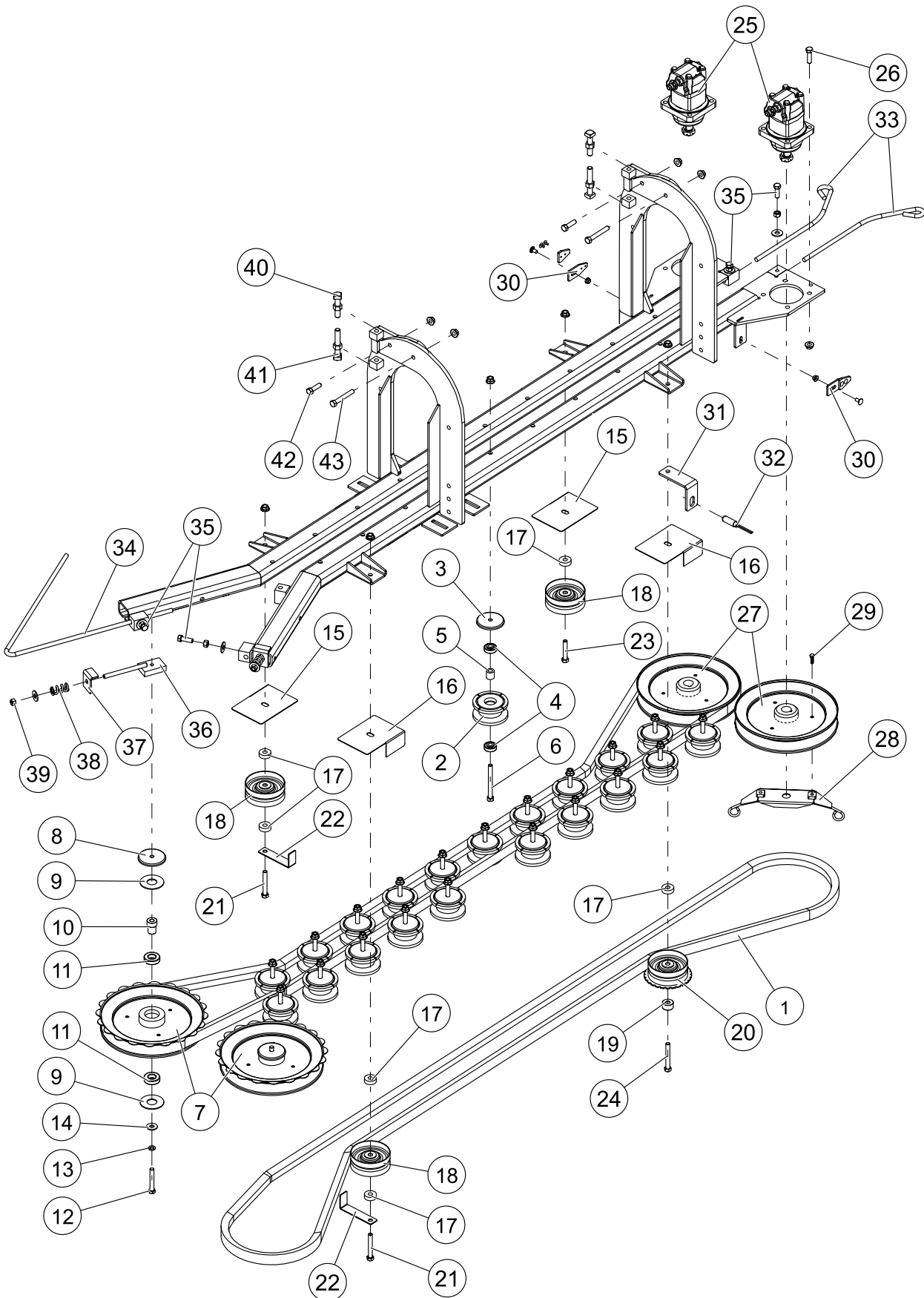
V-BELT ASSEMBLY & RELATED PARTS



V-BELT ASSEMBLY & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	6050-0110	BELT,V,E 240 -	2
2	6050-0171	PLASTIC IDLER	21
3	6050-1136	BEARING COVER	21
4	6050-0172	BEARING	42
5	6050-3064	ROLLER SPACER	21
6	93092	HHCS,1/2-13X5,GR5	21
-	98975	NUT,1/2-13,OVAL TOPLOCK	21
7	6050-7360	WELDMENT, PULLEY, DRIVEN	2
7	59256	PULLEY, IDLER, HD (OPTIONAL)	2
8	6050-1136	BEARING COVER	2
9	1027-0123	UHMW PLASTIC WASHER	4
10	6050-0004	BUSHING BELT IDLERS	2
11	6001-0707	BRG,1X2X.562 RADIAL	4
12	93087	HHCS,1/2-13X3-1/4,GR5	2
13	93580	WASHER,1/2,SPLIT LOCK	2
14	93605	WASHER,1/2,FLAT	2
15	6050-3132	SHIELD BACK SIDE IDLER R	2
16	6050-3131	SHIELD BACK SIDE IDLER L	2
17	9001-0110	SPACER-BAR ROUND -00 H	6
18	6050-0160	IDLER FLAT	3
19	6050-0174	WASHER,-75 OD X .53 ID (USED ON INSIDE RH GATHERING BELT ASSEMBLY ONLY)	1
20	6050-0196	WELDMENT TACH IDLER BACK (USED ON INSIDE RH GATHERING BELT ASSEMBLY ONLY, ALL OTHERS USE ITEM 18)	1
21	93088	HHCS,1/2-13X3-1/2,GR5	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	2
22	6050-0175	ARM	2
23	93085	HHCS,1/2-13X2-3/4,GR5	1
-	93525	NUT,1/2-13,WHIZLOC,GR5	1
24	93089	HHCS,1/2-13X3-3/4,GR5 (USED ON INSIDE RH GATHERING BELT ASSEMBLY ONLY, ALL OTHERS USE ITEM 21)	1
-	93525	NUT,1/2-13,WHIZLOC,GR5	1
25	6050-0114	MTR,GRTR,158CC	2
-	41516	SEAL KIT	A.R.
-	1006-0175	KEY .312 X .312 X 1.000	2
26	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	1
-	93525	NUT,1/2-13,WHIZLOC,GR5	1
27	6050-7380	WELDMENT,PULLEY,DRIVER	2
27	59257	PULLEY,DRIVER,HD (OPTIONAL)	2
28	6050-7383	CORNSTALK SPINNER	1
29	93028	HHCS,5/16-18X1,GR5	1
30	6050-0094	PULLEY SCRAPER ASSY	2
-	1027-0118	UHMW POINT	2
-	93846	RIVET,POP,3/16-.376-.500	4

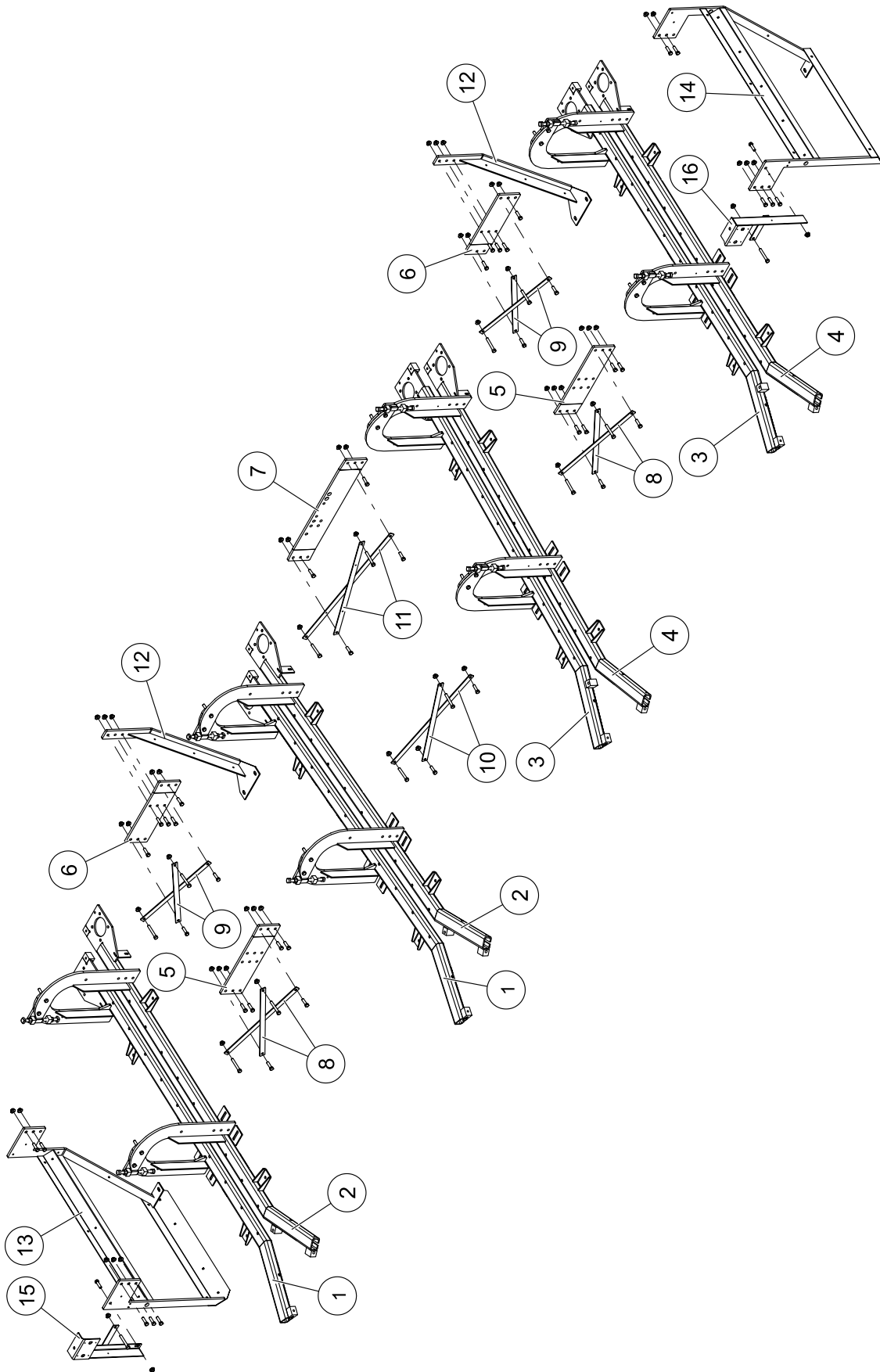
V-BELT ASSEMBLY & RELATED PARTS



V-BELT ASSEMBLY & RELATED PARTS
(continued)

KEY	P/N	DESCRIPTION	QTY
-	93188	BOLT,CARR,3/8-16X3/4	2
-	93523	NUT,3/8-16,WHIZLOC,GR5	2
31	6050-0129	TAC MTG-DIGITAL PLATE .2 (USED ON INSIDE RH GATHERING BELT ASSEMBLY ONLY)	1
32	6020-1195	SENSOR,MAGNETIC PICKUP (USED ON INSIDE RH GATHERING BELT ASSEMBLY ONLY)	1
33	6050-0093	GUIDE ROD	2
34	6050-0096	BAR ROUND .500 HR INSIDE POINT(SHOWN, 3 TOTAL)	1
34	6050-0097	OUTSIDE POINT (NOT SHOWN, 2 TOTAL)	1
35	93080	HHCS,1/2-13X1-1/2,GR5 PLTD	4
-	93455	NUT,1/2-13,HEX,GR5	4
-	93605	WASHER,1/2,FLAT	4
36	6050-0020	WELDMENT TAKE UP	2
37	6050-0018	TIGHTENER	2
38	1025-0006	SPRING COMPR. .218 WIRE	2
39	93519	NUT,1/2-13,TOP LOCK	2
-	93605	WASHER,1/2,FLAT	2
40	0002-0856	SCREW SET SQ HD	2
-	93457	NUT,5/8-11,HEX,GR5 UNC,RH,PLTD	2
41	0002-0873	SCREW SET SQ HD,	2
-	93457	NUT,5/8-11,HEX,GR5 UNC,RH,PLTD	2
42	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	2
43	0002-0649	HHCS,1/2-13X3-1/2	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	2

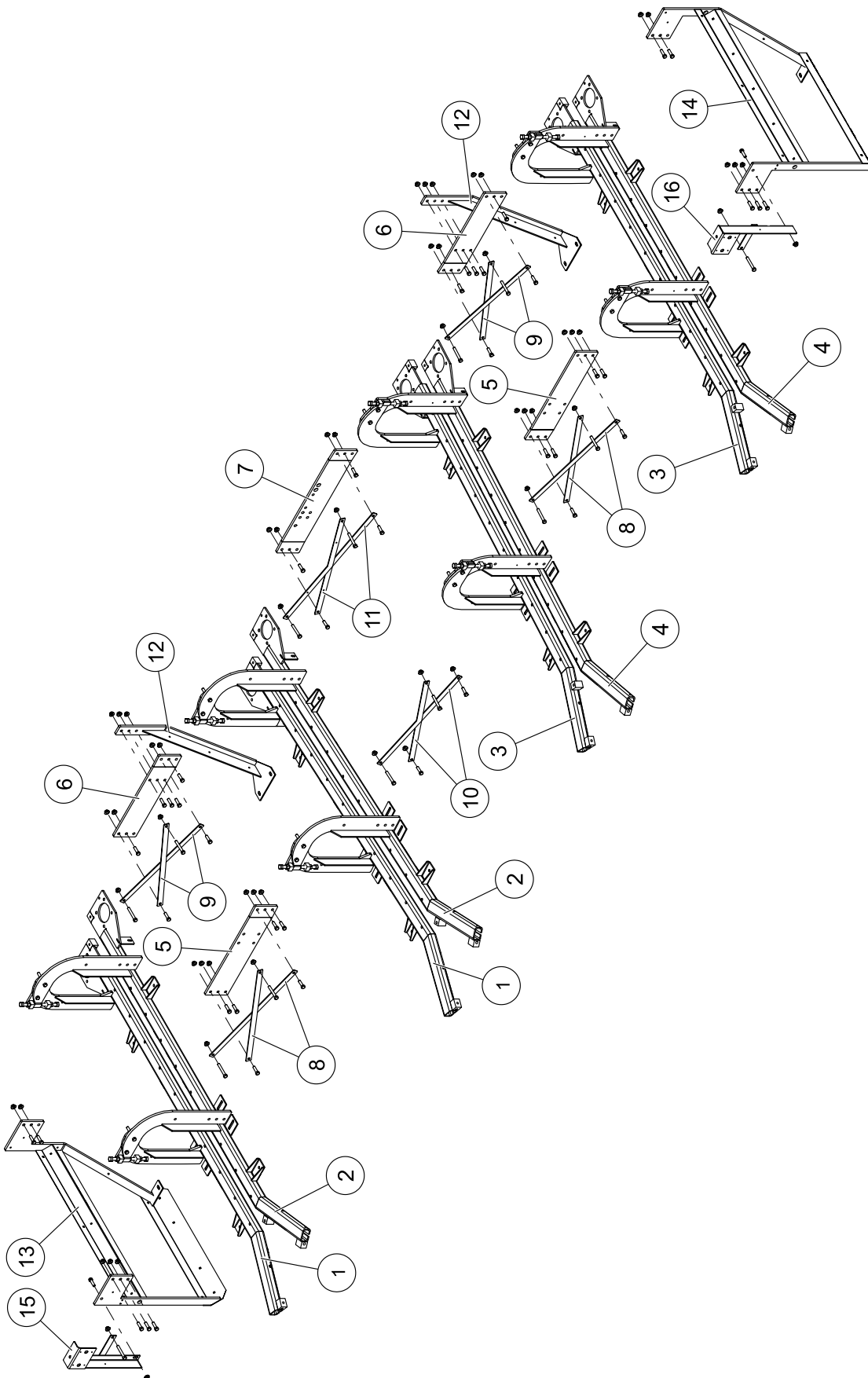
30" ROW SPACING BELT FRAME & RELATED PARTS



30" ROW SPACING BELT FRAME & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	6050-0024	WELDMENT BELT FRAME OUTS	2
2	6050-0023	WELDMENT BELT FRAME INSI	2
3	6050-0022	WELDMENT BELT FRAME INSI	2
4	6050-0025	WELDMENT BELT FRAME OUTS	2
5	6050-7338	CROSS ARM,OUTSIDE	2
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	8
-	93525	NUT,1/2-13,WHIZLOC,GR5	8
6	6050-1050	CROSS ARM,REAR OUTSIDE	2
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	4
-	93525	NUT,1/2-13,WHIZLOC,GR5	4
7	6050-0054	CROSS ARM,REAR	1
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	2
8	6050-1051	STRAP,FRONT OUTSIDE	4
-	0002-0649	HHCS,1/2-13X3-1/2	4
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	4
-	93525	NUT,1/2-13,WHIZLOC,GR5	8
9	6050-1052	STRAP,REAR OUTSIDE	4
-	0002-0649	HHCS,1/2-13X3-1/2	4
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	4
-	93525	NUT,1/2-13,WHIZLOC,GR5	8
10	6050-0157	STRAP,BELT INFEED FRONT	2
-	0002-0649	HHCS,1/2-13X3-1/2	2
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	4
11	6050-0161	STRAP,INFEED BELT REAR	2
-	0002-0649	HHCS,1/2-13X3-1/2	2
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	4
12	6050-1028	WELDMENT ARM STRIPPER RO	2
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	6
-	93525	NUT,1/2-13,WHIZLOC,GR5	6
13	316448	SIDE FRAME,RH,CP400	1
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	5
-	93525	NUT,1/2-13,WHIZLOC,GR5	5
14	316449	SIDE FRAME,LH,CP400	1
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	5
-	93525	NUT,1/2-13,WHIZLOC,GR5	5
15	6007-0890	WELDMENT CP LIGHT BRKT	1
16	6007-0891	WELDMENT CP LIGHT BRKT	1
-	0002-0649	HHCS,1/2-13X3-1/2	2
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	4

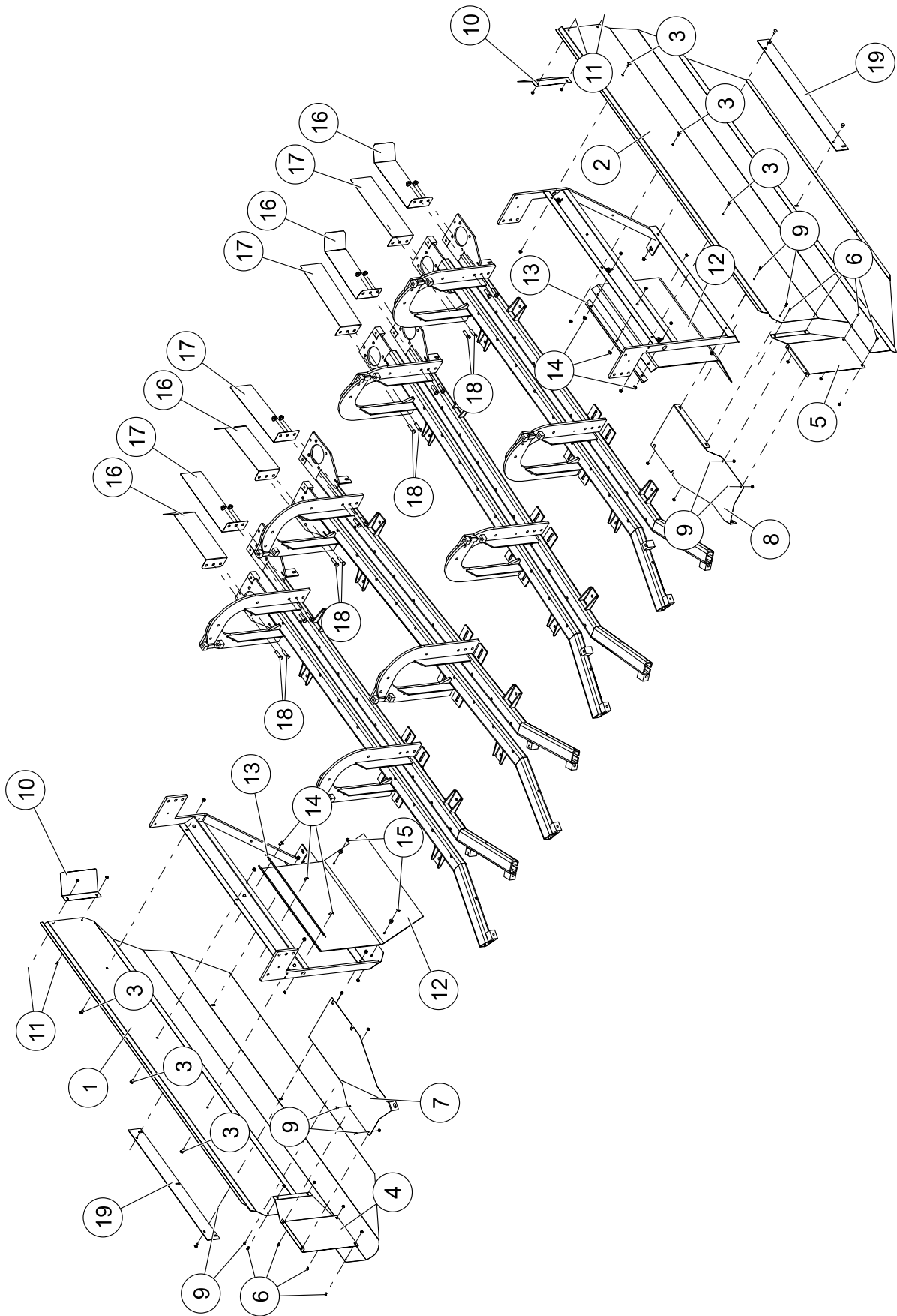
40" ROW SPACING BELT FRAME & RELATED PARTS



40" ROW SPACING BELT FRAME & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	6050-0024	WELDMENT BELT FRAME OUTS	2
2	6050-0023	WELDMENT BELT FRAME INSI	2
3	6050-0022	WELDMENT BELT FRAME INSI	2
4	6050-0025	WELDMENT BELT FRAME OUTS	2
5	6050-7214	CROSS ARM FRONT OUTSIDE	2
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	8
-	93525	NUT,1/2-13,WHIZLOC,GR5	8
6	6050-7213	CROSS ARM REAR OUTSIDE F	2
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	4
-	93525	NUT,1/2-13,WHIZLOC,GR5	4
7	6050-0054	CROSS ARM,REAR	1
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	2
8	6050-7216	STRAP - FRONT OUTSIDE FL	4
-	0002-0649	HHCS,1/2-13X3-1/2	4
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	4
-	93525	NUT,1/2-13,WHIZLOC,GR5	8
9	6050-7215	STRAP REAR OUTSIDE FLAT	3
-	0002-0649	HHCS,1/2-13X3-1/2	5
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	4
-	93525	NUT,1/2-13,WHIZLOC,GR5	8
10	6050-0157	STRAP,BELT INFEED FRONT	2
-	0002-0649	HHCS,1/2-13X3-1/2	2
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	4
11	6050-0161	STRAP,INFEED BELT REAR	2
-	0002-0649	HHCS,1/2-13X3-1/2	2
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	4
12	6050-1028	WELDMENT ARM STRIPPER RO	2
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	6
-	93525	NUT,1/2-13,WHIZLOC,GR5	6
13	316448	SIDE FRAME,RH,CP400	1
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	5
-	93525	NUT,1/2-13,WHIZLOC,GR5	5
14	316449	SIDE FRAME,LH,CP400	1
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	5
-	93525	NUT,1/2-13,WHIZLOC,GR5	5
15	6007-0890	WELDMENT CP LIGHT BRKT	1
16	6007-0891	WELDMENT CP LIGHT BRKT	1
-	0002-0649	HHCS,1/2-13X3-1/2	2
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	4

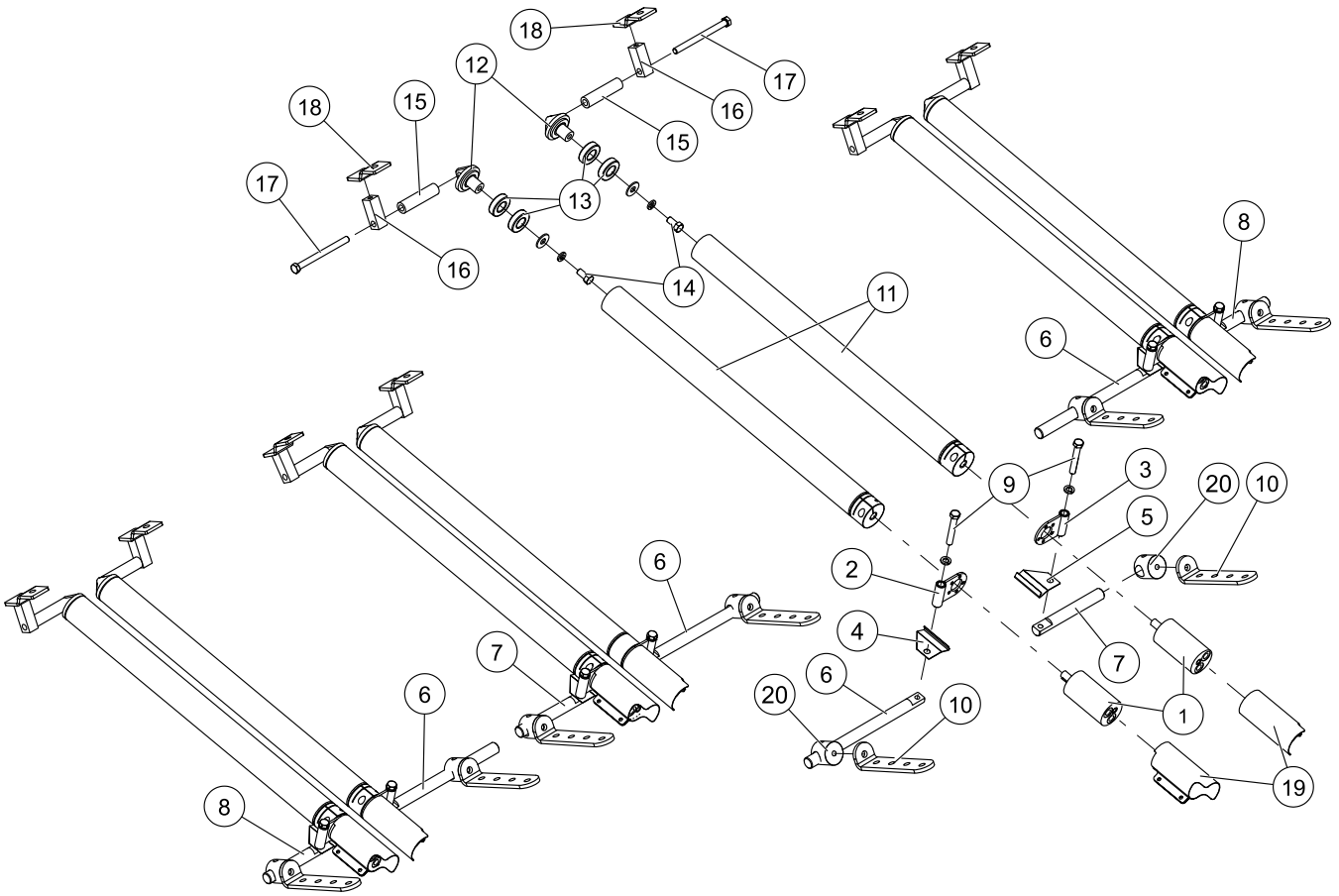
BELT FRAME SHIELDS & RELATED PARTS



BELT FRAME SHIELDS & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	228370	SHIELD,RH,GATHERING BELT	1
2	228371	SHIELD,LH,GATHERING BELT	1
3	93163	BOLT,CARR,5/16-18X3/4	6
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	6
4	228374	PANEL,FRONT,RH SHIELD	1
5	228375	PANEL,FRONT,LH SHIELD	1
6	93001	HHCS,1/4-20X1/2,GR5	8
-	93520	NUT,1/4-20,WHIZLOC,GR5	8
7	228372	SHIELD,FRONT PULLEY,RH	1
8	228373	SHIELD,FRONT PULLEY,LH	1
9	93001	HHCS,1/4-20X1/2,GR5	8
-	93520	NUT,1/4-20,WHIZLOC,GR5	8
10	228379	GUARD,REAR PULLEY	2
11	93001	HHCS,1/4-20X1/2,GR5	4
-	93520	NUT,1/4-20,WHIZLOC,GR5	4
12	6050-0142	DRAPER BELT	2
13	6050-0143	BACKUP STRIP	2
14	93163	BOLT,CARR,5/16-18X3/4	6
-	0002-0240	NUT NYLOCK, .312-18 ZINC	6
15	0002-0341	BOLT, SLT, RND, 5/16-18 X .75	4
-	93602	WASHER,5/16,FLAT	4
-	0002-0240	NUT NYLOCK, .312-18 ZINC	4
16	6050-0150	PULLEY SHIELD,OUTSIDE	4
17	6050-0149	PULLEY SHIELD,INSIDE	4
18	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	16
-	93525	NUT,1/2-13,WHIZLOC,GR5	16
19	229241	BRKT,SHIELD SUPPORT	2
-	0002-0083	BOLT CRG .312-18 X .750 GR5 ZINC	4
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	4

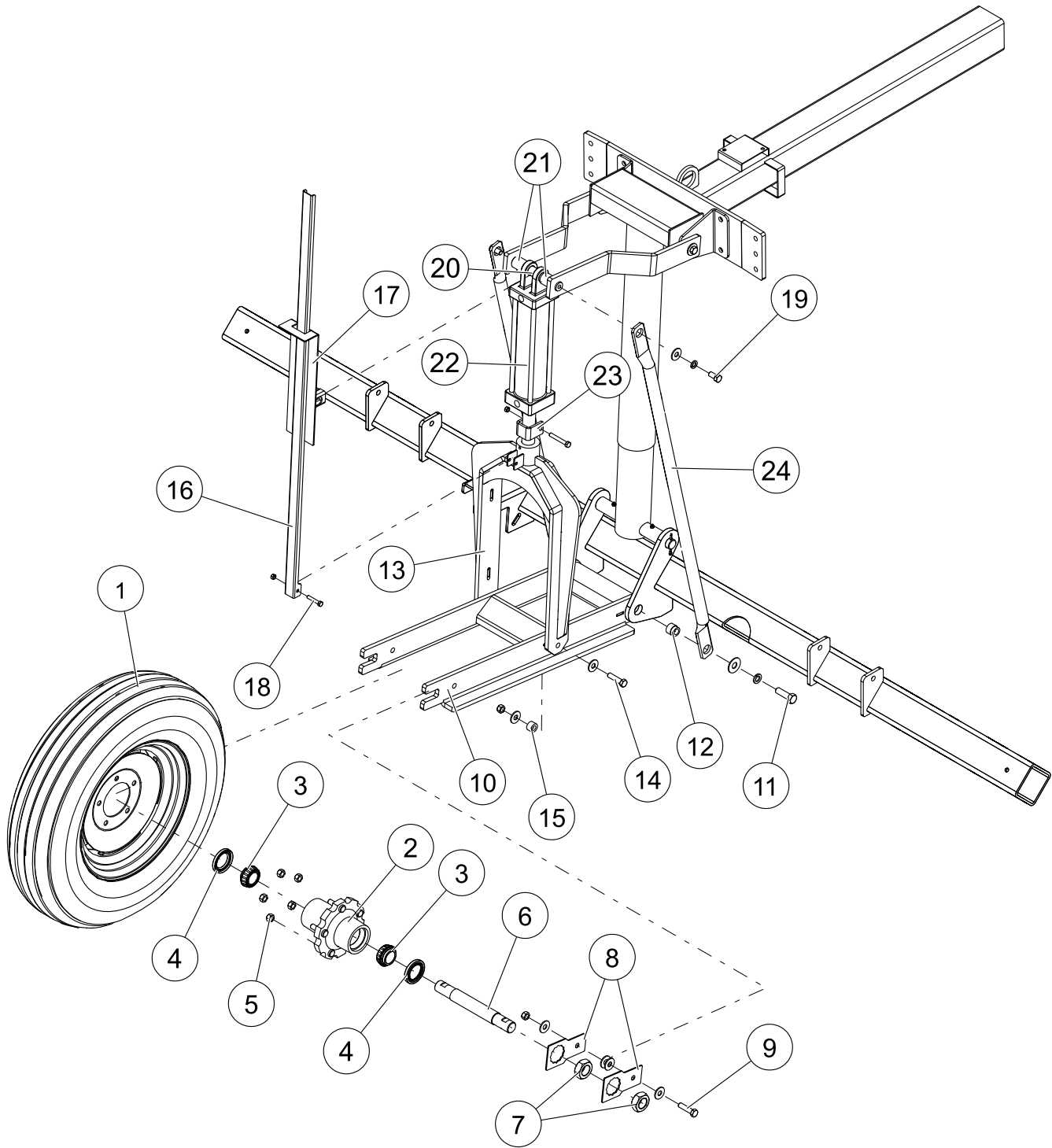
STRIPPER ROLLERS & RELATED PARTS



STRIPPER ROLLERS & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	403586	MTR,GRTR,032CC	8
-	403640	SEAL KIT FOR 403586 MTR VITON,SAUER	A.R.
-	56084	KEY,3/16 X 3/4	8
2	6050-0305	MOTOR PLATE,RH,	1
3	6050-0306	MOTOR PLATE,LH,	1
-	0002-0833	BOLT FLTHD SKT .250-28 X -	40
4	6050-0221	GRASS WIPER LH PLATE 18	1
5	6050-0222	GRASS WIPER RH PLATE 18	1
6	6050-0100	STRIPPER BAR	4
7	6050-3065	STRIPPER BAR - MED. CRS	2
8	6050-0101	STRIPPER BAR,SHORT	2
9	93087	HHCS,1/2-13X3-1/4,GR5	8
-	93580	WASHER,1/2,SPLIT LOCK	8
10	6050-3056	ADJUSTER ANGLE	8
-	93079	HHCS,1/2-13X1-1/4,GR5 PLTD	8
11	6050-7364	WELDMENT,STRIPPER ROLLER	8
11	56446	WELDMENT,STRIPPER ROLLER, 36.00" (OPTIONAL)	8
-	94478	SHCS,5/16-18X3/4 GR8 BLACK	8
12	6050-0010	BULLNOSE-STRIPPER ROLLER	2
13	6001-0707	BRG,1X2X.562 RADIAL	4
14	0002-0391	HHCS, 1/2-20 X -0, GR8, ZINC	2
-	93580	WASHER,1/2,SPLIT LOCK	7
-	93605	WASHER,1/2,FLAT	8
15	6050-0011	SPACER TUBE	8
16	6050-3066	ADJUSTING POST	8
-	0002-0656	BOLT HX HD .500-13 X - 50 GR5 PLN	8
17	0002-0847	BOLT HX HD .500-20 X - 00 GR5 ZINC	2
18	6050-0315	ANGLE PLATE	8
-	0002-0656	BOLT HX HD .500-13 X - 50 GR5 PLN	8
-	6050-3064	ROLLER SPACER	8
19	6050-7368	MOTOR COVER	2
20	6050-0015	CLAMP	8
-	93078	HHCS,1/2-13X1,GR5 PLTD	8
-	93079	HHCS,1/2-13X1-1/4,GR5 PLTD	8

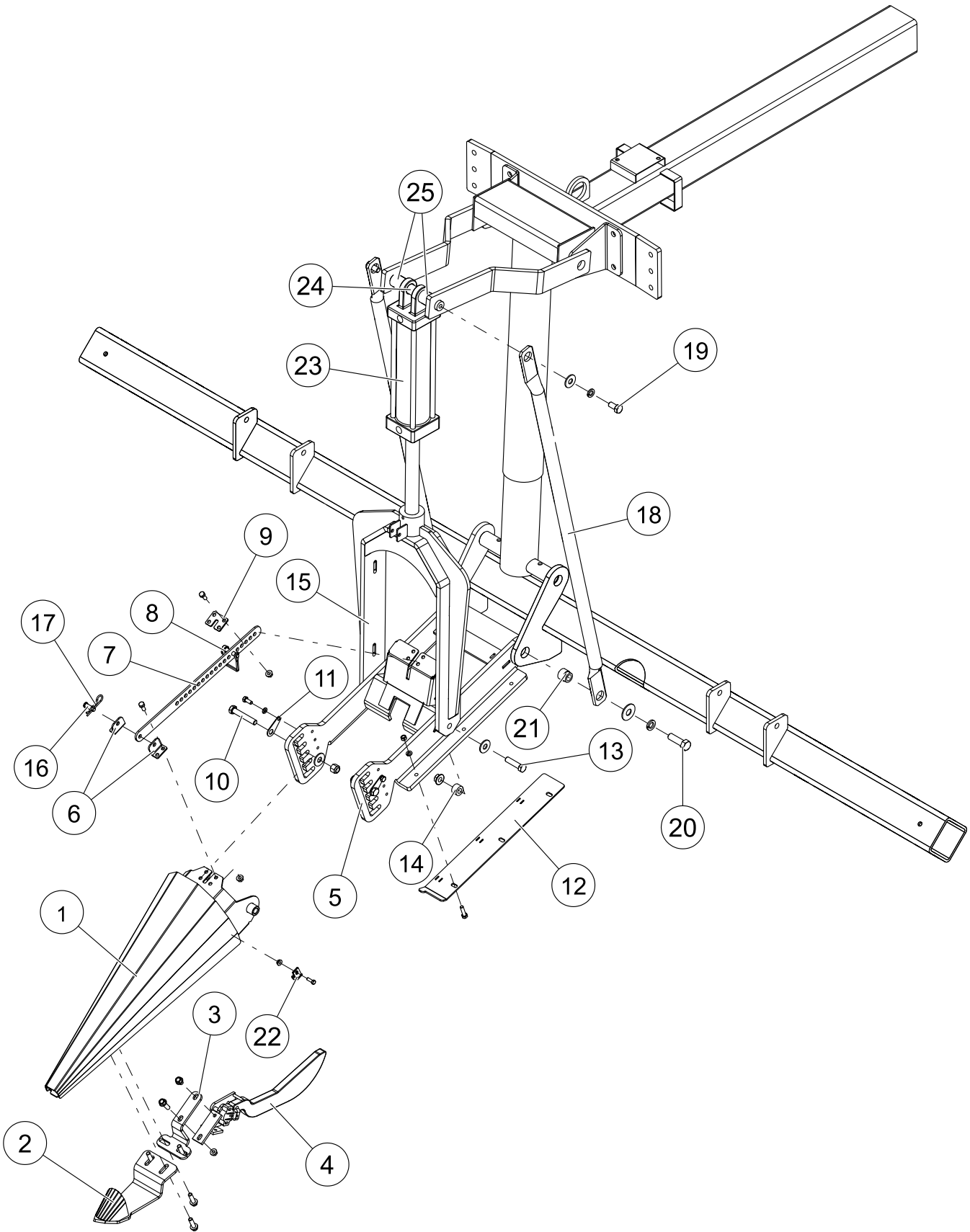
GAUGE WHEEL OPTION & RELATED PARTS



GAUGE WHEEL OPTION & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	6050-0197	ASSEMBLY CORN PULLER TIRE	1
-	6050-0116	WHEEL 15 5-BOLT, - B	1
-	6050-0117	TIRE -0 X 15 8 PLY TUB	1
2	59801	STRADDLE HUB ASSY (INCLUDES ITEMS 3-5)	1
-	50188	BRG,1.1811X2.717CUP ROLLER	2
-	6050-0270	WHEEL STUD 5-20 X 1.625	5
3	1015-0244	BRG,1-3/8X-52 CONE .03 RA	2
4	1015-0105	SEAL,1-3/4 SHAFT X -22 OD	2
5	1012-0081	NUT LUG .500-20 X 90 DGR CONE	5
6	6050-0056	SPINDLE	1
7	93496	NUT,1-1/4-12,HEX JAM	4
8	6050-0058	KEEPER	4
9	93082	HHCS,1/2-13X2,GR5	2
-	93605	WASHER,1/2,FLAT	8
-	93519	NUT,1/2-13,TOP LOCK	2
10	6050-7352	WELDMENT, FORK	1
11	93106	HHCS,5/8-11X2,GR5	2
-	93582	WASHER,5/8,SPLIT LOCK	2
-	93607	WASHER,5/8,FLAT	2
12	6050-3026	STEP BUSHING,FORK	2
13	6050-7356	WELDMENT, FORK	1
14	93082	HHCS,1/2-13X2,GR5	2
-	93605	WASHER,1/2,FLAT	4
-	93519	NUT,1/2-13,TOP LOCK	2
15	6050-0154	BUSHING	2
16	6050-7355	GAUGE STICK	1
17	6050-7358	WELDMENT, GUIDE	1
18	93031	HHCS,5/16-18X1-3/4,GR5	1
19	93078	HHCS,1/2-13X1,GR5	2
-	93580	WASHER,1/2,SPLIT LOCK	2
-	93605	WASHER,1/2,FLAT	2
20	6050-3006	HYD CYL PIN, TOP	1
21	6050-3007	SPACER BUSHING	2
22	9003-0112	CYL,3X10 TIE ROD	1
-	48512	SEAL KIT,PRINCE SAE-33	A.R.
23	6050-1107	CYLINDER STOP PLATE .250	1
-	93059	HHCS,3/8-16X2-1/2,GR5	1
-	93541	NUT,5/16-18,OVAL TOPLOCK	1
24	6050-3025	STRUT	2

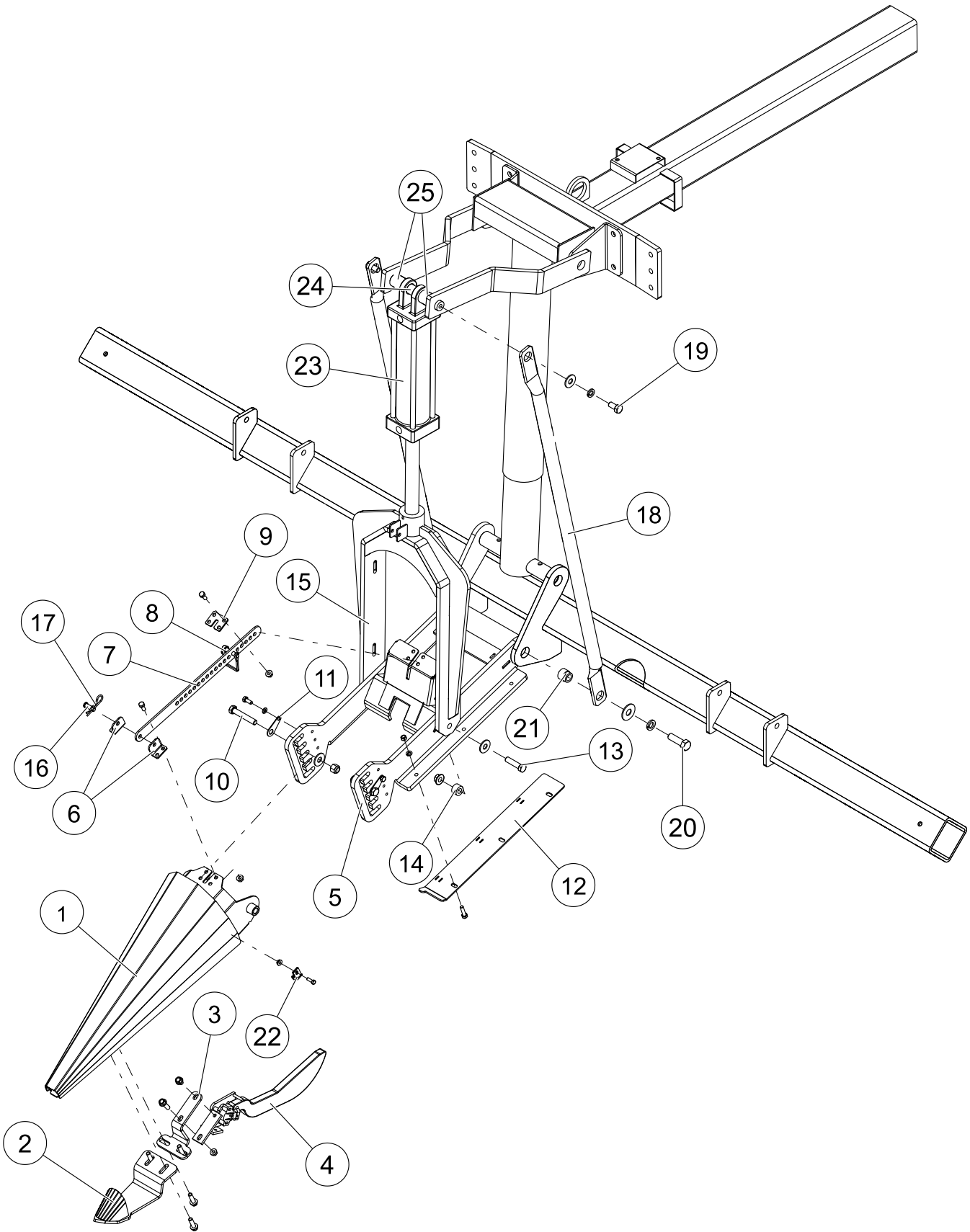
HEAD SIGHT OPTION & RELATED PARTS



HEAD SIGHT OPTION & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	316495	SNOUT,CP400 HEADSIGHT	1
2	314430	SHOE,20	1
-	94436	HHWZ,3/8-16X1-1/4 GR5 ZN	2
3	217093	MNT,HEAD HEIGHT SENSOR	1
-	94436	HHWZ,3/8-16X1-1/4 GR5 ZN	2
4	73183	SENSOR ASSY,AHHC	1
-	72544	SENSOR,ROTARY,5K OHM	1
-	94436	HHWZ,3/8-16X1-1/4 GR5 ZN	1
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	1
-	98709	HHWZ,3/8-16X1/2,GR5,ZN	1
-	74507	HARN,CP400,AUTO HEIGHT	2
5	316496	FORK,CP400 HEADSIGHT	1
6	228605	BRACKET,SNOUT ADJ	2
-	93027	HHCS,5/16-18X3/4,GR5	4
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	4
7	228606	LINKAGE,SNOUT ADJ	1
8	98913	PIN,LYNCH,3/8X1-3/8	1
9	230055	LOCK PLATE	1
-	93027	HHCS,5/16-18X3/4,GR5	4
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	4
10	93086	HHCS,1/2-13X3,GR5	2
-	93605	WASHER,1/2,FLAT	2
-	94461	NUT,1/2-13,NYLON LOCK	2
11	228607	LOCK PLATE	2
-	93027	HHCS,5/16-18X3/4,GR5	2
-	93577	WASHER,5/16,SPLIT LOCK PLTD	2
12	228608	SKID PLATE,FORK HARNESS	1
-	93029	HHCS,5/16-18X1-1/4,GR5	3
-	93577	WASHER,5/16,SPLIT LOCK PLTD	3
-	93541	NUT,5/16-18,OVAL TOPLOCK	3
13	93082	HHCS,1/2-13X2,GR5	2
-	93605	WASHER,1/2,FLAT	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	2
14	6050-0154	BUSHING	2
15	6050-7356	WELDMENT, FORK	1
16	0002-0425	PIN CLEVIS, 3/8X1-1/8	1
17	0002-0634	PIN,COTTER,Ø3/4 SHAFT	1
18	6050-3025	STRUT	2
19	93078	HHCS,1/2-13X1,GR5	2
-	93580	WASHER,1/2,SPLIT LOCK	2
-	93605	WASHER,1/2,FLAT	2
20	93106	HHCS,5/8-11X2,GR5	2
-	93582	WASHER,5/8,SPLIT LOCK	2
-	93607	WASHER,5/8,FLAT	2

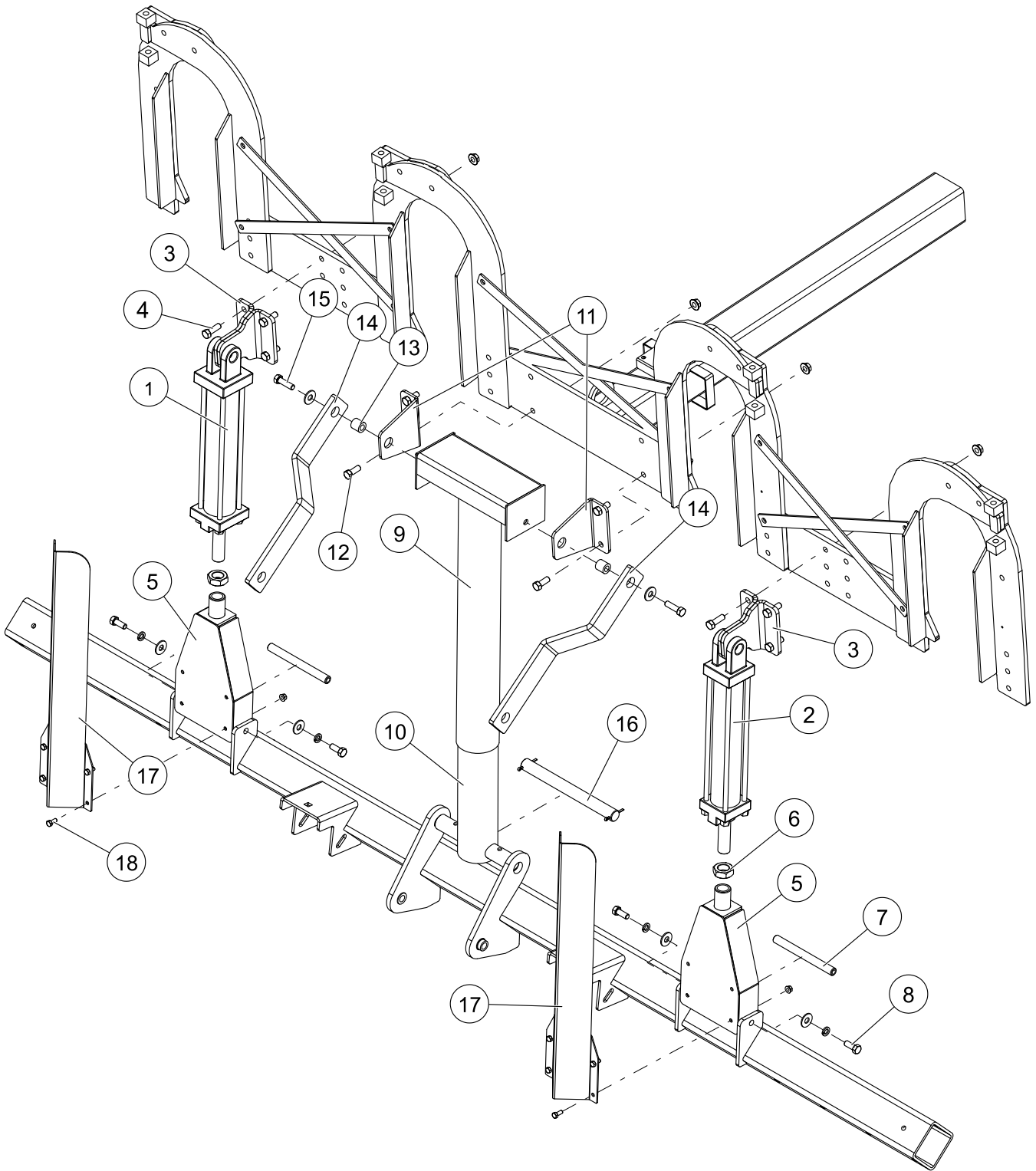
HEAD SIGHT OPTION & RELATED PARTS



HEAD SIGHT OPTION & RELATED PARTS
(continued)

KEY	P/N	DESCRIPTION	QTY
21	6050-3026	STEP BUSHING,FORK	2
22	93877	CLIP,LOOM 1/2	1
-	93002	HHCS,1/4-20X3/4,GR5	1
-	93520	NUT,1/4-20,WHIZLOC,GR5	1
23	9003-0112	CYL,3X10 TIE ROD	1
-	48512	SEAL KIT,PRINCE SAE-33	A.R.
24	6050-3006	HYD CYL PIN, TOP	1
25	6050-3007	SPACER BUSHING	2

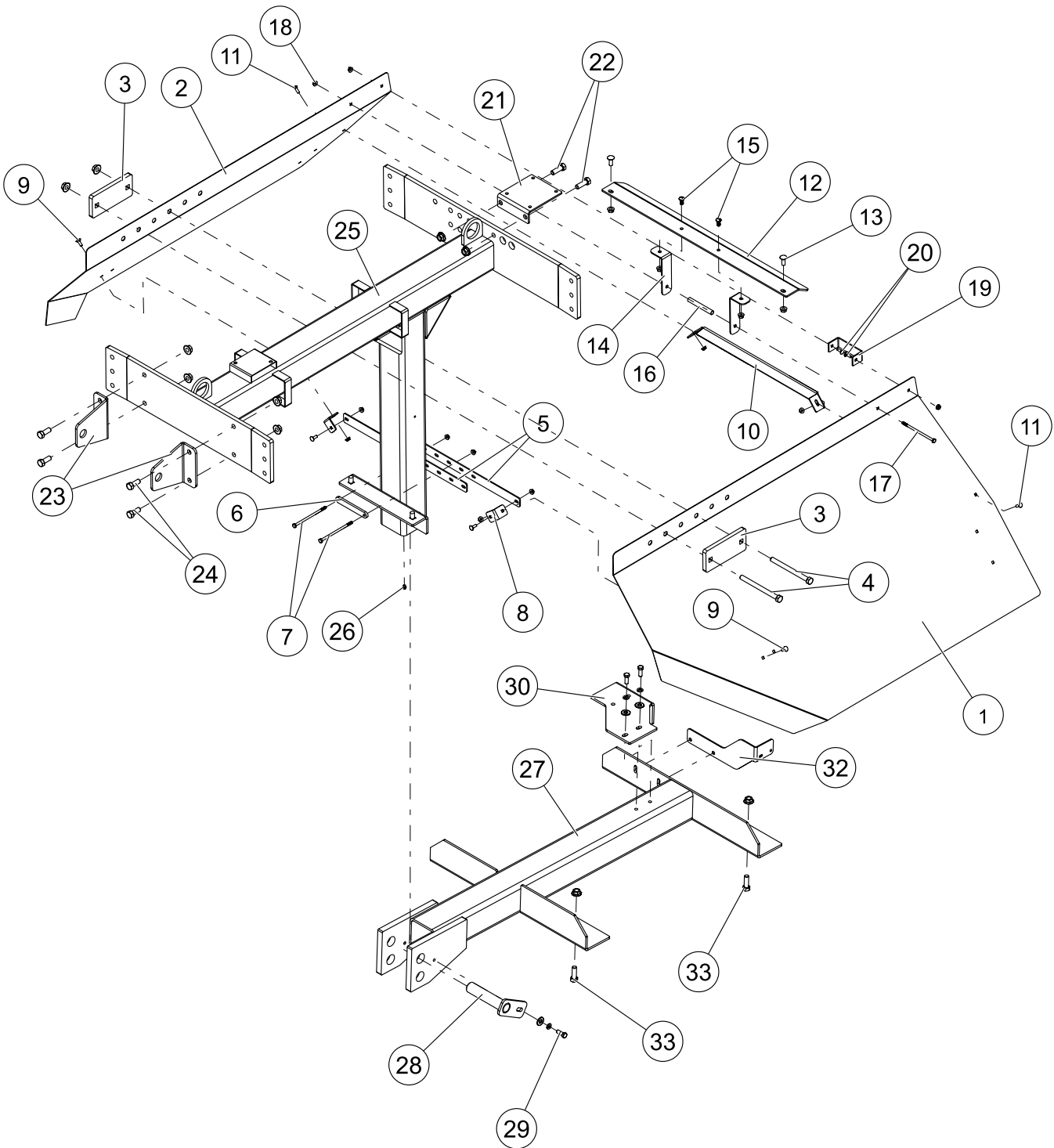
BELT FRAME CYLINDERS & RELATED PARTS



BELT FRAME CYLINDERS & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	44666	CYL,2-3/4X12,TIE ROD SERIES,PAINTED BLACK	1
-	43017	SEAL KIT,CYL 2-3/4	A.R.
2	44665	CYL,2-1/2X12,TIE ROD SERIES,PAINTED BLACK	1
-	43018	SEAL KIT,CYL 2-1/2	A.R.
3	6050-7351	UPPER CYLINDER MOUNT	4
4	93080	HHCS,1/2-13X1-1/2,GR5 PLTD	8
-	93525	NUT,1/2-13,WHIZLOC,GR5 PLTD,SERRATED FLANGE	8
5	6050-7348	WELDMENT, LOWER CYLINDER MOUNT	2
6	93495	NUT,1-1/8-12,HEX JAM	2
7	6050-7343	LOWER CYLINDER PIN	2
8	93079	HHCS,1/2-13X1-1/4,GR5 PLTD	4
-	93580	WASHER,1/2,SPLIT LOCK PLTD	4
-	93605	WASHER,1/2,FLAT PLTD,ANS TYPE A,WIDE	4
9	6050-7345	WELDMENT, UPPER STABILIZER	1
10	6050-7340	WELDMENT, LOWER STABILIZER	1
11	6050-3029	MOUNTING ANGLE PLATE .25 0 HR	2
12	93079	HHCS,1/2-13X1-1/4,GR5 PLTD	4
-	93525	NUT,1/2-13,WHIZLOC,GR5 PLTD,SERRATED FLANGE	4
13	6050-3064	ROLLER SPACER	2
14	6050-3005	A-FRAME FLAT PLATE .500 HR	2
15	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	2
-	93605	WASHER,1/2,FLAT PLTD,ANS TYPE A,WIDE	2
-	93525	NUT,1/2-13,WHIZLOC,GR5 PLTD,SERRATED FLANGE	2
16	6050-7344	STABILIZER PIN	1
-	93681	PIN,COTTER,3/16X2 ZINC PLTD	2
17	6050-7339	CYLINDER COVER	2
18	93027	HHCS,5/16-18X3/4,GR5 PLTD	8
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	8

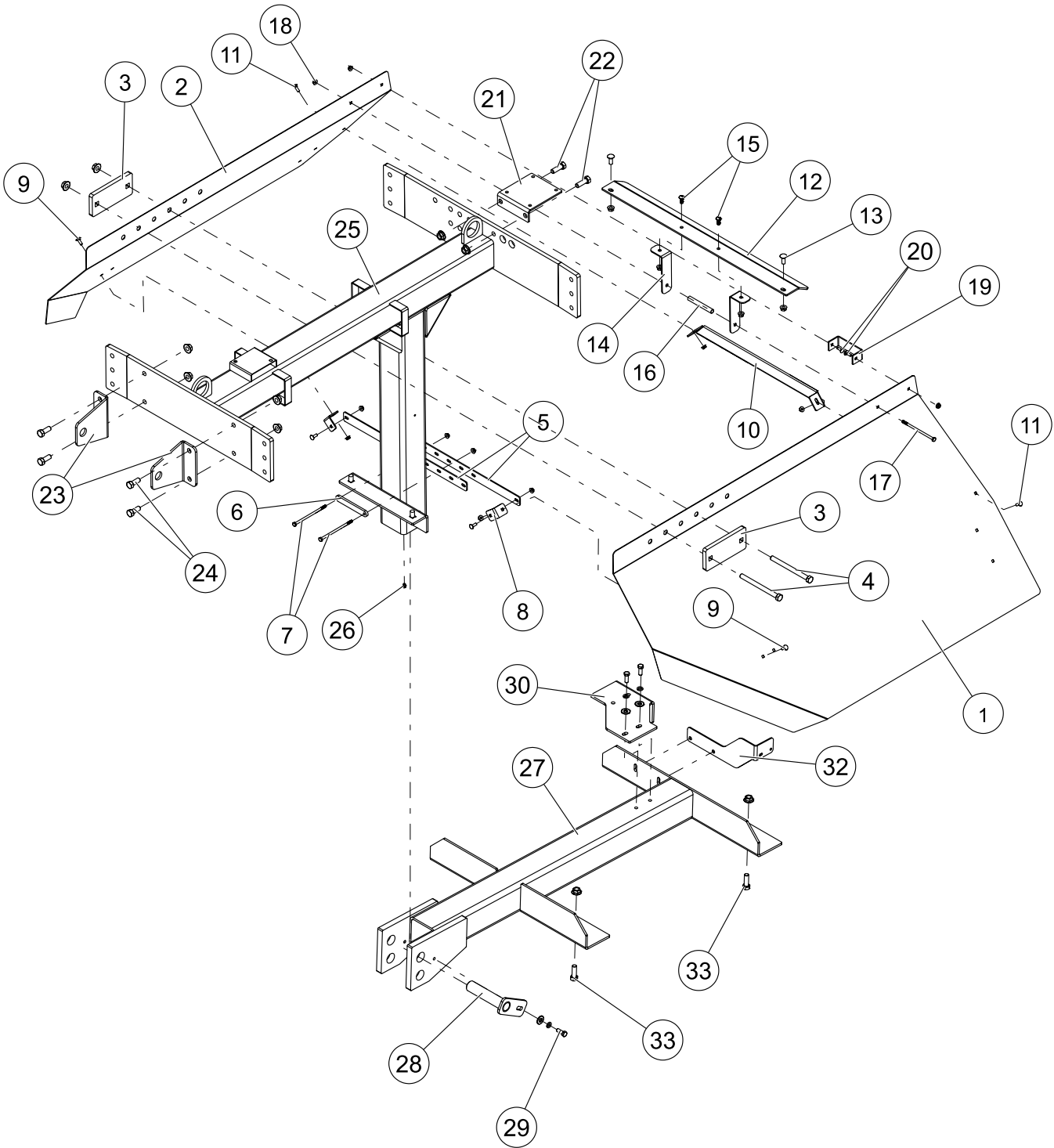
UPRIGHT FRAME & RELATED PARTS



UPRIGHT FRAME & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	6050-0179	PLATE 14 GA GALV LH WIND	1
2	6050-0178	PLATE 14 GA GALV RH WING	1
3	6050-0180	CLAMP	2
4	93094	HHCS,1/2-13X6,GR5	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	2
5	6050-0181	SPREADER FLT	2
6	6050-3069	FLAT PLATE .250 HR	1
7	93016	HHCS,1/4-20X5,GR5	2
-	93520	NUT,1/4-20,WHIZLOC,GR5	2
8	6050-0182	ANGLE	2
-	93254	BOLT,CARR,1/4-20X3/4	2
-	93520	NUT,1/4-20,WHIZLOC,GR5	2
9	93254	BOLT,CARR,1/4-20X3/4	2
-	93520	NUT,1/4-20,WHIZLOC,GR5	2
10	223849	SPANNER,INTAKE SHIELD	1
11	0002-0405	BOLT CRG 1/4-20 X 3/4	2
-	93520	NUT,1/4-20,WHIZLOC,GR5	2
12	6050-0092	HOSE CARRIER	1
13	93189	BOLT,CARR,3/8-16X1	2
-	93523	NUT,3/8-16,WHIZLOC,GR5	2
14	6050-3068	HANGER FLAT HRS 11 GA SH	2
15	0002-0341	BOLT, SLT, RND, 5/16-18 X .75	2
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	2
16	6050-3067	SPCR TUBE .5 OD X .049	1
17	93016	HHCS,1/4-20X5,GR5	1
18	93520	NUT,1/4-20,WHIZLOC,GR5	1
19	6050-0183	CHANNEL	1
20	0002-0405	BOLT CRG 1/4-20 X 3/4	2
-	93520	NUT,1/4-20,WHIZLOC,GR5	2
21	6050-0122	HYD BLOCK MTG	1
22	93080	HHCS,1/2-13X1-1/2,GR5 PLTD	1
-	93525	NUT,1/2-13,WHIZLOC,GR5	2
23	6050-3029	MOUNTING ANGLE PLATE .25	2
24	93079	HHCS,1/2-13X1-1/4,GR5 PLTD	4
-	93525	NUT,1/2-13,WHIZLOC,GR5	4
25	6050-3030	UPRIGHT FRAME	1
26	0002-0275	FTG GREASE .250-28 STRAIGHT	1
27	6050-3037	MOUNTING BEAM WELDMENT	1
28	6050-3034	PIVOT PIN	1
29	93053	HHCS,3/8-16X1,GR5 PLTD	1
-	93578	WASHER,3/8,SPLIT LOCK	1
-	93603	WASHER,3/8,FLAT	1
30	223572	ANGLE,VALVE BRKT,CP400	1

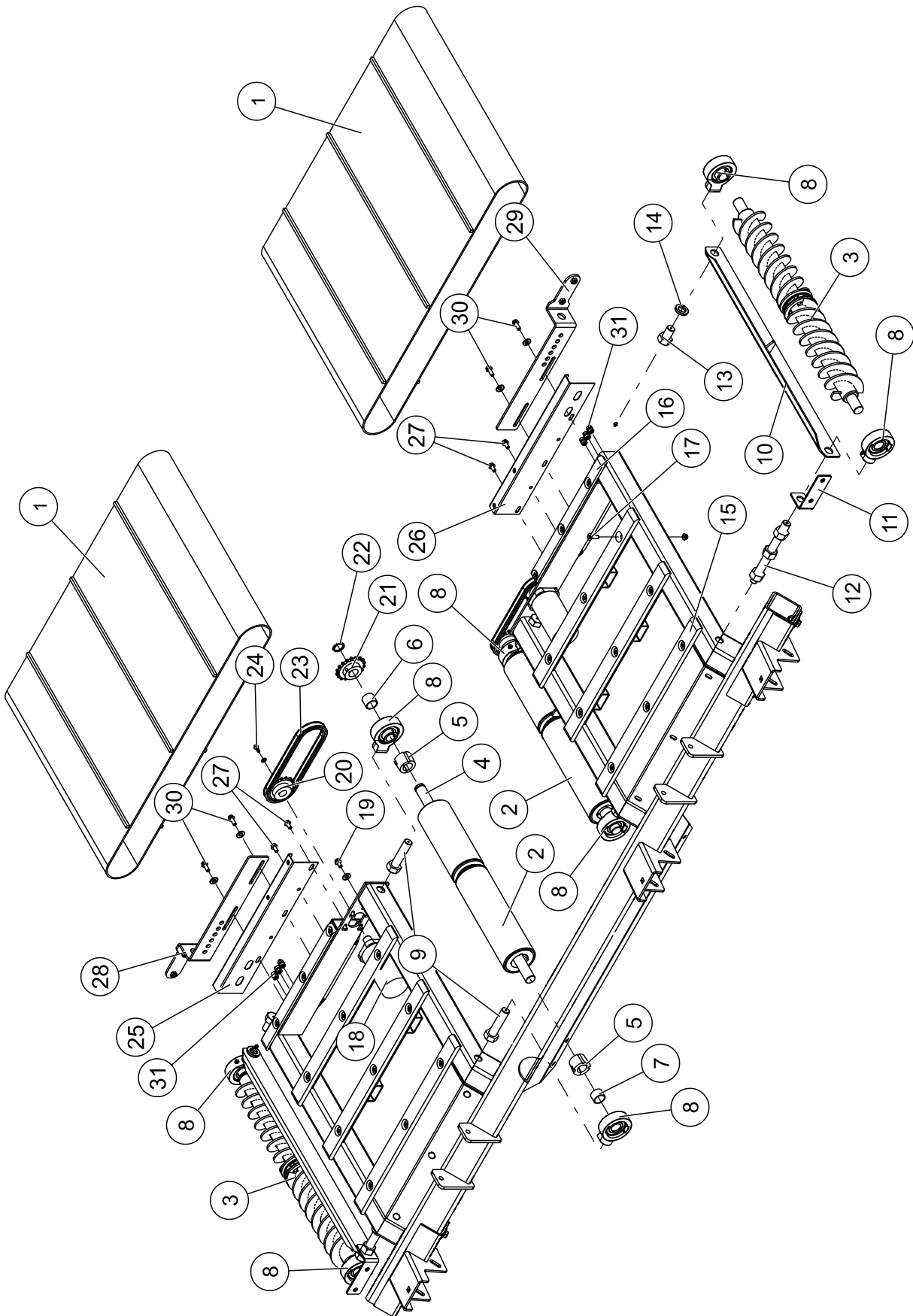
UPRIGHT FRAME & RELATED PARTS



UPRIGHT FRAME & RELATED PARTS
(continued)

KEY	P/N	DESCRIPTION	QTY
31	93053	HHCS,3/8-16X1,GR5 PLTD	2
-	93578	WASHER,3/8,SPLIT LOCK	2
-	93603	WASHER,3/8,FLAT	2
32	227277	ANGLE,CUTTER VLV MNT	1
33	93080	HHCS,1/2-13X1-1/2,GR5 PLTD	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	2

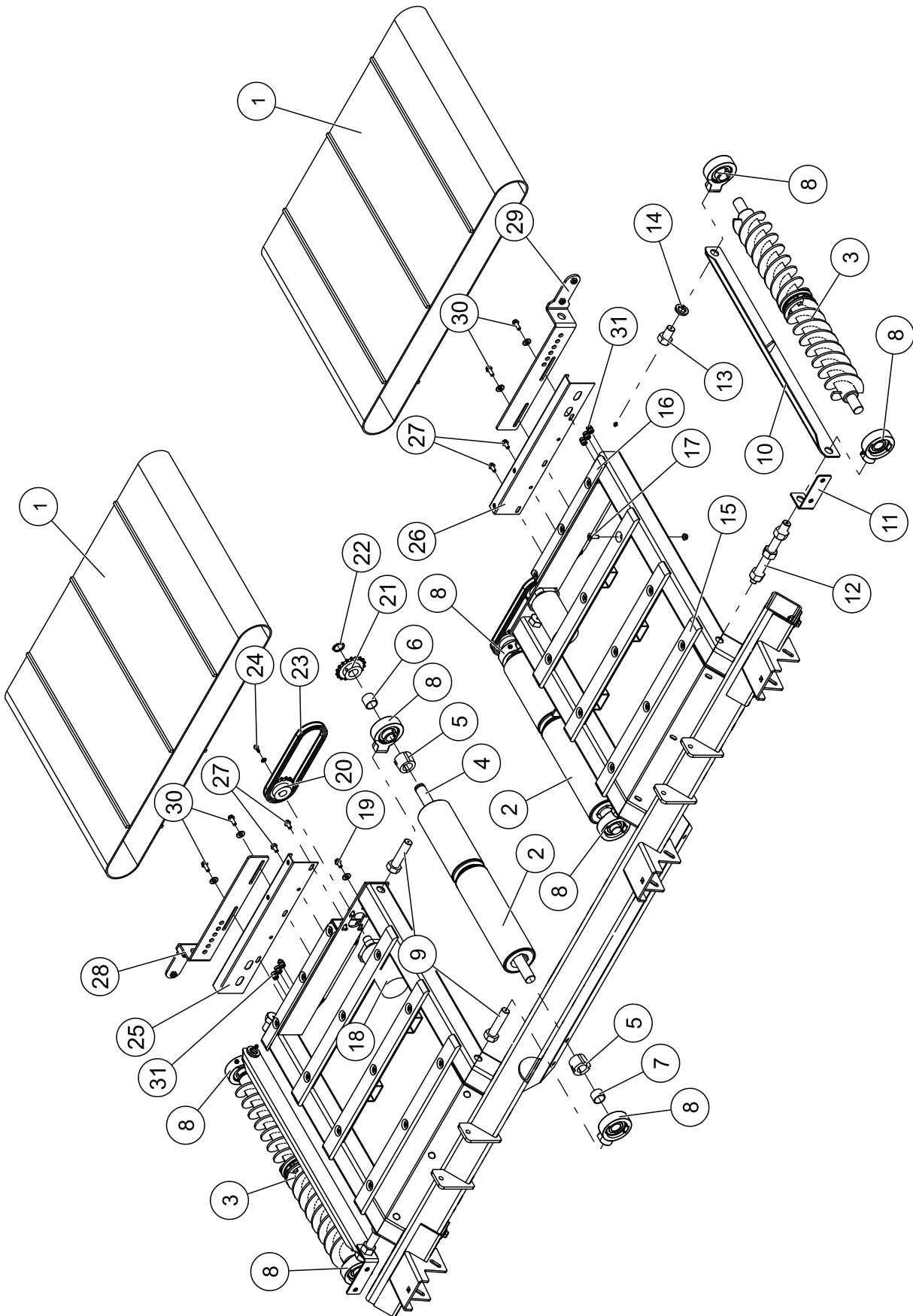
30" CROSS CONVEYOR & RELATED PARTS



30" CROSS CONVEYOR & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	6050-1111	BELT CROSS CONV 30 X 91	2
2	6050-1040	WELDMENT DRIVE ROLLER	2
3	6050-1099	WELDMENT AUGER ROLLER CP	2
4	6050-1039	DRIVE SHAFT	2
5	50321	BUSH,TLB,1615X1-1/4	4
6	6003-0230	SPACER -0 OD X -62 I	2
7	6003-0229	TUBE EW -0 X 12 GA WAL	2
8	1015-0153	BRG,1-1/4 HNGR	8
9	6050-1095	BOLT CROSS CONVEYOR	4
10	6050-1097	WELDMENT SCRAPER CP 400	2
11	316432	BRKT,X-CONVEYOR SHROUD	2
12	6050-1093	STUD W/HOLE	2
-	0002-0393	1-14 HEX NUT	6
13	6050-0319	BEARING BOLT HEX 1 -14 X	2
-	0002-0275	FTG GREASE .250-28 STRAIGHT	2
14	93585	WASHER,1,SPLIT LOCK	2
15	1027-0119	UHMW BELT RUNNER .	6
16	1027-0120	UHMW BELT RUNNER .625 X	2
17	0002-0512	BOLT FLTHD .375-16X-5	24
-	0002-0470	NUT, 3/8-16, WHIZLOC, GR5,	24
18	6005-2574	MTR,GRTR,195CC	2
-	43517	SEAL KIT,T MOTORS EATON	A.R.
19	94166	HHWZ,3/8-16X3/4	8
-	93603	WASHER,3/8,FLAT	8
20	1019-0062	SPKT,50B18H 1	2
21	1019-0213	SPKT,50B18H 1-1/4	2
22	1016-0013	RING RTNG EXT -50 X .0	2
23	1019-0571	CHAIN,RC50-1R,47TP	2
-	50233	LINK,CONN,RC50-1R SPRING CLIP 1021-0043	A.R.
-	50234	LINK,OFFSET,RC50-1R COTTER PIN TYPE	A.R.
24	93377	HHWZ,1/4-20X3/4,PLTD	2
-	93601	WASHER,1/4,FLAT	2
25	317042	COVER,REAR,X-CONV,TOP RH	1
26	317043	COVER,REAR,X-CONV,TOP LH	1
27	94166	HHWZ,3/8-16X3/4	4
28	316433	TENSIONER,X-CONV,RH	1
29	316434	TENSIONER,X-CONV,LH	1
30	93383	HHWZ,3/8-16x1 GR5 ZN	4
-	93603	WASHER,3/8,FLAT	4
31	1015-0027	FTG GREASE .125-27NPT ST	6
-	1013-0351	HYD FTG HEX COUPLING 2NPT-FM - 2NPT-FM	6

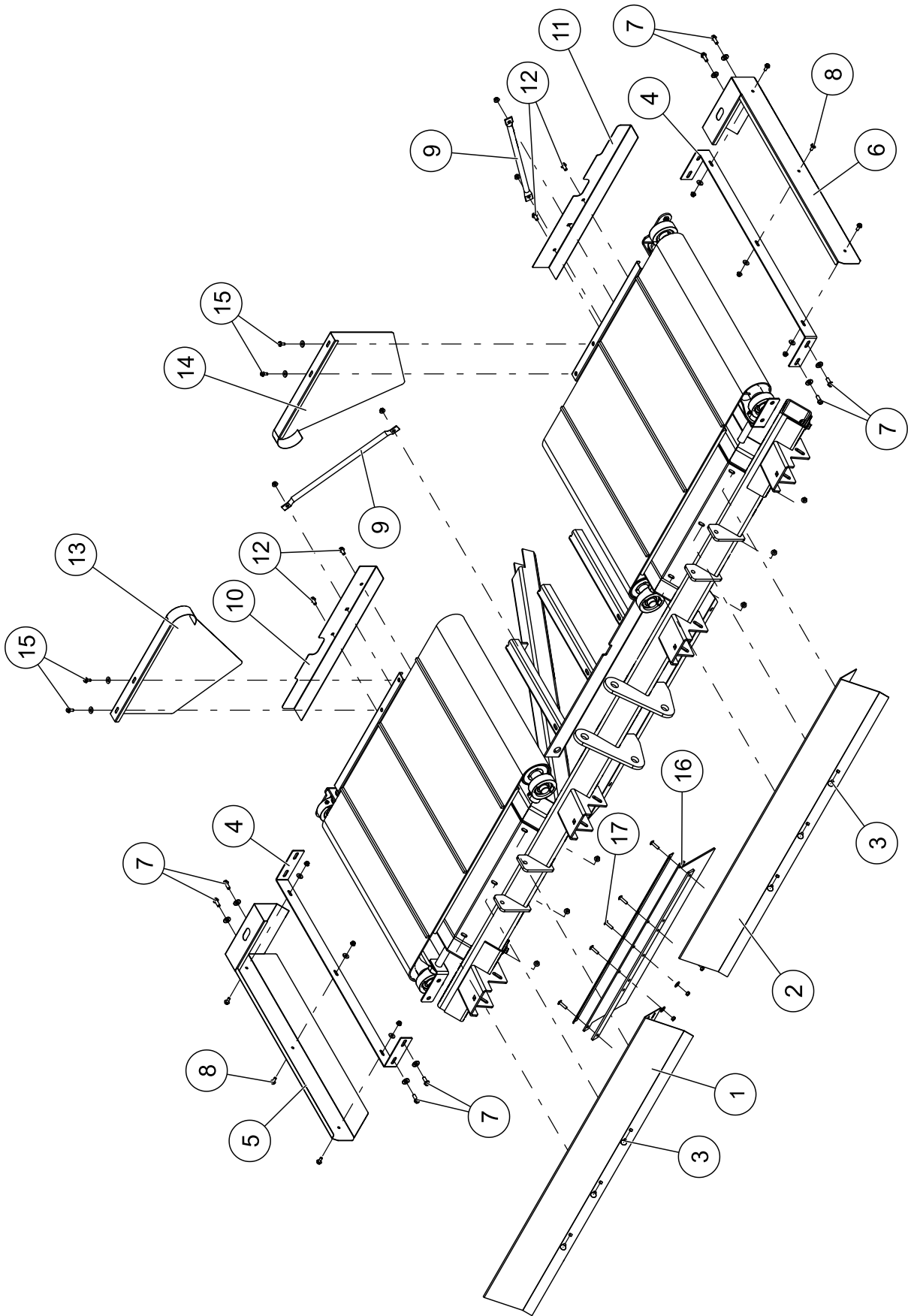
30" CROSS CONVEYOR & RELATED PARTS



30" CROSS CONVEYOR & RELATED PARTS
(continued)

KEY	P/N	DESCRIPTION	QTY
GREASE COMPONENTS - NOT SHOWN			
-	1013-0415	HOSE ASSY,3/16X 48 SAE100R17,1/8MPX1/8MP	4
-	1013-0393	HOSE ASSY,3/16X 36 SAE100R17,1/8MPX1/8MP	2
-	6005-0096	ELBOW,1/4-28X1/8FNPT 90° 1-1/32 LONG	4
-	1013-0351	HYD FTG HEX COUPLING 2NPT-FM - 2NPT-FM	6
-	1015-0027	FTG GREASE .125-27NPT STRAIGHT	6
-	0002-0275	FTG GREASE .250-28 STRAIGHT	2

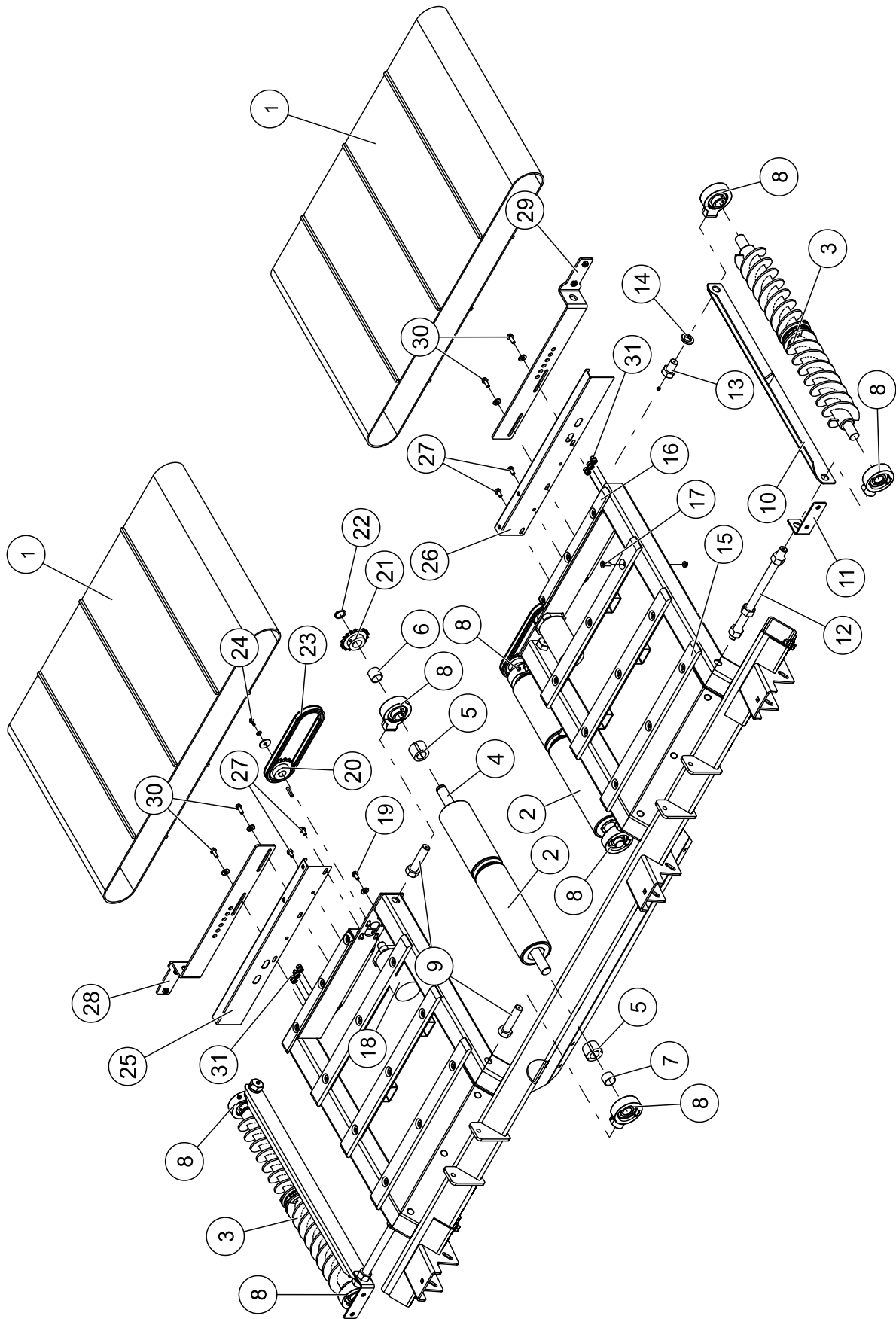
30" CROSS CONVEYOR COVERS & RELATED PARTS



30" CROSS CONVEYOR COVERS & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	6050-3100	BELT SHIELD FRONT R.H.	1
2	6050-3101	BELT SHIELD FRONT L.H.	1
3	93188	BOLT,CARR,3/8-16X3/4	6
-	93523	NUT,3/8-16,WHIZLOC,GR5	6
4	228349	STRAP,SHROUD MOUNT	2
5	316437	GUARD,BELT SHROUD,RH	1
6	316438	GUARD,BELT SHROUD,LH	1
7	93383	HHWZ,3/8-16x1 GR5 ZN	8
-	93603	WASHER,3/8,FLAT	8
8	93381	HHWZ,5/16-18X3/4,WZLK	6
-	93602	WASHER,5/16,FLAT	6
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	6
9	17292	BRACE TUBE	2
-	93188	BOLT,CARR,3/8-16X3/4	2
-	93383	HHWZ,3/8-16x1 GR5 ZN	2
-	93523	NUT,3/8-16,WHIZLOC,GR5	4
10	230952	COVER,X-CONV,LOW RH 30"	1
11	230951	COVER,X-CONV,LOW LH 30"	1
12	94166	HHWZ,3/8-16X3/4	4
13	316435	GUARD,X-CONV CHAIN,RH	1
14	316436	GUARD,X-CONV CHAIN,LH	1
15	93381	HHWZ,5/16-18X3/4,WZLK	4
-	93602	WASHER,5/16,FLAT	4
16	6050-1058	RUBBER FLAP .187 X -0 0 X -0 LG	1
-	6050-0125	FRONT SEALER PLATE	1
-	6050-1112	BACK SEAT PLATE	1
17	0002-0098	BOLT TRS HD .312-18 X 1. 250 ZINC	5
-	93602	WASHER,5/16,FLAT PLTD,ANS TYPE A,WIDE	5
-	0002-0240	NUT NYLOCK .312-18 ZINC	5

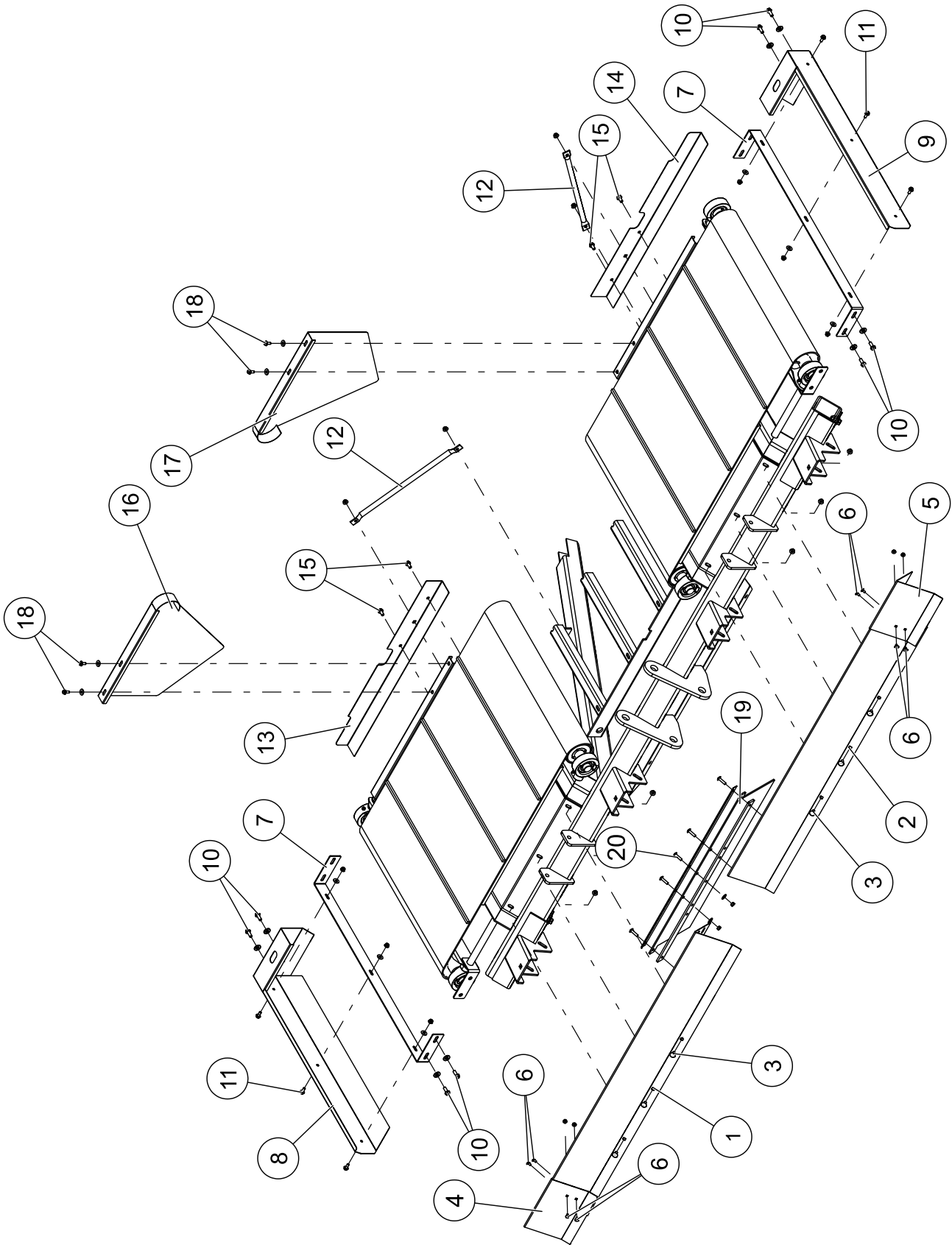
40" CROSS CONVEYOR & RELATED PARTS



40" CROSS CONVEYOR & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	6050-7274	BELT,X-CONV,30X103	2
2	6050-1040	WELDMENT DRIVE ROLLER	2
3	6050-1099	WELDMENT AUGER ROLLER CP	2
4	6050-1039	DRIVE SHAFT	2
5	50321	BUSH,TLB,1615X1-1/4	4
6	6003-0230	SPACER -0 OD X -62 I	2
7	6003-0229	TUBE EW -0 X 12 GA WAL	2
8	1015-0153	BRG,1-1/4 HNGR	8
9	6050-1095	BOLT CROSS CONVEYOR	4
10	6050-1097	WELDMENT SCRAPER CP 400	2
11	316432	BRKT,X-CONVEYOR SHROUD	2
12	6050-7273	STUD W/HOLE	2
-	0002-0393	1-14 HEX NUT	6
13	0002-0870	HHCS, 1-14 X -0, GR2, PLTD	2
-	0002-0275	FTG GREASE .250-28 STRAIGHT	2
14	93585	WASHER,1,SPLIT LOCK	2
15	1027-0119	UHMW BELT RUNNER .	6
16	1027-0120	UHMW BELT RUNNER .625 X	2
17	0002-0512	BOLT FLTHD .375-16X-5	24
-	0002-0470	NUT, 3/8-16, WHIZLOC, GR5,	23
18	6005-2574	MTR,GRTR,195CC	2
-	43517	SEAL KIT,T MOTORS EATON	A.R.
19	94166	HHWZ,3/8-16X3/4	8
-	93603	WASHER,3/8,FLAT	8
20	1019-0062	SPKT,50B18H 1	2
-	1006-0093	KEY .250 X .250 X -00	2
21	1019-0213	SPKT,50B18H 1-1/4	2
22	1016-0013	RING RTNG EXT -50 X .0	2
23	1019-0571	CHAIN,RC50-1R,47TP	2
-	50233	LINK,CONN,RC50-1R SPRING CLIP 1021-0043	A.R.
-	50234	LINK,OFFSET,RC50-1R COTTER PIN TYPE	A.R.
24	93377	HHWZ,1/4-20X3/4,PLTD	2
-	93601	WASHER,1/4,FLAT	2
-	1031-0039	WASHER PLATE 11 GA HR	2
25	316695	COVER, REAR X-CONVEYOR	1
26	316696	COVER, REAR X-CONVEYOR	1
27	94166	HHWZ,3/8-16X3/4	4
28	316813	TENSIONER,X-CONV,RH,40IN	1
29	316812	TENSIONER,X-CONV,LH,40IN	1
30	93383	HHWZ,3/8-16x1 GR5 ZN	4
-	93603	WASHER,3/8,FLAT	4
31	1015-0027	FTG GREASE .125-27NPT ST	6
-	1013-0351	HYD FTG HEX COUPLING 2NPT-FM - 2NPT-FM	6

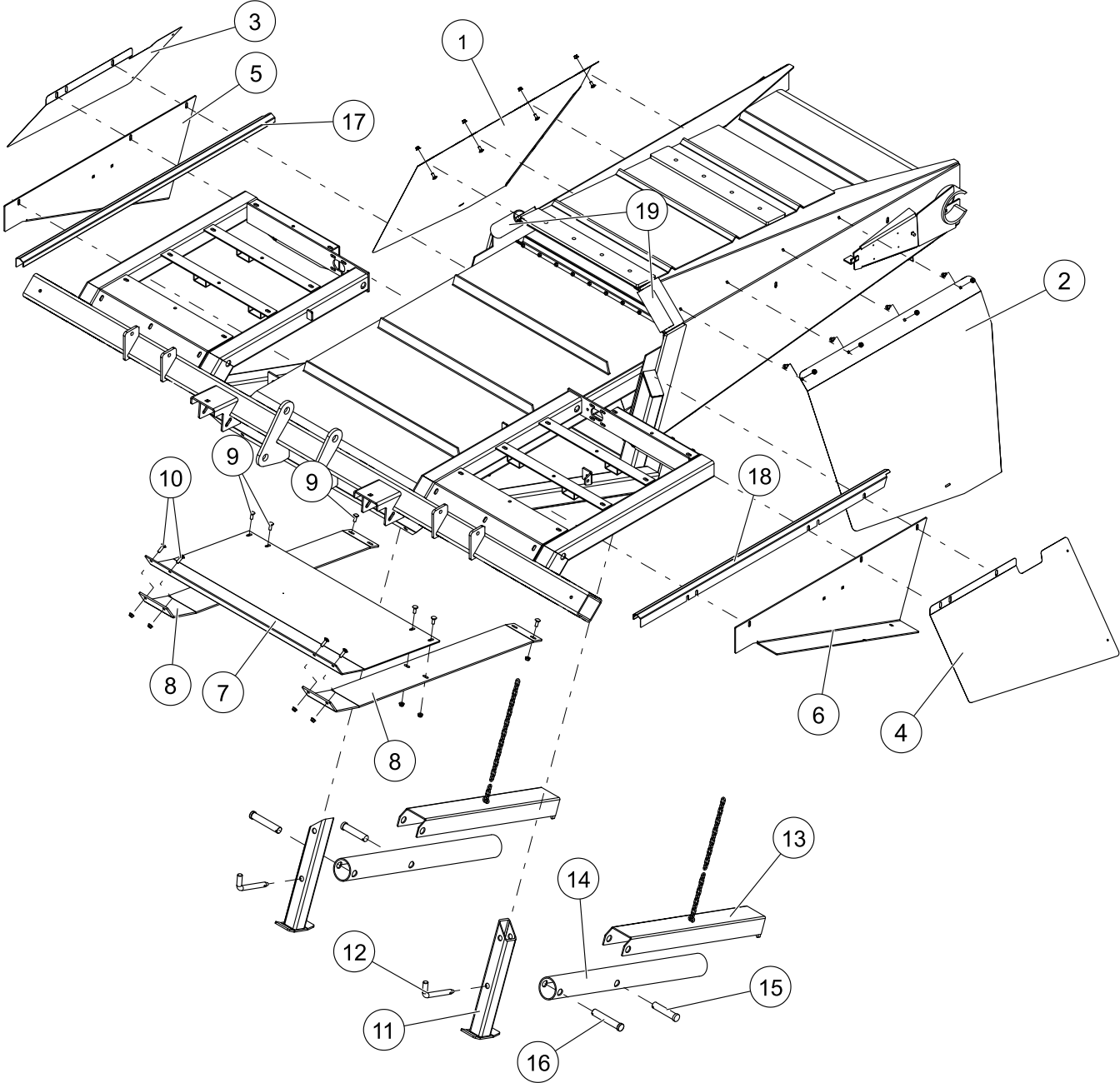
40" CROSS CONVEYOR COVERS & RELATED PARTS



40" CROSS CONVEYOR COVERS & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	6050-3100	BELT SHIELD FRONT R.H. 1	1
2	6050-3101	BELT SHIELD FRONT L.H. 1	1
3	93188	BOLT,CARR,3/8-16X3/4	6
-	93523	NUT,3/8-16,WHIZLOC,GR5	6
4	6050-7230	SHIELD EXTENSION, RH	1
5	6050-7231	SHIELD EXTENSION, RH	1
6	93252	BOLT,CARR,1/4-20X1/2	8
-	93520	NUT,1/4-20,WHIZLOC,GR5	8
7	228349	STRAP,SHROUD MOUNT	2
8	316437	GUARD,BELT SHROUD,RH	1
9	316438	GUARD,BELT SHROUD,LH	1
10	93383	HHWZ,3/8-16x1 GR5 ZN	8
-	93603	WASHER,3/8,FLAT	8
11	93381	HHWZ,5/16-18X3/4,WZLK	6
-	93602	WASHER,5/16,FLAT	6
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	6
12	17292	BRACE TUBE	2
-	93188	BOLT,CARR,3/8-16X3/4	2
-	93383	HHWZ,3/8-16x1 GR5 ZN	2
-	93523	NUT,3/8-16,WHIZLOC,GR5	4
13	230604	COVER,X-CONV,LOW RH 40"	1
14	230603	COVER,X-CONV,LOW LH 40"	1
15	94166	HHWZ,3/8-16X3/4	4
16	316435	GUARD,X-CONV CHAIN,RH	1
17	316436	GUARD,X-CONV CHAIN,LH	1
18	93381	HHWZ,5/16-18X3/4,WZLK	4
-	93602	WASHER,5/16,FLAT	4
19	6050-1058	RUBBER FLAP .187 X -0 0 X -0 LG	1
-	6050-0125	FRONT SEALER PLATE	1
-	6050-1112	BACK SEAT PLATE	1
20	0002-0098	BOLT TRS HD .312-18 X 1. 250 ZINC	5
-	93602	WASHER,5/16,FLAT PLTD,ANS TYPE A,WIDE	5
-	0002-0240	NUT NYLOCK .312-18 ZINC	5

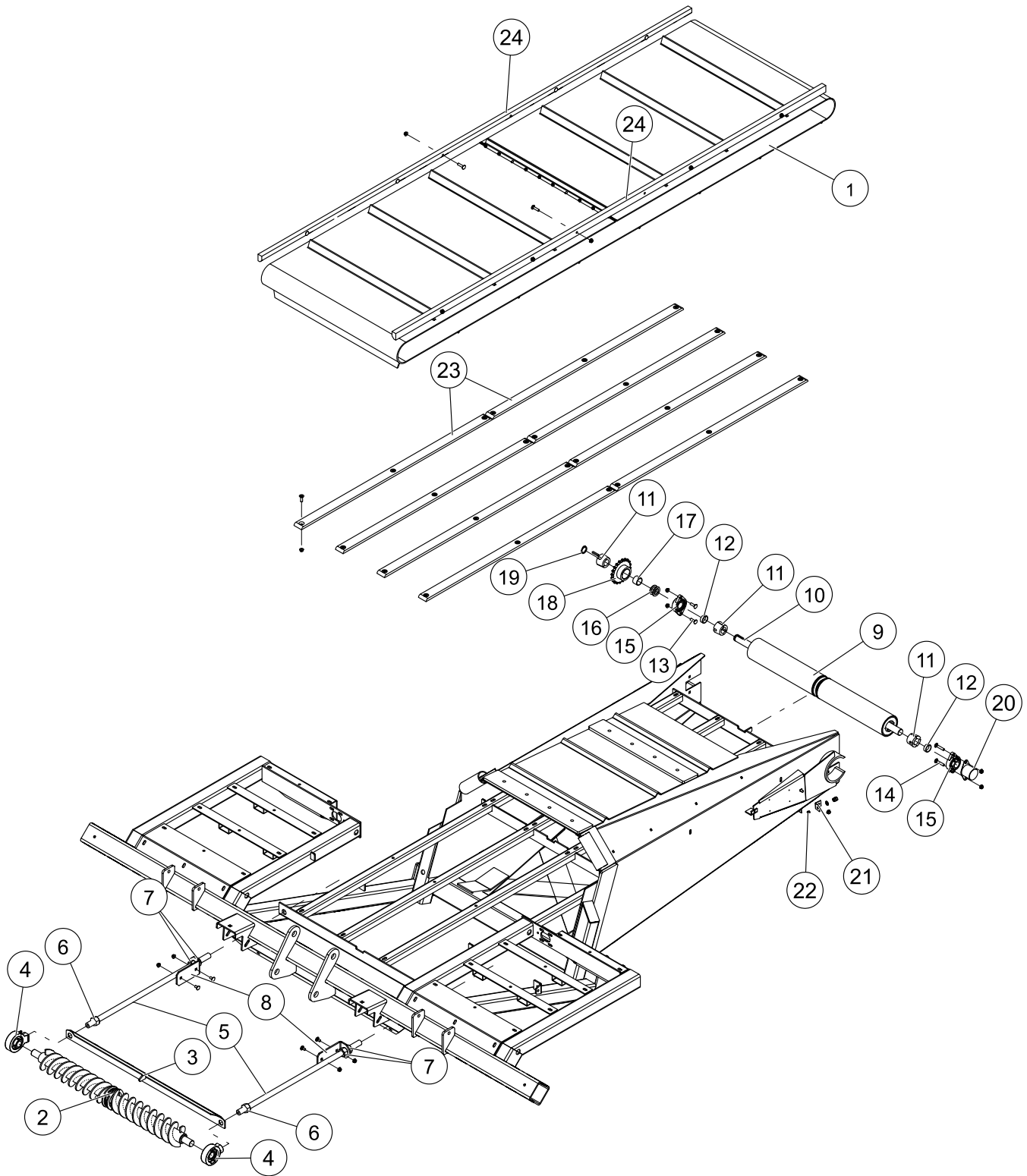
2430 FEEDER HOUSE COVERS & STANDS



2430 FEEDER HOUSE COVERS & STANDS

KEY	P/N	DESCRIPTION	QTY
1	6050-1105	SKIRT,LH	1
-	0002-0083	BOLT CRG, .312-18 X .750 GR5 ZINC	4
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	4
2	6050-1106	SKIRT,RH	1
-	0002-0083	BOLT CRG, .312-18 X .750 GR5 ZINC	4
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	4
3	228362	PANEL,FRONT SLIDE,RH	1
4	228363	PANEL,FRONT SLIDE,LH	1
5	6050-3104	END PLATE,RH	1
6	6050-3105	END PLATE,LH	1
7	6050-0223	ROCK SHIELD	1
8	6050-0152	BOTTOM GUARD	2
9	93189	BOLT,CARR,3/8-16X1	6
-	93523	NUT,3/8-16,WHIZLOC,GR5	6
10	93190	BOLT,CARR,3/8-16X1-1/4	4
-	93523	NUT,3/8-16,WHIZLOC,GR5	4
11	6050-0090	WELDMENT JACK STAND	2
12	6004-0113	BAR ROUND CR .750 X -	2
13	315202	CYLINDER STOP,03	2
14	15483	TUBE,CYL EXTENSION	2
15	6050-0247	PIN CLEVIS -00 X -50	2
16	6050-0226	PIN CLEVIS -00 X -00	2
17	228344	TRANSITION COVER,RH	1
18	228345	TRANSITION COVER,LH	1
19	1027-0122	TUBE PVC -0 ID X .187 WALL WHITE	2

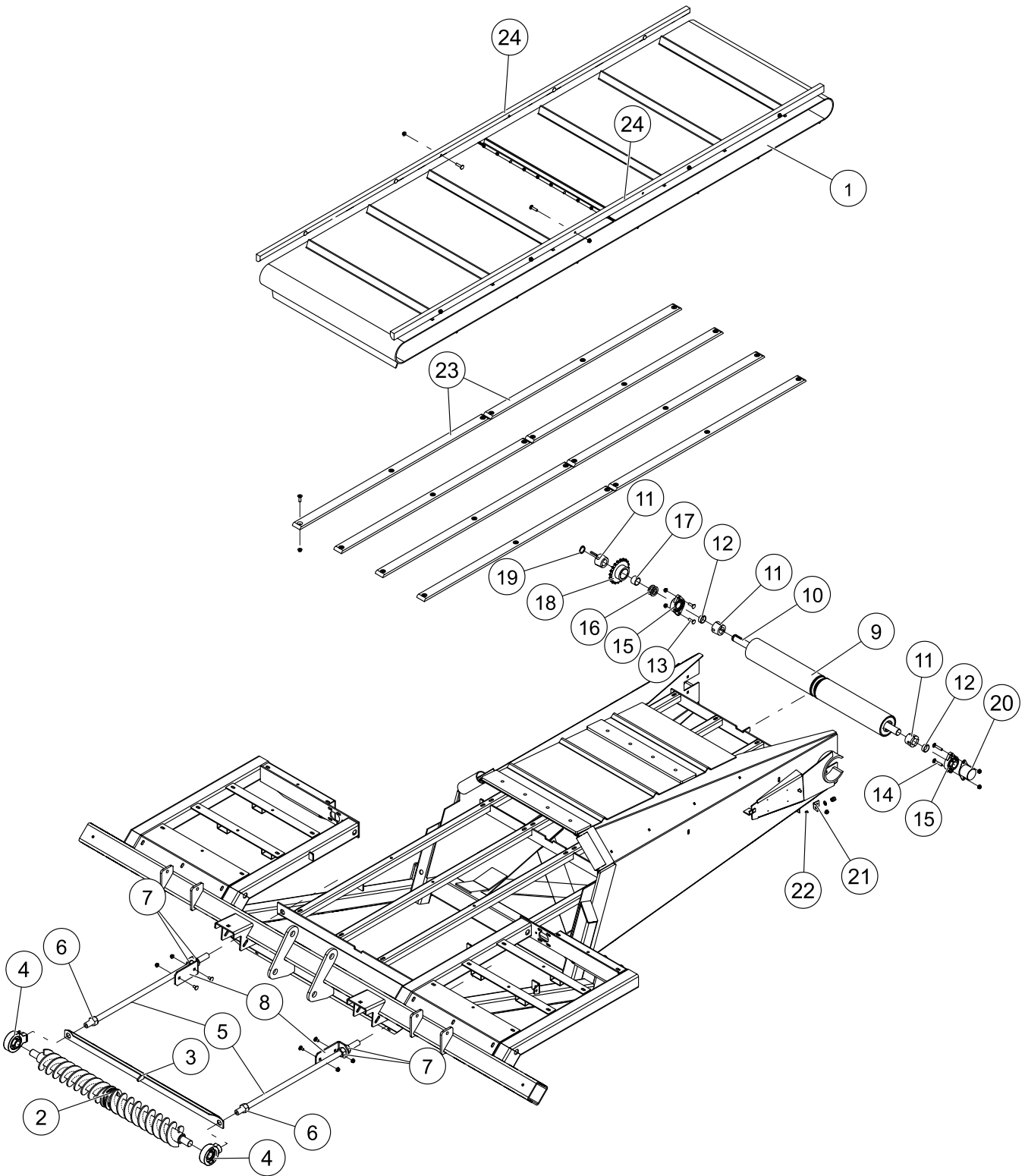
2430 FEEDER HOUSE CONVEYOR & RELATED PARTS



2430 FEEDER HOUSE CONVEYOR & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	59014	BELT ASSY,-0	1
-	227107	BACKUP STRIP,BELT,-0	2
-	94543	HHWZ,5/16-18X1-1/4	10
-	93541	NUT,5/16-18,OVAL TOPLOCK	10
2	6004-0422	WELDMENT AUGER ROLLER	1
3	6004-0301	WELDMENT SCRAPER	1
4	1015-0153	BRG,1-1/4 HNGR	2
5	6004-1006	TUBE CDS -0 OD X .281	2
-	93603	WASHER,3/8,FLAT PLTD,ANS TYPE A,WIDE	4
-	93460	NUT,1-8,HEX,GR5 UNC,RH,PLTD	2
-	1013-0351	HYD FTG HEX COUPLING 2NPT-FM - 2NPT-FM	4
-	1013-0392	HOSE ASSY,3/16X 24 SAE100R17,1/8MPX1/8MP	2
-	6001-0770	GREASE HOSE MTG ANGLE PLATE	2
-	1015-0027	FTG GREASE .125-27NPT STRAIGHT	2
6	93488	NUT,1-14,HEX RH	2
7	93460	NUT,1-8,HEX,GR5 UNC,RH,PLTD	4
8	6004-0380	TAKE-UP ANGLE PLATE .250	2
-	93188	BOLT,CARR,3/8-16X3/4	4
-	93523	NUT,3/8-16,WHIZLOC,GR5	4
9	6003-0221	WELDMENT DRIVE ROLLER 4.	1
10	6003-0226	DRIVE SHAFT -5 CRS 101	1
11	50321	BUSH,TLB,1615X1-1/4	3
12	6003-0228	TUBE EW -0 X 12 GA WAL	2
13	93190	BOLT,CARR,3/8-16X1-1/4	2
-	93523	NUT,3/8-16,WHIZLOC,GR5	2
14	93193	BOLT,CARR,3/8-16X2	2
-	93523	NUT,3/8-16,WHIZLOC,GR5	2
15	59028	BRG,1-1/4 2BF	2
-	59029	BRG,1-1/4 INSERT	A.R.
16	0002-0438	WASHER -5 X -75 X 10 GA	2
17	6003-0229	TUBE EW -0 X 12 GA WAL	1
18	1019-0410	SPKT,60BTL20H 1615 HUB	1
19	1016-0013	RING RTNG EXT -50 X .0	1
20	6008-0376	WELDMENT BEARING SHIELD	1
21	6001-0770	GREASE HOSE MTG ANGLE PL	2
-	93188	BOLT,CARR,3/8-16X3/4	2
-	93523	NUT,3/8-16,WHIZLOC,GR5	2
22	93809	ZERK,1/8NPT STXSHORT PLTD	2
-	93603	WASHER,3/8,FLAT PLTD,ANS TYPE A,WIDE	2
-	1013-0351	HYD FTG HEX COUPLING 2NPT-FM - 2NPT-FM	2
-	1013-0350	HOSE ASSY,3/16X 12 SAE100R17,1/8MPX1/8MP	2
-	45757	ELBOW,1/4-28X1/8FNPT 90° 13/16 LONG	2

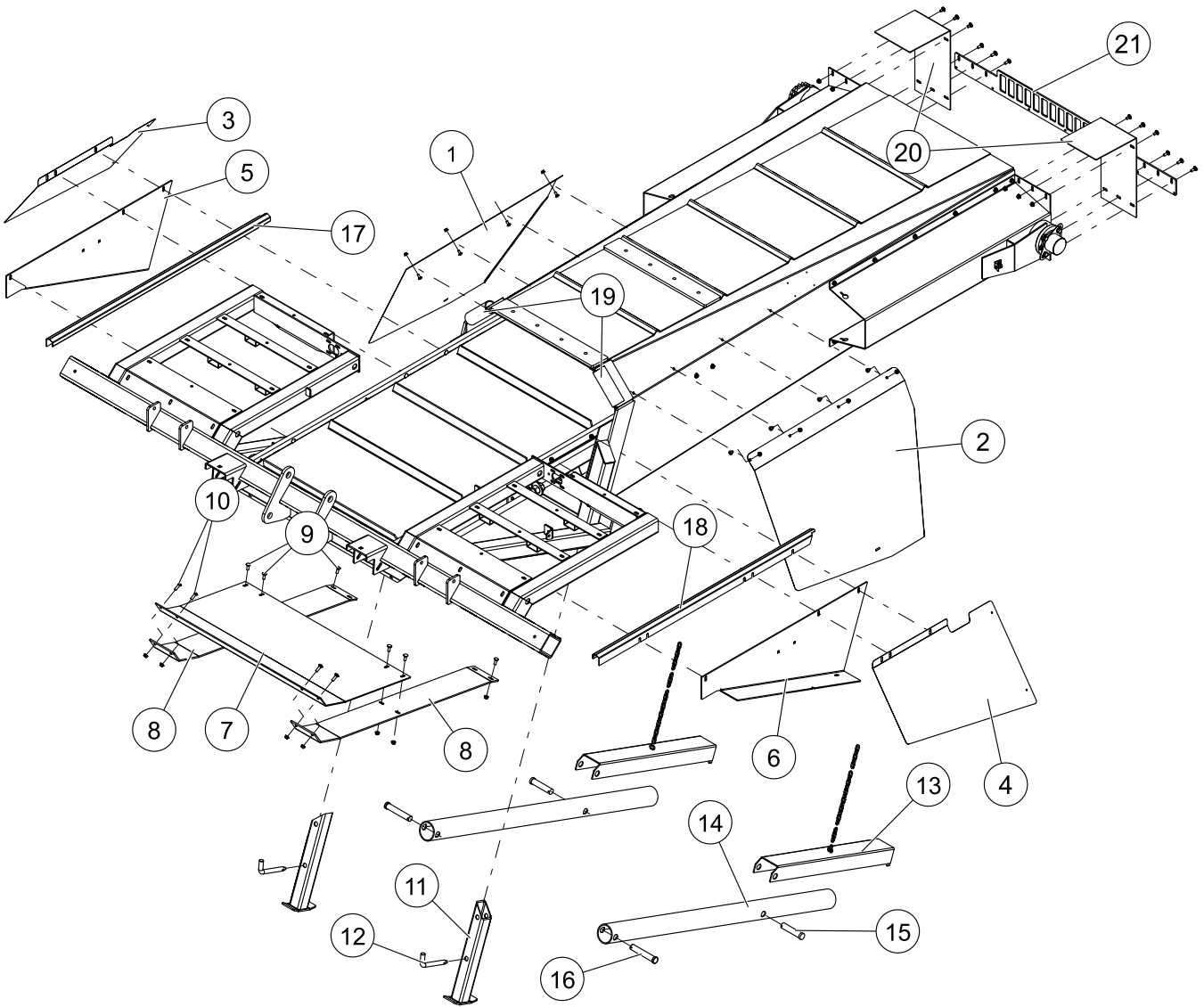
2430 FEEDER HOUSE CONVEYOR & RELATED PARTS



2430 FEEDER HOUSE CONVEYOR & RELATED PARTS
(continued)

KEY	P/N	DESCRIPTION	QTY
23	1027-0015	LINER, FEEDER HOUSE	8
-	0002-0512	BOLT FLTHD .375-16X-5	24
-	0002-0470	NUT, 3/8-16, WHIZLOC, GR5,	24
24	6050-0095	BELT GUIDE,CP200-CP400	2
-	93191	BOLT,CARR,3/8-16X1-1/2	10
-	93523	NUT,3/8-16,WHIZLOC,GR5	10
-	1013-0350	HOSE ASSY,3/16X 12 SAE100R17,1/8MPX1/8MP	2
-	45757	ELBOW,1/4-28X1/8FNPT 90° 13/16 LONG	2
-	1013-0351	HYD FTG HEX COUPLING 2NPT-FM - 2NPT-FM	6
-	93603	WASHER,3/8,FLAT PLTD,ANS TYPE A,WIDE	2

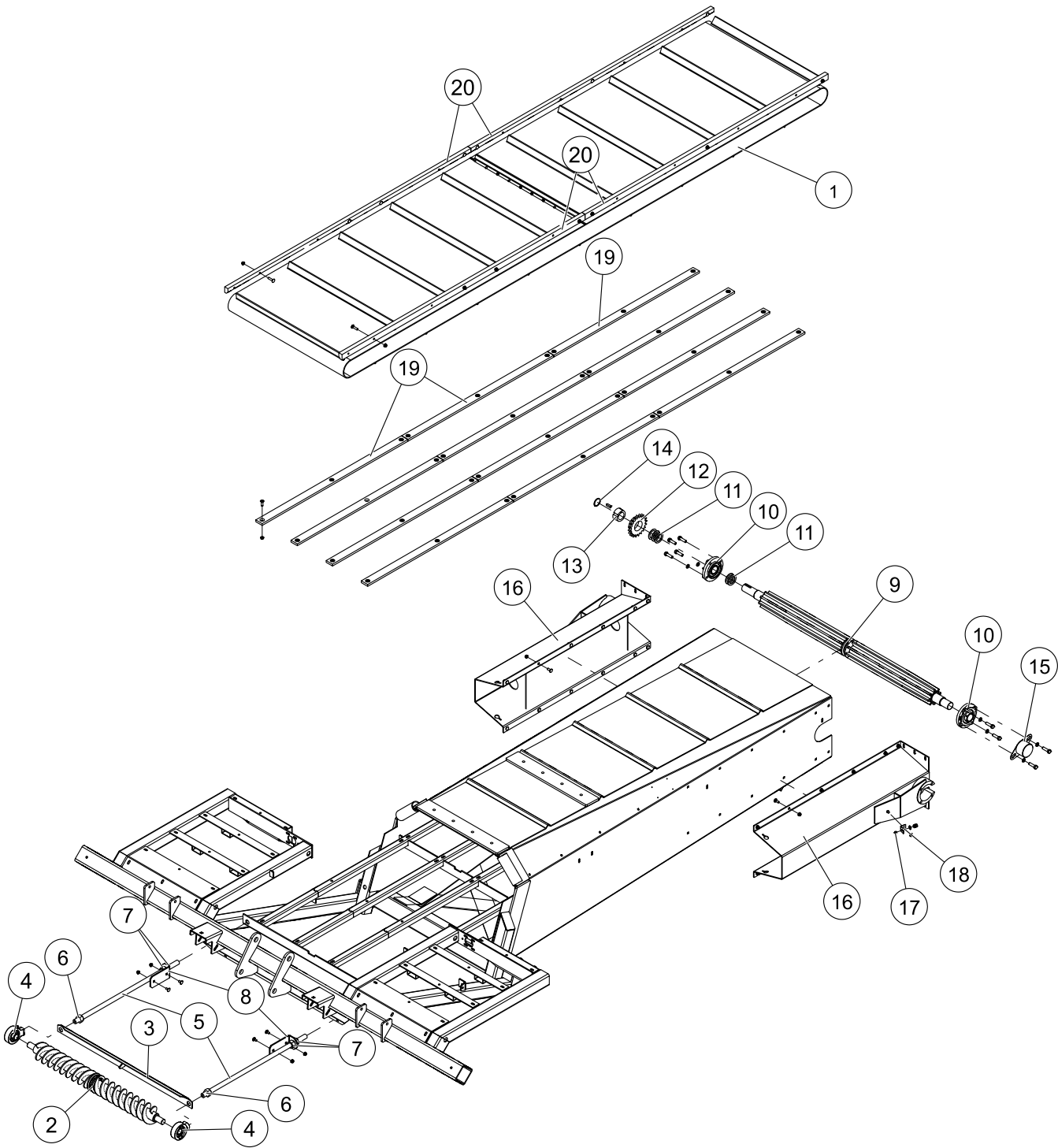
2460/2470/2475 FEEDER HOUSE COVERS & STANDS



2460/2470/2475 FEEDER HOUSE COVERS & STANDS

KEY	P/N	DESCRIPTION	QTY
1	6050-1105	SKIRT,LH	1
-	0002-0083	BOLT CRG, .312-18 X .750 GR5 ZINC	4
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	4
2	6050-1106	SKIRT,RH	1
-	0002-0083	BOLT CRG, .312-18 X .750 GR5 ZINC	4
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	4
3	228362	PANEL,FRONT SLIDE,RH	1
4	228363	PANEL,FRONT SLIDE,LH	1
5	6050-3102	END PLATE,RH	1
6	6050-3103	END PLATE,LH	1
7	6050-0223	ROCK SHIELD	1
8	6050-0152	BOTTOM GUARD	2
9	93189	BOLT,CARR,3/8-16X1	6
-	93523	NUT,3/8-16,WHIZLOC,GR5	6
10	93190	BOLT,CARR,3/8-16X1-1/4	4
-	93523	NUT,3/8-16,WHIZLOC,GR5	4
11	6050-0090	WELDMENT JACK STAND	2
12	6004-0113	BAR ROUND CR .750 X -	2
13	315202	CYLINDER STOP,03	2
14	15455	RAM TUBE	2
15	6050-0247	PIN CLEVIS -00 X -50	2
16	6050-0226	PIN CLEVIS -00 X -00	2
17	228344	TRANSITION COVER,RH	1
18	228345	TRANSITION COVER,LH	1
19	1027-0122	TUBE PVC -0 ID X .187	2
20	6050-1075	END CAP	2
-	93188	BOLT,CARR,3/8-16X3/4	6
-	93523	NUT,3/8-16,WHIZLOC,GR5	6
21	6050-7381	FEEDER HOUSE EAR SAVER	1
-	93189	BOLT,CARR,3/8-16X1	6
-	93523	NUT,3/8-16,WHIZLOC,GR5	6

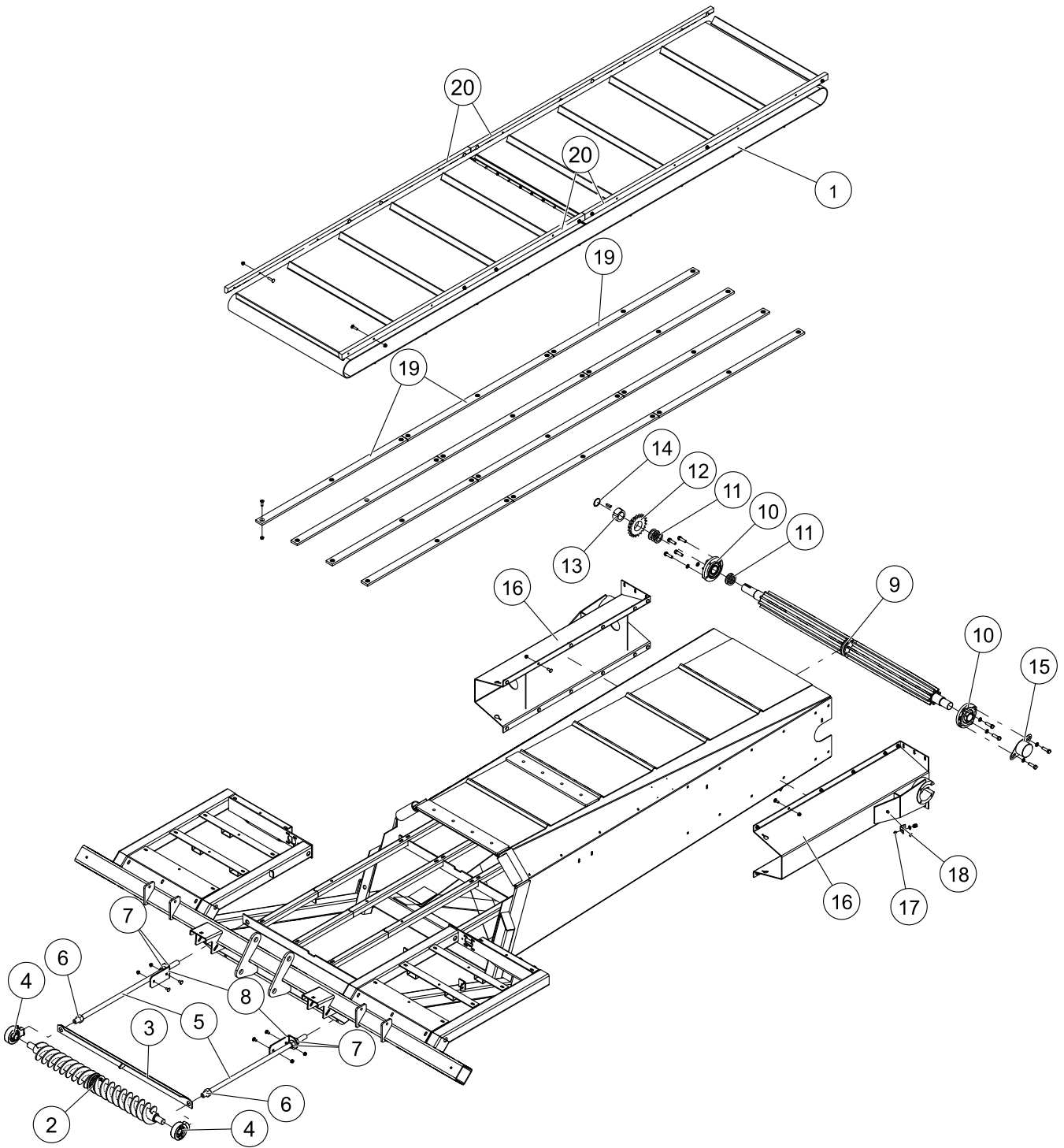
2460/2470/2475 FEEDER HOUSE CONVEYOR & RELATED PARTS



2460/2470/2475 FEEDER HOUSE CONVEYOR & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	59016	BELT ASSY,-0	1
-	227107	BACKUP STRIP,BELT,-0	2
-	94543	HHWZ,5/16-18X1-1/4	10
-	93541	NUT,5/16-18,OVAL TOPLOCK	10
2	6004-0422	WELDMENT AUGER ROLLER	1
3	6004-0301	WELDMENT SCRAPER	1
4	1015-0153	BRG,1-1/4 HNGR	2
5	6004-1006	TUBE CDS -0 OD X .281	2
-	93603	WASHER,3/8,FLAT PLTD,ANS TYPE A,WIDE	4
-	93460	NUT,1-8,HEX,GR5 UNC,RH,PLTD	2
-	1013-0351	HYD FTG HEX COUPLING 2NPT-FM - 2NPT-FM	4
-	1013-0392	HOSE ASSY,3/16X 24 SAE100R17,1/8MPX1/8MP	2
-	1015-0027	FTG GREASE .125-27NPT STRAIGHT	2
-	6001-0770	GREASE HOSE MTG ANGLE PLATE	2
-	93188	BOLT,CARR,3/8-16X3/4 GR5,PLTD	4
-	93523	NUT,3/8-16,WHIZLOC,GR5 PLTD,SERRATED FLANGE	4
6	93488	NUT,1-14,HEX RH	2
7	93460	NUT,1-8,HEX,GR5 UNC,RH,PLTD	4
8	6004-0380	TAKE-UP ANGLE PLATE .250	2
-	93188	BOLT,CARR,3/8-16X3/4	4
-	93523	NUT,3/8-16,WHIZLOC,GR5	4
9	55773	ROLLER, FEEDER HOUSE DRIVE	1
10	1015-0152	BRG,1-3/4 4BF	2
-	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	8
-	93580	WASHER,1/2,SPLIT LOCK	8
11	0002-0502	WASHER MACH -5 X -0	A.R.
-	0002-0501	MACH WSHR -5 X - X 14 GA	A.R.
12	6030-0251	SPKT,60BTL20H 2012 HUB	1
13	50069	BUSH,TLB,2012X1-3/4	1
-	0002-0381	KEY,.375X.375X-50	1
14	1016-0016	RING RTNG EXT -50 X .1	1
15	6008-0372	WELDMENT BEARING SHIELD	1
16	6050-1070	WELDMENT TRUNNION MNT 9" "	2
17	93809	ZERK,1/8NPT STXSHORT PLTD	2
-	93603	WASHER,3/8,FLAT PLTD,ANS TYPE A,WIDE	2
-	1013-0351	HYD FTG HEX COUPLING 2NPT-FM - 2NPT-FM	4
-	1013-0350	HOSE ASSY,3/16X 12 SAE100R17,1/8MPX1/8MP	2
18	6001-0770	GREASE HOSE MTG ANGLE PL	2
-	93188	BOLT,CARR,3/8-16X3/4	2
-	93523	NUT,3/8-16,WHIZLOC,GR5	2
19	1027-0125	UHMW LINER,INTAKE	12
-	0002-0512	BOLT FLTHD .375-16X-5	36
-	0002-0470	NUT, 3/8-16, WHIZLOC, GR5,	36

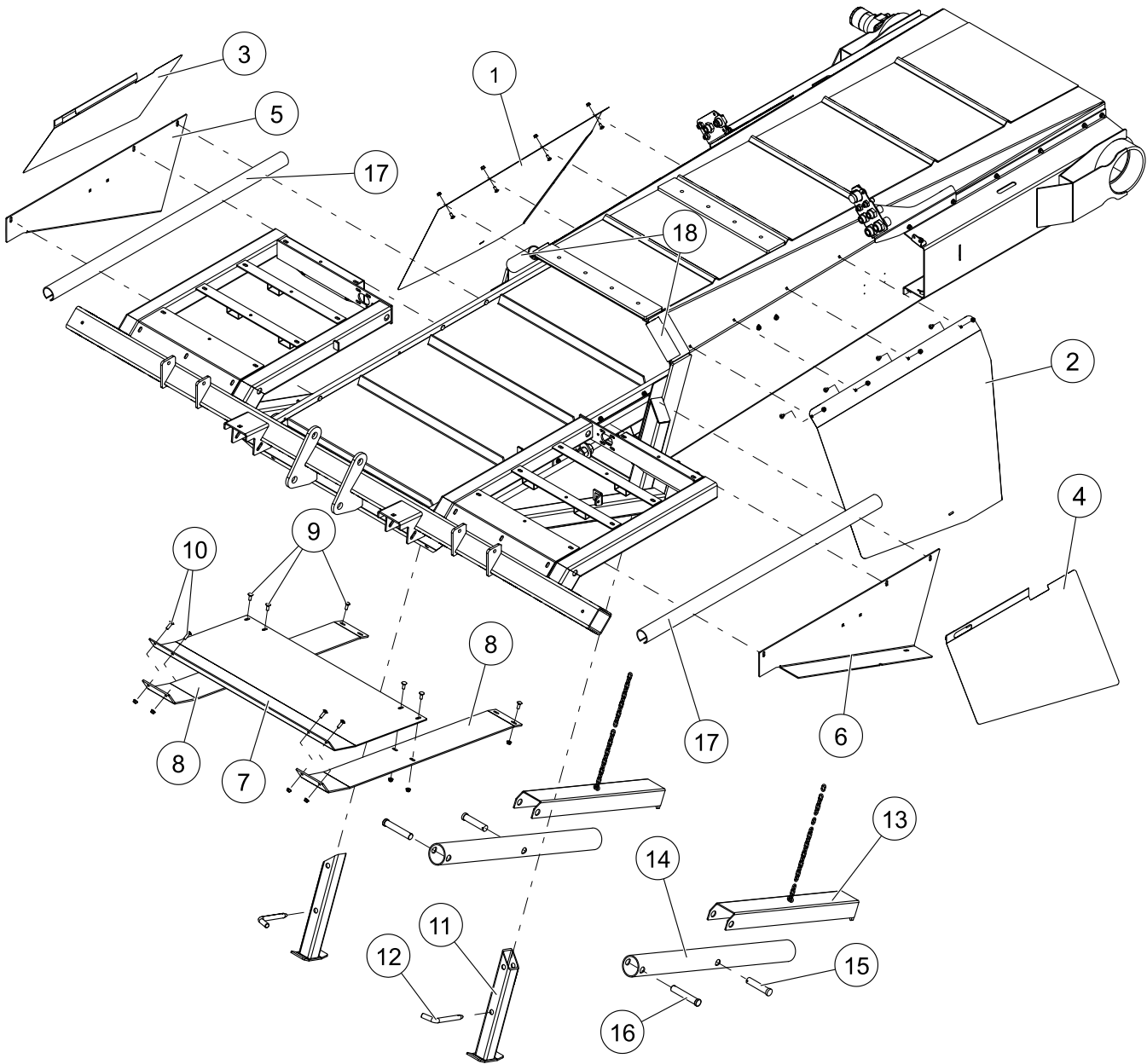
2460/2470/2475 FEEDER HOUSE CONVEYOR & RELATED PARTS



2460/2470/2475 FEEDER HOUSE CONVEYOR & RELATED PARTS
(continued)

KEY	P/N	DESCRIPTION	QTY
20	6050-1076	BELT GUIDE,CP400	4
-	93191	BOLT,CARR,3/8-16X1-1/2	14
-	93523	NUT,3/8-16,WHIZLOC,GR5	14

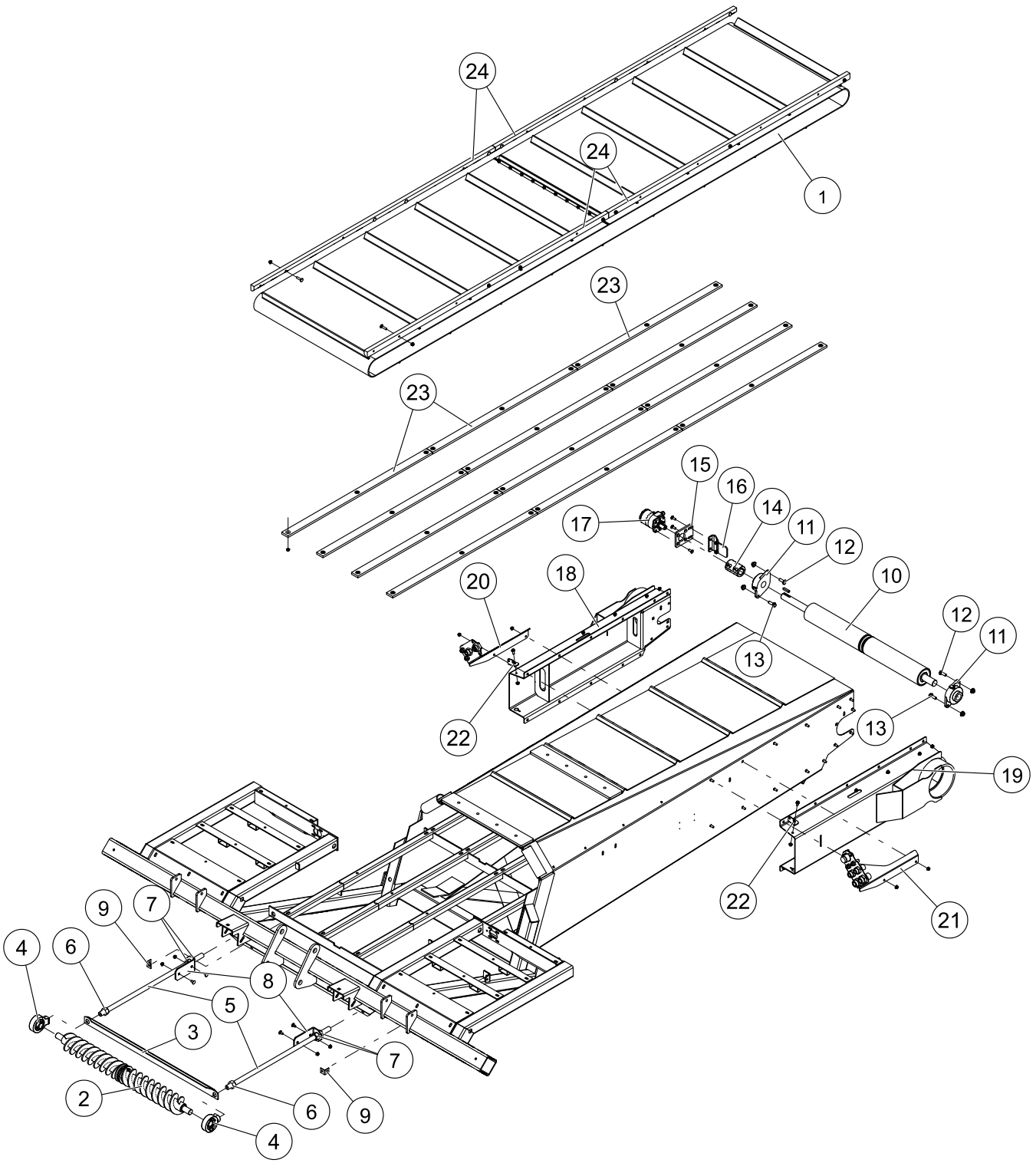
84XX FEEDER HOUSE COVERS & STANDS



84XX FEEDER HOUSE COVERS & STANDS

KEY	P/N	DESCRIPTION	QTY
1	6050-1105	SKIRT,LH	1
-	0002-0083	BOLT CRG, .312-18 X .750 GR5 ZINC	4
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	4
2	6050-1106	SKIRT,RH	1
-	0002-0083	BOLT CRG, .312-18 X .750 GR5 ZINC	4
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	4
3	6050-1054	SHIELD,RH	1
4	6050-1055	SHIELD LH	1
5	6050-3102	END PLATE,RH	1
6	6050-3103	END PLATE,LH	1
7	6050-0223	ROCK SHIELD	1
8	6050-0152	BOTTOM GUARD	2
9	93189	BOLT,CARR,3/8-16X1	6
10	93190	BOLT,CARR,3/8-16X1-1/4	4
-	93523	NUT,3/8-16,WHIZLOC,GR5	4
11	6050-0090	WELDMENT JACK STAND	2
12	6004-0113	BAR ROUND CR .750 X -	2
13	315202	CYLINDER STOP,03	2
14	16415	TUBE,CYLINDER RAM CP400-84XX 38-5/8OAL	2
15	6050-0247	PIN CLEVIS -00 X -50	2
16	6050-0226	PIN CLEVIS -00 X -00	2
17	1027-0121	TUBE PVC -0 ID .187 WA	2
18	1027-0122	TUBE PVC -0 ID X .187	2

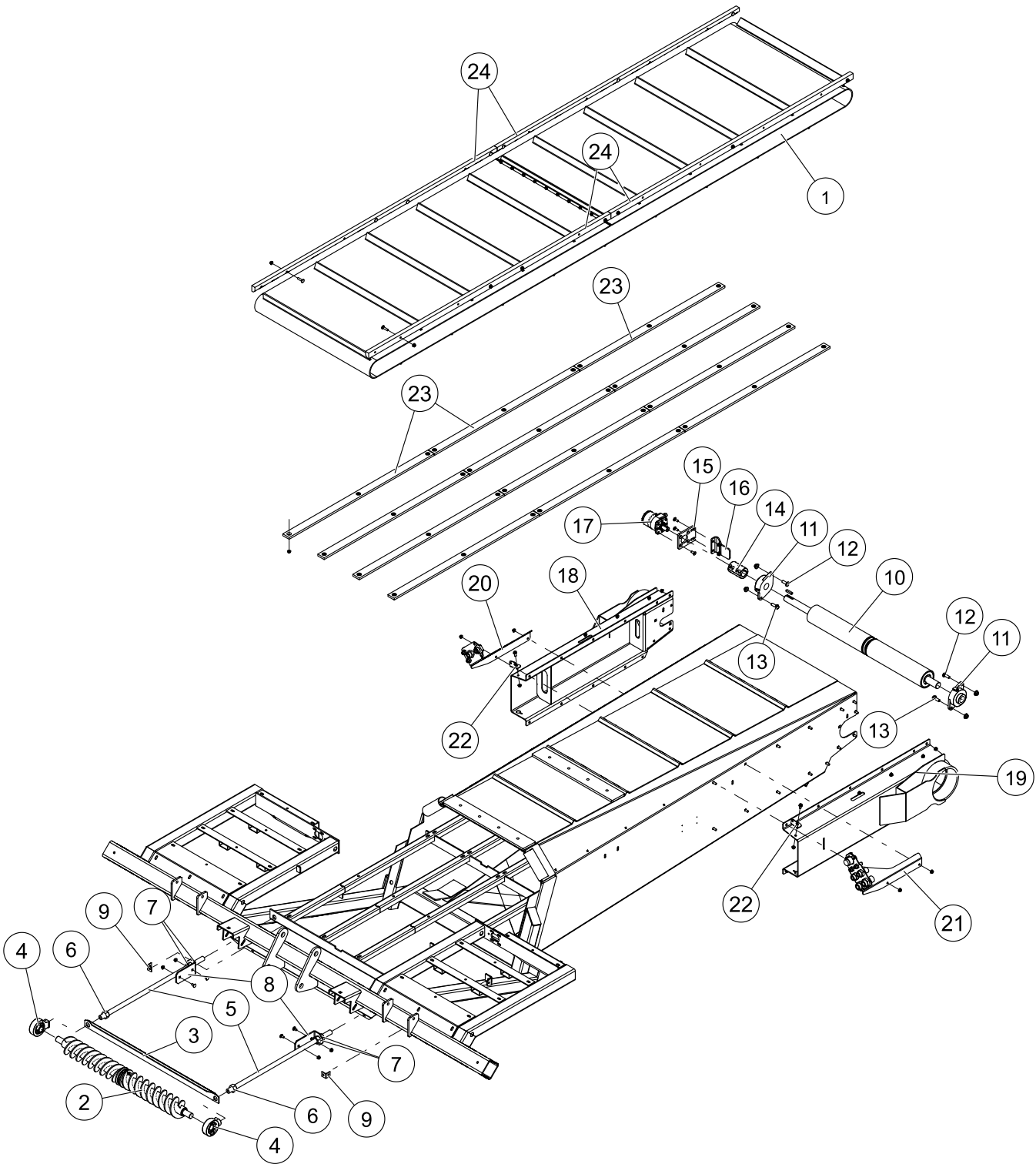
84XX FEEDER HOUSE CONVEYOR & RELATED PARTS



84XX FEEDER HOUSE CONVEYOR & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	59016	BELT ASSY,-0	1
-	227107	BACKUP STRIP,BELT,-0	2
-	94543	HHWZ,5/16-18X1-1/4	10
-	93541	NUT,5/16-18,OVAL TOPLOCK	10
2	6004-0422	WELDMENT AUGER ROLLER	1
3	6004-0302	ANGLE SCRAPER PLATE 7 GA	1
4	1015-0153	BRG,1-1/4 HNGR	2
5	6004-1006	TUBE CDS -0 OD X .281	2
6	93488	NUT,1-14,HEX RH	2
7	93460	NUT,1-8,HEX,GR5	4
8	6004-0380	TAKE-UP ANGLE PLATE .250	2
-	93188	BOLT,CARR,3/8-16X3/4	4
-	93523	NUT,3/8-16,WHIZLOC,GR5	4
9	6001-0770	GREASE HOSE MTG ANGLE PL	2
10	59640	PULLEY ASSY,CP400/84xx	1
11	52570	BRG,1-1/2 2 BLT VCJT	2
-	52953	BRG,1-1/2 INSERT	A.R.
12	93215	BOLT,CARR,1/2-13X1-1/2	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	2
13	94008	HHWZ,1/2-13X1-1/2	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	2
14	54537	COUPLER,1-1/2X1,SPLIT	1
-	32867	KEY,3/8SQX1-3/4	1
15	38126	MOUNT,MOTOR	1
16	227860	ANGLE,OUTER TORQUE ARM	1
-	93189	BOLT,CARR,3/8-16X1	2
-	93523	NUT,3/8-16,WHIZLOC,GR5	2
17	42856	MTR,GRTR,294CC	1
-	404729	SEAL KIT,EATON H MOTORS HI PRESS SHAFT SEAL	A.R.
-	93347	FHMS,3/8-16X1,ALLOY	1
18	316270	BEARING PLATE ASSY,RH	1
-	93189	BOLT,CARR,3/8-16X1	14
-	93523	NUT,3/8-16,WHIZLOC,GR5	14
19	316271	BEARING PLATE ASSY,LH	1
-	93189	BOLT,CARR,3/8-16X1	14
-	93523	NUT,3/8-16,WHIZLOC,GR5	14
20	227275	ANGLE,RH BULKHEAD	1
-	70065	CONNECTOR,TRAILER	1
-	46355	ADAP,-12MOFS-12MOFS STR	1
-	46352	ADAP,-06MOFS-06MOFS STR	2
21	227276	ANGLE,LH BULKHEAD	1
-	70334	CONNECTOR,TRAILER	1
-	46352	ADAP,-06MOFS-06MOFS STR	2
-	46355	ADAP,-12MOFS-12MOFS STR	2

84XX FEEDER HOUSE CONVEYOR & RELATED PARTS



84XX FEEDER HOUSE CONVEYOR & RELATED PARTS
(continued)

KEY	P/N	DESCRIPTION	QTY
-	46356	ADAP,-16MOFS-16MOFS STR	2
22	228467	ANGLE,GREASE LINE MNT	2
-	94166	HHWZ,3/8-16X3/4	2
-	93523	NUT,3/8-16,WHIZLOC,GR5	2
23	1027-0125	UHMW LINER,INTAKE	12
-	0002-0512	BOLT FLTHD .375-16X-5	36
-	0002-0470	NUT, 3/8-16, WHIZLOC, GR5,	36
24	6050-1076	BELT GUIDE,CP400	4
-	93191	BOLT,CARR,3/8-16X1-1/2	14
-	93523	NUT,3/8-16,WHIZLOC,GR5	14

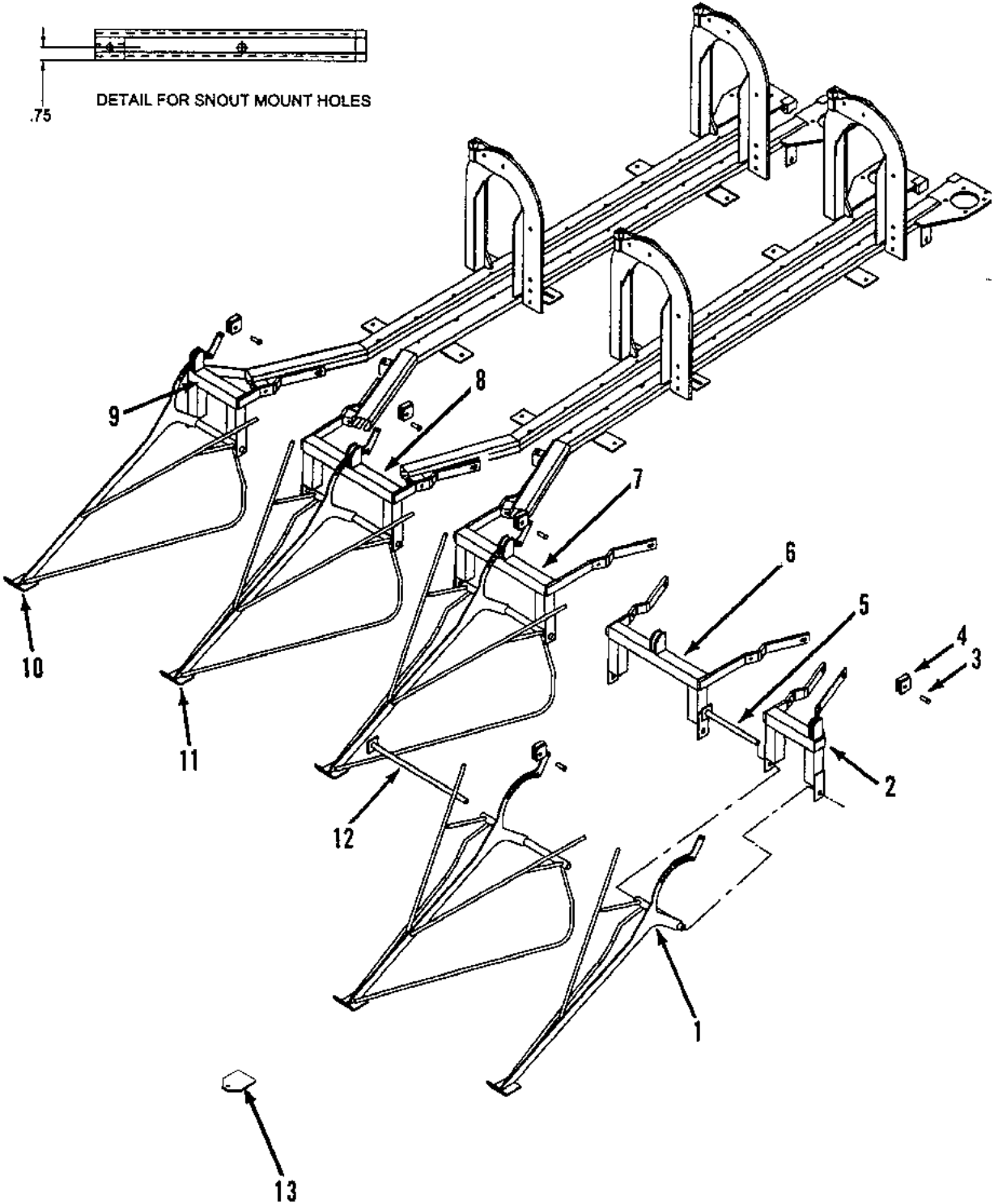
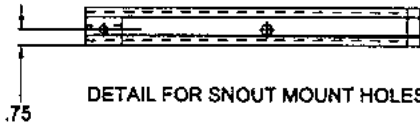
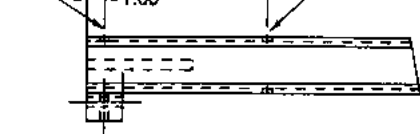
DOWN CORN KIT, 30 INCH ROWS

DRILL AND TAP
1/2-13 THREAD

10.25

1.00

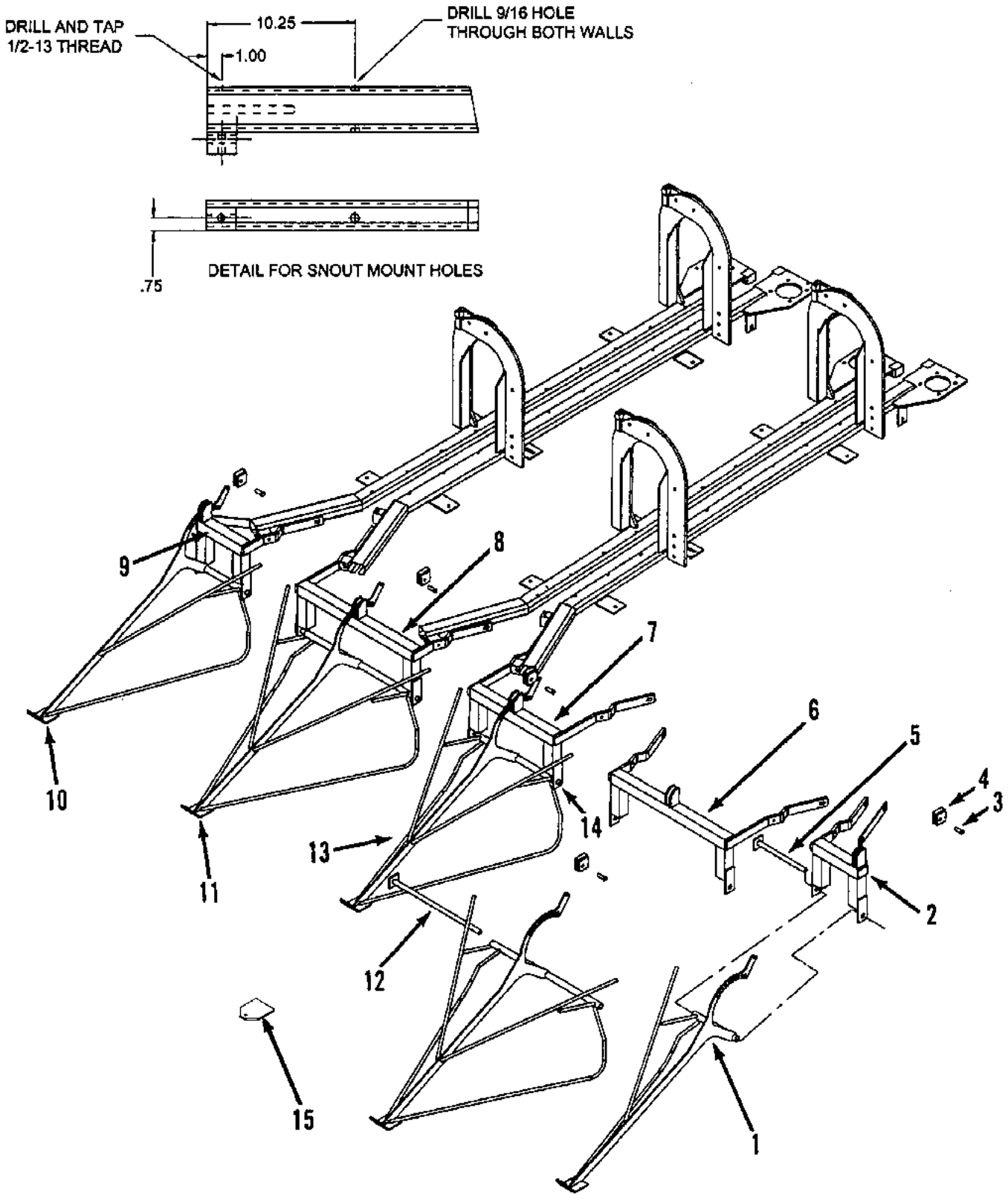
DRILL 9/16 HOLE
THROUGH BOTH WALLS



DOWN CORN KIT, 30 INCH ROWS

KEY	P/N	DESCRIPTION	QTY
-	4500-0277	DWN CRN KIT II (INCLUDES ITEMS 1 THRU 13)	1
1	6050-7305	WELDMENT OUTSIDE SNOOT II L.H.	2
2	6050-7299	WELDMENT OUTSIDE SNOOT MTG II L.H.	1
3	7002-0423	PIN, CLEVIS	5
-	0002-0562	PIN HAIR COTTER .312 - .375 SHAFT	5
4	6050-7250	PIVOT STOP WELDMENT	5
5	6050-7263	OUTSIDE PIN WELDMENT	2
-	0002-0634	PIN HAIRPIN COTTER .750 SHAFT	2
6	6050-7291	WELDMENT SNOOT MTGF II L.H.	1
7	6050-7292	WELDMENT SNOOT MTG II CENTER	1
8	6050-7288	WELDMENT SNOOT MTG II R.H.	1
9	6050-7301	WELDMENT OUTSIDE SNOOT MTG	1
10	6050-7304	WELDMENT OUTSIDE SNOOT II R.H.	1
11	6050-7295	WELDMENT SNOOT II	3
12	6050-7257	PIN WELDMENT	3
-	0002-0634	PIN HAIRPIN COTTER .750 SHAFT	3
13	6050-7309	GREEN SHOE	5
ADDITIONAL HARDWARE			
-	93053	HHCS,3/8-16X1,GR5 PLTD	5
-	93078	HHCS,1/2-13X1,GR5 PLTD	2
-	93091	HHCS,1/2-13X4-1/2,GR5 PLTD	8
-	93525	NUT,1/2-13,WHIZLOC,GR5 PLTD,SERRATED FLANGE	8
-	93537	NUT,3/8-16,NYLON LOCK PLTD	5
-	93580	WASHER,1/2,SPLIT LOCK PLTD	18
-	93603	WASHER,3/8,FLAT PLTD,ANS TYPE A,WIDE	5

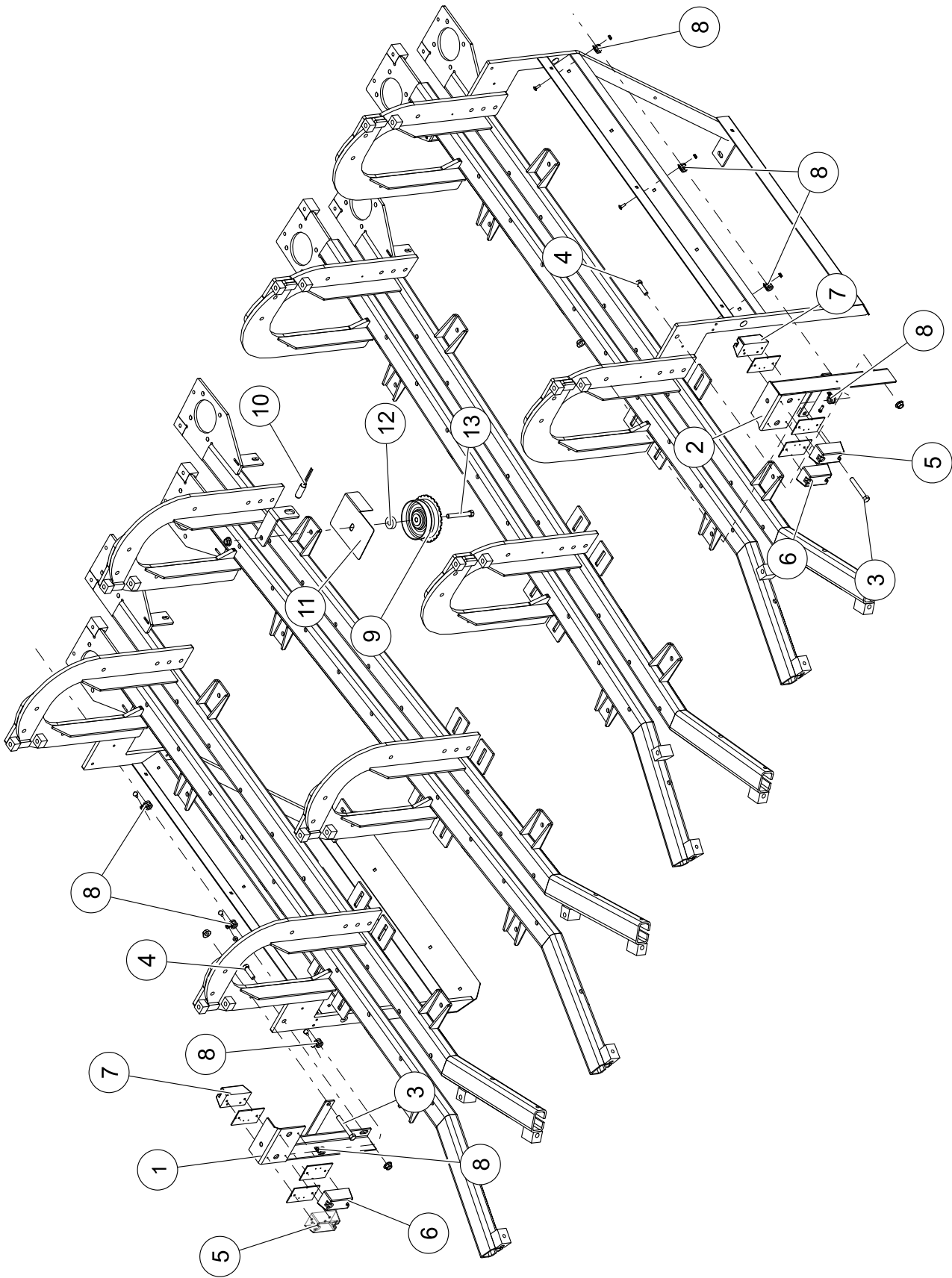
DOWN CORN KIT, 40 INCH ROWS



DOWN CORN KIT, 40 INCH ROWS

KEY	P/N	DESCRIPTION	QTY
-	4500-0279	DWN CRN KIT II (INCLUDES ITEMS 1 THRU 15)	1
1	6050-7305	WELDMENT OUTSIDE SNOOT II L.H.	2
2	6050-7299	WELDMENT OUTSIDE SNOOT MTG II L.H.	1
3	7002-0423	PIN, CLEVIS	5
-	0002-0562	PIN HAIR COTTER .312 - .375 SHAFT	5
4	6050-7250	PIVOT STOP WELDMENT	5
5	6050-7263	OUTSIDE PIN WELDMENT	2
-	0002-0634	PIN HAIRPIN COTTER .750 SHAFT	2
6	6050-7314	WELDMENT SNOOT MTG II L.H. 40 ROW	1
7	6050-7292	WELDMENT SNOOT MTG II CENTER	1
8	6050-7313	WELDMENT SNOOT MTG II R.H. 40 ROW	1
9	6050-7301	WELDMENT OUTSIDE SNOOT MTG	1
10	6050-7304	WELDMENT OUTSIDE SNOOT II R.H.	1
11	6050-7315	WELDMENT SNOOT II	3
12	6050-7277	PIN WELDMENT	3
-	0002-0634	PIN HAIRPIN COTTER .750 SHAFT	3
13	6050-7295	WELDMENT SNOOT II	1
14	6050-7257	PIN WELDMENT	1
15	6050-7309	GREEN SHOE	5
ADDITIONAL HARDWARE			
-	93053	HHCS,3/8-16X1,GR5 PLTD	5
-	93078	HHCS,1/2-13X1,GR5 PLTD	2
-	93091	HHCS,1/2-13X4-1/2,GR5 PLTD	8
-	93525	NUT,1/2-13,WHIZLOC,GR5 PLTD,SERRATED FLANGE	8
-	93537	NUT,3/8-16,NYLON LOCK PLTD	5
-	93580	WASHER,1/2,SPLIT LOCK PLTD	18
-	93603	WASHER,3/8,FLAT PLTD,ANS TYPE A,WIDE	5

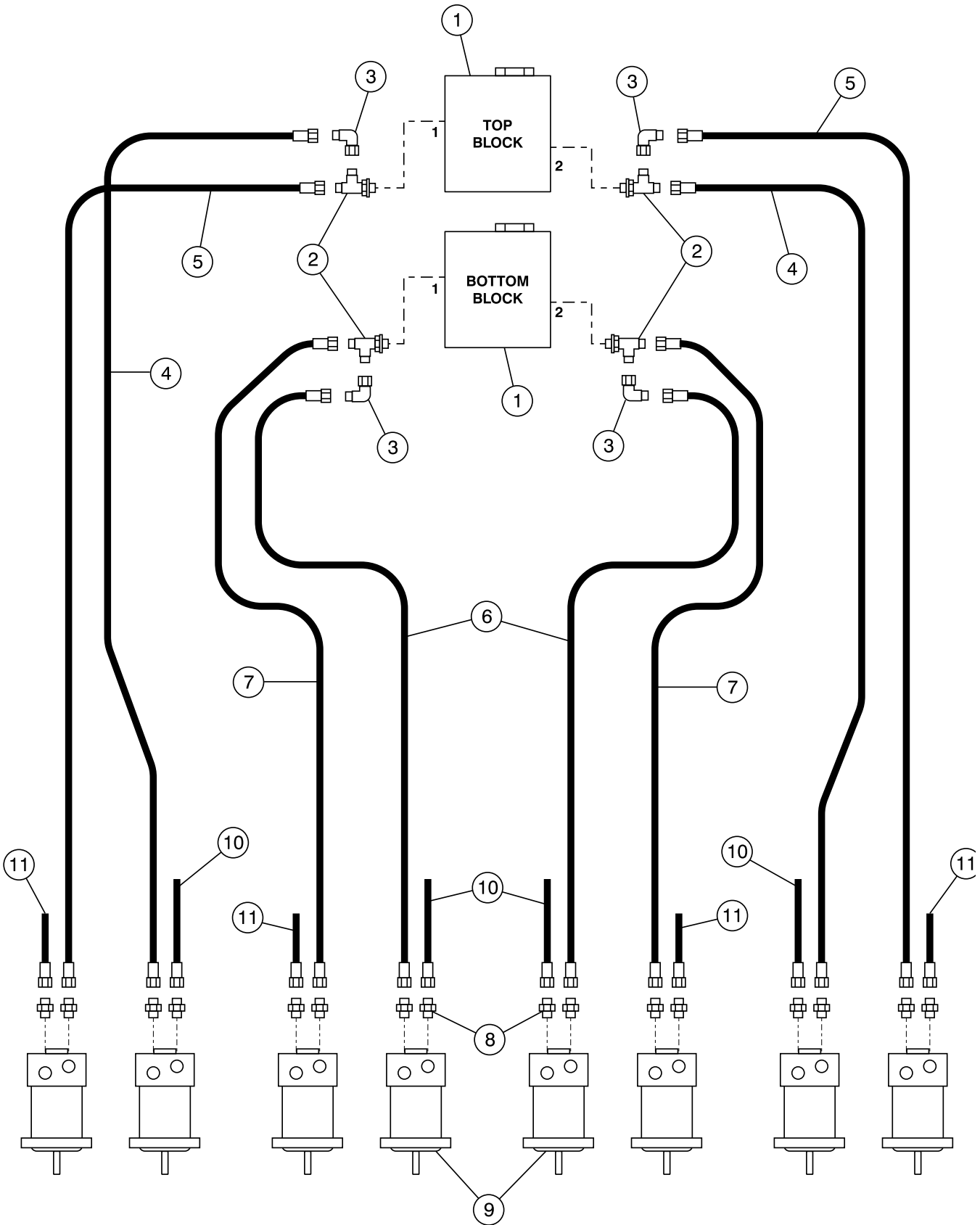
LIGHTS, TACHOMETER & RELATED PARTS



LIGHTS, TACHOMETER & RELATED PARTS

KEY	P/N	DESCRIPTION	QTY
1	6007-0890	WELDMENT CP LIGHT BRKT	1
2	6007-0891	WELDMENT CP LIGHT BRKT	1
3	0002-0649	HHCS,1/2-13X3-1/2	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	2
4	93081	HHCS,1/2-13X1-3/4,GR5 PLTD	2
-	93525	NUT,1/2-13,WHIZLOC,GR5	2
5	1040-1149	LIGHT,FRONT OUTLINE	2
-	1040-1160	GASKET FOR 1040-1149,-11	2
6	1040-1151	LIGHT,HAZARD AMBER	2
-	1040-1160	GASKET FOR 1040-1149,-11	2
7	1040-1150	LIGHT,END OUTLINE	2
-	1040-1160	GASKET FOR 1040-1149,-11	2
8	1040-1057	CABLE CLAMP .625 ID CUSH	8
-	0002-0405	BOLT CRG 1/4-20 X 3/4	6
-	93520	NUT,1/4-20,WHIZLOC,GR5	6
-	93002	HHCS,1/4-20X3/4,GR5	2
9	6050-0196	WELDMENT TACH IDLER BACK	1
10	6020-1195	SENSOR,MAGNETIC PICKUP	1
11	6050-3131	SHIELD BACK SIDE IDLER L	1
12	9001-0110	SPACER-BAR ROUND -00 H	1
13	93089	HHCS,1/2-13X3-3/4,GR5	1
-	93525	NUT,1/2-13,WHIZLOC,GR5	1
14	1040-1163	HARN,LIGHTS & TACH CP400 (NOT SHOWN)	1

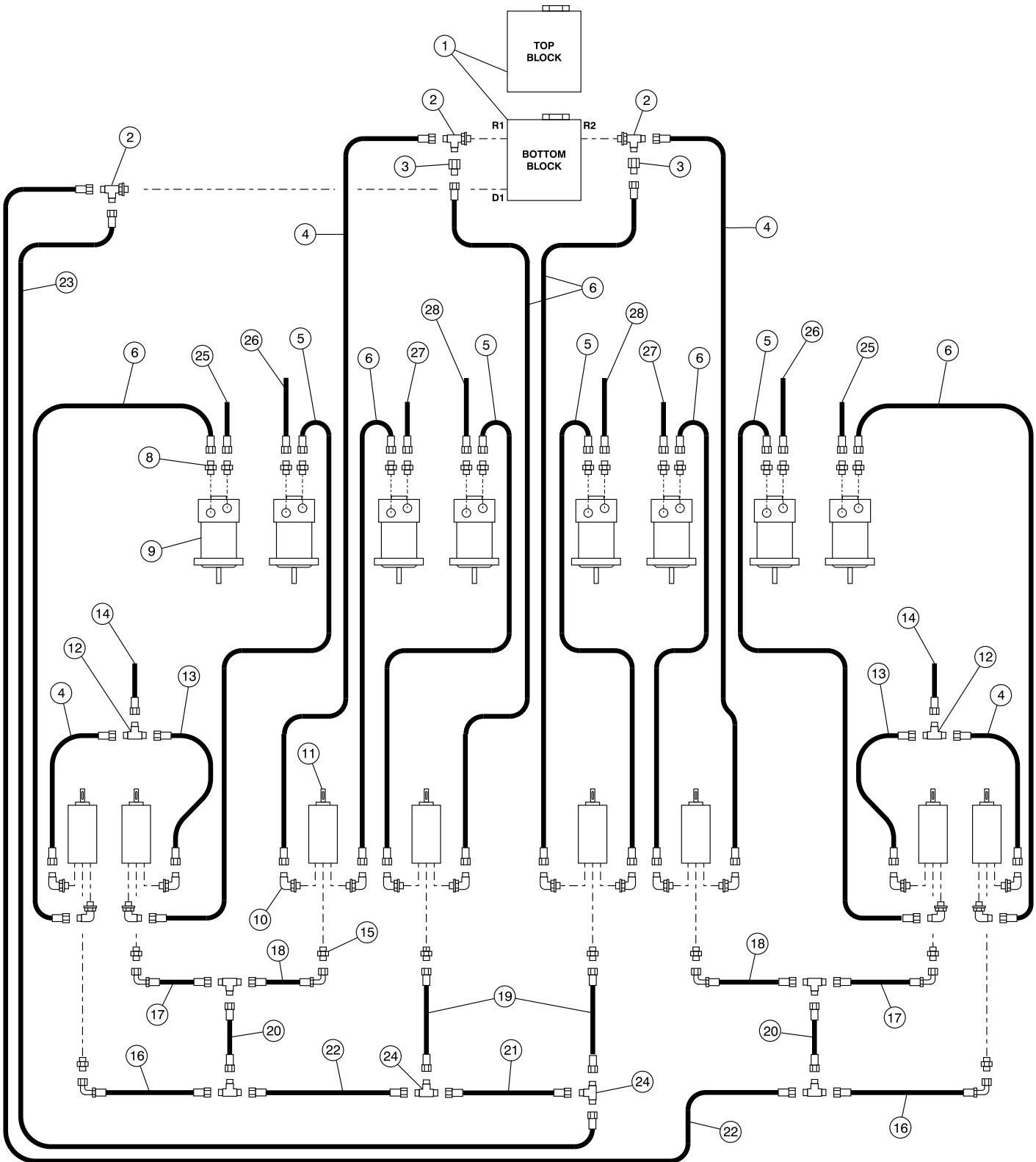
HYDRAULICS, V-BELT MOTORS CIRCUIT



HYDRAULICS, V-BELT MOTORS CIRCUIT

KEY	P/N	DESCRIPTION	QTY
1	6005-2596	VLV, FLOW DIV, HOT OIL SHUTTLE (REFER TO SHUTTLE VALVE ASSEMBLY ILLUSTRATION FOR PARTS BREAKDOWN)	2
2	6005-0429	HYD FTG TEE ADJ 10JIC-M-10ORB-M-10JIC-M	4
3	6005-0193	HYD FTG ELBOW 90DEG SWVL 10JIC-M-10JIC-F	4
4	6005-1487	HOSE ASSY, 3/8X 71 3000 6	2
5	6005-1484	HOSE ASSY, 3/8X 96 3000 6	2
6	6005-1485	HOSE ASSY, 3/8X 20 3000 6	6
7	6005-1423	HOSE ASSY, 3/8X 48 3000 6	2
8	6005-0265	HYD FTG STR CONN 6JIC-M - 10ORB-M	16
9	6050-0114	MTR, GRTR, 158CC	8
-	41516	SEAL KIT, 2000 SERIES C/L 006	A.R.
-	93081	HHCS, 1/2-13X1-3/4, GR5 PLTD	32
-	93525	NUT, 1/2-13, WHIZLOC, GR5 PLTD, SERRATED FLANGE	32
10	6005-1421	HYD HOSE .375-2000 6FJIC-6FJIC X 66	4
11	6005-1422	HYD HOSE .375-2000 6FJIC-6FJIC X 60	4

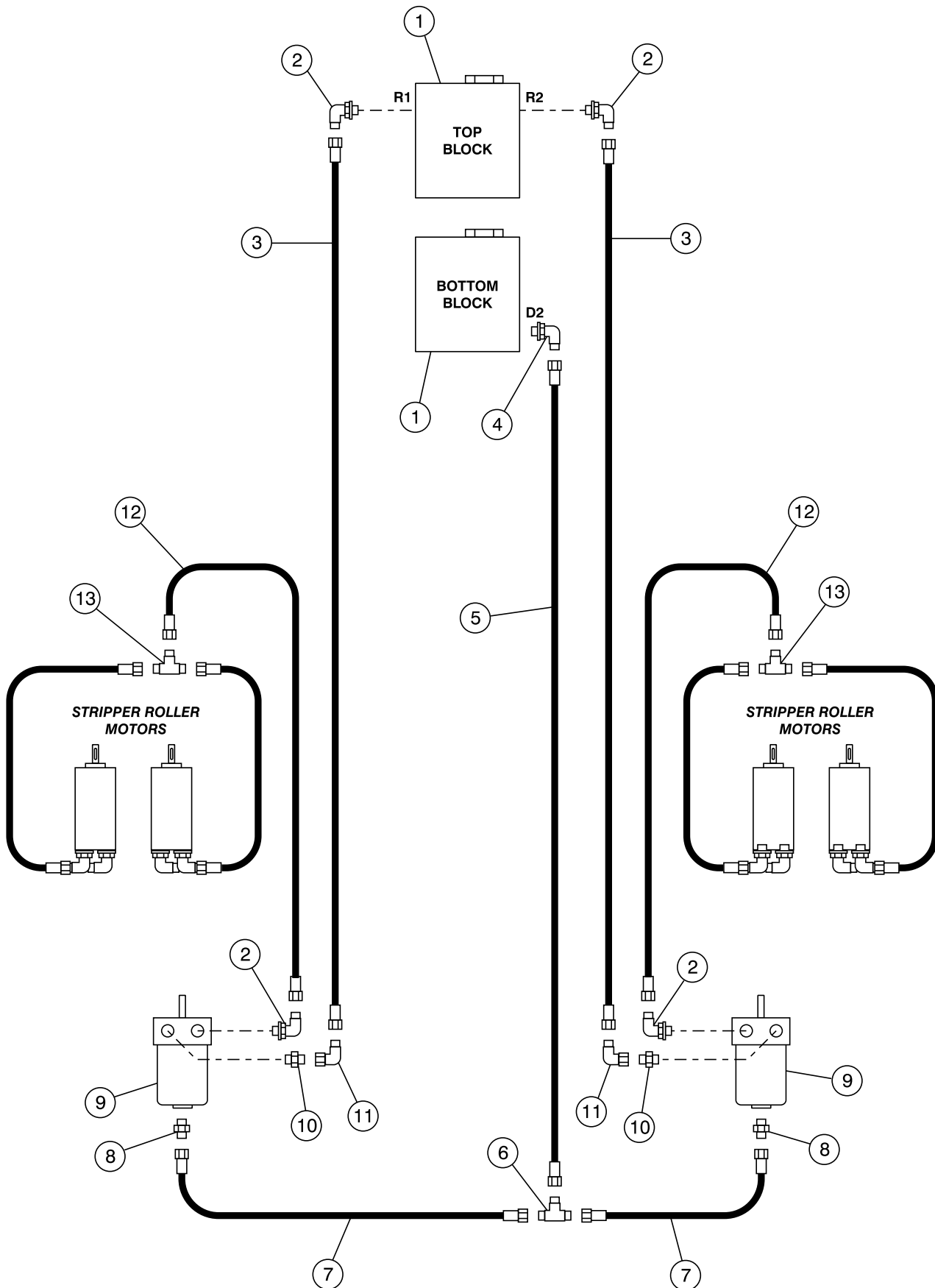
HYDRAULICS, STRIPPER ROLLER MOTORS CIRCUIT



HYDRAULICS, STRIPPER ROLLER MOTORS CIRCUIT

KEY	P/N	DESCRIPTION	QTY
1	6005-2596	VLV, FLOW DIV, HOT OIL SHUTTLE (REFER TO SHUTTLE VALVE ASSEMBLY ILLUSTRATION FOR PARTS BREAKDOWN)	2
2	6005-0429	HYD FTG TEE ADJ 10JIC-M-10ORB-M-10JIC-M	3
3	6005-0555	HYD FTG REDUCER 10JIC-FM- 6JIC-M	2
4	6005-1484	HOSE ASSY, 3/8X 96 3000 6	4
5	6005-1421	HYD HOSE .375-2000 6FJIC-6FJIC X 66	4
6	6005-1422	HYD HOSE .375-2000 6FJIC-6FJIC X 60	6
7	6005-0456	HYD FTG ELBOW 90DEG ADJ 6JIC-M - 8ORB-M	1
8	6005-0265	HYD FTG STR CONN 6JIC-M - 10ORB-M	16
9	6050-0114	MTR, GRTR, 158CC	8
-	41516	SEAL KIT, 2000 SERIES C/L 006	A.R.
10	6005-0104	HYD FTG ELBOW 90DEG ADJ 6JIC-M-6ORB-M	16
11	403586	MTR, GRTR, 032CC	8
-	403640	SEAL KIT	A.R.
-	0002-0833	BOLT FLTHD SKT .250-28 X0.5	40
12	6005-0423	HYD FTG TEE TUBE 10JIC-M-10JIC-M-10JIC-M	2
13	6005-1423	HOSE ASSY, 3/8X 48 3000 6	2
14	6005-1078	HOSE ASSY, 1/2X186 3500 1 (REFER TO HYDRAULICS, CROSS CONVEYOR MOTORS CIRCUIT ILLUSTRATION)	2
15	6005-0460	HYD FTG STR CONN 4JIC-M - 3ORB-M	6
16	6005-2569	HOSE ASSY, 1/4X 94 CASE M	2
17	6005-2568	HOSE ASSY, 1/4X 16 CASE M	2
18	6005-2567	HOSE ASSY, 1/4X 16 CASE M	2
19	6005-2562	HOSE ASSY, 1/4X 50 CASE M	2
20	6005-2566	HOSE ASSY, 3/8X 35 CASE M	2
21	6005-2561	HOSE ASSY, 3/8X 10 CASE 4	1
22	6005-2565	HOSE ASSY, 3/8X 50 CASE O	2
23	6005-2560	HOSE ASSY, 3/8X 26 CASE J	1
24	6005-0733	HYD FTG TEE TUBE 6JIC-M-6JIC-M-6JIC-M	6
25	6005-1484	HOSE ASSY, 3/8X 96 3000 6 (REFER TO HYDRAULICS, V-BELT MOTORS CIRCUIT ILLUSTRATION)	2
26	6005-1487	HOSE ASSY, 3/8X 71 3000 6 (REFER TO HYDRAULICS, V-BELT MOTORS CIRCUIT ILLUSTRATION)	2
27	6005-1423	HOSE ASSY, 3/8X 48 3000 6 (REFER TO HYDRAULICS, V-BELT MOTORS CIRCUIT ILLUSTRATION)	2
28	6005-1485	HOSE ASSY, 3/8X 20 3000 6 (REFER TO HYDRAULICS, V-BELT MOTORS CIRCUIT ILLUSTRATION)	6

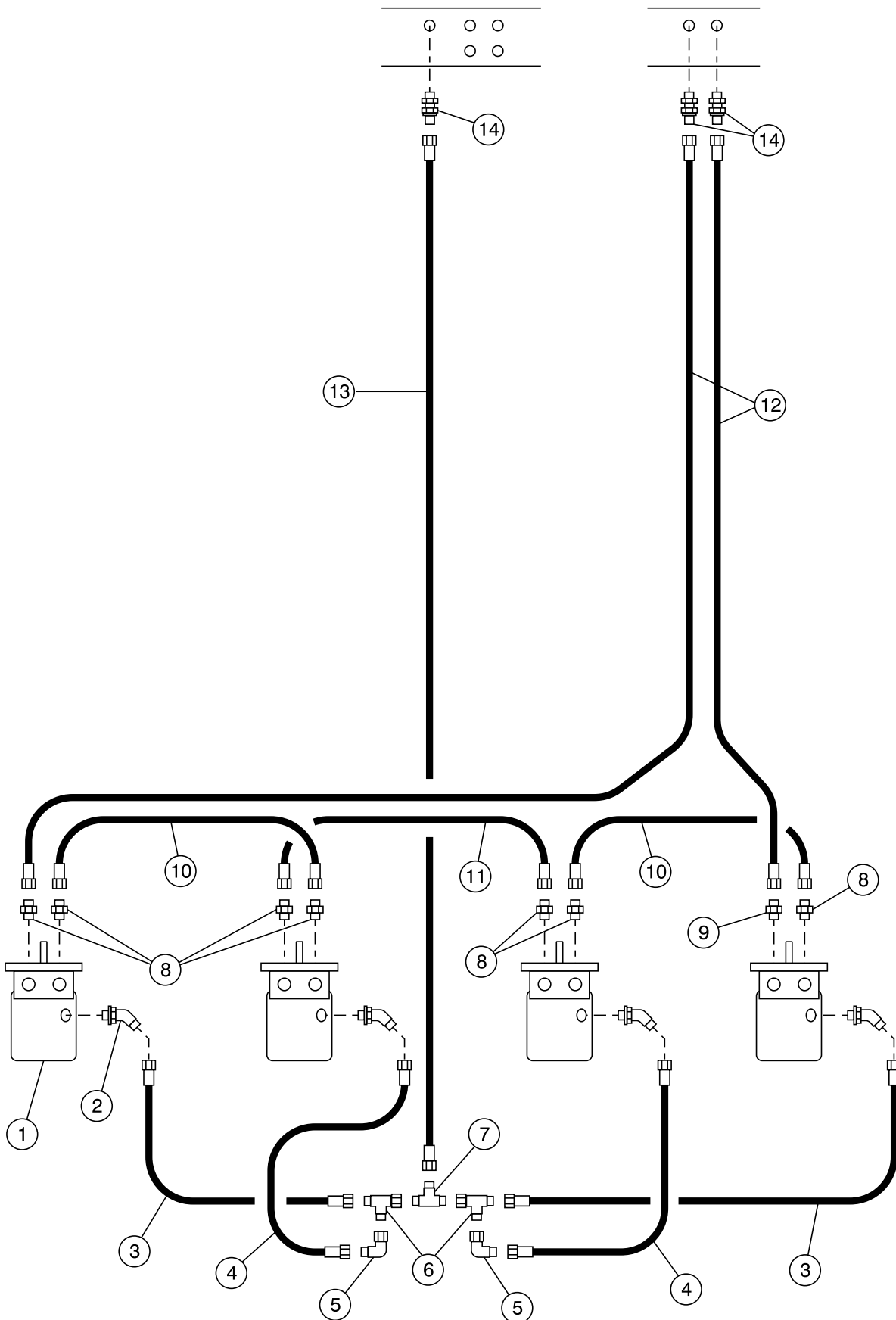
HYDRAULICS, CROSS CONVEYOR MOTORS CIRCUIT



HYDRAULICS, CROSS CONVEYOR MOTORS CIRCUIT

KEY	P/N	DESCRIPTION	QTY
1	6005-2596	VLV, FLOW DIV, HOT OIL SHUTTLE (REFER TO <i>SHUTTLE VALVE ASSEMBLY</i> ILLUSTRATION FOR PARTS BREAKDOWN)	2
-	93053	HHCS, 3/8-16X1, GR5 PLTD	8
-	93578	WASHER, 3/8, SPLIT LOCK PLTD	8
-	93603	WASHER, 3/8, FLAT PLTD, ANS TYPE A, WIDE	8
2	6005-0073	HYD FTG ELBOW 90DEG ADJ 10JIC-M-10ORB-M	4
3	6005-1483	HYD HOSE .500-2500 10FJIC-10FJIC X 156	2
4	6005-0456	HYD FTG ELBOW 90DEG ADJ 6JIC-M - 8ORB-M	1
5	6005-2559	HOSE ASSY, 3/8X 90 CASE T	1
6	6005-0733	HYD FTG TEE TUBE 6JIC-M-6JIC-M-6JIC-M	1
7	6005-2558	HOSE ASSY, 1/4X 68 CASE C	2
8	6005-0046	HYD FTG STR CONN 4JIC-M - 4ORB-M	2
9	6005-2574	MTR, GRTR, 195CC	2
-	43517	SEAL KIT	A.R.
10	6005-0189	HYD FTG STR CONN 10JIC-M- 10ORB-M	2
11	6005-0193	HYD FTG ELBOW 90DEG SWVL 10JIC-M-10JIC-F	2
12	6005-1078	HOSE ASSY, 1/2X186 3500 1	2
13	6005-0423	HYD FTG TEE TUBE 10JIC-M-10JIC-M-10JIC-M	2

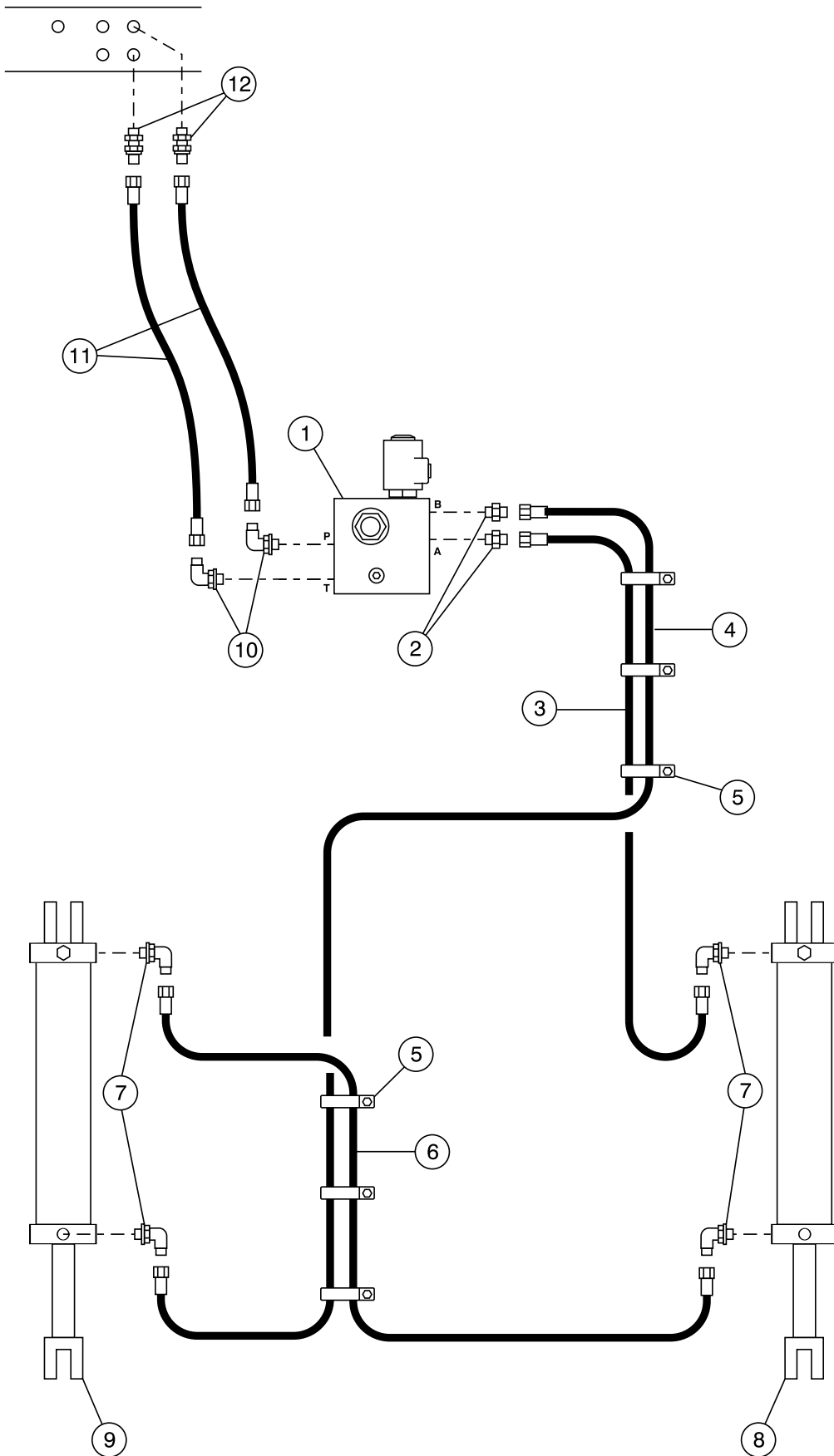
HYDRAULICS, CUTTER MOTORS CIRCUIT



HYDRAULICS, CUTTER MOTORS CIRCUIT

KEY	P/N	DESCRIPTION	QTY
1	6050-1113	HYD MOTOR CUTTER NICHOLS3.6 C.I	4
-	6005-1614	SEAL KIT	A.R.
-	6005-1615	SEAL, DUST	A.R.
-	6005-1616	RING, BACK-UP	A.R.
-	6005-1617	SEAL, LIP	A.R.
-	93313	BOLT,PLOW,1/2-13X1-1/2 GR5,#3 HEAD,BLACK	2
-	93604	WASHER,7/16,FLAT PLTD,ANS TYPE A,WIDE	2
-	93580	WASHER,1/2,SPLIT LOCK PLTD	2
-	93455	NUT,1/2-13,HEX,GR5 UNC,RH,PLTD	2
2	6005-1640	HYD FTG ELBOW 45 DEG ADJ6JIC-M-4ORB-M	4
3	6005-1719	HOSE ASSY,1/4X 90 3000 6	2
4	6005-1659	HOSE ASSY,1/4X 27 SAE100R2,6FJX6FJ	2
5	6005-0358	HYD FTG ELBOW 90DEG SWVL6JIC-M-6JIC-FM	2
6	6005-0422	HYD FTG TEE SWVL 6JIC-M-6JIC-F-6JIC-M	2
7	6005-0733	HYD FTG TEE TUBE 6JIC-M-6JIC-M-6JIC-M	1
8	6005-0189	HYD FTG STR CONN 10JIC-M- 10ORB-M	7
9	6005-0189	HYD FTG STR CONN 10JIC-M- 10ORB-M (USED WITH 2430, 2460, 2470 AND 2475 HARVESTERS)	1
9	406389	VLV,CHECK,65PSI CRACK SAE10MOR -SAE10,JIC HOSE (USED WITH 84XX HARVESTERS)	1
10	7005-0221	HOSE ASSY,1/2X 80 SAE100R2,10FJX10FJ	3
11	6005-1489	HOSE ASSY,1/2X 54 SAE100R2,10FJX10FJ	1
12	6005-2461	HOSE ASSY,1/2X168 SAE100R2,10FJX10FJ	2
13	7005-0339	HOSE ASSY,1/4X 90 SAE100R2,6FJX6FJ	1
14	6005-0198	HYD FTG BULKHEAD #10JIC-M - #10JIC-M	3

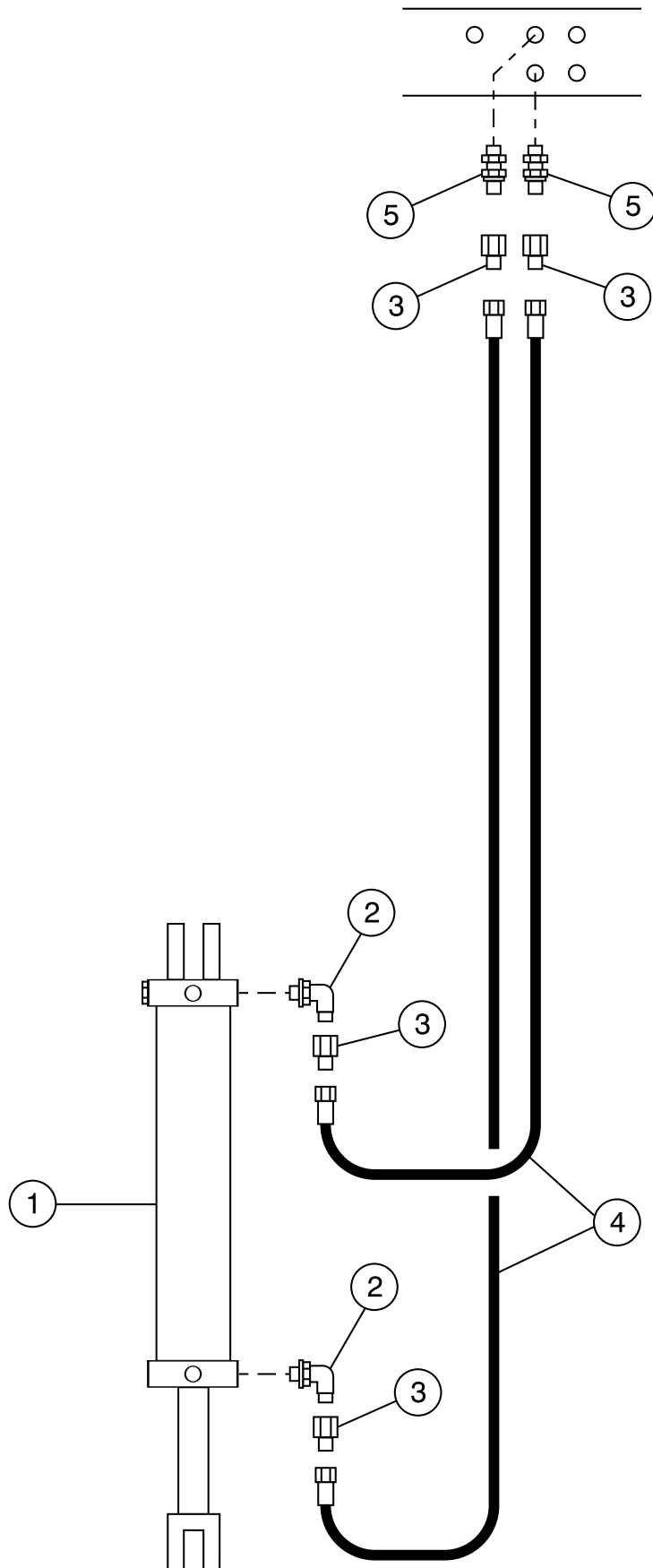
HYDRAULICS, WINDOW CIRCUIT



HYDRAULICS, WINDOW CIRCUIT

KEY	P/N	DESCRIPTION	QTY
1	6005-1257	VLV,HEADER CONCAVE CONTROL	1
-	6005-0184	VLV,P.O.CHECK CARTDG 3:1 PILOT TO OPEN,HF	A.R.
-	47389	SEAL KIT,08-3 SIZE CART BUNA N,HF	A.R.
-	93038	HHCS,5/16-18X3-1/2,GR5 PLTD	2
-	93522	NUT,5/16-18,WHIZLOC ZN GR5	2
2	45307	ADAP,6MJX6MOR	4
3	6005-2571	HOSE ASSY,3/8X 65 PRESSURE	1
4	6005-2570	HOSE ASSY,3/8X 76 RETURN	1
5	6050-0062	HOSE CLAMP PLATE .250 HR	6
-	1040-0260	CABLE CLAMP .875 ID CUSHIONED METAL (NOT SHOWN)	A.R.
6	6005-2572	HOSE ASSY,3/8X142 PRESSURE	1
7	6005-0062	HYD FTG ELBOW 90DEG ADJ 8JIC-M - 8ORB-M	4
8	44666	CYL,2-3/4X12,TIE ROD SERIES,PAINTED BLACK (R.H.)	1
-	43017	SEAL KIT	A.R.
9	44665	CYL,2-1/2X12,TIE ROD SERIES,PAINTED BLACK (L.H.)	1
-	43018	SEAL KIT	A.R.
10	6005-0104	HYD FTG ELBOW 90DEG ADJ 6JIC-M-6ORB-M	2
11	6005-0768	HOSE ASSY,1/4X 53 3000 6	2
12	46352	ADAP,-06MOFS-06MOFS STR BULKHEAD	2

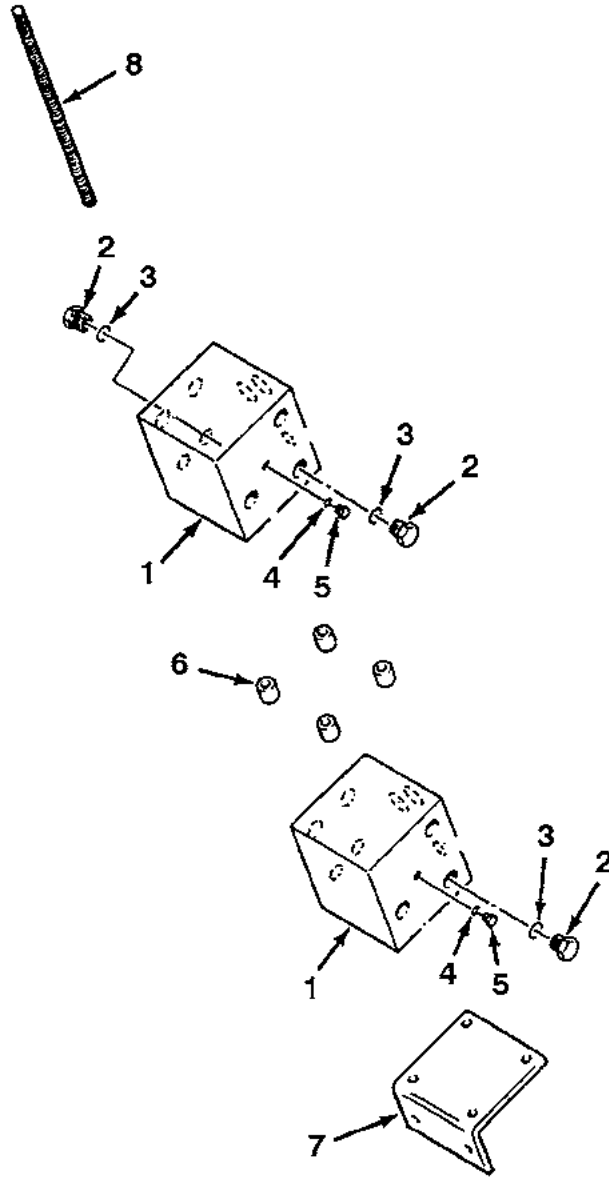
HYDRAULICS, GAUGE WHEEL CIRCUIT



HYDRAULICS, GAUGE WHEEL CIRCUIT

KEY	P/N	DESCRIPTION	QTY
1	9003-0112	CYL,3X10	1
	48512	SEAL KIT	A.R.
2	6005-0456	HYD FTG ELBOW 90DEG ADJ 6JIC-M - 8ORB-M	2
3	6005-0027	HYD FTG REDUCER 6JIC-FM - 4JIC-M	4
4	6005-0367	HOSE ASSY,1/4X 78 2750 4	2
5	46352	ADAP,-06MOFS-06MOFS STR BULKHEAD	2

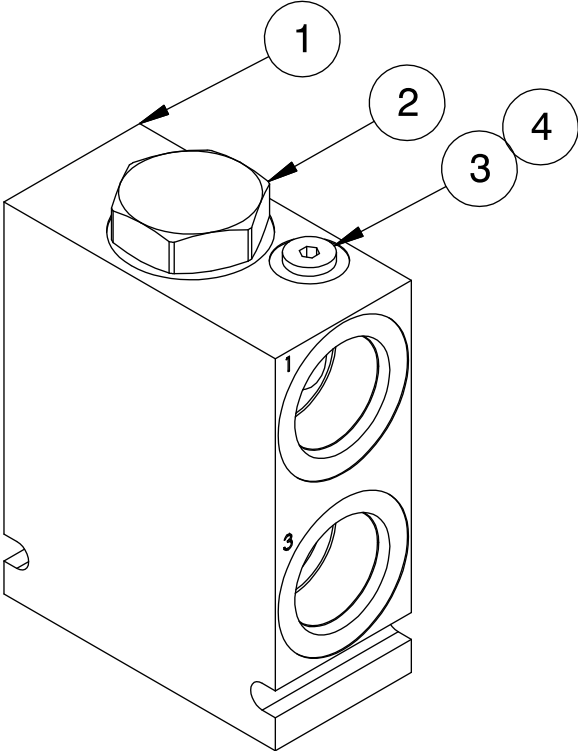
SHUTTLE VALVE ASSEMBLY



SHUTTLE VALVE ASSEMBLY

KEY	P/N	DESCRIPTION	QTY
-	6005-2596	VLV, FLOW DIV, HOT OIL SHUTTLE (INCLUDES 1 THRU 8)	1
1	-----	VALVE BODY	2
2	6005-0059	HYD FTG PLUG 8ORB-M	2
3	6005-0327	O-RING FOR #8 HYD FTG	2
4	6005-0325	O-RING FOR #4 HYD FTG	2
5	6005-0278	HYD FTG PLUG SKTHD 4ORB-M	2
6	6050-1038	SPACER	4
7	6050-0122	HYD BLOCK MTG	1
-	93080	HHCS, 1/2-13X1-1/2, GR5 PLTD	2
-	93525	NUT, 1/2-13, WHIZLOC, GR5 PLTD, SERRATED FLANGE	2
8	6050-1037	BAR ROUND .312 CR STUD HYD BLOCK 11.50LG	4
-	93522	NUT, 5/16-18, WHIZLOC ZN GR5	8

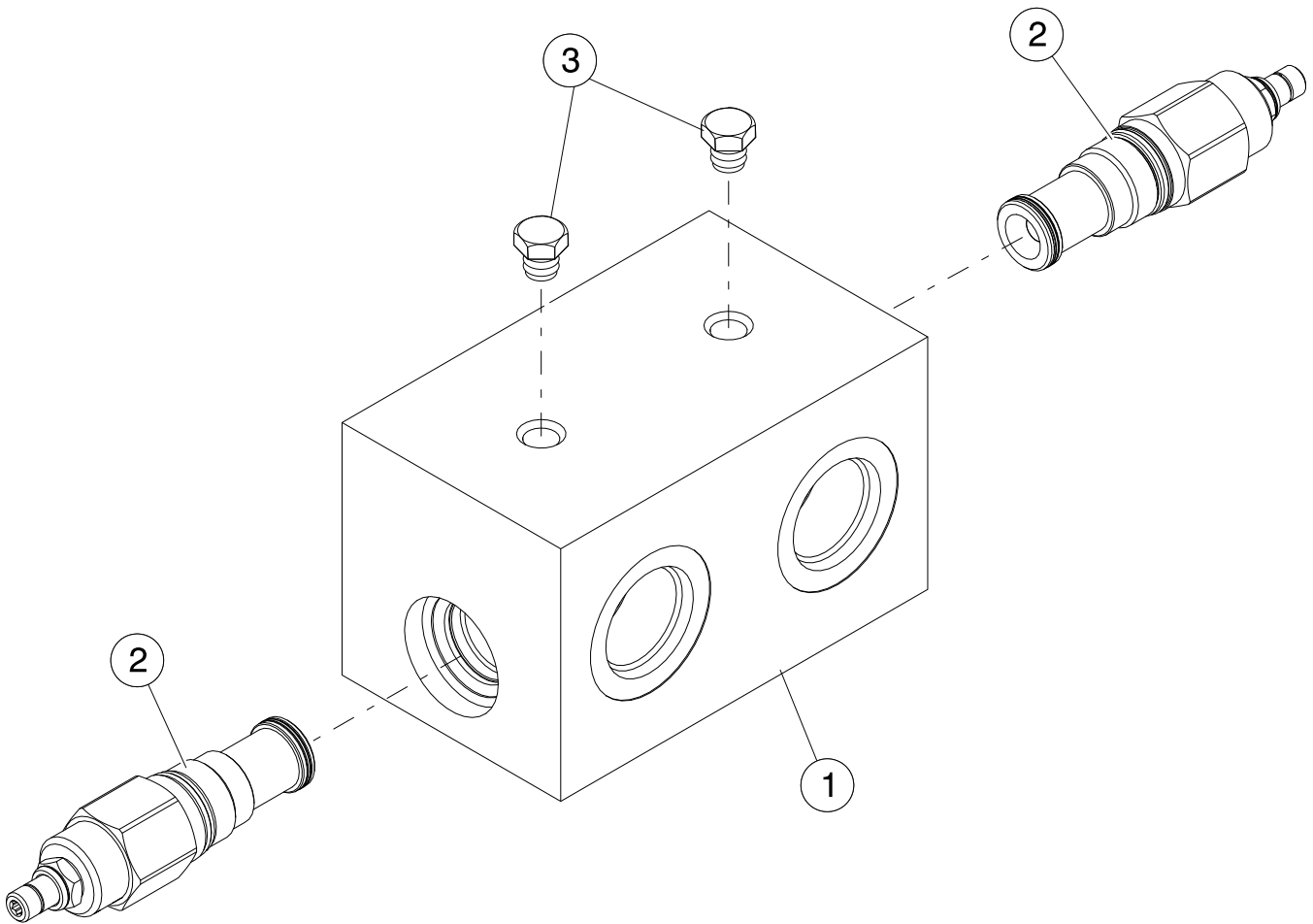
FLOW DIVIDER VALVE ASSEMBLY



FLOW DIVIDER VALVE ASSEMBLY

KEY	P/N	DESCRIPTION	QTY
-	405886	VLV, FLOW DIV/COMB W/BODY 50/50, 52 GPM, 5000 PSI, HF	-
1	405899	VLV BODY, ISO 16-4	1
2	405887	VLV, FLOW DIV/COMB CARTDG	1
-	405587	SEAL KIT, ISO 16-4 CARTG POLYURETHANE, HF	1
3	46845	PLUG, -4MOR, HEX SOCKET	1
4	46989	ORIFICE, 1/16 NPT .047" "	1

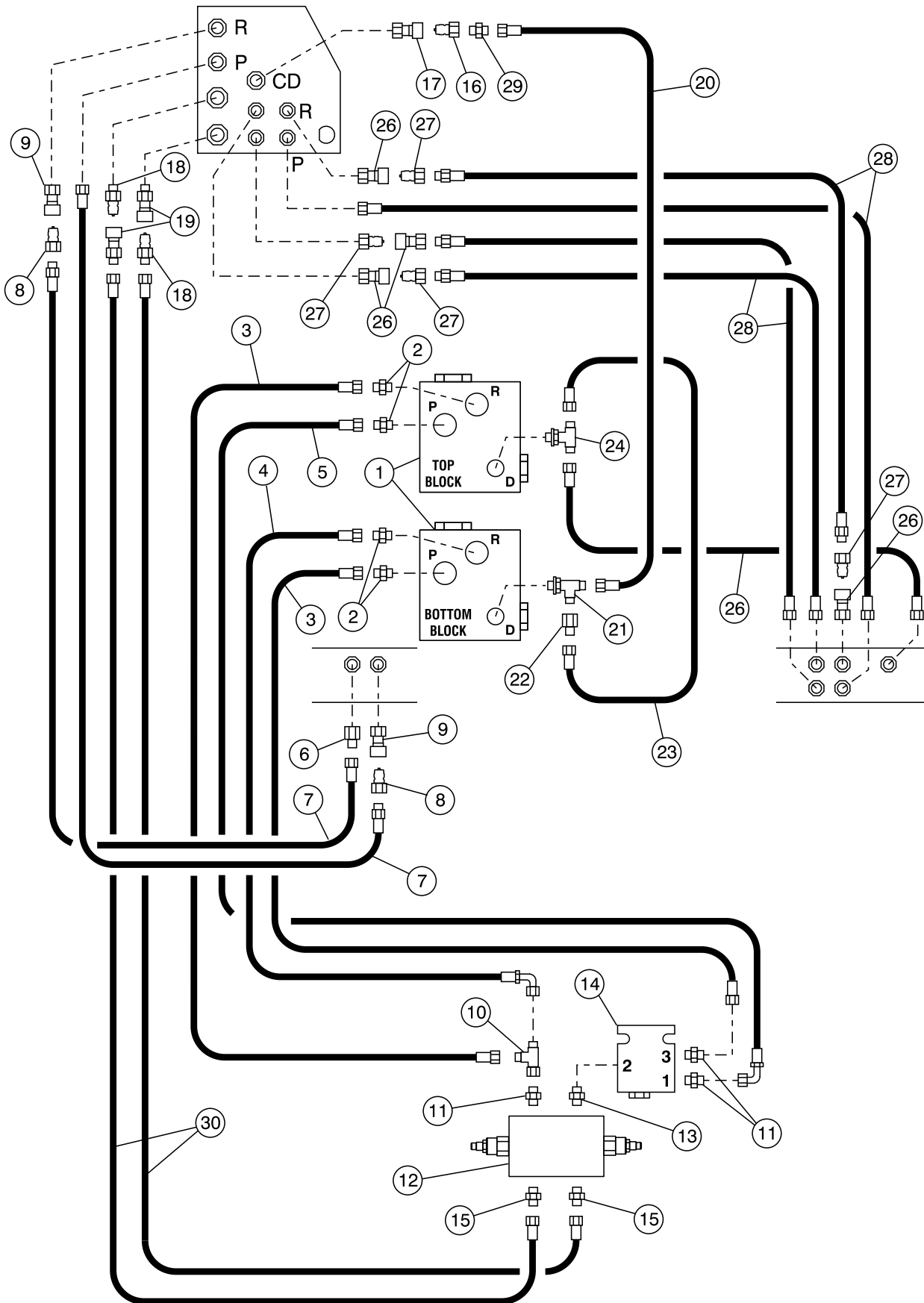
RELIEF VALVE ASSEMBLY



RELIEF VALVE ASSEMBLY

KEY	P/N	DESCRIPTION	QTY
-	404354	VLV,DUAL RELIEF	1
1	404388	VLV BODY,CROSS-PORT, T-3A CAVITY	1
2	404389	VLV,RELIEF,3500 PSI, T-3A	2
-	404390	SEAL KIT, T-3A CAVITY,BUNA,SUN	A.R.
4	44171	PLUG, 1/4NPT ZN SCKT HD	2

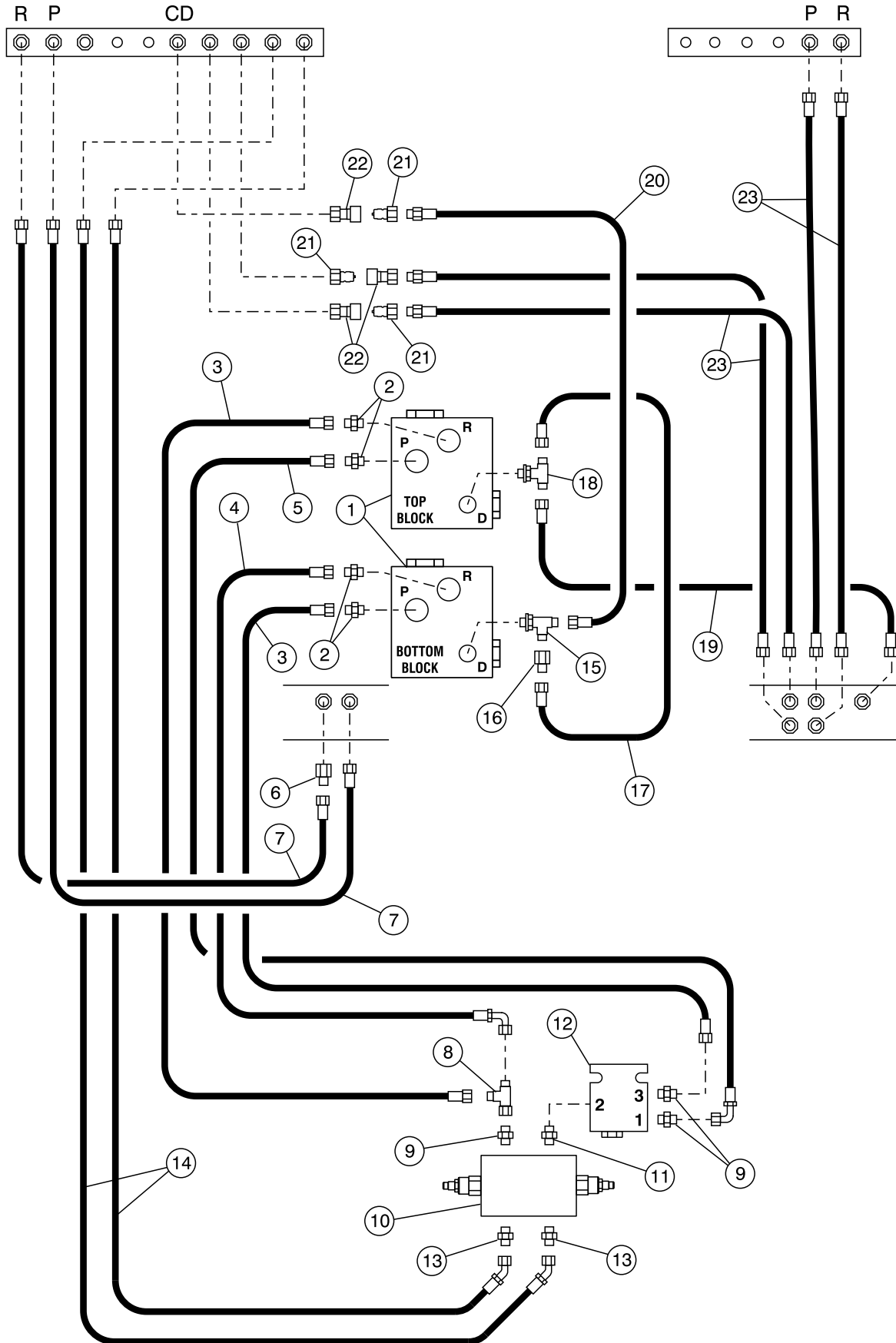
HYDRAULICS, 2430 HOOK-UP



HYDRAULICS, 2430 HOOK-UP

KEY	P/N	DESCRIPTION	QTY
1	6005-2596	VLV, FLOW DIV, HOT OIL SHUTTLE (REFER TO <i>SHUTTLE VALVE ASSEMBLY</i> ILLUSTRATION FOR PARTS BREAKDOWN)	2
2	6005-0049	HYD FTG STR CONN 12JIC-M- 12ORB-M	4
3	404506	HOSE ASSY, 3/4X 56 SAE100R17, 12FOFX12FOF	2
4	404505	HOSE ASSY, 3/4X 53 SAE100R17, 12FOFX12FOF9	1
5	404507	HOSE ASSY, 3/4X 57 SAE100R17, 12FOFX12FOF	1
6	6005-0197	HYD FTG REDUCER 10JIC-FM- 8JIC-M	1
7	6005-0752	HOSE ASSY, 1/2X 93 3000 8	2
8	6005-1458	QUICK DISCONNECT NIPPLE NO.10 X 8 ORB-F	2
9	6005-1459	QUICK DISCONNECT COUPLER NO.10 X 8 ORB-F	2
10	46252	TEE, -12-12-12OFS SWV RUN	1
11	46282	ADAP, -12MOFS-16MOR STR	3
12	404354	VLV, DUAL RELIEF (REFER TO <i>RELIEF VALVE ASSEMBLY</i> ILLUSTRATION FOR PARTS BREAKDOWN)	1
13	47720	ADAP UNION 16MOR X 16MOR PARKER 16F5OHAO	1
14	405886	VLV, FLOW DIV/COMB W/BODY 50/50, 52 GPM, 5000 PSI, HF (REFER TO <i>FLOW DIVIDER VALVE ASSEMBLY</i> ILLUSTRATION FOR PARTS BREAKDOWN)	1
15	46283	ADAP, -16MOFS-16MOR STR	2
16	6005-1462	QUICK DISCONNECT NIPPLE NO.12 X 12ORB-F	1
17	6005-1463	QUICK DISCONNECT COUPLER NO.12 X 12ORB-F	1
18	402658	QUICK CPLR, 1 MALE -16 MOR	2
19	402659	QUICK CPLR, 1 FEMALE -16 MOR	2
20	6005-0234	HOSE ASSY, 3/4X 90 3000 1	1
21	6005-0077	HYD FTG TEE SWVL 12JIC-M-12JIC-F-12JIC-M	1
22	6005-0085	HYD FTG REDUCER 12JIC-FM- 8JIC-M	1
23	7005-0372	HOSE ASSY, 1/2X 18 2000 8	1
24	45435	TEE, -8-8 BRANCH	1
25	404167	HOSE ASSY, 3/8 X 18 SAE100R17, 6FJX8FJ	1
26	6005-1457	QUICK DISCONNECT COUPLER NO.6 X 6 ORB-F	4
27	6005-1456	QUICK DISCONNECT NIPPLE NO.6 X 6 ORB-F	4
28	7005-0448	HOSE ASSY, 1/4X 90 3000 6	4
29	6005-0085	HYD FTG REDUCER 12JIC-FM- 8JIC-M	1
30	404528	HOSE ASSY, 3/4 X 42 SAE100R17, 16FOFX16FOF	2

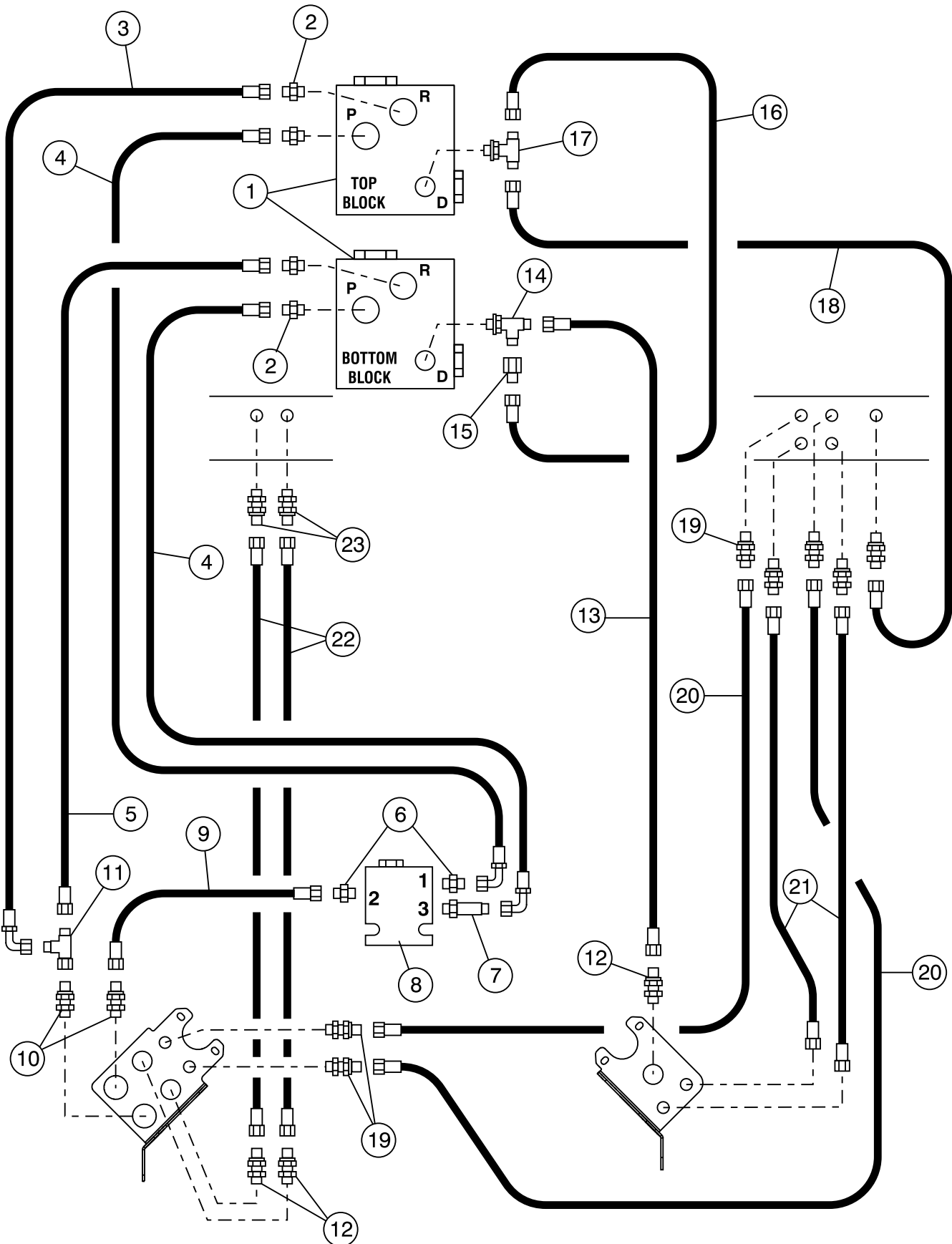
HYDRAULICS, 2460/2470/2475 HOOK-UP



HYDRAULICS, 2460/2470/2475 HOOK-UP

KEY	P/N	DESCRIPTION	QTY
1	6005-2596	VLV, FLOW DIV, HOT OIL SHUTTLE (REFER TO <i>SHUTTLE VALVE ASSEMBLY</i> ILLUSTRATION FOR PARTS BREAKDOWN)	2
2	6005-0049	HYD FTG STR CONN 12JIC-M- 12ORB-M	4
3	404506	HOSE ASSY, 3/4X 56 SAE100R17, 12FOFX12FOF	2
4	404505	HOSE ASSY, 3/4X 53 SAE100R17, 12FOFX12FOF9	1
5	404507	HOSE ASSY, 3/4X 57 SAE100R17, 12FOFX12FOF	1
6	6005-0197	HYD FTG REDUCER 10JIC-FM- 8JIC-M	1
7	404171	HOSE ASSY, 5/8X115 SAE100R17, 10FJ X 10FOF	2
8	46252	TEE, -12-12-12OFS SWV RUN	1
9	46282	ADAP, -12MOFS-16MOR STR	3
10	404354	VLV, DUAL RELIEF (REFER TO <i>RELIEF VALVE ASSEMBLY</i> ILLUSTRATION FOR PARTS BREAKDOWN)	1
11	47720	ADAP UNION 16MOR X 16MOR PARKER 16F5OHAO	1
12	405886	VLV, FLOW DIV/COMB W/BODY 50/50, 52 GPM, 5000 PSI, HF (REFER TO <i>FLOW DIVIDER VALVE ASSEMBLY</i> ILLUSTRATION FOR PARTS BREAKDOWN)	1
13	46283	ADAP, -16MOFS-16MOR STR	2
14	404568	HOSE ASSY, 1X 72 SAE100R12, 16FOFX16FOF4	2
15	6005-0077	HYD FTG TEE SWVL 12JIC-M-12JIC-F-12JIC-M	1
16	6005-0085	HYD FTG REDUCER 12JIC-FM- 8JIC-M	1
17	7005-0372	HOSE ASSY, 1/2X 18 2000 8	1
18	45435	TEE, -8-8 BRANCH	1
19	404167	HOSE ASSY, 3/8 X 18 SAE100R17, 6FJX8FJ	1
20	404173	HOSE ASSY, 3/4X115 SAE100R17, 12FJ X 12FOF	1
21	6005-1456	QUICK DISCONNECT NIPPLE NO.6 X 6 ORB-F	4
22	6005-1457	QUICK DISCONNECT COUPLER NO.6 X 6 ORB-F	4
23	404170	HOSE ASSY, 1/4X120 SAE100R17, 6FJ X 6FOF	4

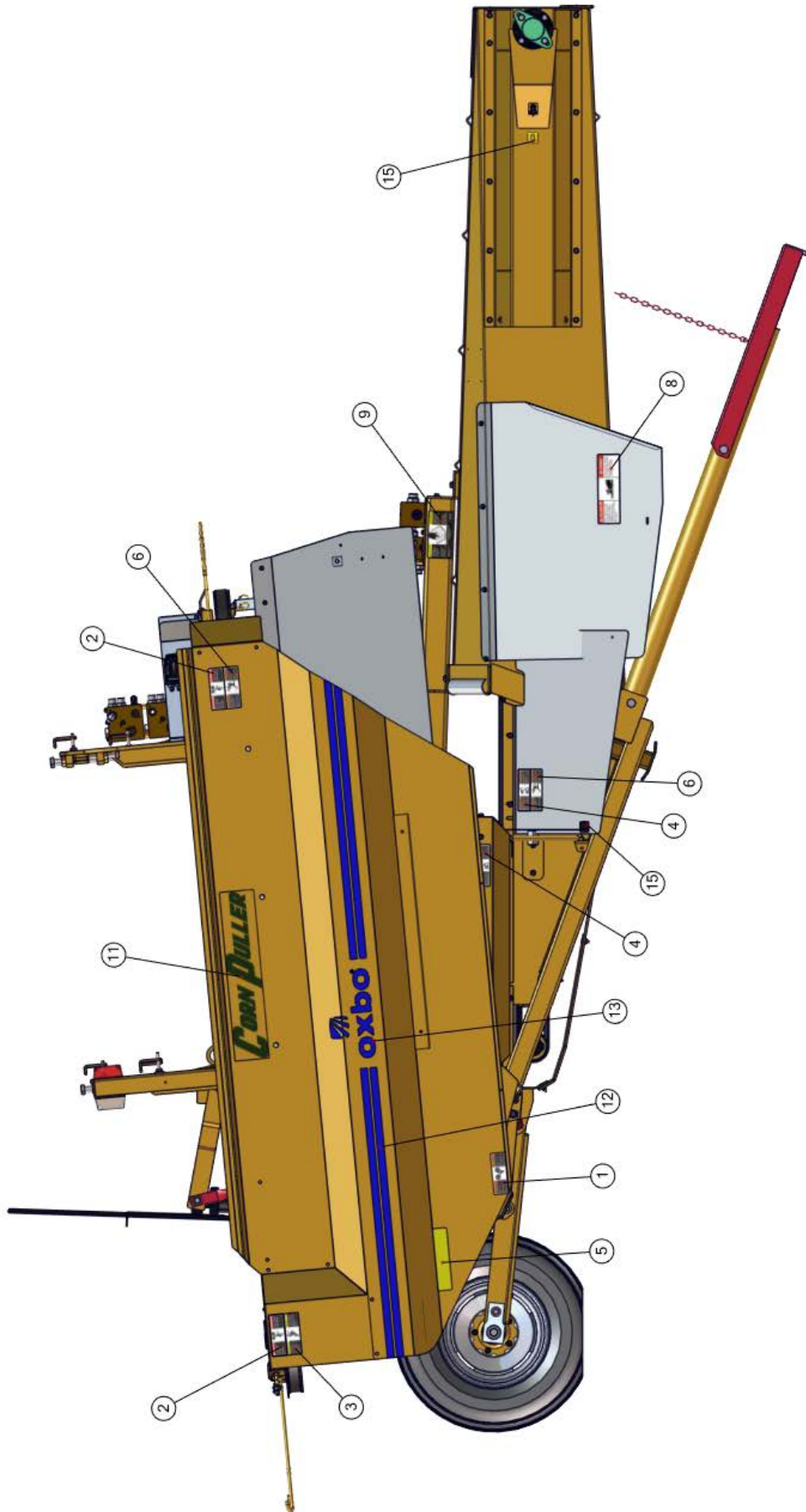
HYDRAULICS, 84XX HOOK-UP



HYDRAULICS, 84XX HOOK-UP

KEY	P/N	DESCRIPTION	QTY
1	6005-2596	VLV, FLOW DIV, HOT OIL SHUTTLE (REFER TO <i>SHUTTLE VALVE ASSEMBLY</i> ILLUSTRATION FOR PARTS BREAKDOWN)	2
2	46279	ADAP, -12MOFS-12MOR STR	4
3	406026	HOSE ASSY, 3/4X 84 SAE100R17, 12FJX16FJ9	1
4	406024	HOSE ASSY, 3/4X 62 SAE100R12, 12FJX12FJ9	2
5	6005-1490	OSE ASSY, 3/4X115 4000 1	1
6	46283	ADAP, -16MOFS-16MOR STR	2
7	45350	ADAP, 16MJX16MOR LONG	1
8	405886	VLV, FLOW DIV/COMB W/BODY50/50, 52 GPM, 5000 PSI, HF (REFER TO <i>FLOW DIVIDER VALVE ASSEMBLY</i> FOR PARTS BREAKDOWN)	1
-	405587	SEAL KIT	A.R.
9	406023	HOSE ASSY, 1X 34 SAE100R12, 16FOFX16FOF	1
10	46356	ADAP, -16MOFS-16MOFS STR BULKHEAD	2
11	6005-0545	HYD FTG TEE SWVL 16JIC-M-16JIC-F-16JIC-M	1
12	46355	ADAP, -12MOFS-12MOFS STR BULKHEAD	3
13	406019	HOSE ASSY, 3/4X 80 SAE100R17, 12FJX12FOF	1
14	6005-0077	HYD FTG TEE SWVL 12JIC-M-12JIC-F-12JIC-M	1
15	6005-0085	HYD FTG REDUCER 12JIC-FM- 8JIC-M	1
16	7005-0372	HOSE ASSY, 1/2X 18 2000 8	1
17	45435	TEE, -8-8 BRANCH	1
18	406022	HOSE ASSY, 3/8X 19 SAE100R17, 8FJX6FJ	1
19	46352	ADAP, -06MOFS-06MOFS STR BULKHEAD	9
20	406021	HOSE ASSY, 1/4X 82 SAE100R17, 10FJX12FOF (GAUGE WHEEL)	2
21	406020	HOSE ASSY, 1/4X 90 SAE100R17, 10FJX12FOF (WINDOW)	2
22	406018	HOSE ASSY, 1/2X84 SAE100R17, 10FJX12FOF (CUTTER)	2
23	46354	ADAP, -10MOFS-10MOFS STR BULKHEAD	2

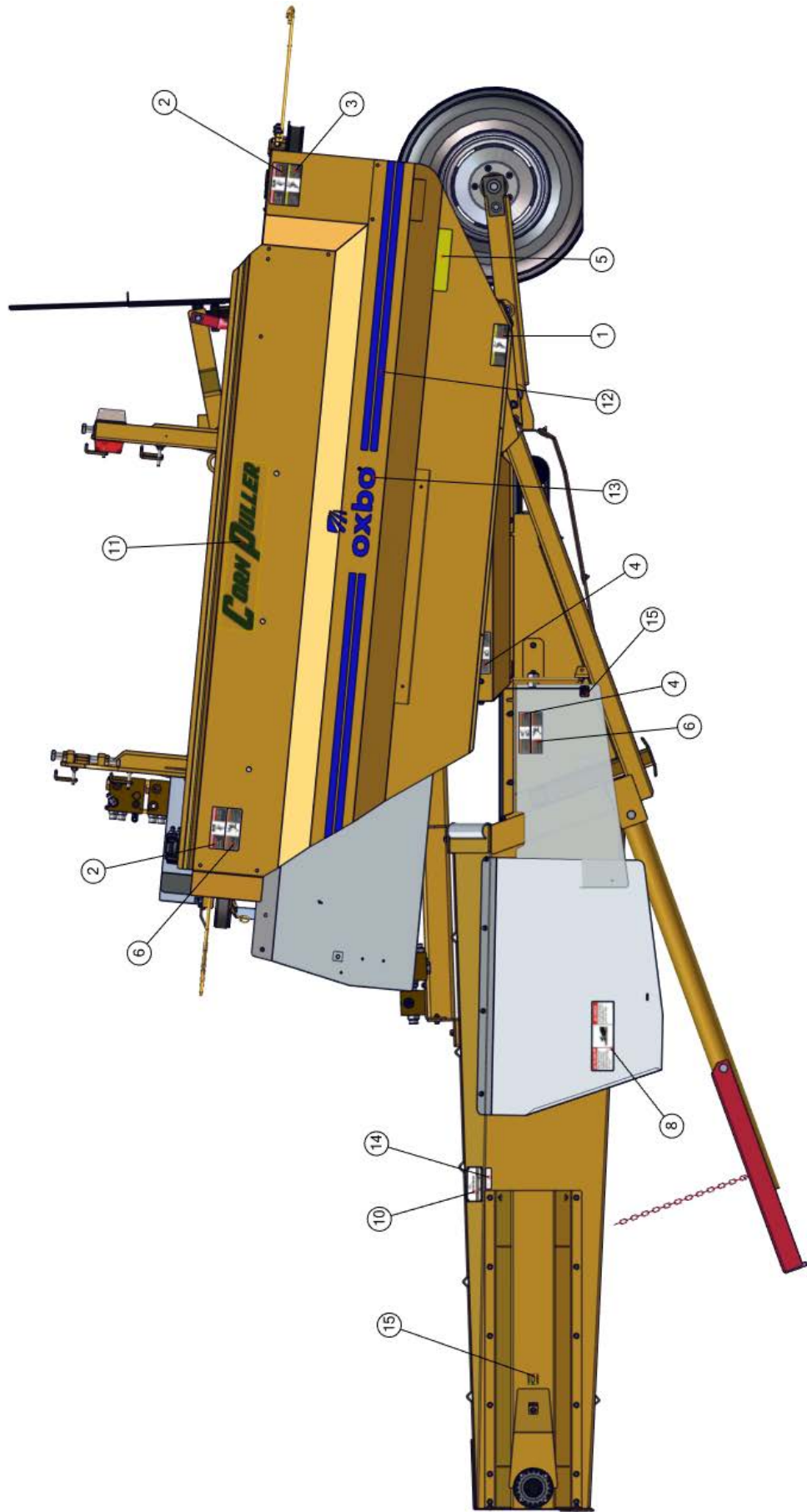
SIGNS & DECALS, LEFT HAND SIDE, DOMESTIC



SIGNS & DECALS, DOMESTIC, LEFT HAND SIDE, DOMESTIC

KEY	P/N	DESCRIPTION	QTY
1	92222	DECAL, DANGER ROTATING CUTTER	4
2	92930	DECAL, DANGER, STAY AWAY FROM BELTS	8
3	92932	DECAL, CAUTION, THROWN OBJECTS	4
4	92639	DECAL, WARNING KEEP GUARD IN PLACE	6
5	90923	KIT, REFLECTOR, 10-PC - USE FOUR GOLD ONLY	1
6	92929	DECAL, WARNING, FLYING DEBRIS	4
7	92931	DECAL, DANGER, STOP ENGINE TO SERVICE OR CLEAN	4
8	3000-0343	DECAL, DANGER HEADER LIFT	2
9	90122	DECAL, CAUTION READ OPERATORS MANUAL	1
10	91093	SERIAL NO TAG OXBO	1
11	92438	DECAL, CORN PULLER	2
12	92416	DECAL, STRIPE BLUE 1.87"	6 ft.
13	92415	DECAL, OXBO LOGO BLUE 10.40 X 5.05	2
14	3000-0359	DECAL, PATENT NUMBER	1
15	90225	DECAL, "GREASE" ARROW W/ GREASE GUN	11

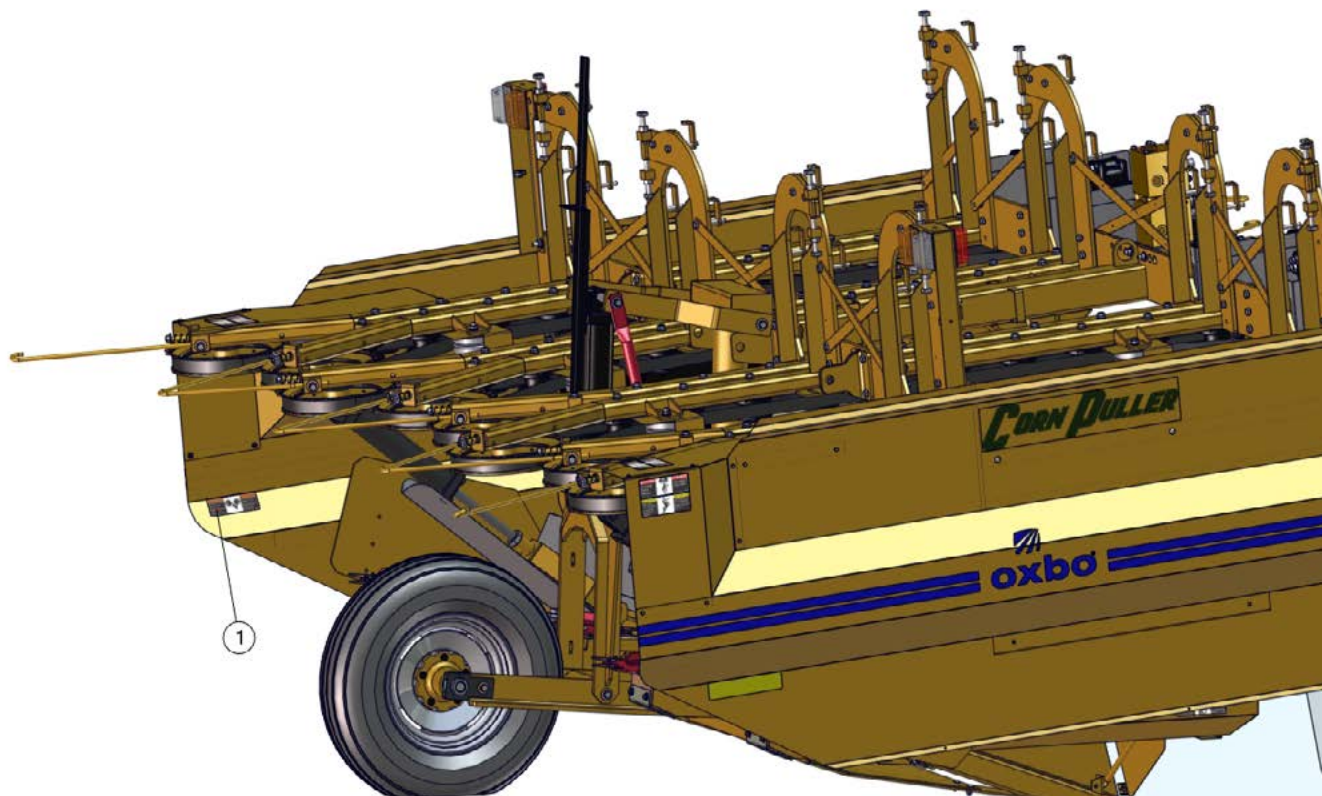
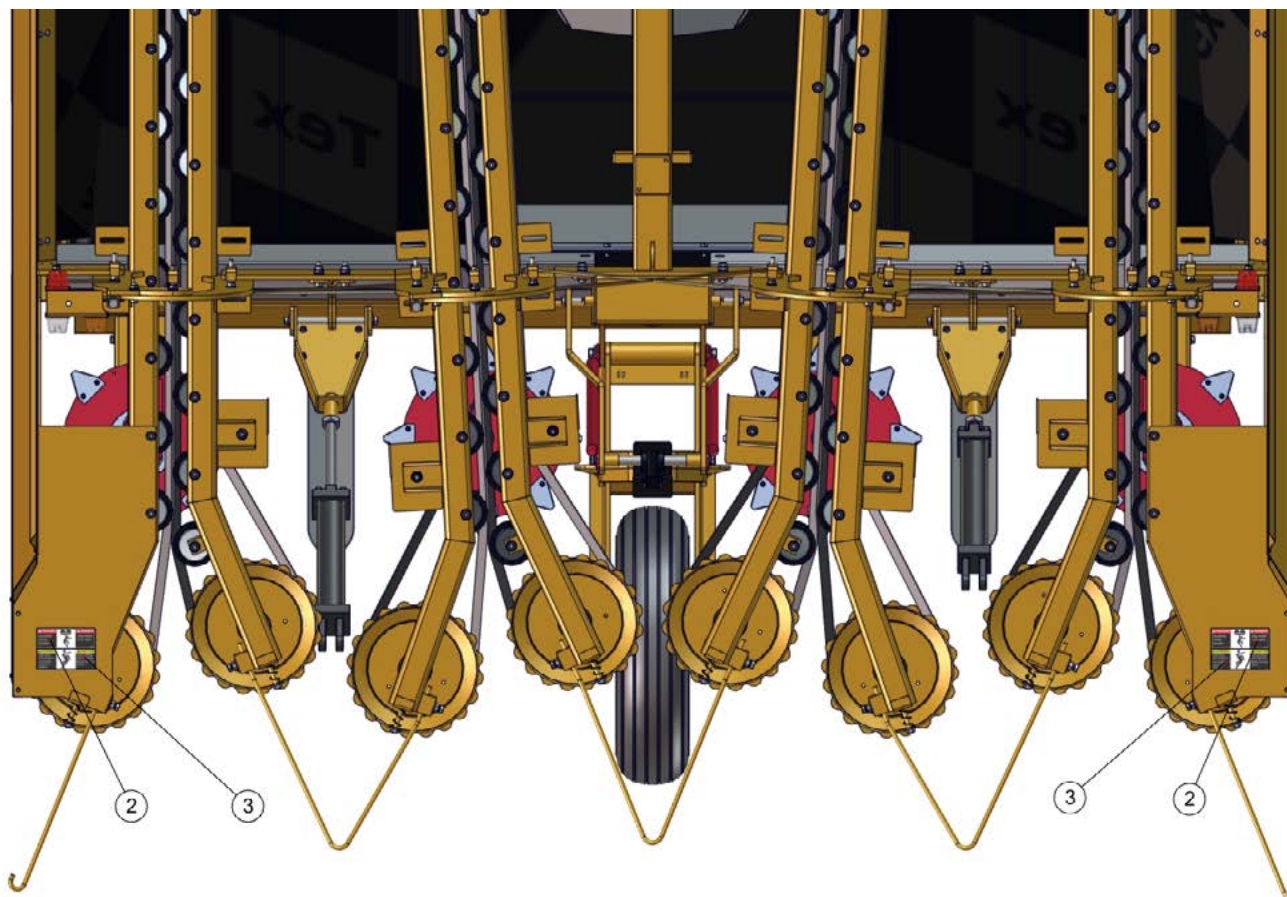
SIGNS & DECALS, RIGHT HAND VIEW, DOMESTIC



SIGNS & DECALS, RIGHT HAND VIEW, DOMESTIC

KEY	P/N	DESCRIPTION	QTY
1	92222	DECAL, DANGER ROTATING CUTTER	4
2	92930	DECAL, DANGER, STAY AWAY FROM BELTS	8
3	92932	DECAL, CAUTION, THROWN OBJECTS	4
4	92639	DECAL, WARNING KEEP GUARD IN PLACE	6
5	90923	KIT, REFLECTOR, 10-PC - USE FOUR GOLD ONLY	1
6	92929	DECAL, WARNING, FLYING DEBRIS	4
7	92931	DECAL, DANGER, STOP ENGINE TO SERVICE OR CLEAN	4
8	3000-0343	DECAL, DANGER HEADER LIFT	2
9	90122	DECAL, CAUTION READ OPERATORS MANUAL	1
10	91093	SERIAL NO TAG OXBO	1
11	92438	DECAL, CORN PULLER	2
12	92416	DECAL, STRIPE BLUE 1.87"	6 ft.
13	92415	DECAL, OXBO LOGO BLUE 10.40 X 5.05	2
14	3000-0359	DECAL, PATENT NUMBER	1
15	90225	DECAL, "GREASE" ARROW W/ GREASE GUN	11

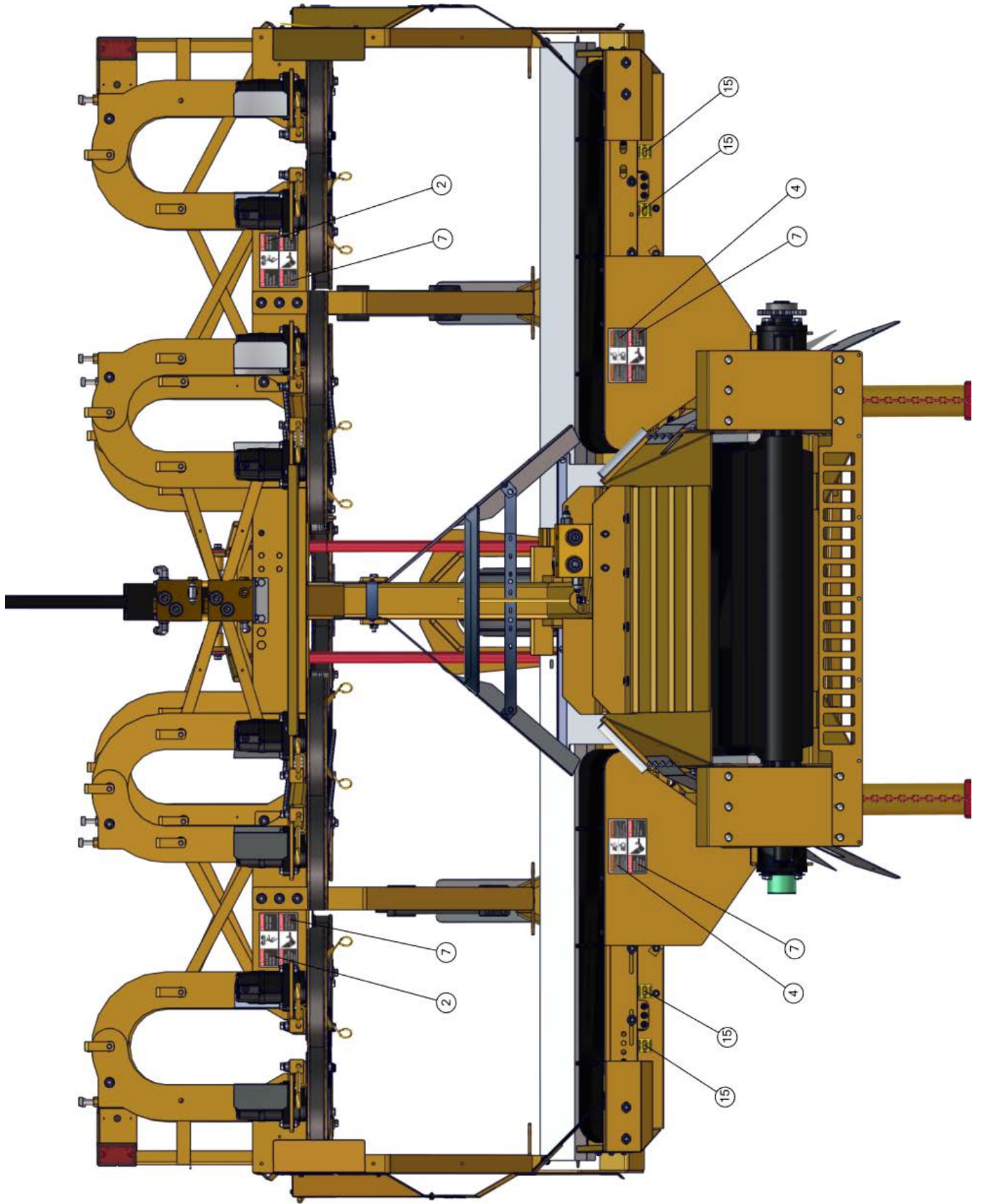
SIGNS & DECALS, TOP & INSIDE VIEW, DOMESTIC



SIGNS & DECALS, TOP & INSIDE VIEW, DOMESTIC

KEY	P/N	DESCRIPTION	QTY
1	92222	DECAL, DANGER ROTATING CUTTER	4
2	92930	DECAL, DANGER, STAY AWAY FROM BELTS	8
3	92932	DECAL, CAUTION, THROWN OBJECTS	4

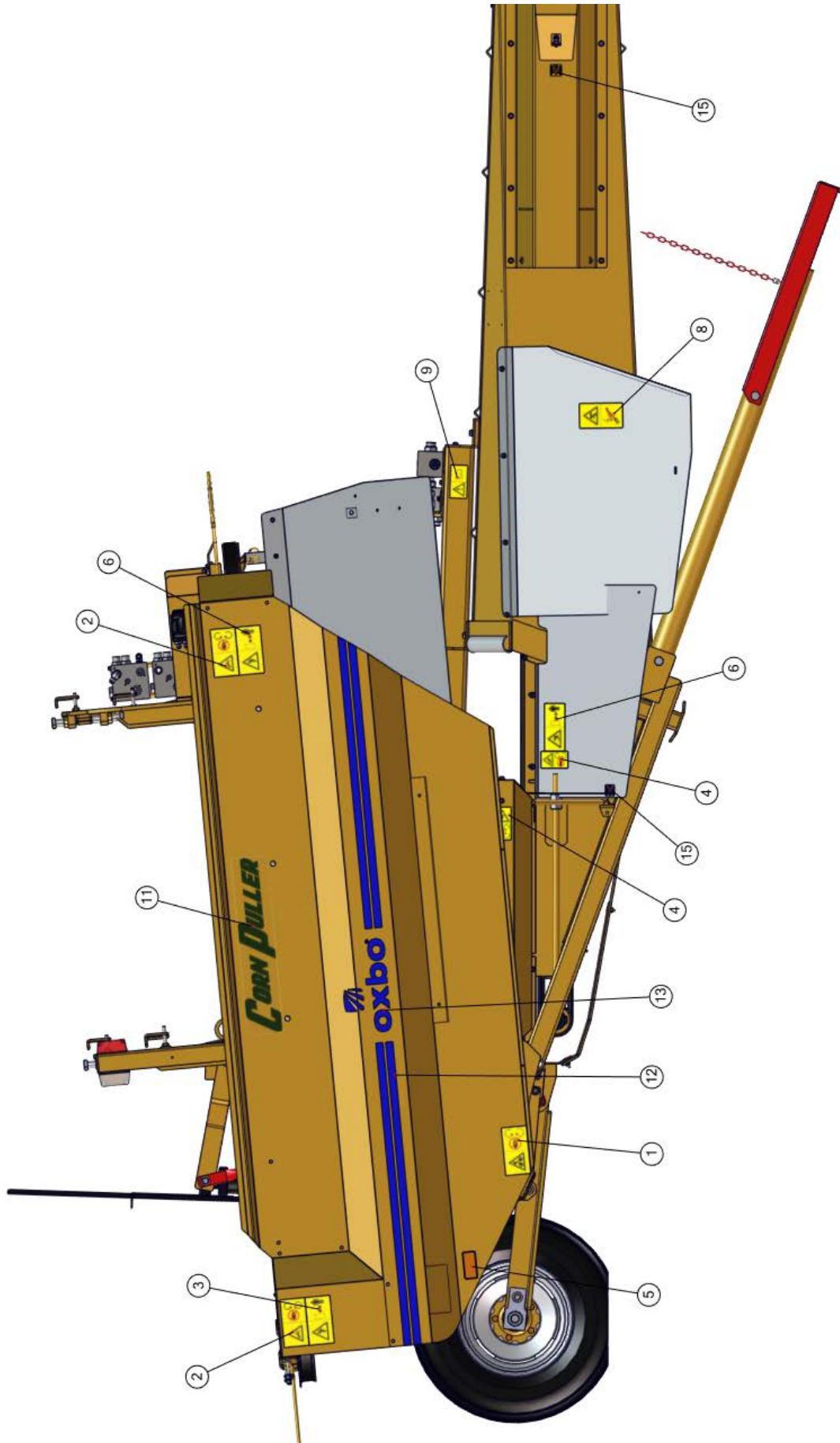
SIGNS & DECALS, REAR VIEW, DOMESTIC



SIGNS & DECALS, REAR VIEW, DOMESTIC

KEY	P/N	DESCRIPTION	QTY
1	92222	DECAL, DANGER ROTATING CUTTER	4
2	92930	DECAL, DANGER, STAY AWAY FROM BELTS	8
3	92932	DECAL, CAUTION, THROWN OBJECTS	4
4	92639	DECAL, WARNING KEEP GUARD IN PLACE	6
5	90923	KIT, REFLECTOR, 10-PC - USE FOUR GOLD ONLY	1
6	92929	DECAL, WARNING, FLYING DEBRIS	4
7	92931	DECAL, DANGER, STOP ENGINE TO SERVICE OR CLEAN	4
8	3000-0343	DECAL, DANGER HEADER LIFT	2
9	90122	DECAL, CAUTION READ OPERATORS MANUAL	1
10	91093	SERIAL NO TAG OXBO	1
11	92438	DECAL, CORN PULLER	2
12	92413	DECAL, STRIPE BLUE 2.34"	6 ft.
13	92412	DECAL, OXBO LOGO BLUE 12.88 X 6.25	2
14	3000-0359	DECAL, PATENT NUMBER	1
15	90225	DECAL, "GREASE" ARROW W/ GREASE GUN	11

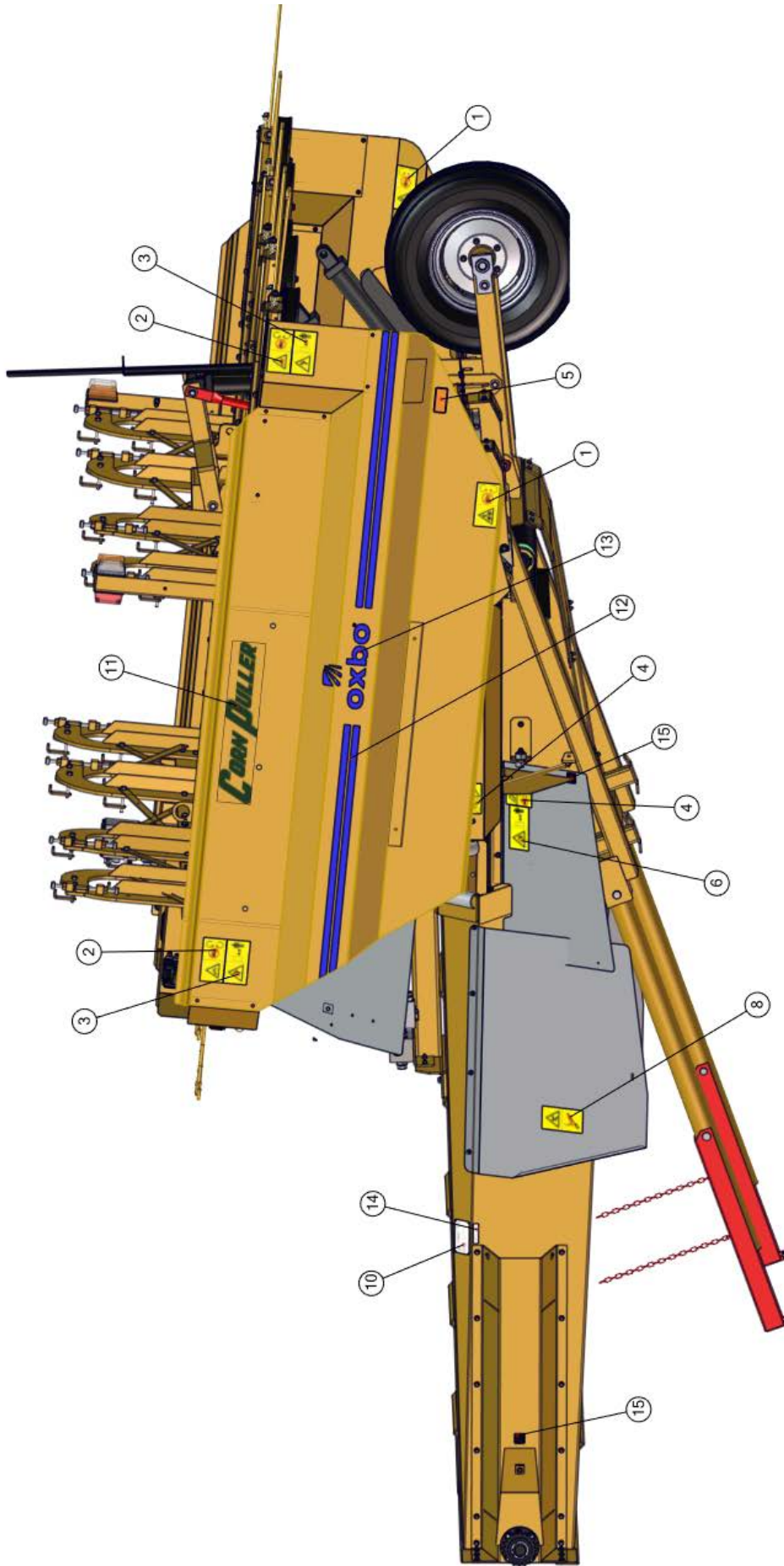
SIGNS & DECALS LEFT HAND VIEW, EUROPE



SIGNS & DECALS LEFT HAND VIEW, EUROPE

KEY	P/N	DESCRIPTION	QTY
1	92969	DECAL, CE (EUROPE) ROTATING CUTTERS	4
2	92970	DECAL, CE (EUROPE) THROWN OBJECT HAZARD	4
3	90538	DECAL, CE BSB-17 ROTATING PARTS 88 X 168 MM	8
4	90623	DECAL, CE BSB-9 MOVING BELT HAZARD	6
5	91025	REFLECTOR, AMBER, ADHESIVE BACKING 44 X 94 MM	1
6	90551	DECAL, CE BSB-33 FLYING OBJECTS HAZARD	4
7	90550	DECAL, CE BSB-34 SHUT OFF ENGINE REMOVE KEY	4
8	90535	DECAL, CE BSB-11 LOCK LIFT CYLINDER	2
9	90532	DECAL, CE BSB 451-294 READ OPERATORS MANUAL	1
10	92302	SERIAL NO TAG, OXBO, EURO CE ATTACHMENTS	1
11	92438	DECAL, CORN PULLER	2
12	92416	DECAL, STRIPE BLUE 1.87"	6 ft.
13	92415	DECAL, OXBO LOGO BLUE 10.40 X 5.05	2
14	3000-0359	DECAL, PATENT NUMBER	1
15	90225	DECAL, "GREASE" ARROW W/ GREASE GUN	11
16	92755	DECAL, CE (EUROPE) TIE DOWN POINT (NOT SHOWN)	2

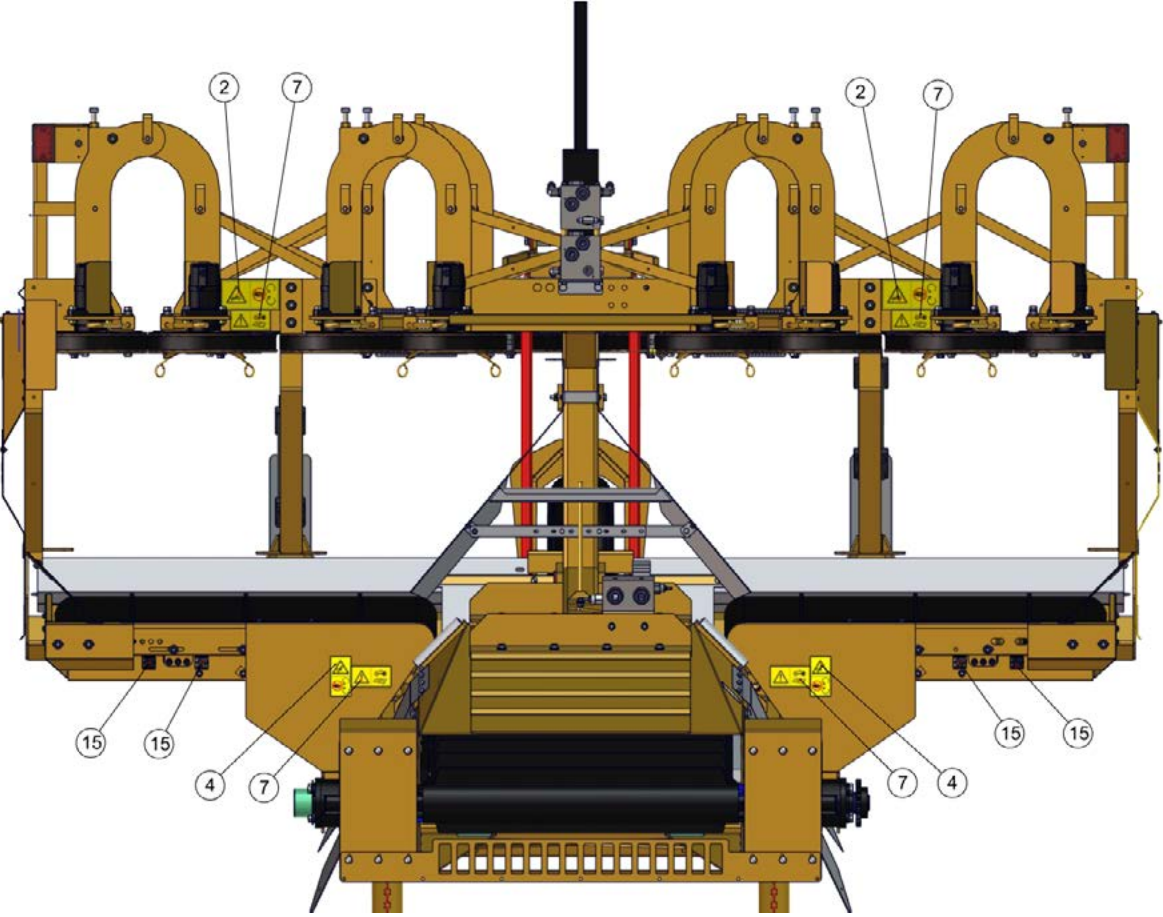
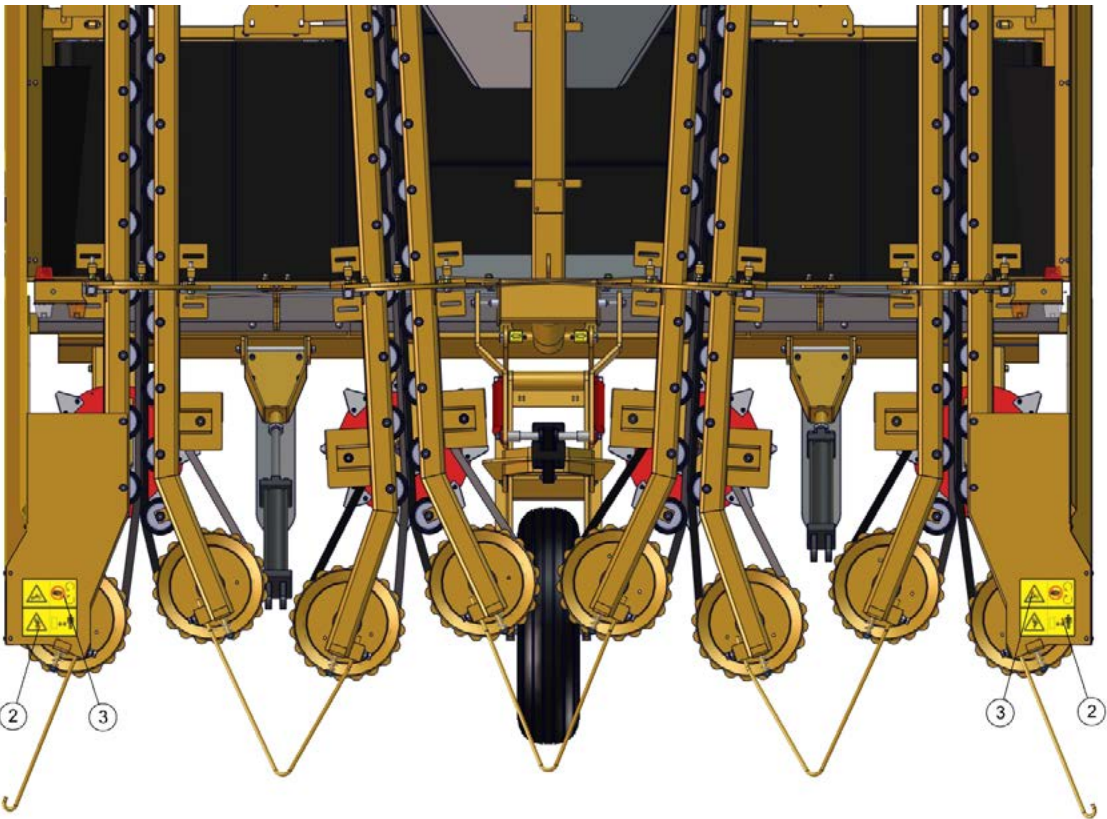
SIGNS & DECALS RIGHT HAND ANGLED VIEW, EUROPE



SIGNS & DECALS RIGHT HAND ANGLED VIEW, EUROPE

KEY	P/N	DESCRIPTION	QTY
1	92969	DECAL, CE (EUROPE) ROTATING CUTTERS	4
2	92970	DECAL, CE (EUROPE) THROWN OBJECT HAZARD	4
3	90538	DECAL, CE BSB-17 ROTATING PARTS 88 X 168 MM	8
4	90623	DECAL, CE BSB-9 MOVING BELT HAZARD	6
5	91025	REFLECTOR, AMBER, ADHESIVE BACKING 44 X 94 MM	1
6	90551	DECAL, CE BSB-33 FLYING OBJECTS HAZARD	4
7	90550	DECAL, CE BSB-34 SHUT OFF ENGINE REMOVE KEY	4
8	90535	DECAL, CE BSB-11 LOCK LIFT CYLINDER	2
9	90532	DECAL, CE BSB 451-294 READ OPERATORS MANUAL	1
10	92302	SERIAL NO TAG, OXBO, EURO CE ATTACHMENTS	1
11	92438	DECAL, CORN PULLER	2
12	92416	DECAL, STRIPE BLUE 1.87"	6 ft.
13	92415	DECAL, OXBO LOGO BLUE 10.40 X 5.05	2
14	3000-0359	DECAL, PATENT NUMBER	1
15	90225	DECAL, "GREASE" ARROW W/ GREASE GUN	11
16	92755	DECAL, CE (EUROPE) TIE DOWN POINT (NOT SHOWN)	2

SIGNS & DECALS, TOP & REAR VIEW, EUROPE



SIGNS & DECALS, TOP & REAR VIEW, EUROPE

KEY	P/N	DESCRIPTION	QTY
1	92969	DECAL, CE (EUROPE) ROTATING CUTTERS	4
2	92970	DECAL, CE (EUROPE) THROWN OBJECT HAZARD	4
3	90538	DECAL, CE BSB-17 ROTATING PARTS 88 X 168 MM	8
4	90623	DECAL, CE BSB-9 MOVING BELT HAZARD	6
5	91025	REFLECTOR, AMBER, ADHESIVE BACKING 44 X 94 MM	1
6	90551	DECAL, CE BSB-33 FLYING OBJECTS HAZARD	4
7	90550	DECAL, CE BSB-34 SHUT OFF ENGINE REMOVE KEY	4
8	90535	DECAL, CE BSB-11 LOCK LIFT CYLINDER	2
9	90532	DECAL, CE BSB 451-294 READ OPERATORS MANUAL	1
10	92302	SERIAL NO TAG, OXBO, EURO CE ATTACHMENTS	1
11	92438	DECAL, CORN PULLER	2
12	92413	DECAL, STRIPE BLUE 2.34"	6 ft.
13	92412	DECAL, OXBO LOGO BLUE 12.88 X 6.25	2
14	3000-0359	DECAL, PATENT NUMBER	1
15	90225	DECAL, "GREASE" ARROW W/ GREASE GUN	11
16	92755	DECAL, CE (EUROPE) TIE DOWN POINT (NOT SHOWN)	2

O-RING USAGE CHART

SAE O-Ring BOSS		
<i>Fitting Size</i>	<i>O-Ring Size</i>	<i>P/N</i>
-2	-902	45872
-3	-903	45874
-4	-904	45875
-5	-905	45876
-6	-906	45877
-8	-908	45878
-10	-910	45879
-12	-912	45880
-16	-916	45881
-20	-920	45882
-24	-924	45883
-32	-932	45884

Metric O-Ring BOSS		
<i>Fitting Size</i>	<i>O-Ring Size</i>	<i>P/N</i>
M12	-012	46001
M14	-013	45885
M16	-907	45893
M18	-114	41688
M20	-017	41772
M22	-018	45894
M24	-019	47356
M27	-119	45880
M33	-122	47357
M36	-124	47358
M42	-128	47359
M45	-130	47360
M48	-132	47361

Split Flange		
<i>Fitting Size</i>	<i>O-Ring Size</i>	<i>P/N</i>
1/2	-210	45887
3/4	-214	45888
1	-219	45889
1-1/4	-222	45890
1-1/2	-225	45891
2	-228	45892

O-Ring Face Seal		
<i>Fitting Size</i>	<i>O-Ring Size</i>	<i>P/N</i>
-4	-011	41248
-6	-012	46001
-8	-014	46002
-10	-016	43015
-12	-018	45894
-16	-021	43869
-20	-025	43870
-24	-029	41622

O-Ring Kits	
<i>Kit Description</i>	<i>P/N</i>
O-Ring Boss	44147
ORFS	44194

Deutsch Connector Tools	
Extraction tool, 12-14 ga.	1040-0314
Extraction tool, 16-18 ga.	1040-1380
Crimp tool	94757

WeatherPack Connector Tools	
Extraction tool	94493

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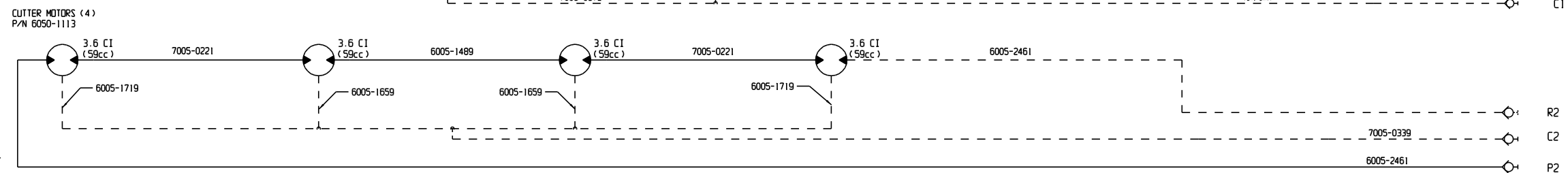
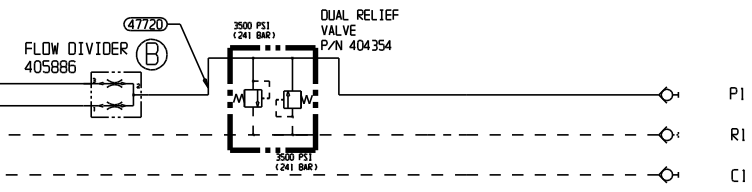
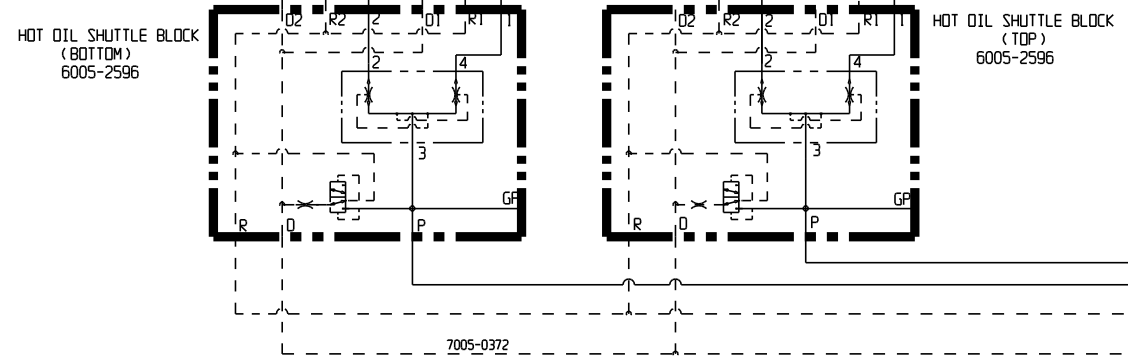
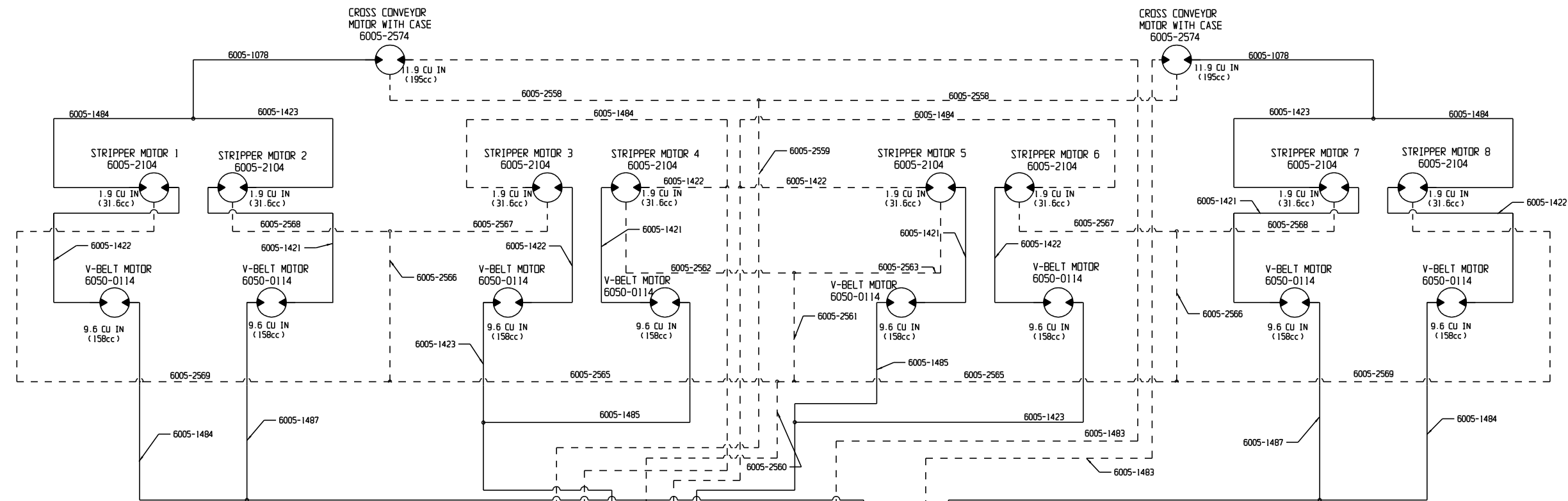
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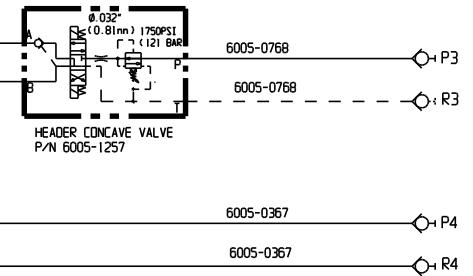
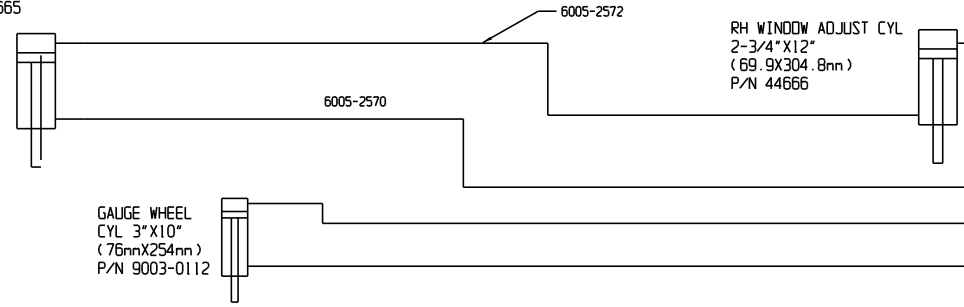
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Hydraulic Schematics



LH WINDOW ADJUST CYL
2-1/2" X 12"
(63.5mm X 304.8mm)
P/N 44665



NOTES:
1. THIS SCHEMATIC REPRESENTS THE CP400 CORN PICKER HEAD FOR 2430 & 2470 HARVESTERS.
2. NUMBERS IN THE MOTOR SYMBOLS INDICATE DISPLACEMENT IN CUBIC CENTIMETERS PER REV.

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TOLERANCES UNLESS OTHERWISE SPECIFIED

ANGLES +/- 1°

DECIMAL .00 +/- .03
.000 +/- .010

FRACTION +/- 1/16

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED

TITLE SCHEM, HYD, CP400 CORN PULLER

MATERIAL N/A

SCALE 1:1

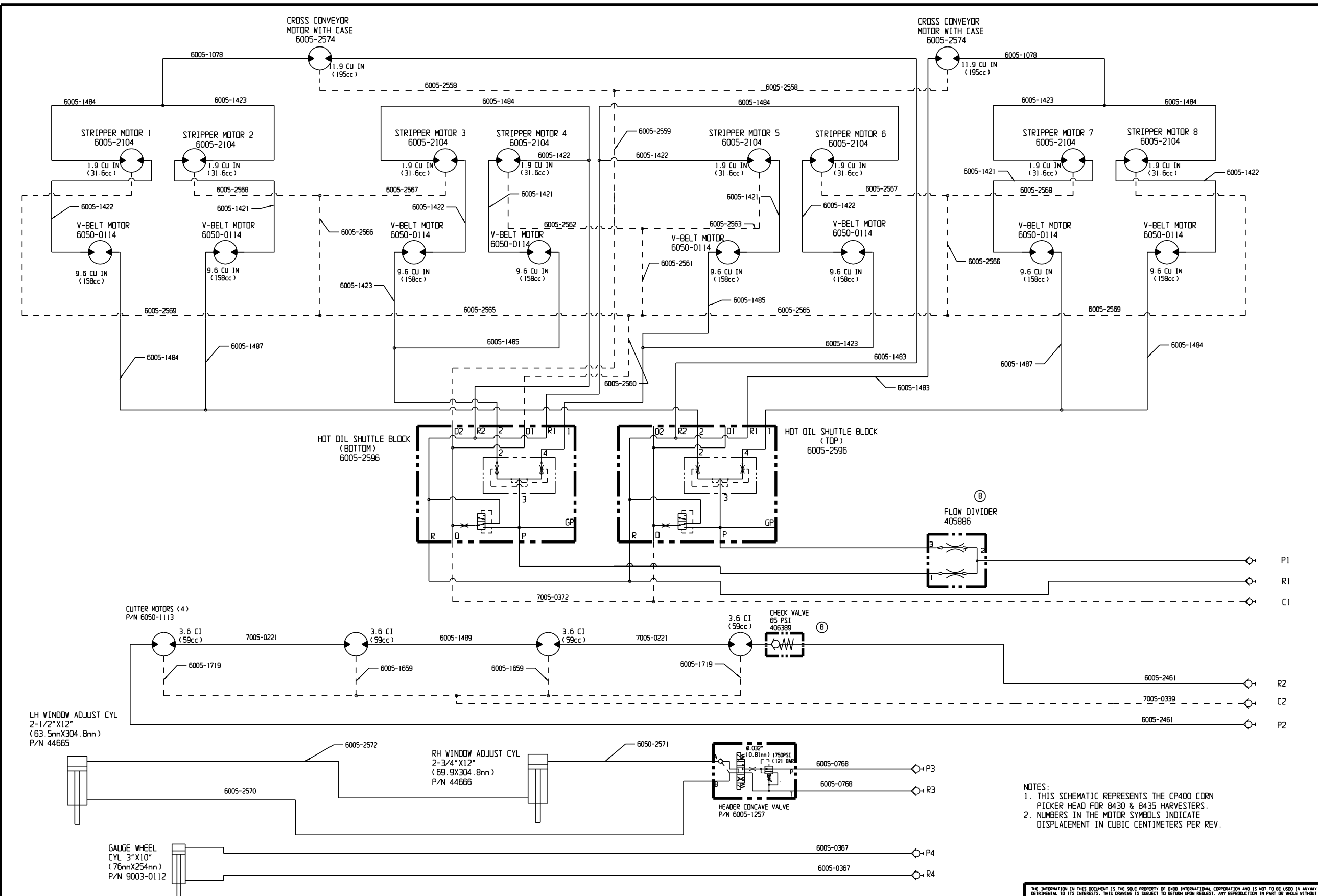
SHEET 1 OF 1

DRAWING NUMBER 404333

WEIGHT X LB

SIZE B

DATE	BY	APPD	ECU#	DESCRIPTION OF CHANGE	REV
10/30/12	ALB	CAM		REPLACED FLOW DIV 2100 WITH 405886	B
10/23/09	MKP		----	ISSUE	A



- NOTES:
1. THIS SCHEMATIC REPRESENTS THE CP400 CORN PICKER HEAD FOR 8430 & 8435 HARVESTERS.
 2. NUMBERS IN THE MOTOR SYMBOLS INDICATE DISPLACEMENT IN CUBIC CENTIMETERS PER REV.

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FRACTION 1/16		TITLE SCHEM, HYD, CP400L, 84xx	
ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED		MATERIAL N/A	
7/16/2013		SCALE 1:1	
6/8/2011		SHEET 1 of 1	
DATE		DRAWING NUMBER 405500	
BY		SIZE C	
APPRO		WEIGHT X LB	
E9665		REV	
E9665		DESCRIPTION OF CHANGE	
ADDED CHECK VALVE 406389 AND CHANGED FLOW DIVIDER NUMBER TO 405886 WAS 42100		B	
ISSUE		A	

DATE	BY	APPRO	ECD#	DESCRIPTION OF CHANGE	REV
7/16/2013	GWB	JEG	E9665	ADDED CHECK VALVE 406389 AND CHANGED FLOW DIVIDER NUMBER TO 405886 WAS 42100	B
6/8/2011	JFM	X	----	ISSUE	A