

Ezee-On

**MODEL
1225-1275-1375
OFFSET DISCS**

OWNER'S MANUAL

c/w

**Assembly Instructions
Operating Instructions
and
Parts List**

Manufactured by
Ezee-On Manufacturing
Vegreville, Alberta Canada

728H

Printed in Canada

INTRODUCTION

Thank you for deciding to purchase this Ezee-On manufactured product. In addition to having the traditional performance values of simplicity, reliability and durability, your new implement has been designed with a number of operational and safety features. We urge you to familiarize yourself with the operation and maintenance of this implement by reading this Manual carefully.

Remember that it is the responsibility of the operator to ensure that the implement is field ready. Should you encounter a problem however, please contact your dealer immediately.

This Manual contains the following:

- Assembly Instructions
- Operating (field) Instructions
- Parts listing



READ THIS BOOK CAREFULLY TO ENSURE THAT YOUR NEW DISC IS ASSEMBLED AND ADJUSTED CORRECTLY.

RIGHT and LEFT is determined by standing behind the machine and facing FORWARD in the direction of travel.



This symbol is used to identify safety messages. When you see this symbol, read the safety message carefully.

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Ezee-On Manufacturing reserves the right to make any changes in design, materials, prices and/or specifications without notice and without liability. Specifications and limited warranties are applicable to products manufactured for sale in North American and may vary outside this area.



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Offset Disc Pre-Delivery Inspection/ Warranty Registration

Dealer Name _____ Location _____ Delivery Date: ____/____/____
Model _____ Width _____ Serial # _____ ☐ New Machine ☐ Demo
Unit _____

Items for Dealership technician to inspect prior to delivery:

- | | |
|--|--|
| ☐ Torque all wheel bolts/ lug nuts to specifications | ☐ Check Operator's Manual to ensure all decals are correctly installed |
| ☐ Check tire pressures are correct. (Affects leveling process) | ☐ Connect Disc to tractor with a suitable pin and then lift the hitch jack |
| ☐ Level machine. Refer to Operator's Manual for detailed instructions | ☐ Check hydraulic hoses are leak free and hydraulic cylinders are filled with oil |
| ☐ Lubricate the entire machine as recommended in the Operator's Manual | ☐ Adjust mounted harrows as required (if equipped) |
| ☐ Check tightness of all bolts | ☐ Check lateral (side-to-side) settings of front & rear gangs and hitch tongue |
| ☐ Check the correct # of depth stops are installed on mounting bar. (5)
(*Model 8550 Offset takes (8) depth stops) | ☐ Check all electrical components and connections |
| ☐ Set front and rear gangs at medium angle | ☐ Check operation of safety lights to ensure they function properly |
| ☐ Adjust scrapers so they come into contact with blades | ☐ Ensure hydraulic lockout valves function properly |

Pre-Delivery completed by _____ (signature) Date ____/____/____
mm dd yyyy

Items for Dealership staff to discuss with customer upon delivery:

- | | |
|---|--|
| ☐ Give the Operator's Manual to your customer | ☐ Connect hydraulics, wiring harness, safety chain, etc. |
| ☐ Inform your customer of all safety precautions, maintenance procedures, and proper operation of the Disc | ☐ Ensure machine functions properly. (Fold/Unfold, no leaks, lights work, etc) |
| ☐ Verify correct serial number | ☐ Take the Disc to a field (preferably where the ground is level, if possible) and perform all required leveling adjustments. Follow the Operator's Manual |
| ☐ Attach Disc to tractor | ☐ Explain warranty and fill out registration |
| ☐ Ensure hitch jack is in transport position | ☐ Start tractor and run all controls so your customer understands the correct operation of the Disc and ensure all functions of the Disc are working properly |

Warranty Registration

Owner's Name _____ Address _____ Town _____
Province/ State _____ Country _____ Postal/ Zip Code _____
Home Phone # _____ Cell Phone # _____ Email Address _____

*The owner hereby acknowledges receipt of the Operator's Manual and that all delivery checks have been completed as listed above. Owner furthermore acknowledges that the Operator's Manual is an integral part of the purchased equipment and it contains information important to the proper operation, maintenance, and safety procedures of this machine.

Owner's signature _____ Date ____/____/____
mm dd yyyy

Dealer's signature _____ Date ____/____/____
mm dd yyyy

Mail or Fax the original copy of this Warranty Registration and Pre-Delivery/Delivery Inspection to Ezee-On Manufacturing immediately after delivery.
Warranty Registration is mandatory. Failure to complete and return this form will delay the processing of warranty claims

EZEE-ON MANUFACTURING

Limited Warranty Policy

NORTH AMERICA

Ezee-On Manufacturing's products are warranted to the original non-commercial purchaser to be free from defects in material and workmanship for a minimum period of twelve (12) months from the original date of purchase.

Ezee-On Manufacturing's obligation under this warranty shall be limited to the repair or exchange, at Ezee-On's option, free of charge to the original purchaser, any part or component that, in our judgment, shows evidence of such defect. Further, that such part shall be returned within thirty (30) days from date of failure to Ezee-On Manufacturing, routed through the dealer and distributor from whom the equipment was purchased, **transportation charges prepaid**.

This warranty shall not be interpreted to render Ezee-On Manufacturing liable for injury or damages of any kind or nature to person or property. This warranty does not include claims for, or extend to the loss or damage of crops, loss because of delay in seeding/ planting or harvesting, or any expense or loss incurred for labor, substitute machinery, rental, transportation expense or for any other reason.

Except as set forth above, Ezee-On Manufacturing shall have no obligation or liability of any kind on account of any of its equipment and shall not be liable for special or consequential damages. Ezee-On Manufacturing makes no other warranty, expressed or implied, and, specifically, Ezee-On Manufacturing disclaims any implied warranty or merchantability or fitness for a particular purpose. The purchaser is solely responsible for determining suitability of Ezee-On equipment purchased. This warranty is subject to any existing conditions of supply, which may directly affect our ability to obtain materials or manufacture replacement parts.

Ezee-On reserves the right to make improvements in the design of products and/or changes in specifications at any time, without incurring any obligation to owners of units previously sold. No one other than Ezee-On Manufacturing is authorized to alter, modify or enlarge this warranty.

Genuine Ezee-On replacement parts and components will be warranted for 90 days from date of purchase, or the remainder of the original equipment warranty period, whichever is longer.

Under no circumstances will this warranty cover any merchandise or components thereof, which, in the opinion of the Company, has been subjected to misuse, unauthorized modifications, alteration, an accident or if repairs have been made with parts other than those obtainable through Ezee-On Manufacturing.

Commercial Use: Warranty for commercial, rental or custom use of any Ezee-On product is limited to 90 days, parts and labor.

Twelve Months Warranty:

All Ezee-On manufactured products are warranted for twelve consecutive months from the date of delivery of the new Ezee-On product to the original non-commercial purchaser.

- 1-12 Months: 100% parts and labor coverage

Extended Coverage Limited Warranty (24 additional months):

Air Drills, Coulter Drills, Air Carts, Cultivators, Chisel Plows, Offset and Tandem Discs and Post Drivers carry limited extended warranty. Ezee-On Manufacturing's obligations under this extended warranty coverage shall be limited to repair or exchange, at Ezee-On Manufacturing's option, for the original, non-commercial owner:

- 13-24 Months: 100% Ezee-On manufactured components only, NO labour – see below for description
- 25-36 Months: 50% Ezee-On manufactured components only, NO labour – see below for description

Ezee-On manufactured components are, but not limited to: frames, axles, hitches, castor assemblies, packers, turnbuckles, rockshafts, packer frames, packers, air cart seed and fertilizer tanks, seed cups, metering rollers, augers, harrows, etc.

NON Ezee-On manufactured components are, but not limited to: monitors, tires, rims, disc blades, bearings, hydraulic motors, pumps & controls, cylinders, hoses and valves; sprockets, chain, rubber packer tires, polyurethane packers, coulter blades, shanks, springs, bolts, pulleys, air hoses, sweeps, spikes, spoons, seals, power wheels, hitch jacks, hubs and wheels.

The Company in no way warrants engines, batteries, coulter assemblies, rubber tires, or other trade accessories since these items are warranted separately by their respective manufacturers.

T2-215 Bearing Extended Coverage Limited Warranty:

Seven year limited warranty: Extended coverage (13-84 months) on T2-215 Series bearing is limited to the replacement of ball bearings and seals for the original, non-commercial owner. Associated bearing parts, labor, freight, etc., are not covered.

Warranty Limitations and/ or Exclusions:

1. Buckets, bucket tines, bale spears & tines, grapple tines, pallet forks, shanks, all ground engaging tools, including disc blades, air seeder hose and other normal wear parts/ items carry NO warranty.
2. There is no warranty coverage if parts or attachments, other than those made or marketed by Ezee-On Manufacturing have been used in connection with the unit, and in the sole judgment of Ezee-On, such use affects its performance or reliability.
3. If the equipment has been altered or repaired in a manner which, in the sole judgment of Ezee-On, affects its performance, stability or reliability.
4. The purchaser shall be responsible for dealer travel time to the machine or to deliver the machine to the dealer's service shop for repair. Ezee-On Manufacturing does not cover delivery charges or travel time.

This warranty policy is subject to change without prior written notice at Ezee-On Manufacturing's sole discretion.

Effective: September 1, 2004

SAFETY RECOMMENDATIONS



WATCH FOR THIS SYMBOL AS IT IDENTIFIES IMPORTANT SAFETY MESSAGES. WHEN YOU SEE THIS SYMBOL, READ THIS SAFETY MESSAGE CAREFULLY.

SAFETY

You are responsible for the safe operation and maintenance of your Ezee-On implement. You must ensure that you and anyone else who is going to operate, maintain or work around the equipment be familiar with the operating and maintenance procedures and related safety information contained in this manual. This manual will alert you to all good safety practices.

You are the key to safety. Good safety practices not only protect you but also the people around you. Make these practices a working part of your safety program. Be certain that EVERYONE operating this equipment is familiar with the recommended operating and maintenance procedures and follows all the safety precautions. Most accidents can be prevented. Do not risk injury or death by ignoring good safety practices.

1. Owners must give operating instructions to operators or employees before allowing them to operate the unit.
2. The most important safety device on this equipment is a SAFE operator. It is the operator's responsibility to read and understand ALL Safety and Operating instructions in the manual and to follow these. All accidents can be avoided.
3. A person who has not read and understood all operating and safety instructions is not qualified to operate the machine. An untrained operator exposes himself and bystanders to possible serious injury or death.
4. Do not modify the equipment in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the equipment.
5. Think SAFETY! Work SAFELY!

GENERAL SAFETY

1. Read and understand the Operator's Manual and all safety signs before operating, maintaining or adjusting the unit.
2. Only trained competent person(s) shall operate the unit. An untrained operator is not qualified to operate the machine.
3. Have a first-aid kit available for use should the need arise and know how to use it.
4. Do not allow riders.
5. Have a fire extinguisher available for use should the need arise and know how to use it.
6. Lower machine to the ground, place all tractor controls in neutral, stop engine, turn monitor off, set park brake and remove ignition key, before servicing, adjusting, repairing this implement.
7. Review safety related items with all personnel annually.



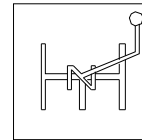
ASSEMBLY SAFETY

1. When assembling disc, use aligning punch to line up holes. Keep fingers out of holes. Any sudden movement of heavy components will severely injure or sever your fingers.
2. Use adequate manpower or hoist to lift the heavy components into place. Attempting to lift heavy components by yourself could cause serious injury.
3. Be sure all bolts and hydraulic fittings are tight, and all cotter pins are installed in the slotted nuts and pins.
4. Support the main frame securely before assembling the components. Inadequate support may result in the heavy components falling and causing serious injury to you or person(s) nearby.
5. Be sure all wheel bolts are checked for tightness during initial transport or when first discing. Loose wheel bolts may result in the wheel falling off, causing serious damage to the disc and may cause serious injury to the operator or person(s) nearby.

6. Be sure all wheel bolts are checked for tightness during initial transport or when first discing. Loose wheel bolts may result in the wheel falling off, causing serious damage to the disc and may cause serious injury to the operator or person(s) nearby.
7. Hydraulic oil escaping under pressure has sufficient force to cause serious injury. Relieve pressure in all hydraulic components before disconnecting any hydraulic components. Before applying pressure to hydraulic system, be sure all connections are tight and components are not damaged. If injured by escaping hydraulic fluid, see a medical doctor immediately.
8. When attaching gang assemblies, wear protective gloves to prevent injury from cutting edges of blades.
9. Before applying pressure to the hydraulic system, be sure all connections are tight and the components are not damaged.
10. If hydraulic cylinder shafts are unpinned and cycled to fill the cylinder with oils, they can be seriously damaged if clevis of shaft strikes rockshaft arm or wing cylinder lug.
11. Do not stand under folded wings when working on disc. If hydraulic system failed or if hydraulic lever was accidentally operated, wings may fall resulting in serious injury or death to person(s) near disc.
12. When installing gangs ensure adequate support is placed under main frame. If any hydraulic component failed, disc could drop causing serious injury or death to person(s) nearby.

MAINTENANCE SAFETY

1. Review the Operator's Manual and all safety items before working with maintaining or operating this disc.
2. Lower machine to the ground, place all tractor controls in neutral, stop engine, turn monitor off, set park brake and remove ignition key before servicing, adjusting, or repairing this disc.
3. Follow good shop practices:
 - Keep service area clean and dry.
 - Be sure electrical outlets and tools are properly grounded.
 - Use adequate light for the job at hand.
4. Before applying pressure to a hydraulic system, make sure all components are tight and hoses and couplings are in good condition.
5. Relieve pressure from hydraulic cylinder before servicing or disconnecting from tractor.
6. Clear the area of bystanders when carrying out any maintenance and repairs or making any adjustments.
7. Place stands or blocks under the frame before working beneath the machine or when changing tires.
8. Use only tools, jacks and hoists of sufficient capacity for the job.

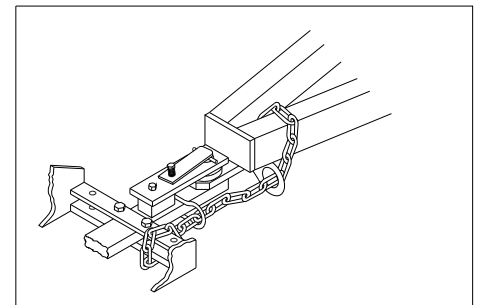
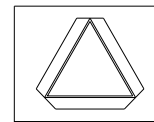


HYDRAULIC SAFETY

1. Always place all tractor hydraulic controls in neutral before dismounting.
2. Make sure that all components in the hydraulic system are kept in good condition and are clean.
3. Replace any worn, cut, abraded, flattened or crimped hoses.
4. Do not attempt any makeshift repairs to the hydraulic lines, fittings or hoses by using tape, clamps or cements. The hydraulic system operates under extremely high pressure. Such repairs will fail suddenly and create a hazardous and unsafe condition.
5. Wear proper hand and eye protection when searching for a high pressure hydraulic leak. Use a piece of wood or cardboard as a backstop instead of hands to isolate and identify a leak.
6. If injured by escaping hydraulic fluid, seek medical attention immediately. Serious infection or toxic reaction can develop from hydraulic fluid penetrating the skin surface.
7. Before applying pressure to the system, make sure all components are tight and that hoses and couplings are in good condition.

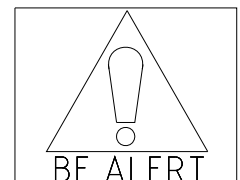
TRANSPORT SAFETY

1. Read and understand ALL the information in the Operator's Manual regarding procedures and SAFETY before operating this disc in the field and/or on the road.
2. Check with local authorities regarding transporting this implement on public roads.
3. Always transport at a safe speed. Use caution when turning corners or meeting traffic.
4. Make sure the SMV (Slow Moving Vehicle) emblem and all the lights and reflectors that are required by the local highway and transport authorities are in place, are clean and can be seen clearly by all overtaking and oncoming traffic.
5. Be sure all amber and red lights are working to safeguard against rear end collisions. Daybreak and dusk are particularly dangerous.
6. Be sure that the disc is securely attached to the tractor. Always use a safety chain between the machine and the tractor.
7. Do not exceed 20 mph (32 km/h). Reduce speed on rough roads and surfaces.
8. Always use hazard warning flashers on tractor and when transporting unless prohibited by law.



OPERATION SAFETY

1. Read and understand the Operator's Manual and all safety signs before using this disc.
2. Lower machine to the ground, place all tractor controls in neutral, stop engine, set park brake and remove ignition key before servicing, adjusting or repairing implement.



3. Do not allow riders on the disc or tractor during operation or transporting.
4. Clear the area of all bystanders, before moving tractor and disc.
5. Stand clear when folding or unfolding wings. Keep others away.
6. Clean reflectors, SMV and lights before transporting.
7. Attach disc securely to tractor using a hardened pin and a safety chain.
8. Do not exceed a safe travel speed.
9. Use hazard flasher on tractor and disc when transporting.
10. Stay away from overhead power lines when folding or unfolding wings and during transport.
11. Before applying pressure to the hydraulic system, make sure all components are tight and that hoses and couplings are in good condition.
12. Review safety instructions annually.

TIRE SAFETY

1. Failure to follow proper procedures when mounting a tire on a wheel or rim can produce an explosion which may result in serious injury or death.
2. Do not attempt to mount a tire unless you have the proper equipment and experience to do the job.
3. Have a qualified tire dealer perform required tire maintenance.

SAFETY DECALS

1. Keep safety decals clean and legible at all time.
2. Replace safety decals that are missing or have become illegible.

STORAGE SAFETY

1. Store unit in an area away from human or animal activity.
2. Do not permit children to play on or around parked implement.

SPECIFICATIONS

MODEL NO.	FRAME WIDTH	APPROX. CUTTING WIDTH	NO. of BLADES	SPACING	NO. of WHEELS	GANG BEARINGS	
						410WSS SERIES QTY/UNIT	T2-215 SERIES QTY/UNIT
1225 N	NARROW	6-1/2 ft	17	9"	2	4	N/A
1225 N	NARROW	8 ft.	21	9"	2	6	N/A
1225 N	NARROW	9 ft.	25	9"	2	6	N/A
1225 M	MEDIUM	10-1/2 ft	29	9"	4	7	N/A
1225 M	MEDIUM	12 ft.	33	9"	4	8	N/A
1225 M	MEDIUM	14 ft.	37	9"	4	10	N/A
1225 W	WIDE	15-1/2 ft	41	9"	4	12	N/A
1225 W	WIDE	17 ft.	45	9"	4	12	N/A
1225 W	WIDE	18-1/2 ft	49	9"	4	14	N/A
1225 W	WIDE	20 ft.	53	9"	4	14	N/A
1225 N	NARROW	6 ft.	15	10-1/2"	2	4	4 (OPTIONAL)
1225 N	NARROW	8 ft.	19	10-1/2"	2	6	6 (OPTIONAL)
1225 N	NARROW	10 ft.	23	10-1/2"	2	6	6 (OPTIONAL)
1225 M	MEDIUM	10 ft.	23	10-1/2"	4	8	8 (OPTIONAL)
1225 M	MEDIUM	12 ft.	27	10-1/2"	4	10	8 (OPTIONAL)
1225 M	MEDIUM	14 ft.	31	10-1/2"	4	10	9 (OPTIONAL)
1225 M	MEDIUM	15 ft.	33	10-1/2"	4	10	10 (OPTIONAL)
1225 W	WIDE	16 ft.	37	10-1/2"	4	12	12 (OPTIONAL)
1225 W	WIDE	18 ft.	41	10-1/2"	4	14	12 (OPTIONAL)
1225 W	WIDE	20 ft.	45	10-1/2"	4	16	12 (OPTIONAL)
1275 N	NARROW	6 ft.	15	10-1/2"	2	N/A	4
1275 N	NARROW	8 ft.	19	10-1/2"	2	N/A	6
1275 N	NARROW	10 ft.	23	10-1/2"	2	N/A	6
1275 M	MEDIUM	10 ft.	23	10-1/2"	4	N/A	8
1275 M	MEDIUM	12 ft.	27	10-1/2"	4	N/A	10
1275 M	MEDIUM	14 ft.	31	10-1/2"	4	N/A	10
1275 M	MEDIUM	15 ft.	33	10-1/2"	4	N/A	10
1275 W	WIDE	16 ft.	37	10-1/2"	4	N/A	12
1275 W	WIDE	18 ft.	41	10-1/2"	4	N/A	12
1275 W	WIDE	20 ft.	45	10-1/2"	4	N/A	12
1275 N	NARROW	6 ft.	13	12"	2	N/A	4
1275 N	NARROW	8 ft.	17	12"	2	N/A	6
1275 N	NARROW	10 ft.	21	12"	2	N/A	6
1275 M	MEDIUM	10 ft.	21	12"	4	N/A	6
1275 M	MEDIUM	12 ft.	25	12"	4	N/A	8
1275 M	MEDIUM	14 ft.	29	12"	4	N/A	8
1275 M	MEDIUM	15 ft.	31	12"	4	N/A	9
1275 W	WIDE	16 ft.	33	12"	4	N/A	10
1275 W	WIDE	18 ft.	37	12"	4	N/A	11
1275 W	WIDE	20 ft.	41	12"	4	N/A	12
1375 M	MEDIUM	10 ft.	21	12"	4	N/A	6
1375 M	MEDIUM	12 ft.	25	12"	4	N/A	7
1375 M	MEDIUM	14 ft.	29	12"	4	N/A	8
1375 M	MEDIUM	15 ft.	31	12"	4	N/A	11

Tire Size 1225/1275 - 6' to 10' Sizes ----- 2 - 11L x 15 F1 - Load Range AC≡
 1225/1275/1375M - 10' to 20' Sizes ---- 4 - 11L x 15 F1 - Load Range AC≡
 1375W - 16' to 20' Sizes ----- 4 - 11L x 15 F1 - Load Range AF≡

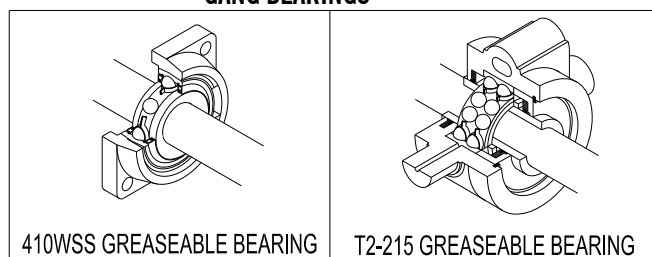
Tire Inflation 45 PSI (310 KPA) - Load Range AC≡
 60 PSI (414 KPA) - Load Range AF≡

CAUTION: WHEN INFLATING TIRES USE A CLIP-ON CHUCK AND HOSE EXTENSION WHICH WILL ALLOW OPERATOR TO STAND CLEAR OF TIRE AND WHEEL ASSEMBLY. DO NOT STAND IN FRONT OF OR OVER TIRE WHEN INFLATING. EXPLODING TIRE AND WHEEL PARTS CAN CAUSE SERIOUS INJURY OR DEATH.

Front and Rear Gang Angle - 19, 22, or 25 degrees.

Bolt torques: Gang bolts - (1-15/16" diameter) - 3200 ft.lbs. (4339 N.m) - Model 1225
 (Dry) Gang bolts - (1-15/16" diameter) - 3800 ft.lbs. (5152 N.m) - Model 1275 & 1375
 Gang beam bolts - (1-1/4" diameter) - 840 ft.lbs. (1309 N.m)
 Levelling crank bolt - (1-1/4" diameter) - 840 ft.lbs. (1309 N.m)
 Bearing hanger U-bolt - (7/8" diameter) - 430 ft.lbs. (583 N.m)
 Wheel bolts - (9/16" diameter) - 150 ft.lbs. (203 N.m)

GANG BEARINGS

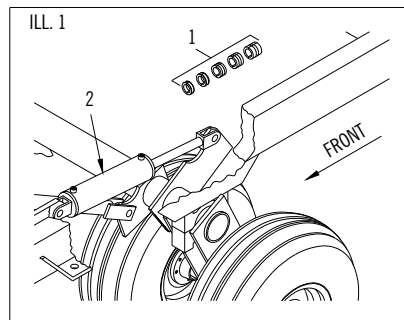


GENERAL OPERATING INSTRUCTIONS

1. Before operating disc, refer to safety precautions on pages 2 through 7. Review disc safety item applicable to road transport and field operation of disc.
2. This machine is a primary tillage tool designed to bury crop residue or plow hay or grassland. The following recommendations (paragraph A to I) will enhance the performance of your disc:

- a) For best performance the tractor drawbar should be pinned at center of tractor.
- b) Always ensure that disc is level and cutting depth is properly adjusted. Disc will ridge or leave a furrow if front and rear gangs are not cutting at a even depth. See Section 5 of adjustments on page 16.

- c) See ILL. 1. To set working depth, lower disc into the ground while moving forward until the disc reaches desired discing depth. Install the necessary depth control stops, arrow 1, on lift cylinder, arrow 2 to maintain the desired cutting depth.



- d) Do not make sharp turns with the disc in ground. Sharp turns put excess pressure on the gangs.

IT IS ADVISABLE TO ALWAYS LIFT MACHINE OUT OF GROUND FOR MAKING SHARP TURNS. EXCESSIVE SIDE THRUST IS APPLIED TO BEARINGS AND MACHINE IF DISC IS TURNED WHILE IT IS IN THE GROUND.

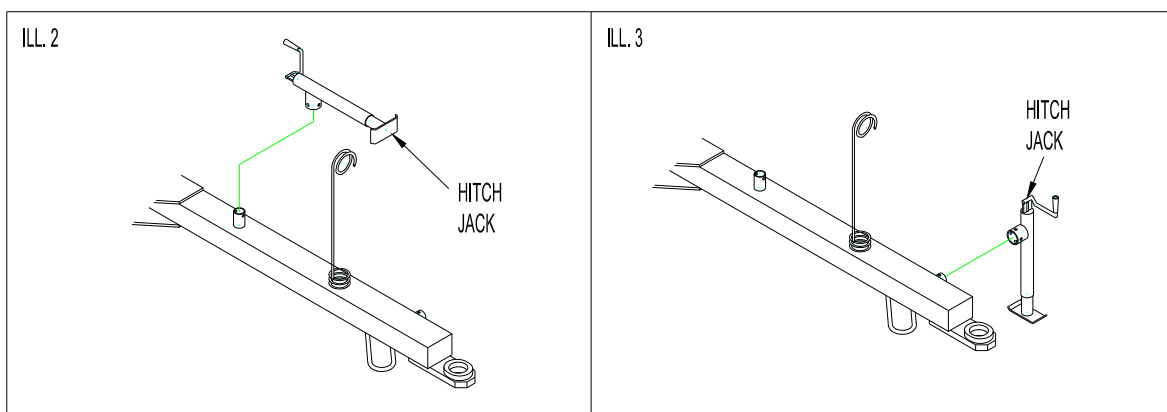
- e) Tractor ground speed should not excess 6mph (9.6 km/h) Reduce speed in rocky conditions to avoid damage to disc gangs and frame.



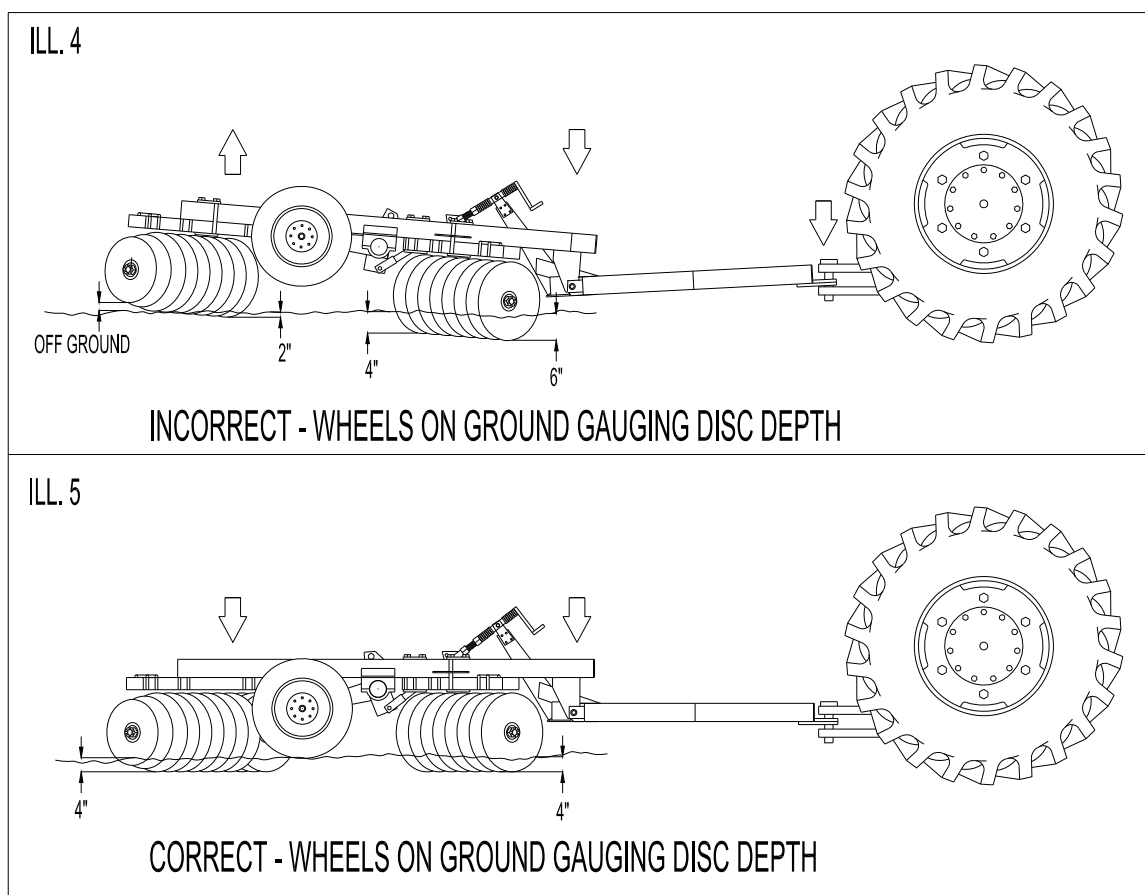
CAUTION: NEVER STAND BETWEEN THE TRACTOR AND THE DISC WHEN HITCHING DISC TO THE TRACTOR UNLESS ALL TRACTOR CONTROLS ARE IN NEUTRAL AND THE BRAKE IS SET. THE TRACTOR COULD ROLL BACKWARDS WHICH COULD RESULT IN SERIOUS INJURY OR DEATH TO YOU OR PERSON(S) NEARBY.

- f) **IMPORTANT:** Do not operate disc with front gangs cutting deeper than rear gangs, disc must be level. If front gangs are lower, excessive strain will be placed on blades, gang bearings and frame hitch which could lead to premature parts failure, especially outside blades and bearings of front R.H.S. gang.

- g) See ILL. 2 and 3. When transporting disc or discing, pin hitch jack to tube on top of hitch as shown in ILL. 2. When parking disc pin hitch jack to side of hitch in a vertical position as shown in ILL. 3.



IMPORTANT: Do not transport disc with hitch jack in vertical position. Hitch jack will be severely damaged if it strikes ground or an obstruction.



- h) To keep disc level, transport wheels must be riding on ground, gauging desired discing depth, as shown in ILL. 2.

If conditions are such that disc can not penetrate to maximum depth, do not raise transport wheels off ground as shown in ILL. 3. Raised transport wheels will cause front of disc to drop causing front gangs to cut deeper than rear gangs.

Front of disc will drop because rock shaft and hitch are linked. Hitch rises when wheels are raised off ground. Since hitch is fixed to tractor draw bar, front end of disc is forced down, transferring weight of rear gangs to front gangs.

With front of disc lower than the rear, the front right hand blades will cut much deeper than the front left hand blades. This means most of the disc's weight is placed on the front right hand blades forcing them deep into the ground.

Uneven and deep front gang penetration in tough conditions will place excessive strain on blades, gang bearings, frame and hitch leading to premature failure of parts, especially outside blades and bearings of front gangs.

IMPORTANT: *Operating disc with transport wheels off ground will cause uneven discing job, and place undue strain on machine, which could lead to parts failure. Always operate disc with transport wheels on ground even if conditions will not allow disc to penetrate to maximum depth.*

- i) Gang angle can be set to match your discing conditions. Gang angle may need to be increased if disc will not penetrate soil. A decrease in gang angle may be needed if soil conditions are soft and soil does not flow through gang causing disc to plug. See section 1 of adjustments on page 14.

GENERAL OPERATING INSTRUCTIONS CONTINUED:

3. ALL MODELS: See ILL. 6. Store gang beam wrench in wrench retainer brackets welded inside frame.



CAUTION: NEVER ALLOW ANYONE TO RIDE ON DRAW BAR OF THE TRACTOR OR ON THE DISC AS THE PERSON RIDING MAY FALL AND BE SERIOUSLY INJURED.

4. See ILL. 7. Install the Slow Moving Vehicle emblem "SMV" (not supplied by Ezee-On) in the Δ SMV bracket welded to the center of frame before transporting the disc.



CAUTION: USE THE Δ SMV EMBLEM (NOT SUPPLIED BY EZE-ON) AND WARNING LIGHTS FOR THE PROTECTION OF TRACTOR AND OTHER MOTOR VEHICLE OPERATORS WHEN TRANSPORTING THE DISC OVER PUBLIC ROADS. CHECK LOCAL LAWS REGARDING TRANSPORTING REGULATIONS.

5. For best performance the tractor draw bar should be pinned at centre of tractor.
6. Ensure that disc is level and cutting depth is properly adjusted. Disc will ridge or leave a valley if front and rear gangs are not cutting at an even depth. See Section 6 of adjustments on page 16.
7. **IMPORTANT:** DO NOT DISC WITH FRONT GANGS CUTTING DEEPER THAN REAR GANGS. DISC MUST BE LEVEL. IF FRONT GANGS ARE LOWER EXCESSIVE STRAIN WILL BE PLACED ON BLADES, GANG BEARINGS AND FRAME HITCH, WHICH COULD LEAD TO PREMATURE PARTS FAILURE, ESPECIALLY OUTSIDE BLADES AND BEARINGS OF FRONT R.H.S. GANG.

8. See ILL. 8. Before transporting disc, attach a Safety Chain to the tractor draw bar and a round lug welded to hitch. Use a chain with strength rating greater than the gross weight of disc.

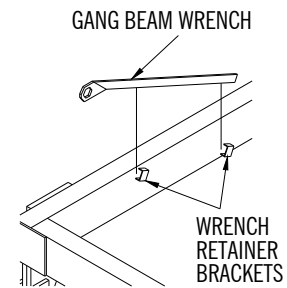


CAUTION: WHEN TRANSPORTING A DISC, BE SURE TO ATTACH A SAFETY CHAIN BETWEEN THE TRACTOR DRAW BAR AND DISC HITCH. THE SAFETY CHAIN WILL HELP CONTROL DISC SHOULD IT ACCIDENTALLY SEPARATE FROM THE DRAW BAR. USE A CHAIN WITH A STRENGTH RATING GREATER THAN THE GROSS WEIGHT OF THE TOWED MACHINE. SERIOUS DAMAGE, INJURY OR DEATH COULD RESULT FROM THE DISC SEPARATING FROM THE TRACTOR DRAW BAR.

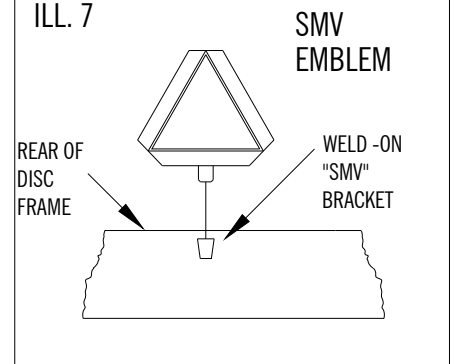


CAUTION: BEFORE TRANSPORTING THE DISC, ALWAYS LOCK WHEEL IN DOWN POSITION INSTALLING ALL DEPTH CONTROL SEGMENTS (8-3/4") ON LIFT CYLINDER. IF THE HYDRAULIC SYSTEM FAILED, OR IF THE HYDRAULIC LEVER WAS ACCIDENTALLY OPERATED, THE DISC COULD DROP SUDDENTLY RESULTING IN SERIOUS DAMAGE TO THE DISC AND SERIOUS INJURY OR DEATH TO OPERATOR AND THOSE NEARBY.

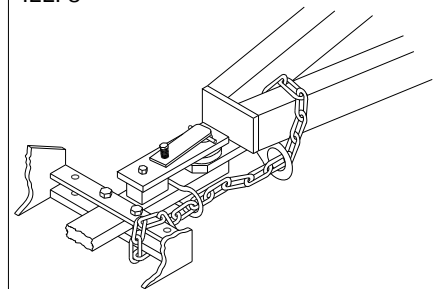
ILL. 6.



ILL. 7

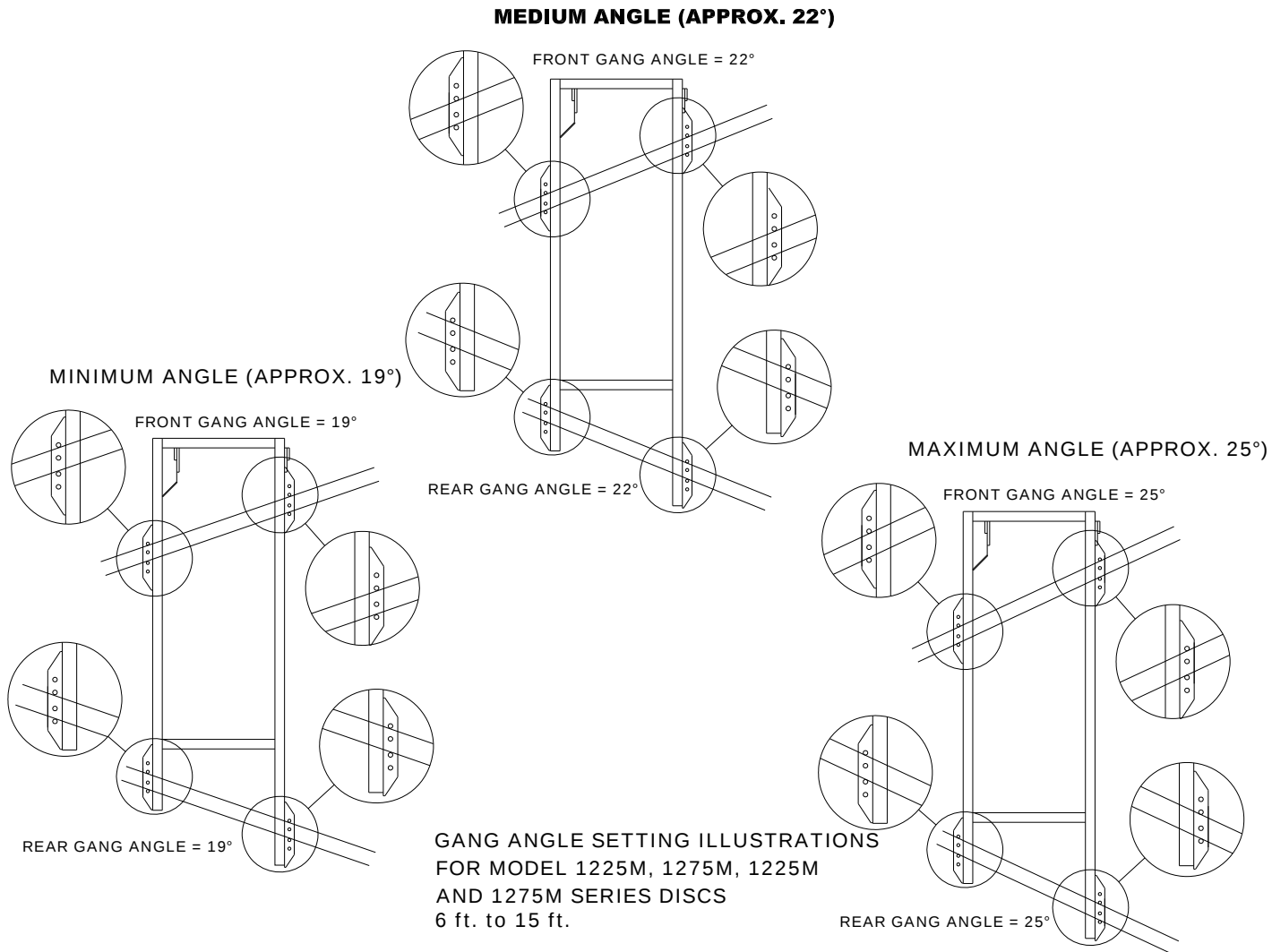


ILL. 8



ADJUSTMENTS

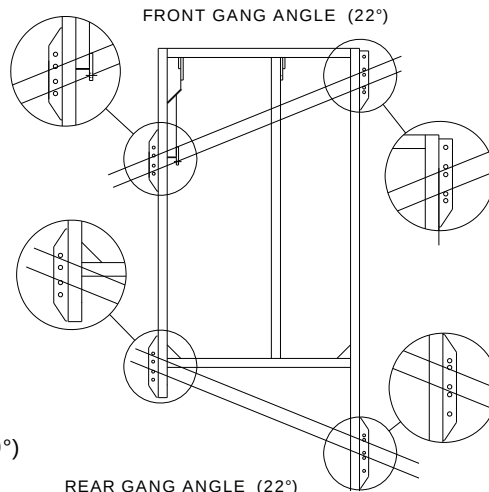
ILL. 9



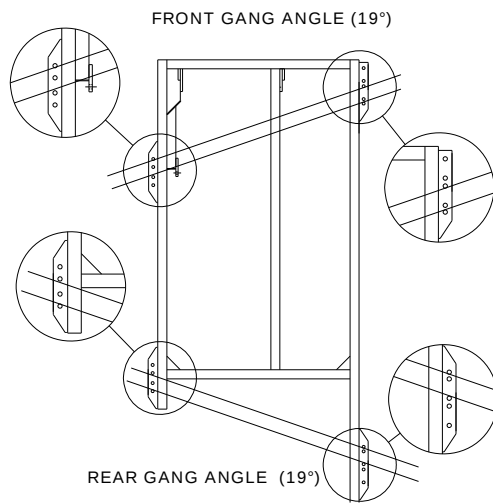
ADJUSTMENTS

ILL. 10

MINIMUM ANGLE (APPROX. 22°)

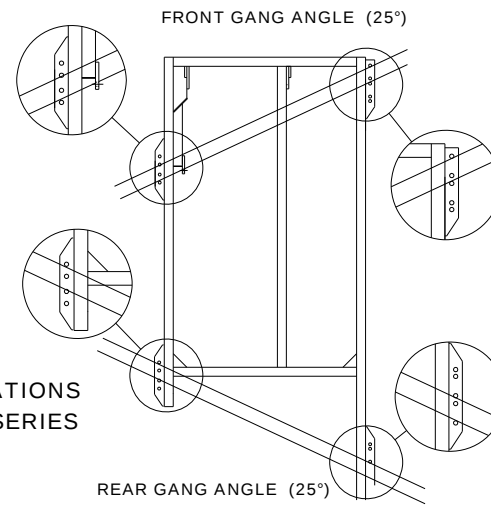


MINIMUM ANGLE (APPROX. 19°)



REAR GANG ANGLE (22°)

MINIMUM ANGLE (APPROX. 25°)



GANG ANGLE SETTING ILLUSTRATIONS
FOR MODEL 1225W, AND 1275M SERIES
DISCS 16 ft. to 20 ft.

ADJUSTMENTS

1. SETTING ANGLE OF FRONT AND REAR GANGS

(SEE ILL. 9 on page 12. FOR MODELS 1225N, 1275N, 1225M, 1275M - 6 ft. to 15 ft.)

(SEE ILL. 10 on page 13. FOR MODELS 1225W, 1275W - 16 ft. To 20 ft.)

a) The gangs can be set at three different angles (19, 22, and 25). The angle the gangs are set at is determined by soil conditions. A field with hard soil will require more cutting angle to penetrate soil than a field with soft soil. If disc pushes dirt instead of cutting through, less cutting angle is required.

To start, a medium angle is recommended.

b) **MODELS 1225N, 1275N, 1225M, 1275M.** Adjust gang angle one side at a time. Gang angle is set by loosening beam clamp plates and installing two (2) 1-1/4" x 7-1/2" N.C. hex bolts through the desired holes in the (4) hole lugs welded to the outside of the frame. See ILL. 9. on page 13 for holes used to obtain desired angle.

c) **MODELS 1225W, 1275W.** Adjust gang angles one side at a time. Gang angle is set by loosening beam clamp plates and installing two (2) 1-1/4" x 7-1/2" N.C. hex bolts through the desired holes in the clamp plates on the side of the disc. The L.H.S. has (4) hole clamp plates and the R.H.S. has (5) hole clamp plates. See ILL. 10. on page 13 for holes used to obtain desired angle.

* d) **NOTE: Always ensure disc has the same cutting angle on front gang as on the rear gang, if front gang is set at a medium angle, rear gang must also be set at a medium angle**

IMPORTANT: EXCESSIVE GANG ANGLE WILL PUT ADDED PRESSURE ON THE GANGS AND WILL DECREASE THE LIFE OF THE BEARINGS, BLADES, ETC.

IMPORTANT: WHEN GANGS ARE SET AT AN EXTREME ANGLE, MORE HORSEPOWER IS REQUIRED TO PULL DISC.

2. LATERAL ADJUSTMENT OF FRONT GANGS: See Gang Pattern for your machine on Pages 30 to 56

a) For Model 1225N-1275N-1225M-1275M and 1375M Discs. Position front gang so there is approximately 1-1/2 more blades extended beyond the left side of frame than the right side of frame.

b) For Models 1225W and 1275W Discs - 16 ft. to 18-1/2 ft. wide. Position front gang so there is approximately 4 more blades extended beyond the left side of frame than the right side of frame.

c) For Models 1225W and 1275W with 20 ft. cutting width. Both front and rear gangs must be positioned further toward the R.H.S. to prevent front and rear gangs from interfering with each other on L.H.S. Position front gang for each 20 ft. models as follows:

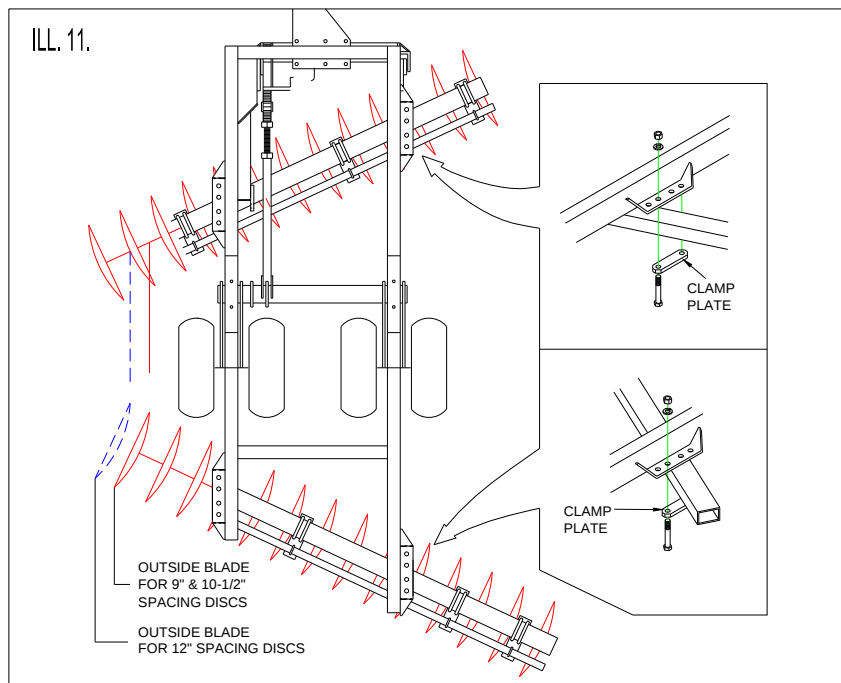
MODEL 1225W - 20ft. (9" spacing) - 8-1/2 blades extending beyond L.H.S.

MODEL 1225W - 20ft. (10-1/2" spacing) - 7 blades extending beyond L.H.S.

MODEL 1275W - 20ft. (10-1/2" spacing) - 7 blades extending beyond L.H.S.

MODEL 1275W - 20ft. (12" spacing) - 7 blades extending beyond L.H.S.

NOTE: *The gang patterns (pages 30 to 56) show actual number of blades that must extend beyond L.H.S. for each machine. Use top of blade (12 o'clock position) and outside edge of frame as starting point to count blades.*



3. LATERAL ADJUSTMENT OF REAR GANGS FOR (ALL MODELS). See ILL. 11.

The proper position of rear gang will result in level field finish. The operating speed, working depth, gang angle, and soil conditions will have determine this setting. If the rear gang is set too far to the right hand side, rear gangs will leave a furrow on left hand side.

An increase in operating speed may require that the rear gang must be moved farther to the right hand side. A decrease in operating speed may require rear gangs to be moved further to the left hand side

If gang angle is increased for deeper working depth, the rear gang usually must be moved farther to the right hand side. If gang angle is decreased for a shallower operating depth, the rear gang usually must be moved farther to left hand side.

To start with, set rear gangs as follows, then adjust to suit your discing depth, speed and soil conditions:

9" & 10-1/2" Spacing Discs - Align leading edge of the outside rear blade on the left hand side between the second and third blade of the front gang as shown in ILL.11.

12" Spacing Discs - Align leading edge of the outside rear blade on the left hand side with the center of the second blade of the front gang as shown in ILL.11.

NOTE: *The gang patterns (page 30-56) show how L.H.S. of rear gang aligns with front gang for each machine.*

NOTE: *If bearing hanger restricts movement of rear gangs, make desired adjustment by moving the front gang.*



CAUTION: WHEN OPERATING ON HILLSIDES, USE EXTREME CARE AS TRACTOR MAY TIP SIDEWAYS IF IT STRIKES HOLE, DITCH OR OTHER IRREGULARITIES.

4. See ILL. 11. When gang adjustments are complete, tighten gang beam clamp plates. Tighten bolts to a minimum of 840 ft.lbs.

VERY IMPORTANT: THE 1-1/4" x 7-1/2" CLAMP BOLTS **MUST** BE KEPT VERY TIGHT AT ALL TIMES. IF DISC IS OPERATED WHEN CLAMP BOLTS ARE LOOSE, SERIOUS DAMAGE WILL OCCUR TO FRAME, GANG BEAM, CLAMP PLATE AND 1-1/4" BOLTS.

5. LEVELING DISC: See ILL. 12.

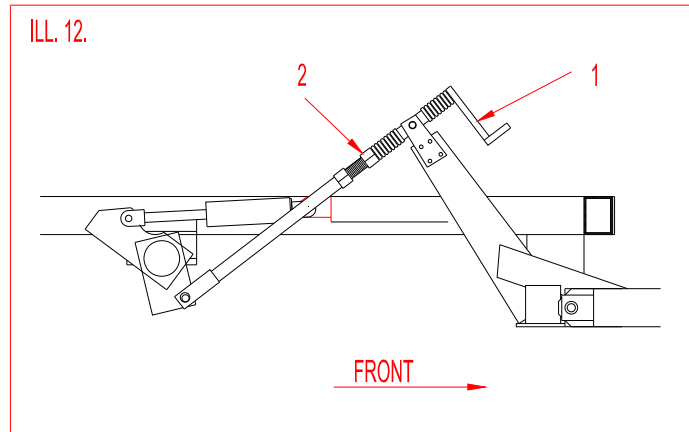
When operating disc, both the front and rear gangs should cut at the same depth. The leveling crank, arrow 1, is used to level the disc. Before the disc is leveled, set the Depth Control Stop on rock shaft cylinder to obtain the desired discing depth.

To lower front gangs, turn crank, arrow 1, clockwise (in)

To raise front gangs, turn crank, arrow 1, counter clockwise (out)

6. **IMPORTANT: SEE ILL. 12.**

IN VERY ROCKY CONDITIONS, LOOSEN NUT, ARROW 2, OF LEVELING CRANK SO SPRINGS ARE FREE TO SLIDE BACK AND FORTH APPROXIMATELY 1". THIS WILL ALLOW MORE VERTICAL FLEXING OF DISC.

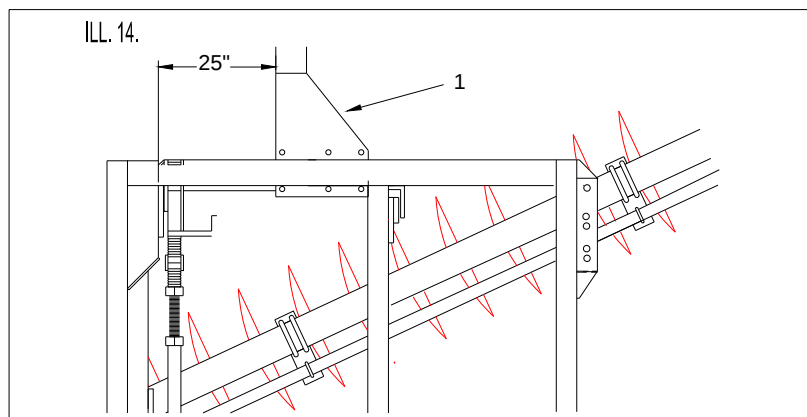
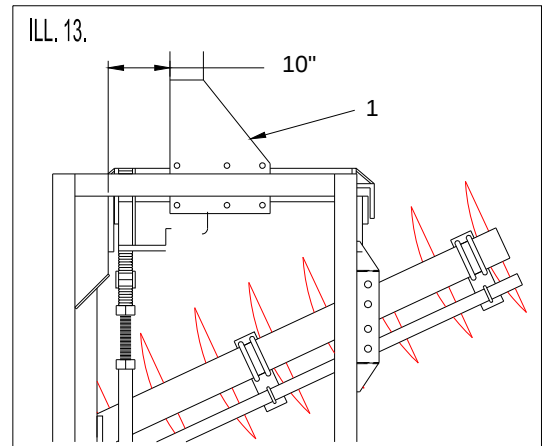


7. **LATERAL HITCH ADJUSTMENT**

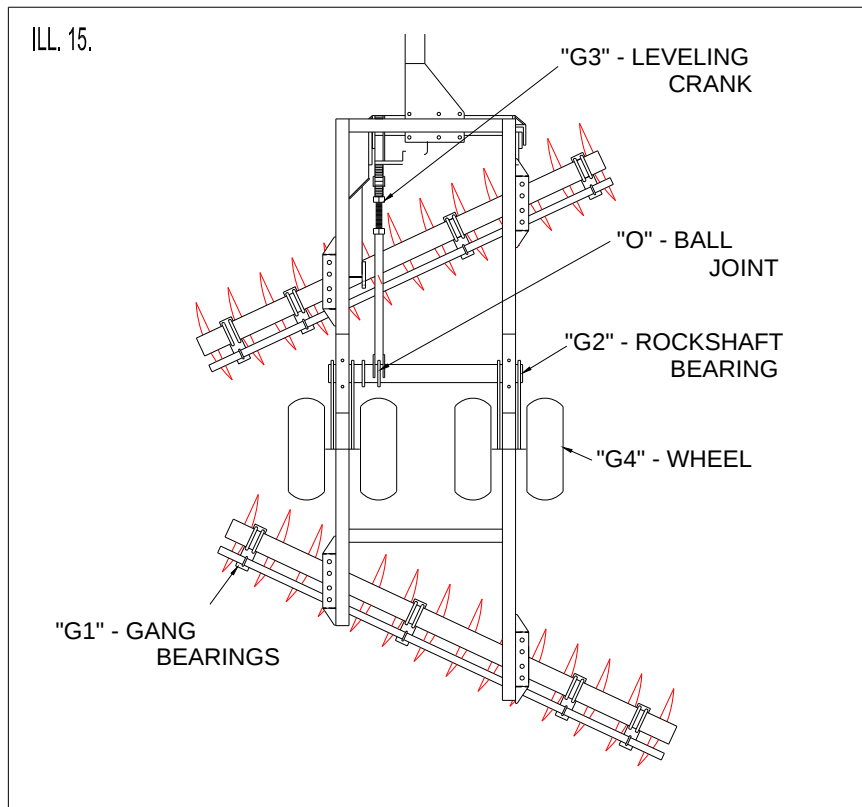
a) See ILL. 13. For all models except 1225N series and 1225 or 1275 series machines with 20 ft. cutting width. Hitch tongue, arrow 1, should be fastened 10" from left side of draw bar. If disc side drafts, further hitch adjustments may be required. See page 19 of trouble shooting.

b) See ILL. 13. On model 1225N series and 1275N series discs the hitch tongue, arrow 1, **can not** be adjusted laterally. If adjustments are required to eliminate side drafting, the gangs will have to be moved. See page 19 of trouble shooting.

c) See ILL. 14. On machines with 20 ft. cutting width the hitch tongue, arrow 1, must be fastened 25" from left side of draw bar. This special adjustment is required because gangs have been positioned further to the R.H.S. so they don't interfere with each other on L.H.S. If disc side drafts, further hitch adjustments may be required. See page 19 of trouble shooting.



MAINTENANCE



1. LUBRICATION: All lubrication points on disc are marked with arrow AG≡ in ILL. 15. Use a high quality S A E multi purpose grease. Lubricate point marked with arrow AO≡ with oil.

G1) Lubricate gang bearings every 20 hours of operation with 6 to 10 strokes of hand grease gun. Use a high quality SAE multi-purpose grease.

IMPORTANT: IF 410WSS SERIES BEARINGS ARE OVER LUBRICATED THERE IS A POSSIBILITY THAT SEALS CAN BE PUSHED OUT. THIS IS MORE LIKELY TO HAPPEN WHEN BEARINGS ARE NEW. TO IDENTIFY TYPE OF BEARING YOUR DISC HAS SEE, SPECIFICATIONS ON PAGE 8.

G2) Lubricate rockshaft bearing every 50 hours of operation.

IMPORTANT: IF ROCK SHAFT BEARINGS ARE NOT LUBRICATED THERE WILL BE EXCESSIVE WEARING OF ROCK SHAFT AND ROCK SHAFT BEARING.

G3) Lubricate leveling crank every 100 hours of operation.

G4) Lubricate the wheels every 50 hours of operation.

O) Lubricate leveling crank ball joint with every 100 hours of operation.

NOTE: WHEN YOU RECEIVE YOUR NEW DISC, GREASE ALL LUBRICATION POINTS BEFORE STARTING TO DISC. HOWEVER USE CAUTION WHEN LUBRICATING 410WSS GANG BEARINGS. THESE BEARINGS WILL HAVE BEEN FILLED WITH GREASE AT FACTORY. IF THESE BEARINGS ARE OVER LUBRICATED, SEALS MAY BE DAMAGED.

TO DETERMINE TYPE OF GANG BEARINGS YOUR DISC IS EQUIPPED, WITH SEE SPECIFICATIONS ON PAGE 8.

2. All bolts and nuts should be checked periodically to make sure they are tight. Special attention should be given to gang bolts, bearing bolts and bearing hanger U-bolts. If gang bolts come loose, they must be tightened to 3200 lbs.

VERY IMPORTANT: SEVERE DAMAGE WILL OCCUR IF GANG BOLTS ARE LOOSE.

3. When storing disc for a long period of time, apply a light coat of oil or grease to the blades. This will increase blade life. Also grease all lubricating points.
4. Keep tire pressure equal on all wheels. The amount of the pressure will depend on the size of the tires, weight of the disc and field conditions.
5. See Fig. 16. For disc equipped with optional T2-215 gang bearing. If T2-215 series bearings must be dismantled, a set screw must be removed (at bottom of casting) before seal cap can be removed.

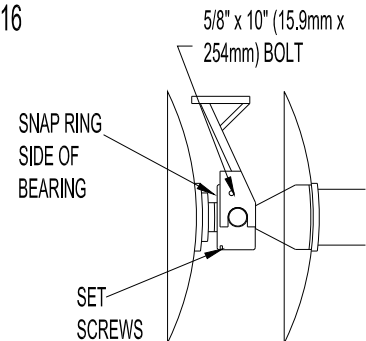


CAUTION: DO NOT SERVICE DISC WHILE IT IS IN MOTION. YOU MAY FALL IN FRONT OF DISC AND BE SERIOUSLY INJURED.



CAUTION: LOWER DISC COMPLETELY TO GROUND WHEN SERVICING. IF DISC MUST BE SERVICED IN RAISED POSITION, LOCK IN RAISED POSITION USING DEPTH CONTROL STOPS. IF ANY COMPONENTS SHOULD FAIL, OR IF HYDRAULIC LEVER SHOULD BE ACCIDENTLY OPERATED, DISC COULD DROP.

FIG. 16

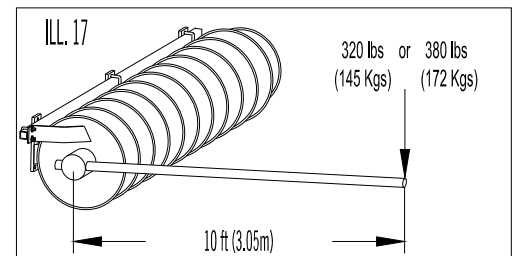


6. See Fig. 16..When reinstalling hanger on **T2-215 bearings** (if gangs are dismantled) do not over tighten the 5/8" x 10" (16 x 254mm) bolts which fasten hanger to bearings. Turn locknut until it is snug against bearing hanger. The bolt may break during field operations if it is tightened using a normal torque.
7. All bolts and nuts should be checked periodically to make sure they are tight. Special attention should be given to gang bolts, bearing bolts and bearing hanger U-bolts, and wheel bolts.

They should be tightened as follows:

- Σ Gang bolts 1-15/16" (49 mm) Diameter - tighten to 3200 ft. lbs torque (4339 N.m) – Model 1225
- tighten to 3800 ft. lbs. torque (5152 N.m) – Model 1275 & 1375
- Σ Gang beam bolts 1-1/4" (31.7 mm) Diameter --- 840 ft. lbs (1139 N · m)
- Σ Levelling crank bolt 1-1/4" (31.7 mm) Diameter - 840 ft. lbs (1139 N · m)
- Σ Wheel bolts 9/16" (14.2 mm) Diameter ----- 150 ft. lbs (203 N · m)
- Σ Bearing hanger u-bolts 7/8" (22 mm) Diameter -- 430 ft. lbs (583 N · m)

IMPORTANT!!!
SEVERE DAMAGE WILL OCCUR IF GANG BOLTS ARE LOOSE.

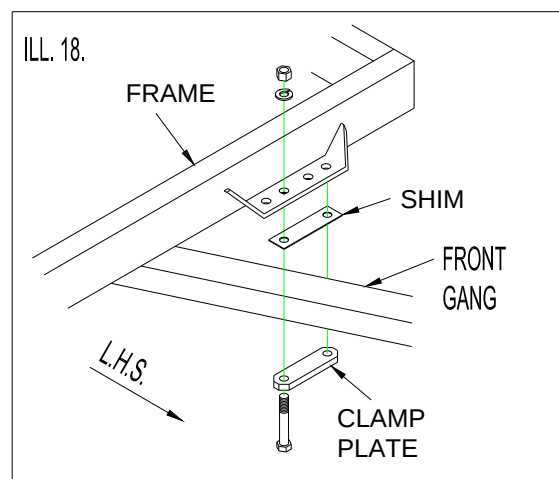


See Fig. 17. To tighten gang bolt to 3200 ft. Lbs (4339N.m) install a 10ft. (3.05m) bar in socket wrench and apply 320 Lbs. (145Kgs) of force to end of bar. Similarly 3800 ft. lbs. (5152 N.m) would require 380 lbs (172Kgs) of force to end of 10 ft. bar.

IMPORTANT: After repairing a gang, the gang bolt should be retightened after 2 hours of operation

TROUBLE SHOOTING

1. If front outside blade on right hand side is cutting too deep, causing disc to ridge at outside, the following adjustments can be made:
 - a) Check if transport wheels are on ground, gauging discing depth. If wheels are raised off ground, front end of disc will drop, causing disc to ridge on right hand side. See section "h" of GENERAL OPERATING INSTRUCTIONS on page 10.
 - b) Check tire pressure. If tire pressure is lower on right hand side disc will cut deeper on the right hand side.
 - c) Using the leveling crank, raise front of disc. See ILL. 12 on page 16.
 - d) If above adjustments don't cure problem, place shims between front gang beam and left hand side of disc frame. Locate shim as shown in ILL. 18.



2. If left hand gangs are leaving ridges at the outside of disc, move rear gang towards right hand side or decrease discing speed.
3. If left hand gangs are leaving a furrow at outside of disc, move rear gang toward left hand side of increase discing speed.
4. If left hand side of disc cuts deeper than the right hand side or opposite check tire pressure.
5. If disc is not penetrating soil, increase angle of front and rear gangs. See section 1 of ADJUSTMENTS on page 14. If increased gang angle does not give desired penetration, disc may be to light. See your EZEE-ON dealer.
6. If disc is pushing dirt and leaving ridge at the outside, decrease cutting angle of front and rear gangs. See section 1 of ADJUSTMENTS on page 15.
7. If rear of disc side drafts towards right hand side, the following adjustments can be made:
 - a) Reduce pressure on rear gangs by raising rear gangs with leveling crank. Be sure front gangs are not cutting deeper than rear gangs. See ILL.12 on page 16.
 - b) If above adjustment does not cure problems, move hitch towards left hand side. If hitch can not be moved enough, loosen gang clamp plates, arrow 1, and move both front and rear gangs approximately 4" towards the right hand side. See ILL. 11. (Move gangs more if required)

NOTE: THE HITCH FOR MODEL 1225N AND 1275N SERIES DISCS CAN NOT BE ADJUSTED Laterally, THEREFORE ADJUSTMENT TO ELIMINATE SIDE DRAFT MUST BE MADE BY MOVING GANGS.

8. If rear disc side drafts towards left hand side, the following adjustments can be made:
 - a) Increase pressure on rear gang by lowering rear gangs with leveling crank. See ILL. 12 on page 16.
 - b) If above adjustments does not cure the problem, move hitch towards right hand side. If hitch can not be made enough, loosen gang clamp plates, arrow 1, and move both front and rear gangs approximately 4" towards left hand side. See ILL. 11 on page 15. (Move gangs more if required)

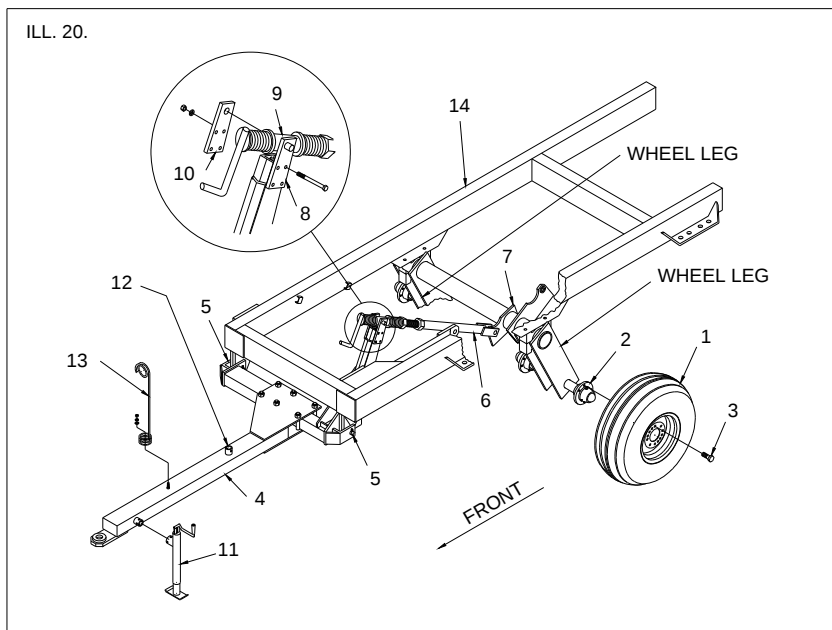
NOTE: THE HITCH FOR MODEL 1225N AND 1275N SERIES DISC CAN NOT BE ADJUSTED Laterally, THEREFORE ADJUSTMENTS TO ELIMINATE SIDE DRAFT MUST BE MADE BY MOVING GANGS.

9. If disc is plugged - adjust scrapers so they are fully in contact with blades or reduce angle.

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ASSEMBLY INDEX

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Disc Gang Patterns	30



ASSEMBLY INSTRUCTIONS

1. See ILL. 20. (For all models) Raise frame approximately 36" from ground and block securely.



CAUTION: **SUPPORT MAIN FRAME SECURELY BEFORE ASSEMBLING COMPONENTS. HEAVY FRAME COULD CAUSE SERIOUS INJURY IF IT FELL.**

2. ATTACHING WHEEL ASSEMBLIES - See ILL. 20

- a) SINGLE WHEELS - (MODELS 1225N, 1275N)

Bolt tire and wheel assembly, arrow 1, to hub, arrow 2, on outside of each wheel leg, with six (6) wheel bolts, arrow 3, (Two (2) wheels required). TIGHTEN WHEEL BOLTS TO 150 ft. lbs. (203 N.m)

- b) DUAL WHEELS - (MODELS 1225M, 1275M, 1225W, 1275W)

Bolt tire and wheel assembly, arrow 1, to hub, arrow 2, on each side of each wheel leg, with six (6) wheel bolts, arrow 3, (Four wheels required). TIGHTEN WHEEL BOLTS TO 150 ft. lbs. (203 N. m)

IMPORTANT: BE SURE ALL WHEEL BOLTS ARE CHECKED FOR TIGHTNESS DURING INITIAL TRANSPORT OR WHEN FIRST DISCING. LOOSE WHEEL BOLTS MAY RESULT IN WHEEL FALLING OFF, CAUSING SERIOUS INJURY TO THE OPERATOR OR THOSE NEARBY.

IMPORTANT: WHEEL BOLTS MUST BE KEPT TIGHT. IF BOLTS ARE NOT TIGHT, BOLTS WILL LOOSEN CAUSING SEVERE DAMAGE TO HUB, WHEEL AND TIRE. CHECK WHEEL BOLT PERIODICALLY, ESPECIALLY THE FIRST FEW HOURS OF OPERATION, EITHER TRANSPORT OR FIELD WORK.



CAUTION: **USE ADEQUATE MANPOWER OR A HOIST TO LIFT HEAVY COMPONENTS INTO PLACE. ATTEMPTING TO LIFT HEAVY COMPONENTS BY YOURSELF COULD CAUSE SERIOUS INJURY.**



CAUTION: **SUPPORT MAIN FRAME SECURELY BEFORE ASSEMBLING COMPONENTS. HEAVY FRAME COULD CAUSE SERIOUS INJURY IF IT FELL.**



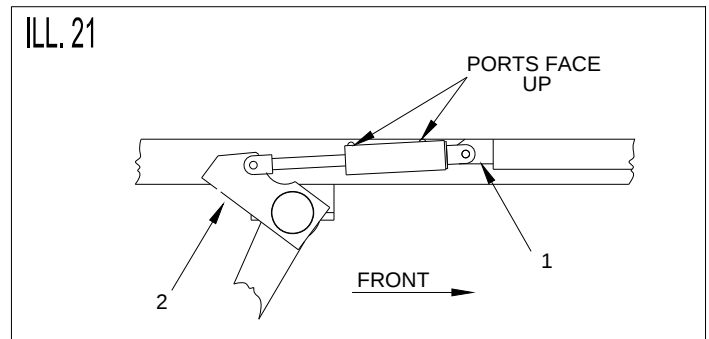
CAUTION: **WHEN ASSEMBLING DISC, USE ALIGNING PUNCH TO LINE UP HOLES. KEEP FINGERS OUT OF HOLES.**

3. See ILL. 20. Fasten hitch assembly, arrow 4, to two hitch lugs, arrow 5, of frame. Fasten with two (2) 1-1/4" x 4" pins. Secure each pin with two (2) 5/16" x 1-3/4" cotter pins.
4. See ILL. 20. To attach leveling link, arrow 6, remove bolt-on lug, arrow 7, from leveling arm of hitch. Next place bearing tube, arrow 9, of crank assembly between weld-on lug, arrow 8, and bolt-on lug, arrow 10. Install ears of bearing tube, arrow 9, in 1" holes of lugs, arrows 8 and 10, then fasten bolt-on lug to leveling arm with four (4) 1/2" x 5" bolts complete with nuts and lock washers. Be sure grease fitting in bearing tube is facing up.

Next attach clevis end of leveling link, arrow 6, to arm, arrow 7, on rock shaft, fasten with (1) one 1-1/4" x 4-3/4" (31.7 x 120.6mm) bolt c/w nut and lockwasher. Tighten bolt to 840 ft. lbs. (1139 N.m.)

5. See ILL. 20. Fasten hose support, arrow 13, to bolt welded to top of hitch tongue with one (1) 11/16" I.D. flat washer, one (1) 5/8" lock removable spacer washer, and one (1) 5/8" nut.
6. See ILL. 21. Install one (1) 4" x 12" stroke hydraulic cylinder. Fasten barrel end to lug, arrow 1. Position barrel **so port are facing up**. Fasten shaft end to rock shaft cylinder arm, arrow 2. Fasten with one (1) 1-1/4" dia. pins supplied with cylinder. Secure each pin with two (2) 5/16 x 1-3/4" cotter pins.

NOTE: Hydraulic cylinder supplied as standard.



CAUTION: DO NOT DISCONNECT HYDRAULICALLY OPERATED COMPONENTS WHEN THERE IS PRESSURE WITHIN THOSE COMPONENTS. HYDRAULIC COMPONENTS UNDER HIGH PRESSURE MAY CAUSE PARTS AND HYDRAULIC FLUID TO FLY OUT AT A HIGH VELOCITY, WHICH COULD CAUSE SERIOUS INJURY.



CAUTION: HYDRAULIC OIL ESCAPING UNDER PRESSURE HAS SUFFICIENT FORCE TO CAUSE SERIOUS INJURY. IF INJURED BY ESCAPING FLUID, OBTAIN MEDICAL TREATMENT IMMEDIATELY.



CAUTION: CHECK HYDRAULIC HOSES PERIODICALLY FOR SIGNS OF RUPTURE. USE A CARDBOARD AS BACKSTOP TO CHECK FOR ESCAPING HIGH PRESSURE OR HOT FLUID.



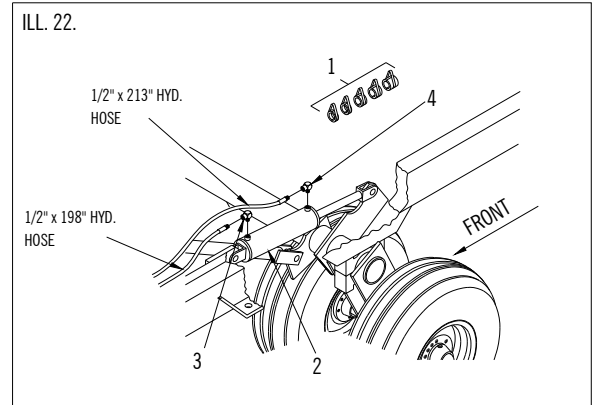
CAUTION: BEFORE APPLYING PRESSURE TO HYDRAULIC SYSTEM, BE SURE ALL CONNECTIONS ARE TIGHT AND COMPONENTS ARE NOT DAMAGED.

7. See ILL. 20. Mount hitch jack, arrow 11, on round tube on side of hitch when supporting disc hitch. When transporting disc position jack horizontally on top of hitch tube.

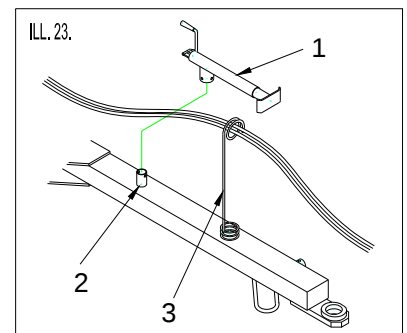
ASSEMBLY INSTRUCTIONS CONTINUED:

8. **CONNECTING HYDRAULIC HOSES** - See ILL. 22.

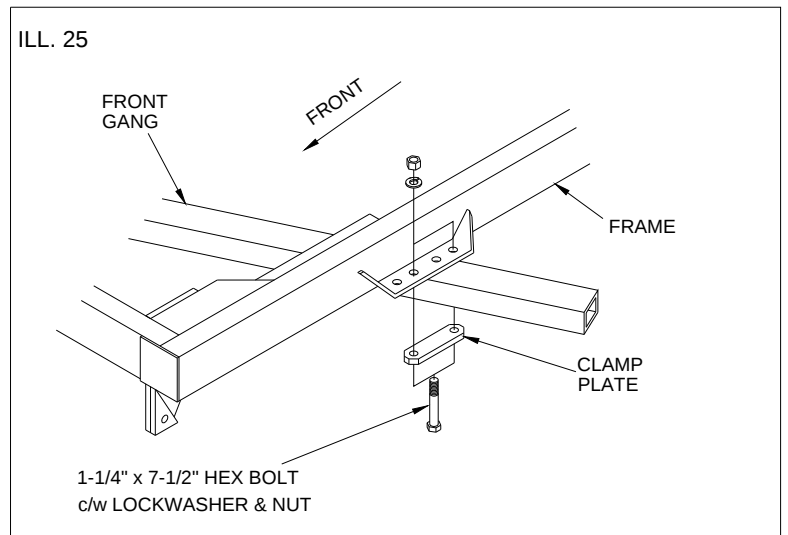
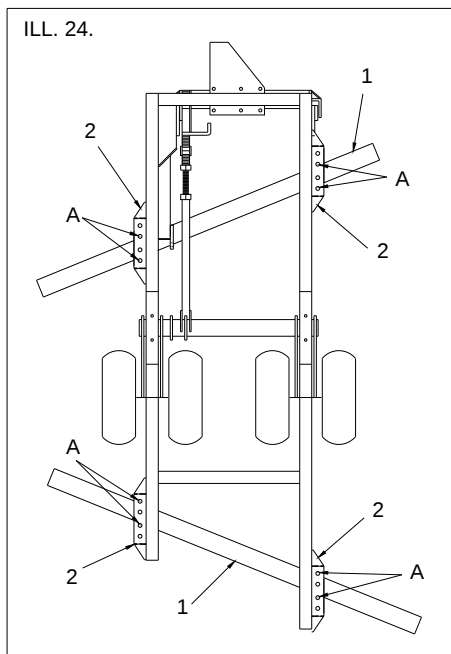
- Install one (1) 1/2" N.P.T. x 90 degree street elbow, arrow 3 and 4, to the front and rear ports of hydraulic cylinder, arrow 2.
- Connect one (1) 1/2" x 198 A hose to street elbow, arrow 3, in front port of hydraulic cylinder. Connect one (1) 1/2" x 213 A hose to street elbow, arrow 4, in rear port of hydraulic cylinder. Thread hoses through hose support, arrow 3, shown in ILL. 23.
- Install one (1) male tip on end of each hose and connect hoses to tractor's hydraulic system.
- Fill hydraulic cylinder with oil. Extend and contract cylinder until it is completely filled with oil.
- After cylinder is completely filled with hydraulic oil fully extend cylinder, arrow 2. Next install all depth control stops, arrow 1, on cylinder shaft. The total length of all stops is 8-1/4", the depth stops must be installed to lock disc in raised position while the rest of disc is being assembled.



IMPORTANT: SEE ILL. 23. HITCH JACK, ARROW 1, MUST BE MOUNTED TO ROUND TUBE, ARROW 2, ON TOP OF HITCH WHEN DISC IS IN MOTION. IF JACK IS LEFT ON THE SIDE OF THE HITCH (IN HORIZONTAL POSITION), TRACTOR TIRES MAY HIT THE JACK, CAUSING SEVERE DAMAGE TO THE HITCH JACK.



- See ILL. 24. Using chart on Page 29 to determine the length of the front and rear gang beams, arrow 1, for your disc.
- See ILL. 24 and 25. Fasten each gang beam to mounting brackets, arrow 2, lugs on side of frame with one (1) clamp plate, and two (2) 1-1/4 x 7-1/2" on each side of frame. To start with set gang beams at a medium angle by using holes, arrow A. Do not tighten 1-1/4" bolts at this time.



11. ATTACHING GANG ASSEMBLIES – See ILL. 26

NOTE: Find gang pattern for your disc on pages 30 to 56.

NOTE: Remove scraper assemblies and bundling ties/bands from the gang assemblies. The scraper assembly that is bundled with each gang will be assembled together on the disc. Be sure each gang with it's scraper assembly is kept together. The 5/8" x 2" (15.7mm x 50.8mm) U-bolts used to bundle scraper assemblies **MUST** be saved to assemble scraper bar to gang beam later.

- a) **USING GANG PATTERN FOR YOUR DISC** - Identify the front and rear gangs. Note that the gang with a outrigger blade (small diameter blade at the end) is a rear gang. If your disc has a gang on the front with the same number of blades as the rear gangs, use the following method to identify which gang is front and which is rear.

For solid hangers with 410WSS bearings front and rear is determined by the position of bearing grease fitting. When blades are orientated correctly, the grease fitting will face the rear of disc, see Detail D.

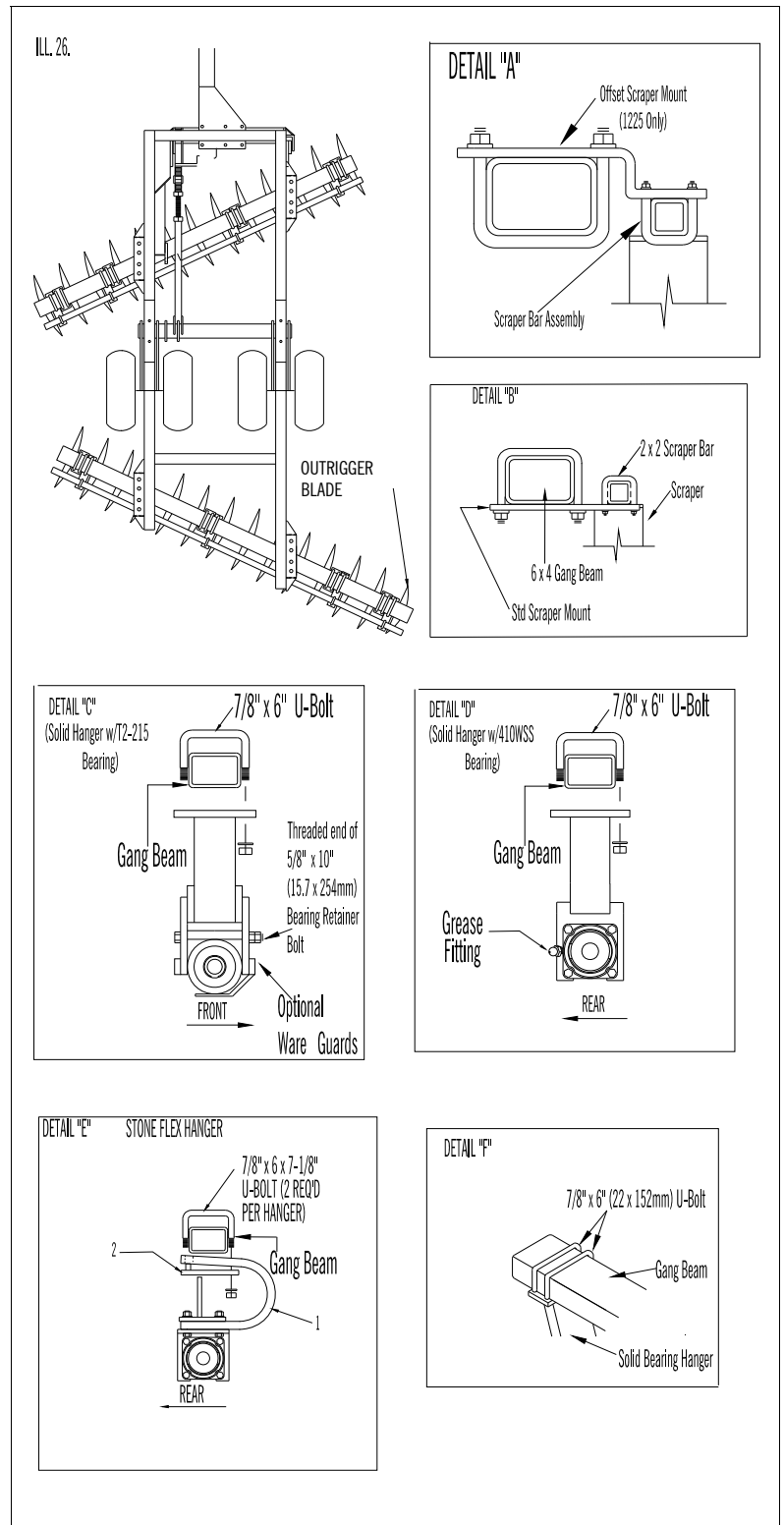
For solid hangers with T2-215 bearings front and rear is determined by the 5/8" x 10" (15.7mm x 254mm) bearing retainer bolt. When blades are orientated correctly, the double nut end of the bolt will face the front of the disc, see Detail C.

If your disc is equipped with stone flex hangers, front and rear gangs, is determined by the opening of the "C" shank. When blades are correctly orientated the open end of "C" shank will face rear of disc, see Detail E.

- b) **REAR GANGS** – Roll rear gangs in place under rear gang beams. Attach each bearing hanger to gang beam with two (2) 7/8" x 6" x 5-7/8" U-bolts. See detail "C" or "D". Leave U-bolts loose. If disc is equipped with optional stone flex bearing hangers, see step "d" to attach hangers
- c) **FRONT GANGS** – Roll front gangs in place under front gang beams. Attach each bearing hanger gang beam with two (2) 7/8" x 6" x 5-7/8" U-bolts. See Detail "C" and "D". Leave U-bolts loose. If disc is equipped with optional stone flex bearing hanger, see step "D" to attach hanger.

- d) **OPTIONAL STONE FLEX BEARING HANGERS** – See Fig. 26, Detail "E". Fasten each hanger assembly, arrow 1, to bottom of gang beam with one (1) backing plate, arrow 2, and two (2) 7/8" x 6" x 7-1/8" U-bolts. Be sure pin on backing plate is inserted into slot of shank. Leave U-bolts loose.

CAUTION: WHEN ATTACHING GANG ASSEMBLIES, WEAR PROTECTIVE GLOVES TO HELP PREVENT INJURY FROM CUTTING EDGES OF BLADES.



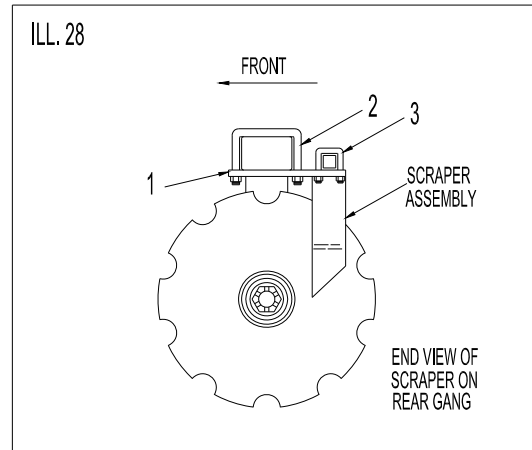
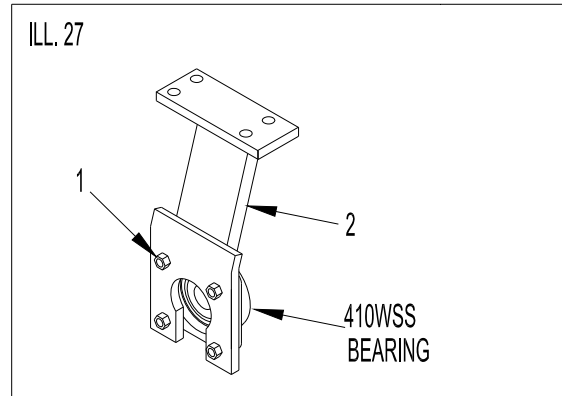
- a) Adjust spacing between gang assemblies. This spacing should be the same distance as the blade spacing in the gang assemblies. Excess gang beam should extend to the right hand side on front gang and to the left side on the rear gang.
- b) Before tightening bearing hanger U-bolts, check each bearing hanger to make sure hanger is sitting square under gang beam. Also, be sure hanger is not turned to one side. Tighten U-bolts to 430 foot pounds.

IMPORTANT: IF BEARING HANGERS ARE NOT SITTING SQUARE BEFORE TIGHTENING U-BOLTS, THRUST WILL BE BUILT INTO THE BEARINGS AND THE LIFE OF THE BEARINGS WILL BE SHORTENED.

12. VERY IMPORTANT: SEE ILL. 27.

FOR DISCS WITH 410WSS SERIES BEARINGS AND SOLID HANGERS. LOOSEN ALL THE BOLTS, ARROW 1, WHICH FASTEN THE BEARINGS TO THE HANGERS, ARROW 2, THEN TURN THE DISC BLADES TO ALLOW THE BEARINGS TO ALIGN THEMSELVES. TIGHTEN ALL BOLTS. THIS OPERATION IS NOT REQUIRED IF T2-215 BEARINGS ARE USED.

NOTE: To identify 410WSS and T2-215 series bearing, see illustrations on page 4.



13. ATTACHING SCRAPER ASSEMBLIES - See ILL. 28.

NOTE: Find gang pattern for your disc on pages 30 to 56.

- a) Identify scraper assembly for each gang. As indicated in Section 11 on previous page, the gangs were bundled with their corresponding scraper assembly. Scraper assemblies are assembled for front and rear gangs and must be installed on appropriate gang.
- b) See Fig. 28. Position each scraper assembly on REAR side of it's gang with scrapers placed against concave side of blades. Fasten scraper assembly to gang beam with ONE (1) scraper bar support for each bearing hanger in the gang. Position outer scraper bar support as close as possible to the end of the scraper bar. Position the inner scraper bar support(s) close to a bearing hanger. Locate standard scraper bar support on BOTTOM side of gang beam and secure with (1) $\frac{3}{4}$ " x 6" (19.0 x 152.4mm) U-bolt, arrow 2, c/w nuts and lockwashers. Place scraper bar assembly on TOP of scraper bar supports, arrow 1, and secure scraper bar to supports with one (1) $\frac{5}{8}$ " x 2" (15.7 x 50.8mm) U-bolts, arrow 3, c/w nuts and lockwashers. Scraper mount plates are also shown in Detail "A" and "B" of ILL. 26.

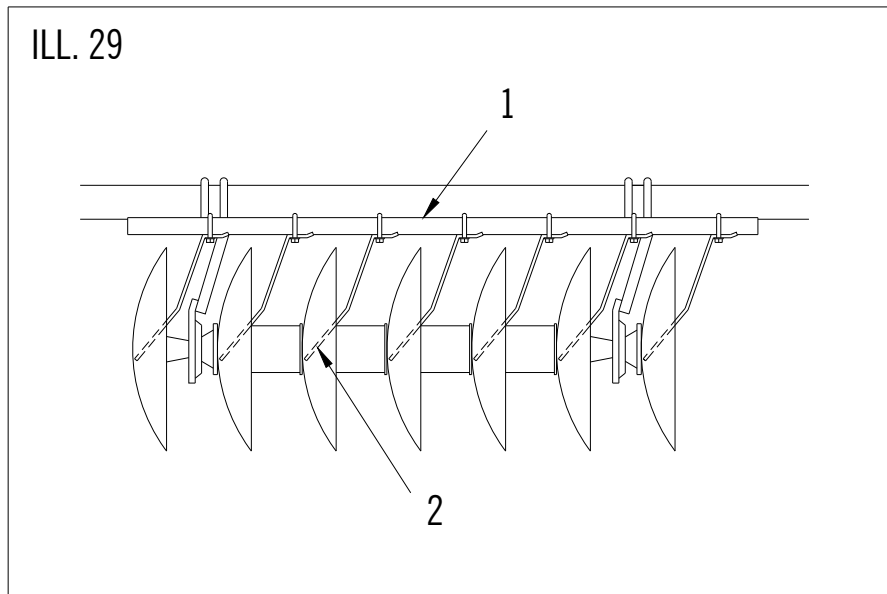
NOTE: Model 1275 and 1375 discs use double U-bolt scraper bar support. For location of these supports see scraper bar support patterns on page 52 to 56.

NOTE: Model 1225 Only – In some cases the standard scraper bar supports, shown in Detail "B", ILL. 26 can not be installed between frame and a bearing hanger. In these instances an offset scraper support is provided. This support is placed on top of the gang beam, as shown in Detail "A", ILL. 26 allowing clearance for installation. All Models are supplied with four (4) offset supports. If they are not used for tight locations, use them in normal locations.

NOTE: Model 1275 and 1375 disc does not require offset scraper bar supports.

ASSEMBLY INSTRUCTIONS CONTINUED:

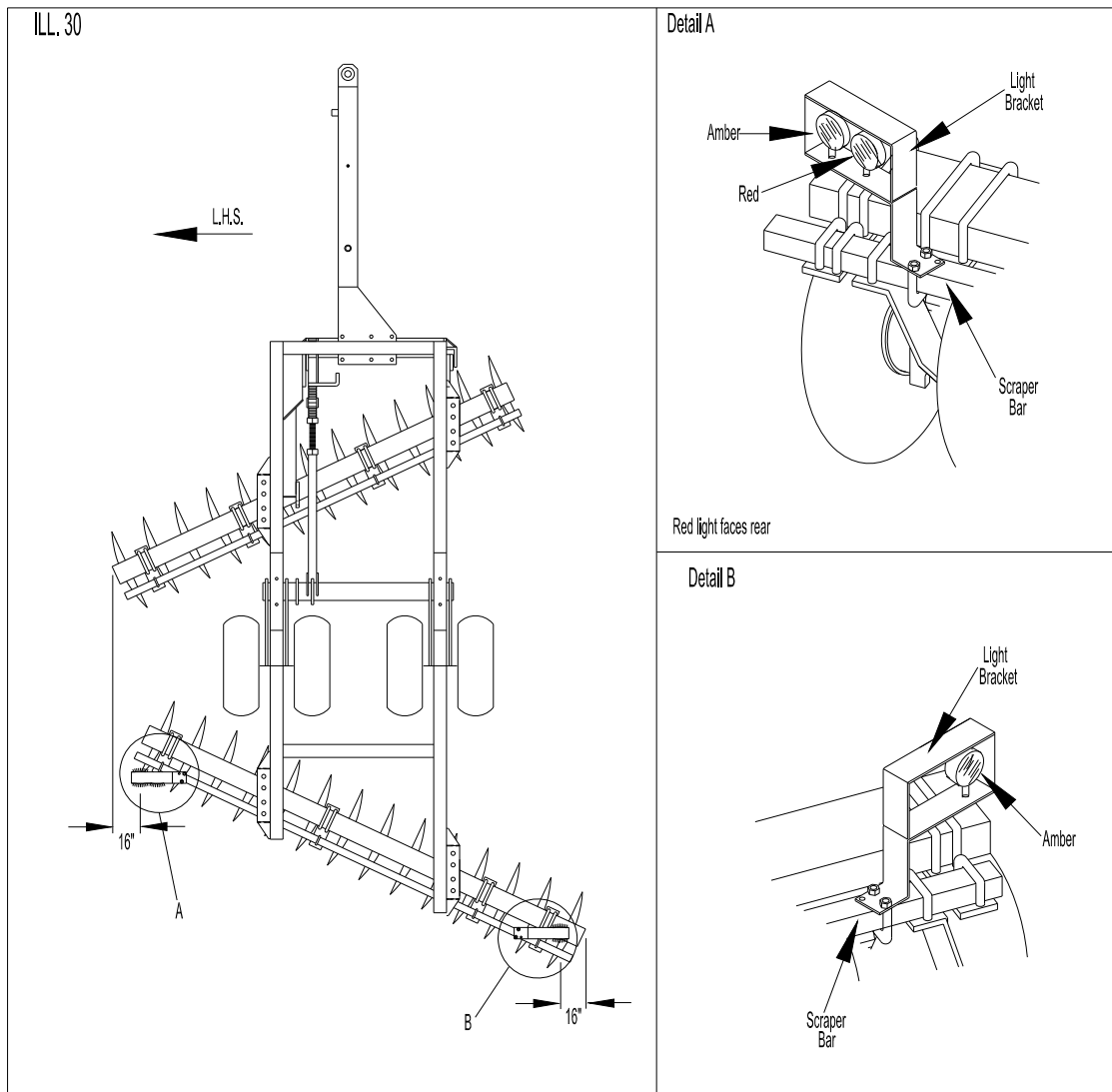
14. See ILL. 29. Adjust scraper bar, arrow 1, and scrapers, arrow 2, of each gang, so scraper is in contact with the disc blade.



IMPORTANT: DISC WILL REQUIRE LESS HORSEPOWER TO PULL, IF SCRAPERS ARE ADJUSTED PROPERLY.

15. LATERAL GANG ADJUSTMENT - Before the 1-1/4" x 7-1/2" gang beam clamp plates can be tightened, the gangs must be positioned laterally under frame. Correct gang lateral gang position will result in a level discing job and good line of draft. To make these adjustments see sections 3 and 4 of adjustments on pages 15 to 16.
16. After lateral gang adjustments are complete tighten 1-1/4" x 7-1/2" gang beam clamp bolts. Tighten bolts to a minimum of 840 ft.lbs.

VERY IMPORTANT: BE SURE THE 1-1/4" x 7-1/2" GANG BEAM CLAMP BOLTS ARE VERY TIGHT. USE WRENCHES SUPPLIED WITH DISC TO TIGHTEN CLAMP BOLTS. SEVERE DAMAGE CAN OCCUR IF THESE BOLTS ARE LOOSE.



18. SAFETY LIGHT KIT (OPTIONAL) - MOUNT INSTRUCTIONS (SEE ILL. 30)

- Fasten one (1) lamp bracket on each end of rear scraper bar. Lamp brackets are L.H. and R.H. Fasten each lamp bracket with one (1) $\frac{1}{2}$ " x 2" U-bolt c/w nuts and lockwashers. Locate as shown in Detail "A" and "B". Leave U-bolts loose.
- Fasten one (1) amber lamp and one (1) red lamp on L.H. lamp bracket. Position amber and red lamps so they face the rear with the amber lamp on the outside. Install lamps through $\frac{3}{4}$ " (19.0mm) holes in lamp bracket. Secure with nuts. Leave nut loose so ring connector from wiring can be installed. See Detail "A".
- Fasten one (1) amber lamp on R.H. lamp bracket. Position so amber lamp faces rear. Install lamp through $\frac{3}{4}$ " holes in lamp bracket. Secure with nut. Leave nut loose so ring connector from wiring can be installed. See Detail "B".
- Position each lamp bracket so outer lamp is no more than 16" from widest part of disc to centre of lamp. Next, tighten $\frac{1}{2}$ " x 2" U-bolts.

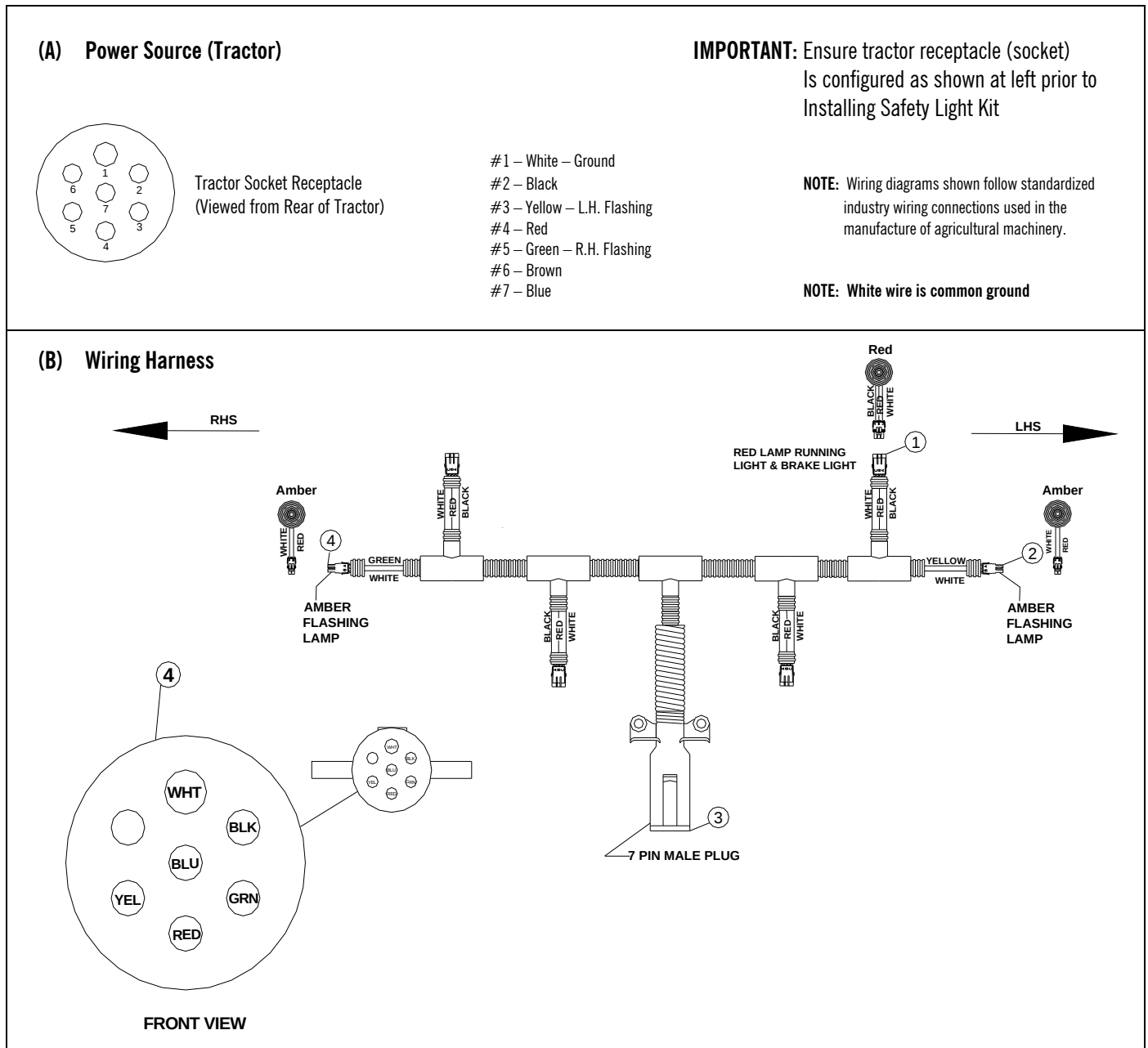
IMPORTANT: Paragraphs "B", "C", "D", and ILL. 30 describes and show lamp position on North American Public Roads. For other countries such as Australia, check local laws and regulations for required warning lamp mounting positions.

CAUTION: WHEN TRANSPORTING DISC OVER PUBLIC ROADS USE THE SMV EMBLEM (NOT SUPPLIED BY EZEE-ON) AND WARNING LIGHTS FOR PROTECTION OF TRACTOR AND OTHER MOTOR VEHICLE OPERATIONS. CHECK LOCAL LAWS FOR WIDTH MAXIMUMS.

E) INSTALL ELECTRICAL WIRING AS FOLLOWS:

- E1) See Fig. 31 – Lay wiring harness on hitch and along R.H.S. of frame with 7 pin male plug, arrow 3, located at front of hitch.
The wiring harness is tagged L.H.S. (left hand side) and R.H.S. (right hand side) at outer plugs, arrow 2.
When laying harness on frame ensure L.H. end of harness is placed on L.H.S. of frame and R.H. end of harness is placed on R.H.S. of frame.
L.H.S and R.H.S. of disc is determined by viewing disc from rear. **NOTE:** The R.H. and L.H side of harness must be properly positioned to Allow signal lights to work correctly. Run L.H. and R.H. ends of harness along rear of frame and rear gangs back up to lamps. Tie harness to frame, gang beam and lamp supports as required with tie straps. Next plug in each amber lamps to two wire plugs, arrow 2. Plug in red lamp to a 3 wire plug, arrow 2.

FIG. 31



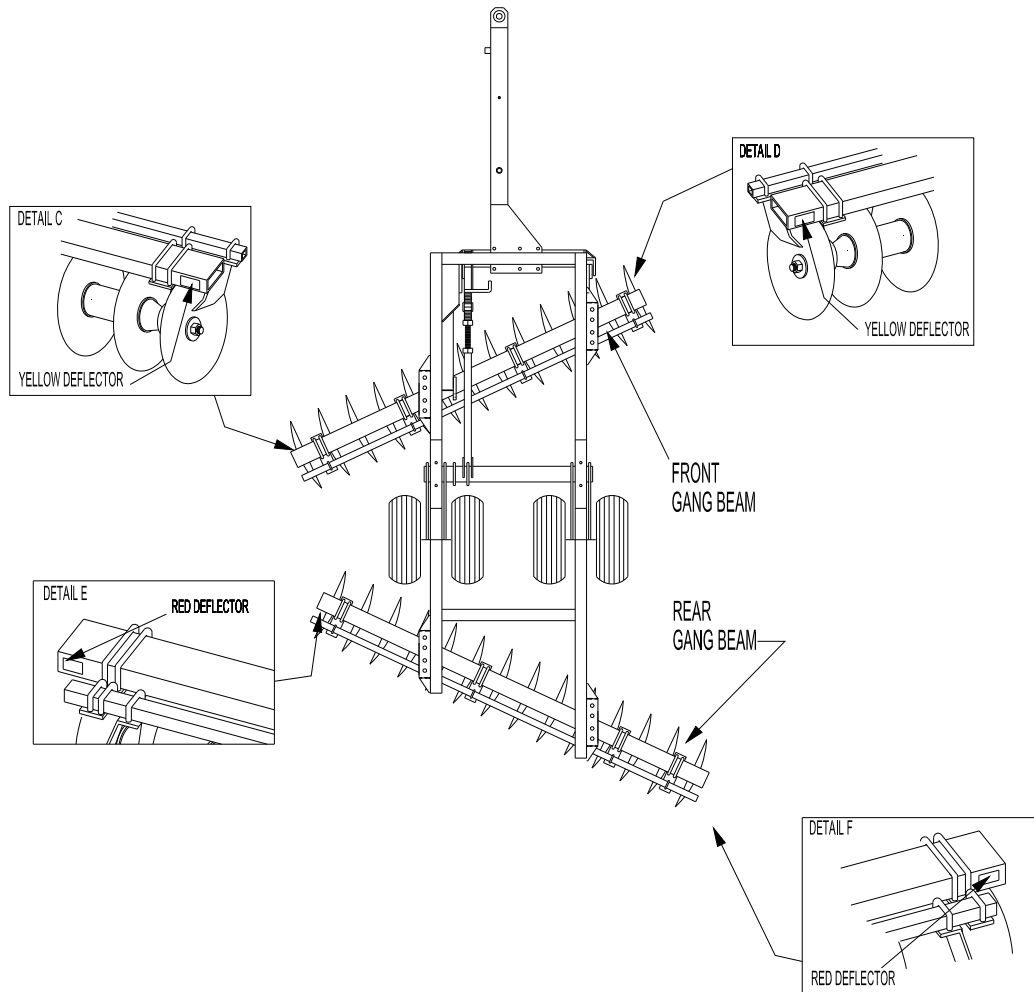
COMPONENTS:

- 2 - Lamps - amber both sides
- 1 - Lamp - red one side

1 – Wiring Harness

10 – Cable ties

ILL. 32



19. See ILL. 32. Install yellow and red reflections on ends of gang beams as shown.

Yellow reflectors must be placed on front side of front gang beam. Red reflectors must be placed on rear side of rear gang beams. Locate each reflector as close as possible to the end of gang beams.

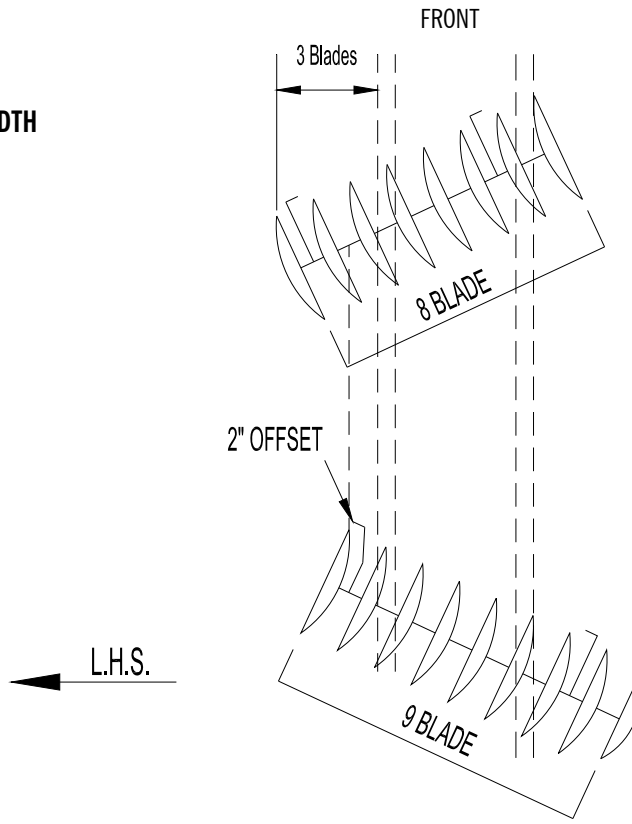
GANG BEAM CHART

MODEL (SERIES)	TOTAL NO. OF BLADES	NO. BLADES FRONT GANG	FRONT GANG BEAM LENGTH	NO. BLADES REAR GANG	REAR GANG BEAM LENGTH
9" SPACING (410 SERIES BEARING)					
1225N	17	8 BLADE	72"	9 BLADE	72"
1225N	21	10 BLADE	84"	11 BLADE	92"
1225N	25	12 BLADE	102"	13 BLADE	110"
1225M	29	14 BLADE	126"	15 BLADE	130"
1225M	33	16 BLADE	144"	17 BLADE	147"
1225M	37	18 BLADE	162"	19 BLADE	168"
1225W	41	20 BLADE	180"	21 BLADE	186"
1225W	45	22 BLADE	198"	23 BLADE	204"
1225W	49	24 BLADE	216"	25 BLADE	222"
1225W	53	26 BLADE	234"	27 BLADE	240"
10-1/2" SPACING (410 SERIES & T2-215 BEARING)					
1225N	15	7 BLADE	72"	8 BLADE	77"
1225N	19	9 BLADE	90"	10 BLADE	96"
1225N	23	11 BLADE	108"	12 BLADE	118"
1225M	23	11 BLADE	108"	12 BLADE	118"
1225M	27	13 BLADE	138"	14 BLADE	140"
1225M	31	15 BLADE	150"	16 BLADE	162"
1225M	33	16 BLADE	162"	17 BLADE	174"
1225W	37	18 BLADE	186"	19 BLADE	195"
1225W	41	20 BLADE	210"	21 BLADE	216"
1225W	45	22 BLADE	228"	23 BLADE	236"
1275N	15	7 BLADE	80"	8 BLADE	92"
1275N	19	9 BLADE	102"	10 BLADE	108"
1275N	23	11 BLADE	120"	12 BLADE	130"
1275M	23	11 BLADE	120"	12 BLADE	130"
1275M	27	13 BLADE	141"	14 BLADE	152"
1275M	31	15 BLADE	162"	16 BLADE	174"
1275M	33	16 BLADE	174"	17 BLADE	186"
1275W	37	18 BLADE	195"	19 BLADE	204"
1275W	41	20 BLADE	216"	21 BLADE	228"
1275W	45	22 BLADE	240"	23 BLADE	248"
12" SPACING (T2-215 BEARING)					
1275N	13	6 BLADE	72"	7 BLADE	86"
1275N	17	8 BLADE	98"	9 BLADE	110"
1275N	21	10 BLADE	121"	11 BLADE	135"
1275M	21	10 BLADE	121"	11 BLADE	135"
1275M	25	12 BLADE	150"	13 BLADE	159"
1275M	29	14 BLADE	171"	15 BLADE	182"
1275M	31	15 BLADE	184"	16 BLADE	195"
1275W	33	16 BLADE	195"	17 BLADE	210"
1275W	37	18 BLADE	219"	19 BLADE	232"
1275W	41	20 BLADE	246"	21 BLADE	258"
1375M	21	10 BLADE	124"	11 BLADE	133"
1375M	25	12 BLADE	145"	13 BLADE	159"
1375M	29	14 BLADE	171"	15 BLADE	183"
1375M	31	15 BLADE	183"	16 BLADE	195"

NOTE: All gang beams are made from 6" x 4" x 3/8" wall.

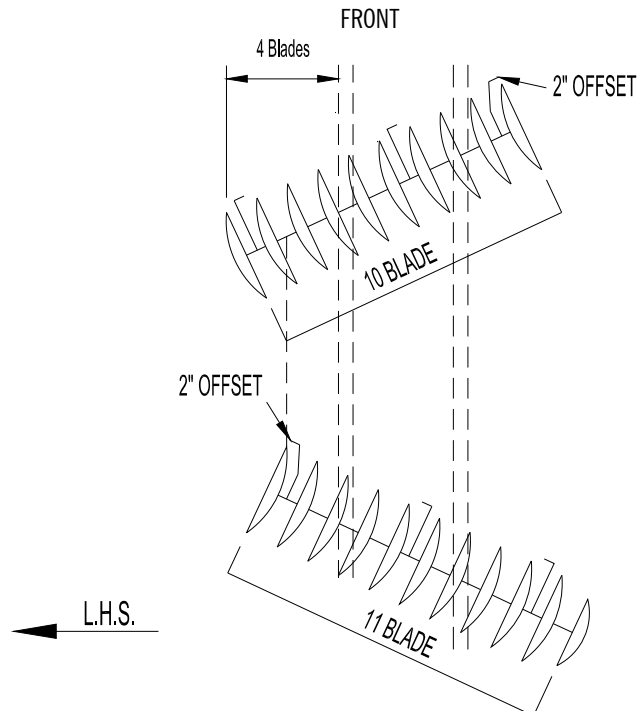
**GANG PATTERN
MODEL 1225N - 9" SPACING
17 BLADES/4 BEARINGS (410WSS)**

**APPROX. WIDTH
6-1/2 ft.**



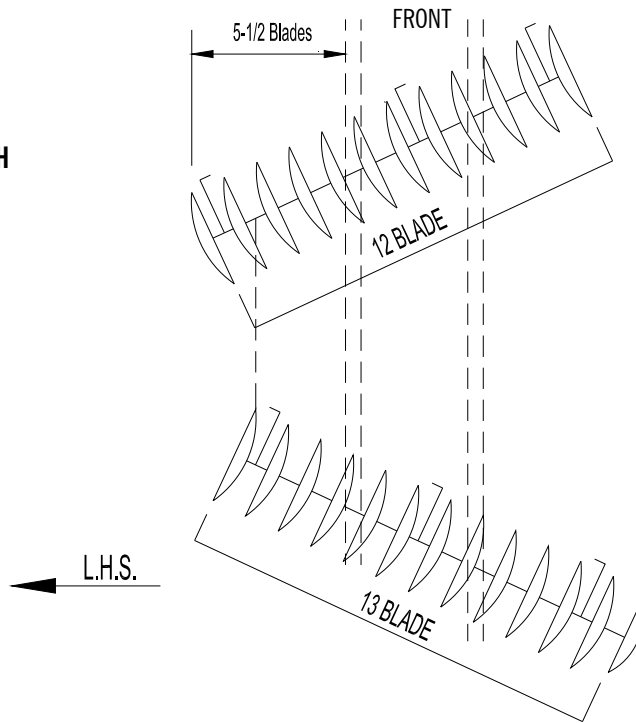
**GANG PATTERN
MODEL 1225N - 9" SPACING
21 BLADES/6 BEARINGS (410WSS)**

**APPROX. WIDTH
8 ft.**



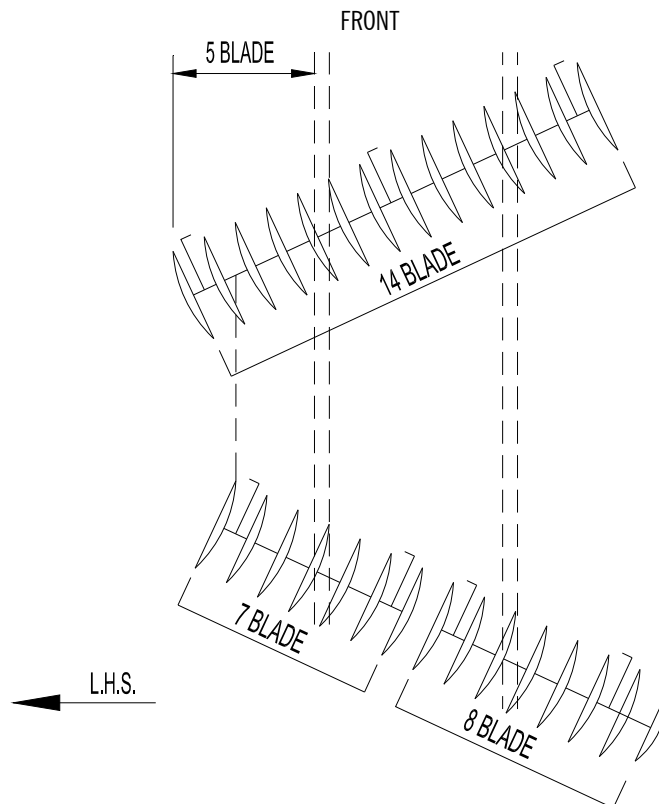
**GANG PATTERN
MODEL 1225N - 9" SPACING
25 BLADES/6 BEARINGS (410WSS)**

**APPROX. WIDTH
9 ft.**



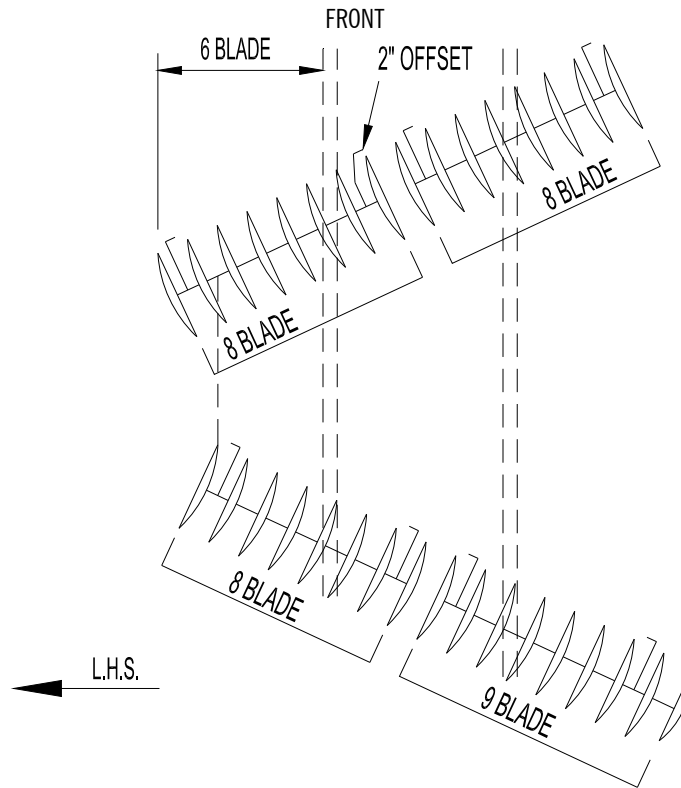
**GANG PATTERN
MODEL 1225M - 9" SPACING
29 BLADES/7 BEARINGS (410WSS)**

**APPROX. WIDTH
10-1/2 ft.**



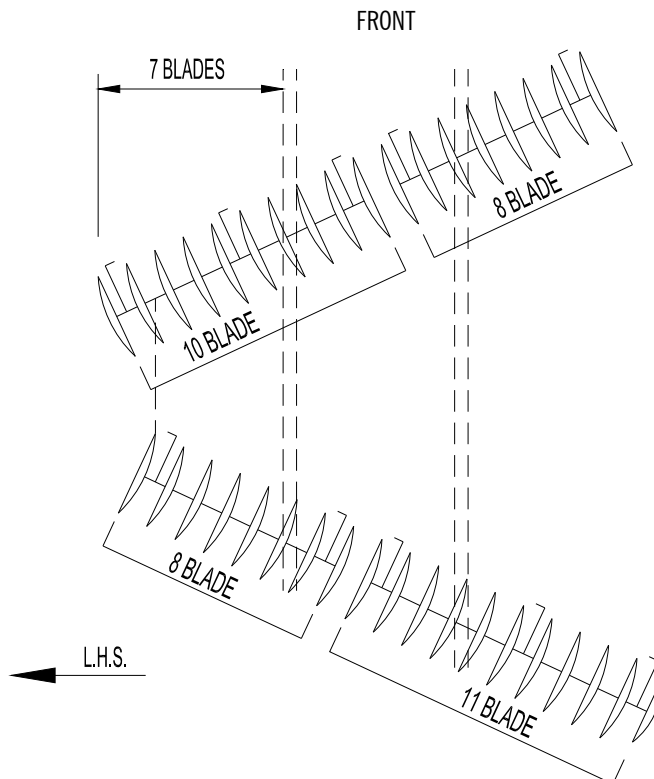
**GANG PATTERN
MODEL 1225M - 9" SPACING
33 BLADES/8 BEARINGS (410WSS)**

**APPROX. WIDTH
12 ft.**



**GANG PATTERN
MODEL 1225M - 9" SPACING
37 BLADES/10 BEARINGS (410WSS)**

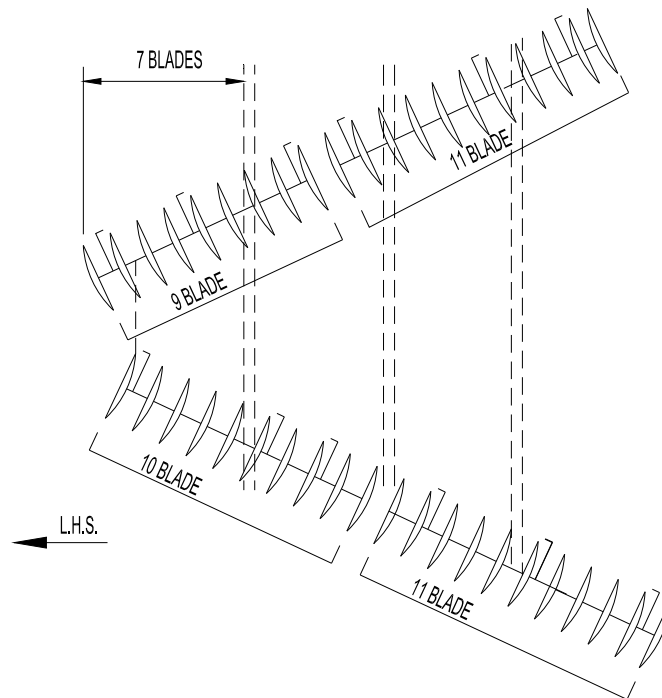
**APPROX. WIDTH
14 ft.**



**GANG PATTERN
MODEL 1225W - 9" SPACING
41 BLADES/12 BEARINGS (410WSS)**

FRONT

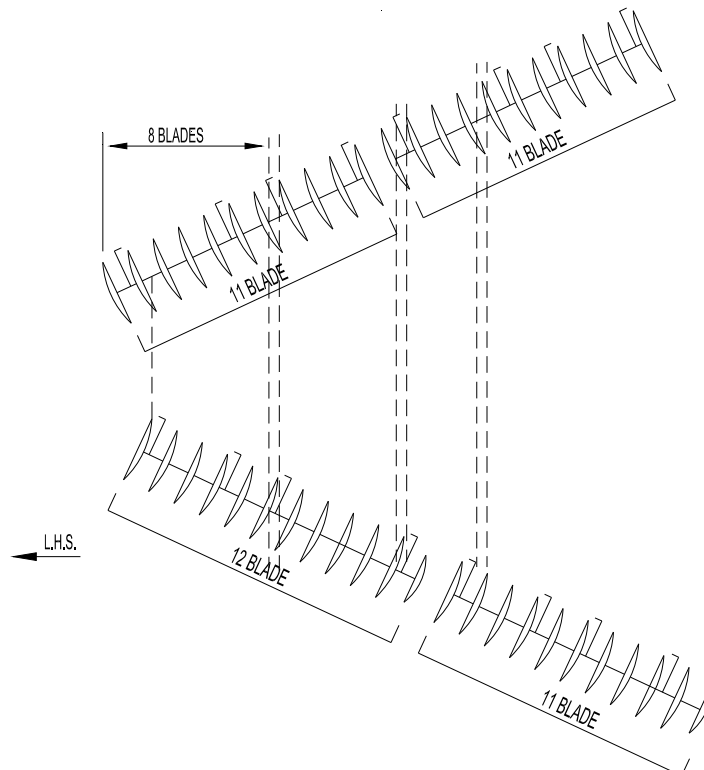
**APPROX. WIDTH
15-1/2 ft**



**GANG PATTERN
MODEL 1225W - 9" SPACING
45 BLADES/12 BEARINGS (410WSS)**

FRONT

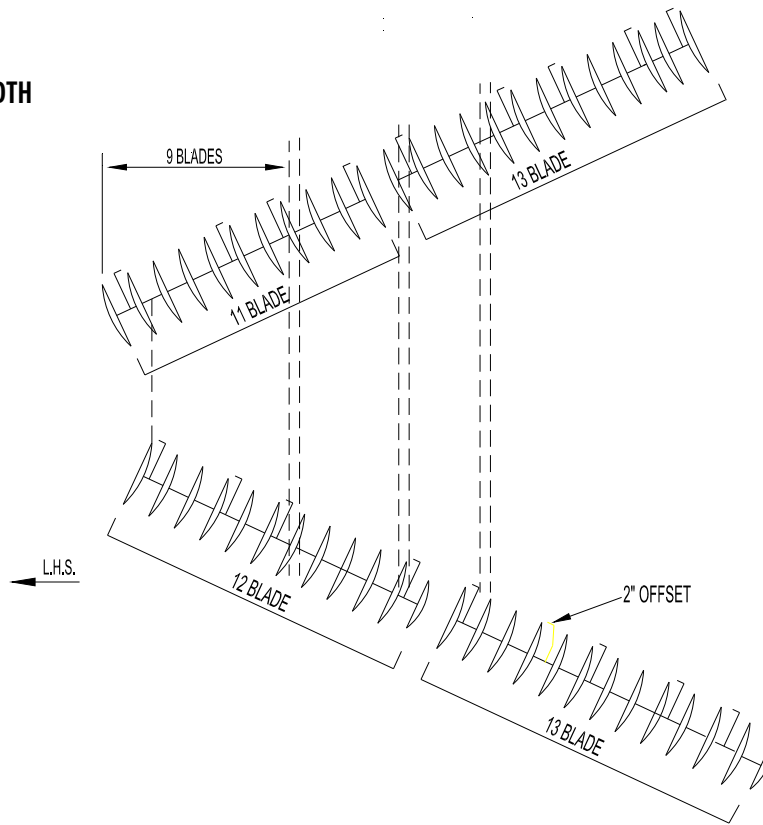
**APPROX. WIDTH
17 ft**



**GANG PATTERN
MODEL 1225W - 9" SPACING
49 BLADES/14 BEARINGS (410WSS)**

FRONT

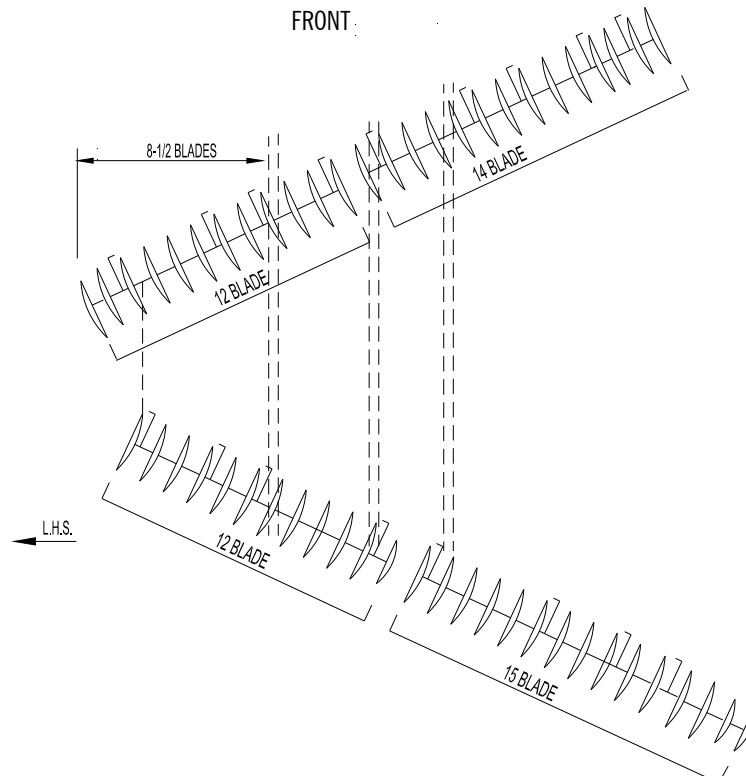
**APPROX. WIDTH
18-1/2 ft**



**GANG PATTERN
MODEL 1225N - 9" SPACING
53 BLADES/14 BEARINGS (410WSS)**

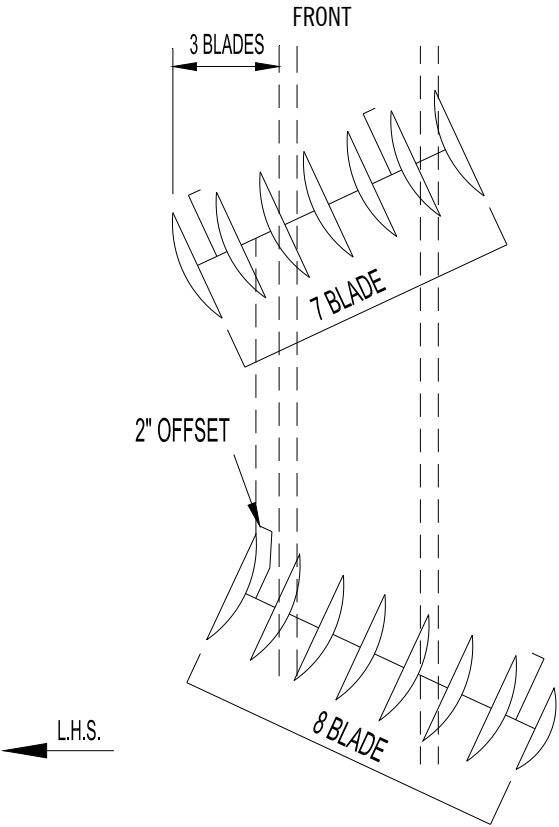
FRONT

**APPROX. WIDTH
20 ft**



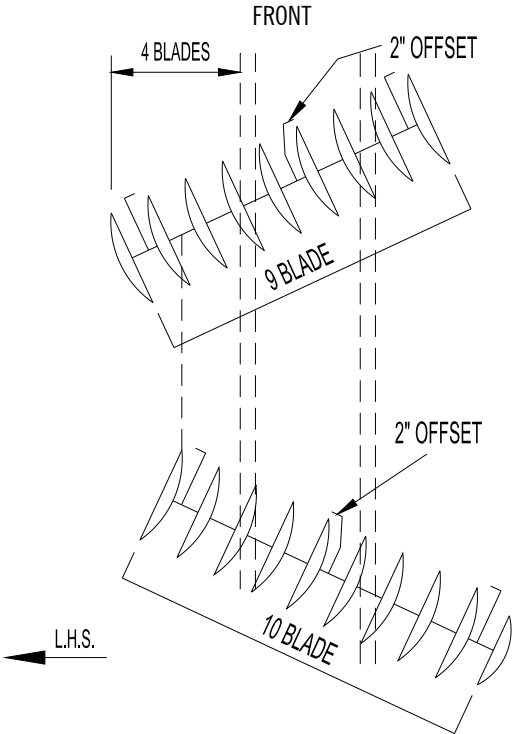
GANG PATTERN
MODEL 1225N & 1275N – 10-1/2" SPACING
15 BLADES/4 BEARINGS (410WSS/T2-215)

APPROX. WIDTH
6 ft



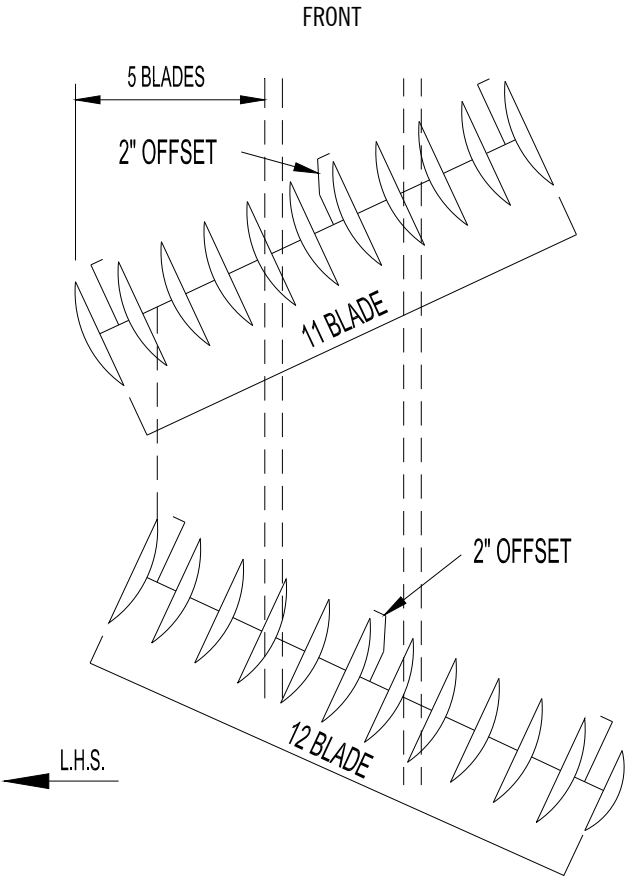
GANG PATTERN
MODEL 1225N & 1275N – 10-1/2" SPACING
19 BLADES/6 BEARINGS (410WSS/T2-215)

APPROX. WIDTH
8 ft



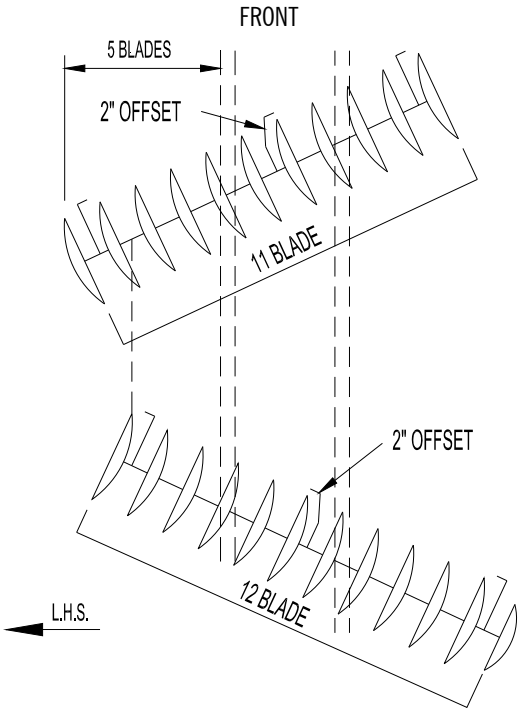
GANG PATTERN
MODEL 1225N & 1275N – 10-1/2" SPACING
23 BLADES/6 BEARINGS (410WSS/T2-215)

APPROX. WIDTH
10 ft



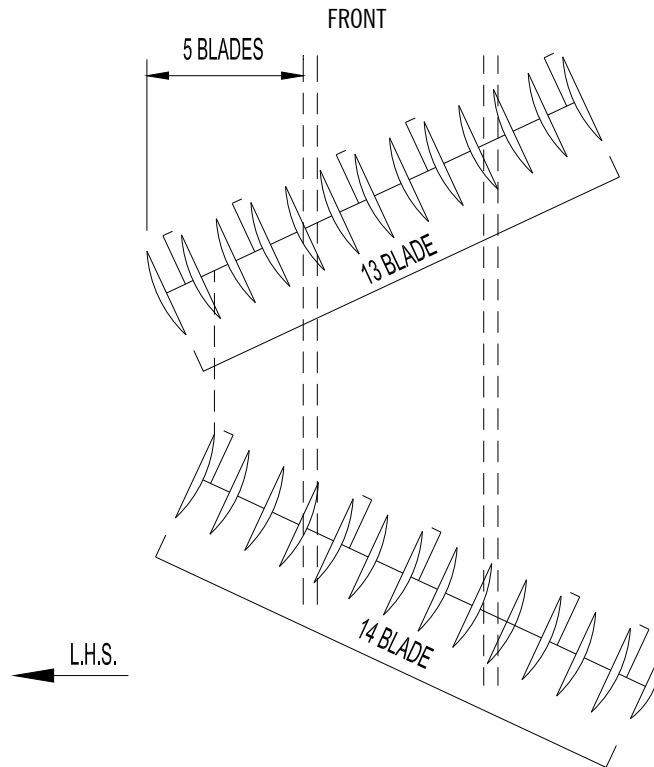
GANG PATTERN
MODEL 1225N & 1275N – 10-1/2" SPACING
23 BLADES/8 BEARINGS (410WSS/T2-215)

APPROX. WIDTH
10 ft



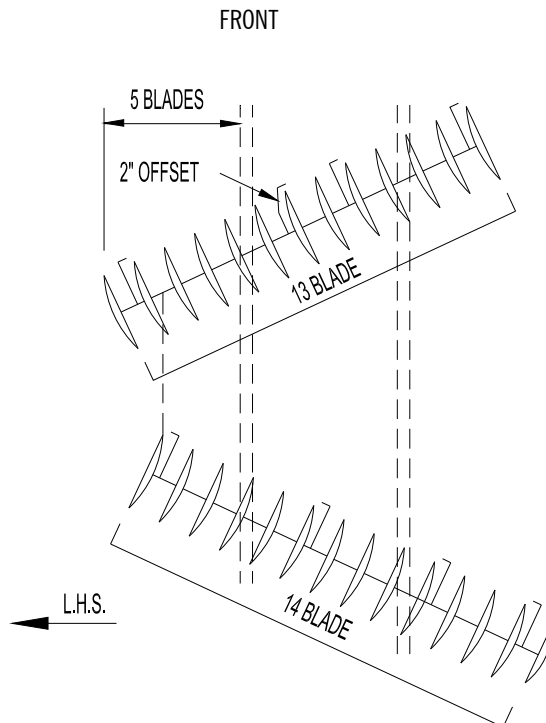
**GANG PATTERN
MODEL 1225M & 1275M – 10-1/2" SPACING
27 BLADES/10 BEARINGS (410WSS)**

**APPROX. WIDTH
12 ft**



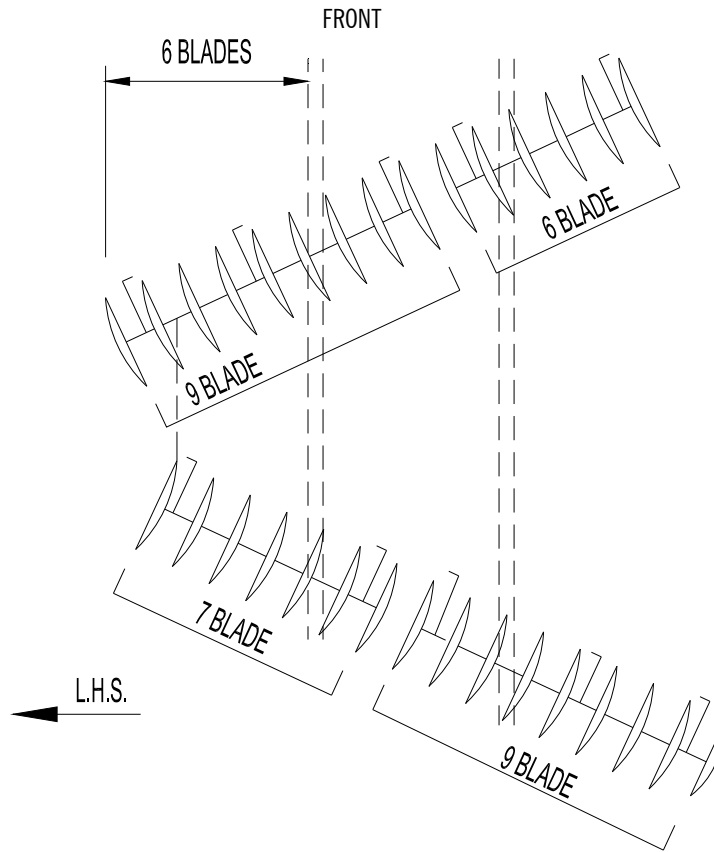
**GANG PATTERN
MODEL 1225M – 10-1/2" SPACING
27 BLADES/8 BEARINGS (T2-215)**

**APPROX. WIDTH
12 ft**



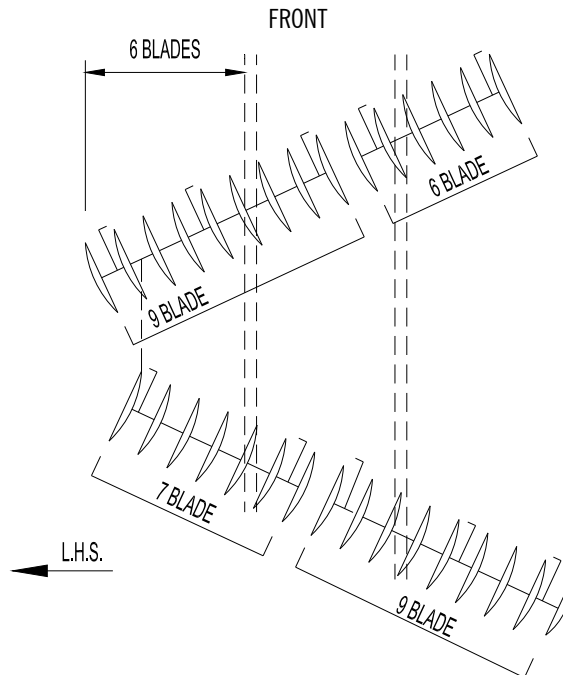
GANG PATTERN
MODEL 1225M – 10-1/2" SPACING
31 BLADES/10 BEARINGS (410WSS)

APPROX. WIDTH
14 ft



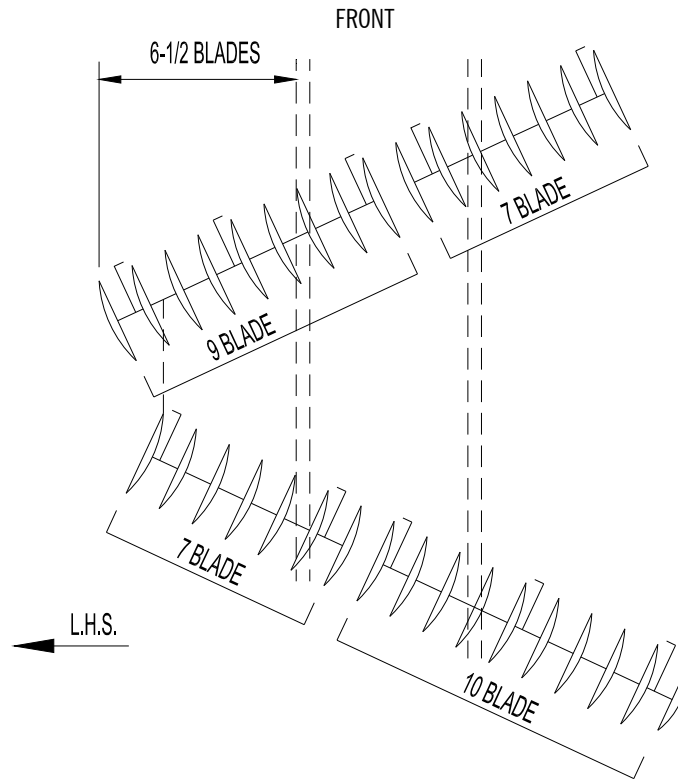
GANG PATTERN
MODEL 1225M – 10-1/2" SPACING
31 BLADES/10 BEARINGS (T2-215)

APPROX. WIDTH
14 ft



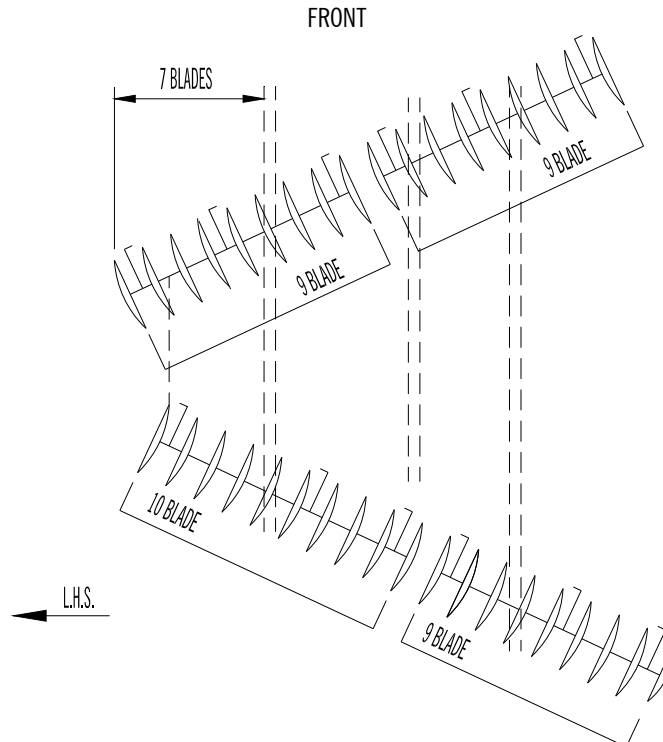
GANG PATTERN
MODEL 1225M & 1275M – 10-1/2" SPACING
33 BLADES/10 BEARINGS (410WSS/T2-215)

APPROX. WIDTH
15 ft



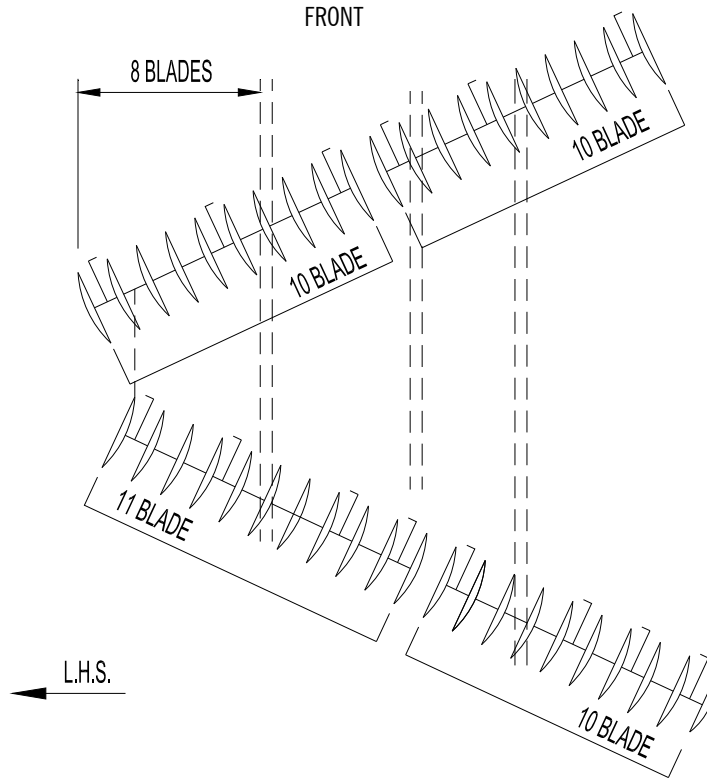
GANG PATTERN
MODEL 1225W & 1275W – 10-1/2" SPACING
37 BLADES/10 BEARINGS (410WSS/T2-215)

APPROX. WIDTH
16 ft



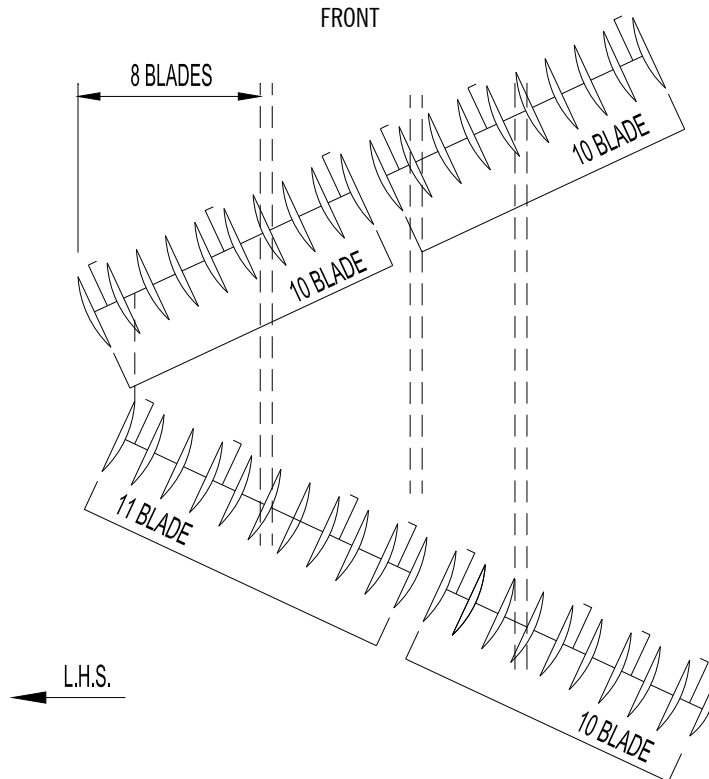
**GANG PATTERN
MODEL 1225W – 10-1/2" SPACING
41 BLADES/14 BEARINGS (410WSS)**

**APPROX. WIDTH
18 ft**



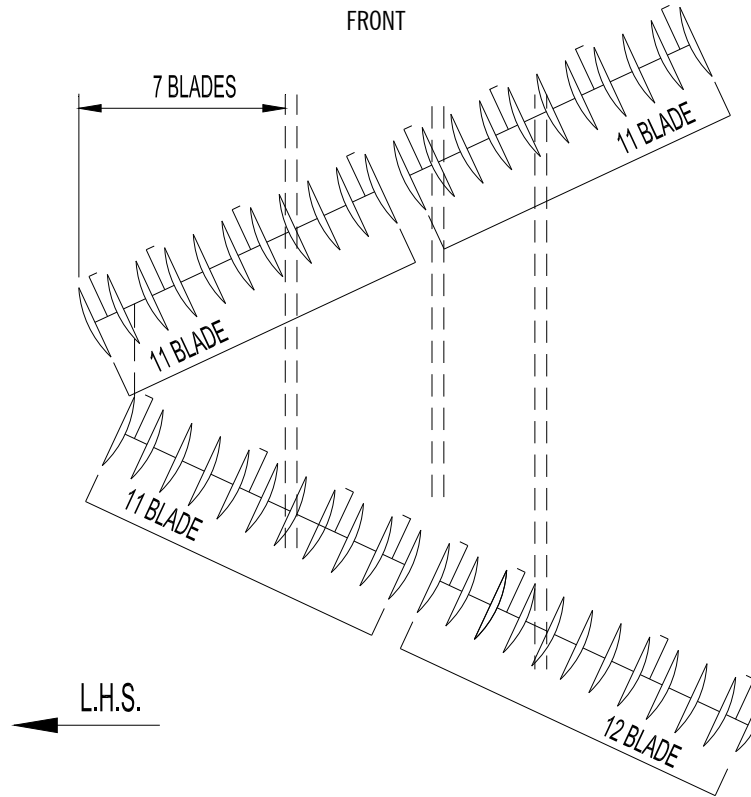
**GANG PATTERN
MODEL 1225W & 1275W – 10-1/2" SPACING
41 BLADES/14 BEARINGS (T2-215)**

**APPROX. WIDTH
18 ft**



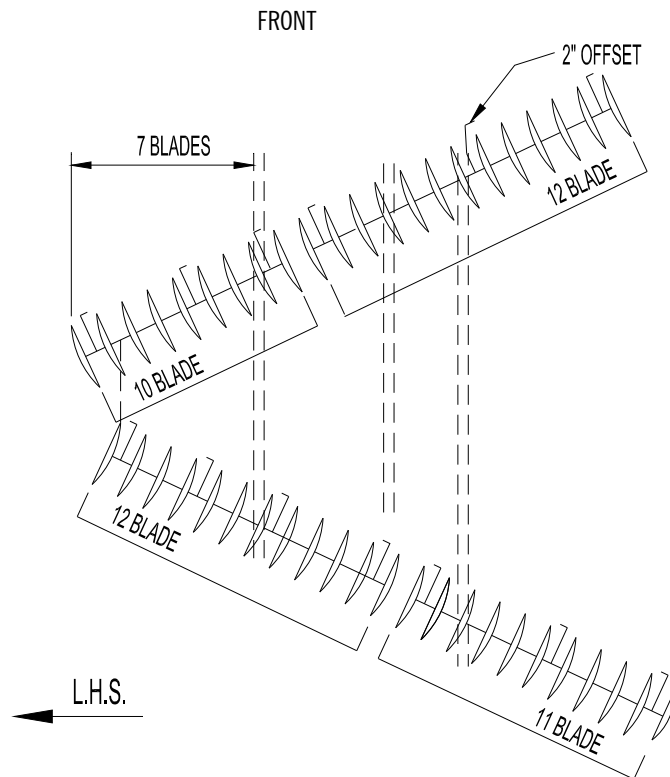
**GANG PATTERN
MODEL 1225W – 10-1/2" SPACING
45 BLADES/16 BEARINGS (410WSS)**

**APPROX. WIDTH
20 ft**



**GANG PATTERN
MODEL 1225W & 1275W – 10-1/2" SPACING
45 BLADES/13 BEARINGS (T2-215)**

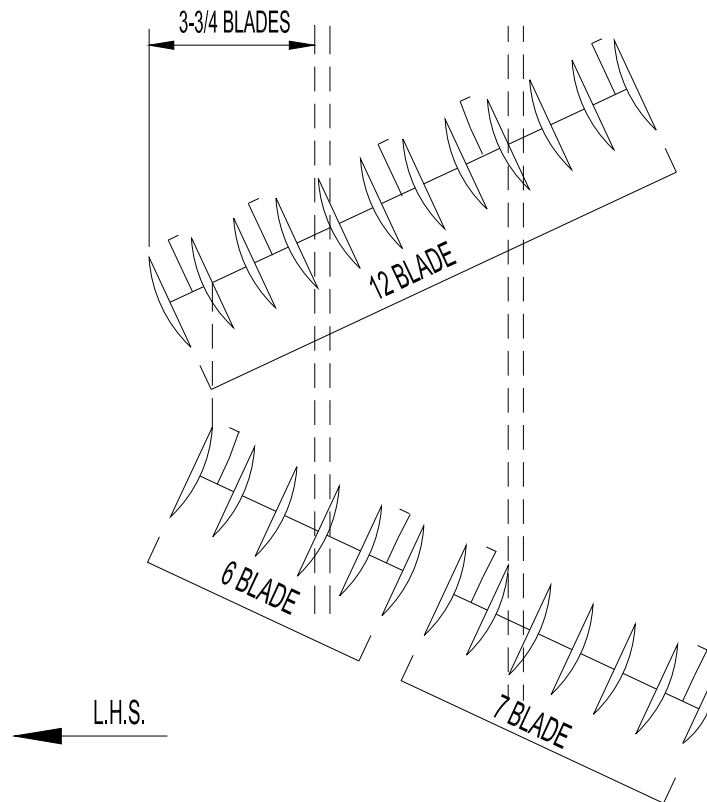
**APPROX. WIDTH
20 ft**



**GANG PATTERN
MODEL 1225M— 12" SPACING
25 BLADES/9 BEARINGS (410WSS)**

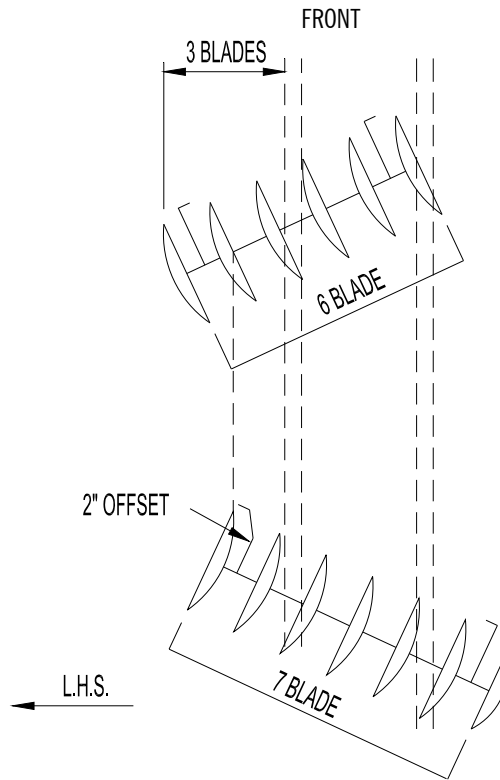
FRONT

**APPROX. WIDTH
12 ft**



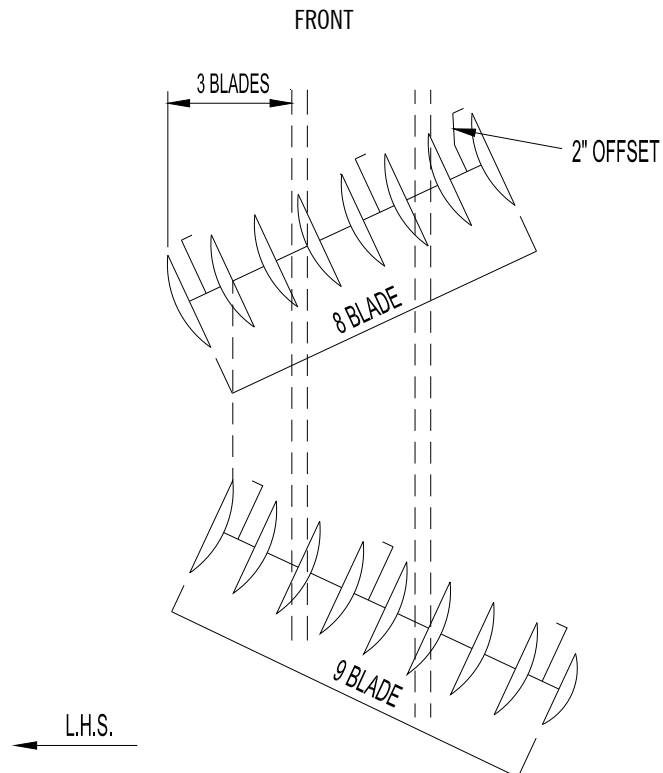
**GANG PATTERN
MODEL 1275N– 12" SPACING
13 BLADES/4 BEARINGS (T2-215)**

**APPROX. WIDTH
6 ft**



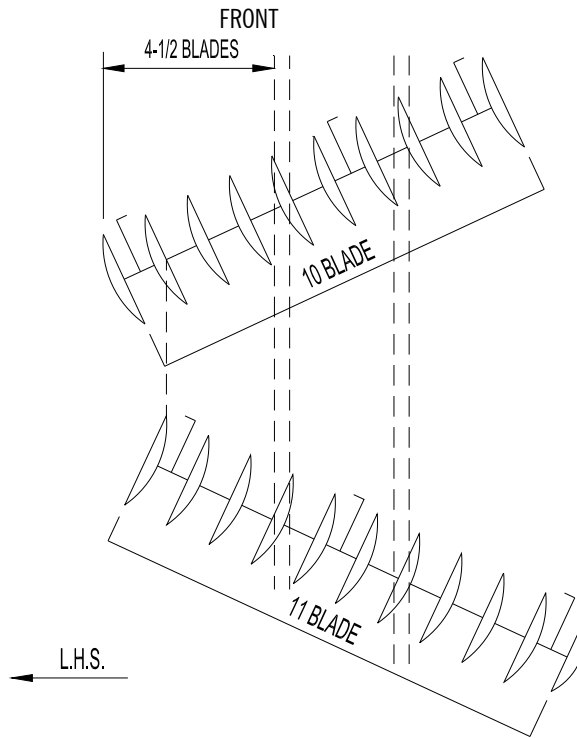
**GANG PATTERN
MODEL 1275N– 12" SPACING
17 BLADES/6 BEARINGS (T2-215)**

**APPROX. WIDTH
8 ft**



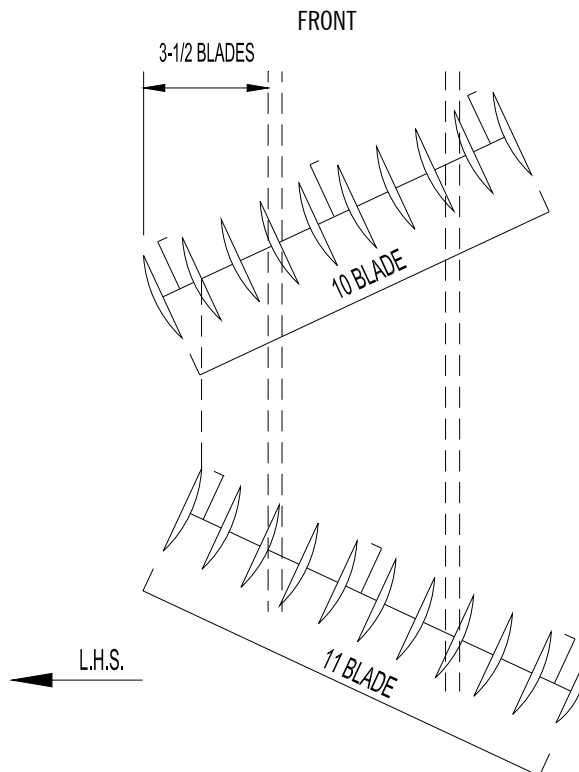
**GANG PATTERN
MODEL 1275N- 12" SPACING
21 BLADES/6 BEARINGS (T2-215)**

**APPROX. WIDTH
10 ft**



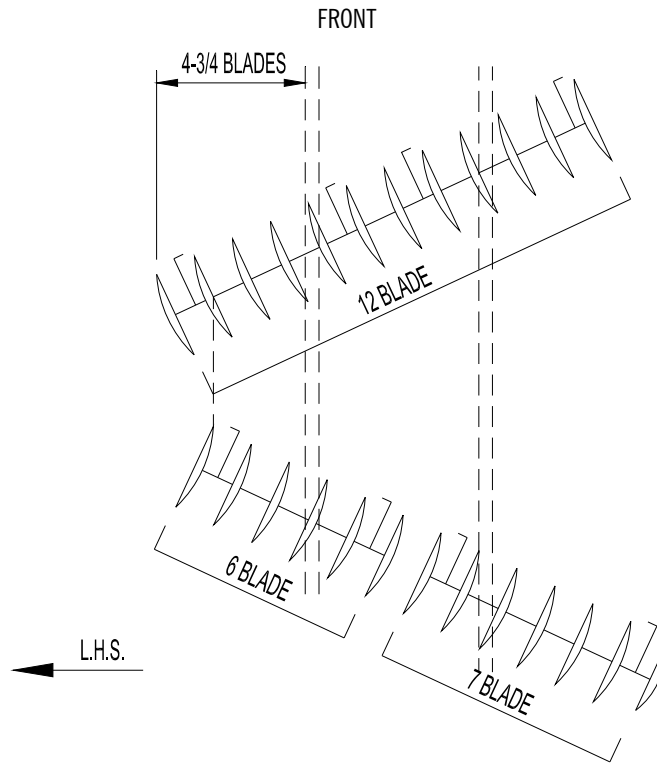
**GANG PATTERN
MODEL 1275M- 12" SPACING
21 BLADES/6 BEARINGS (T2-215)**

**APPROX. WIDTH
10 ft**



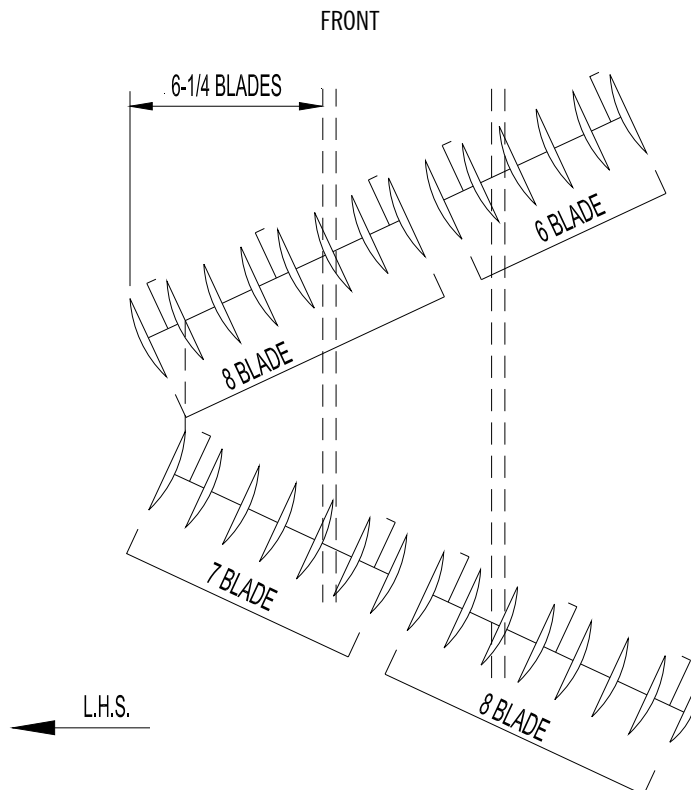
**GANG PATTERN
MODEL 1275M– 12" SPACING
25 BLADES/8 BEARINGS (T2-215)**

**APPROX. WIDTH
12 ft**



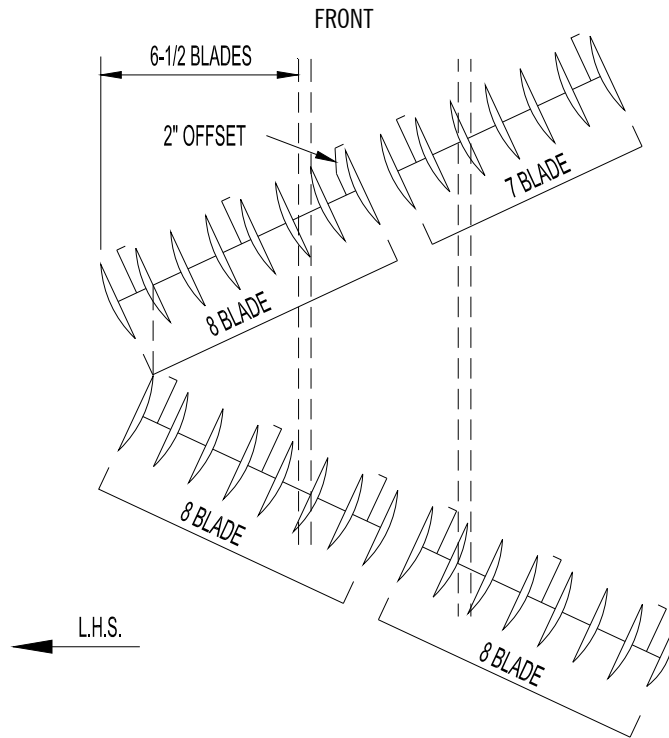
**GANG PATTERN
MODEL 1275M– 12" SPACING
29 BLADES/10 BEARINGS (T2-215)**

**APPROX. WIDTH
14 ft**



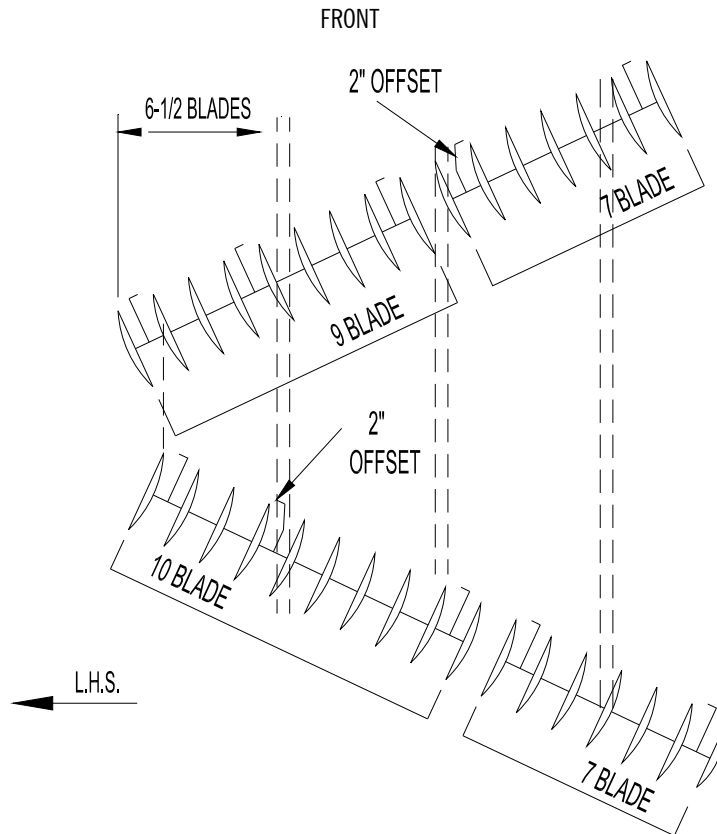
**GANG PATTERN
MODEL 1275M– 12" SPACING
31 BLADES/11 BEARINGS (T2-215)**

**APPROX. WIDTH
15 ft**



**GANG PATTERN
MODEL 1275M– 12" SPACING
33 BLADES/10 BEARINGS (T2-215)**

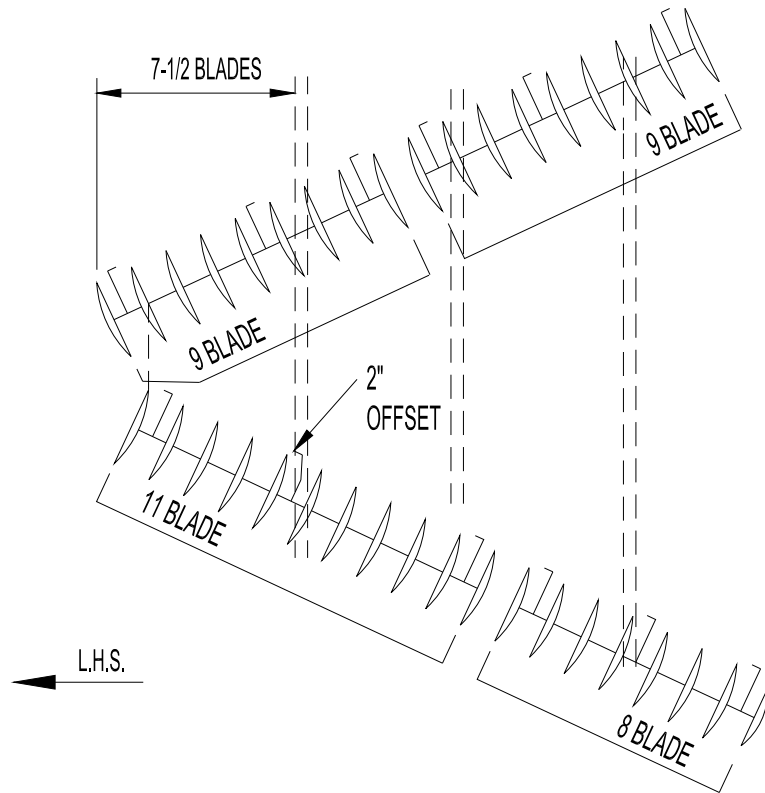
**APPROX. WIDTH
16 ft**



**GANG PATTERN
MODEL 1275W – 12" SPACING
37 BLADES/12 BEARINGS (T2-215)**

FRONT

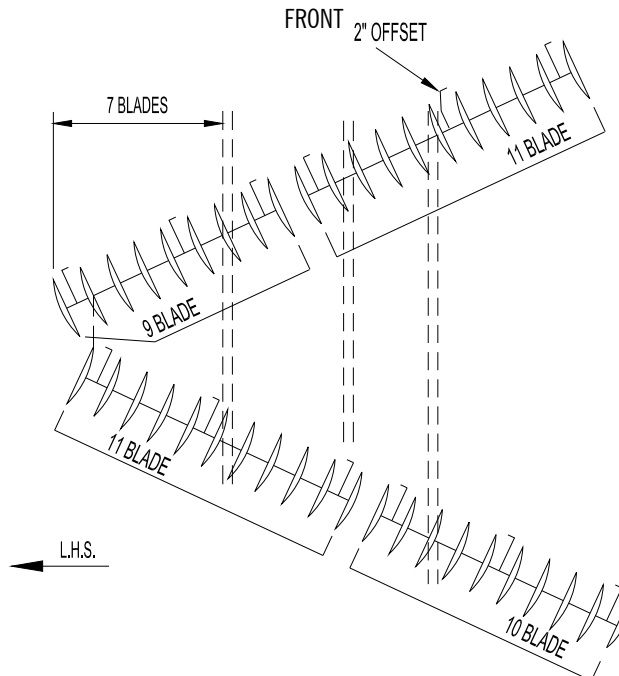
**APPROX. WIDTH
18 ft**



**GANG PATTERN
MODEL 1225N – 12" SPACING
41 BLADES/12 BEARINGS (T2-215)**

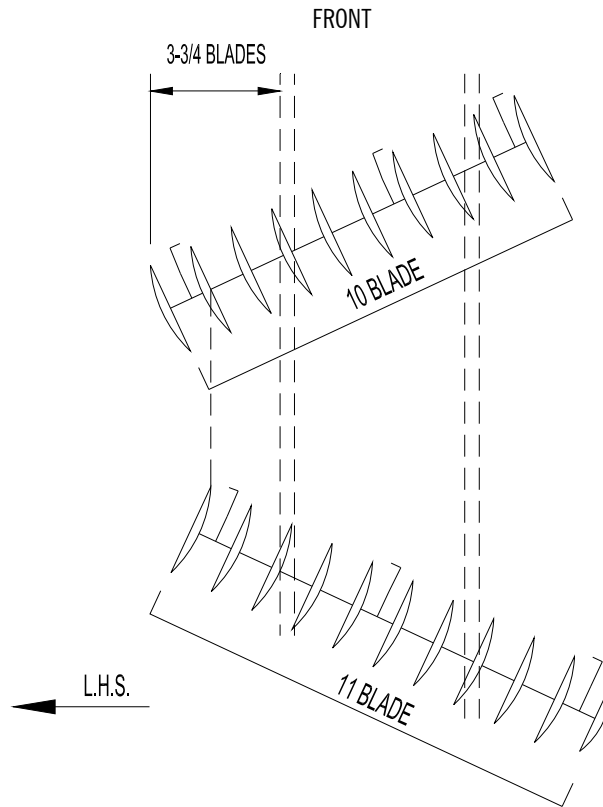
FRONT 2" OFFSET

**APPROX. WIDTH
20 ft**



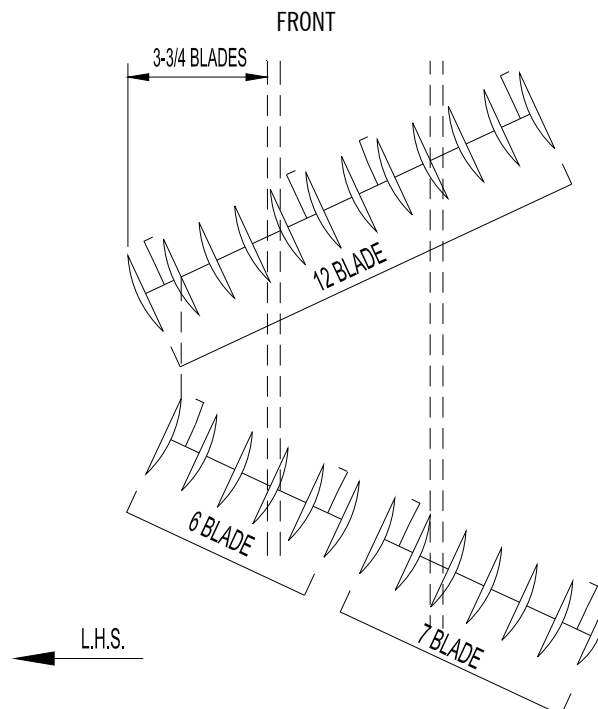
**GANG PATTERN
MODEL 1375M – 12" SPACING
21 BLADES/6 BEARINGS (T2-215)**

**APPROX. WIDTH
10 ft**



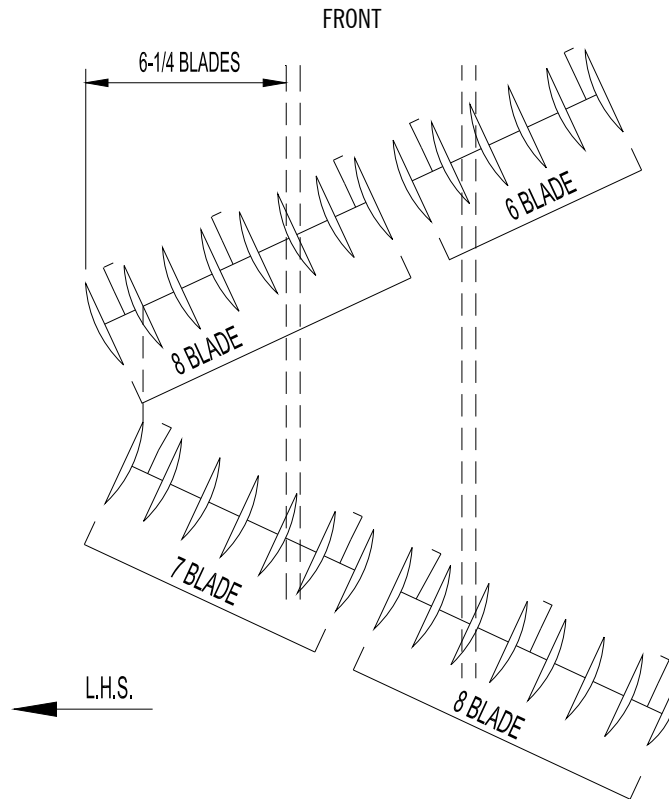
**GANG PATTERN
MODEL 1375M – 12" SPACING
25 BLADES/8 BEARINGS (T2-215)**

**APPROX. WIDTH
12 ft**



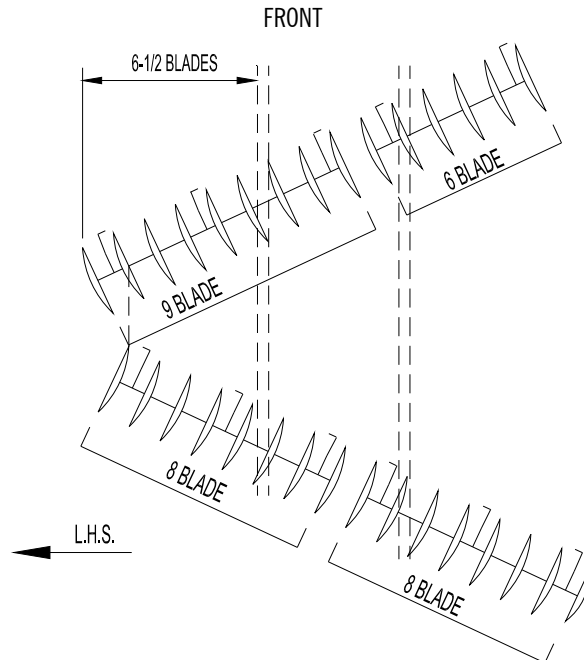
**GANG PATTERN
MODEL 1375M – 12" SPACING
29 BLADES/10 BEARINGS (T2-215)**

**APPROX. WIDTH
14 ft**



**GANG PATTERN
MODEL 1375M – 12" SPACING
31 BLADES/11 BEARINGS (T2-215)**

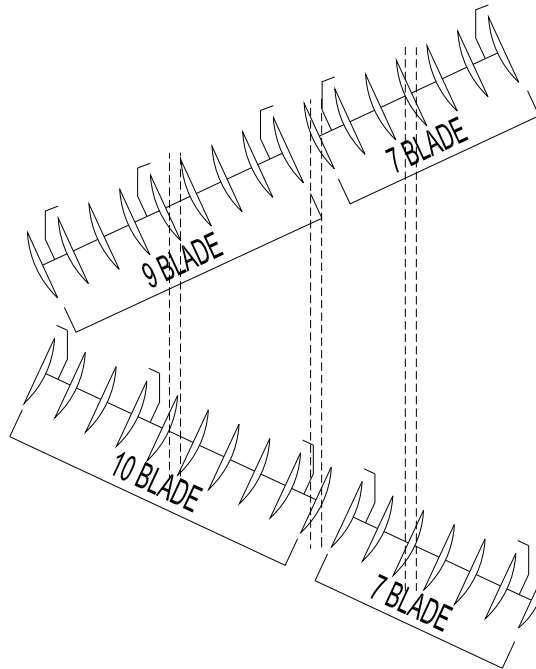
**APPROX. WIDTH
15 ft**



**GANG PATTERN
MODEL 1375W – 12" SPACING
33 BLADES/10 BEARINGS (T2-215)**

FRONT

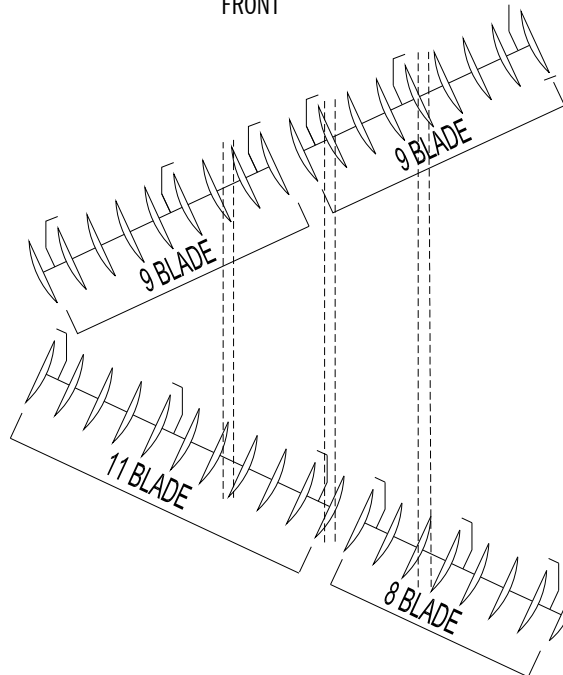
**APPROX. WIDTH
16 ft**



**GANG PATTERN
MODEL 1375W – 12" SPACING
37 BLADES/12 BEARINGS (T2-215)**

FRONT

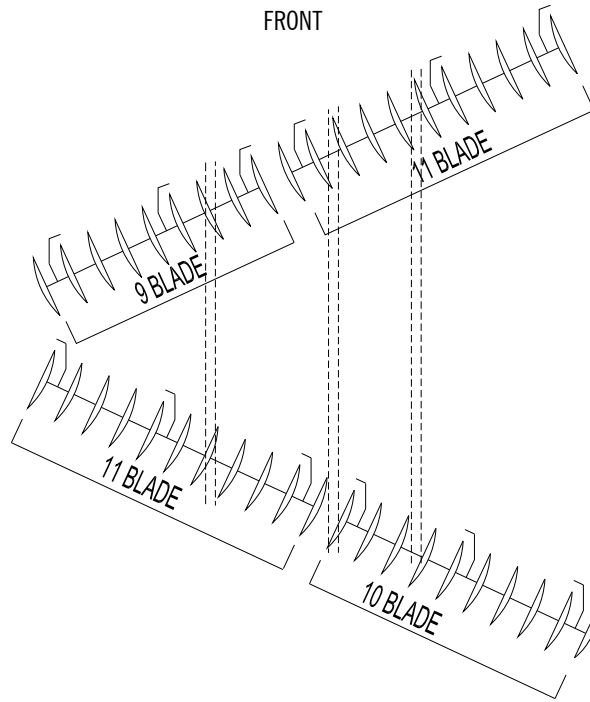
**APPROX. WIDTH
18 ft**



**GANG PATTERN
MODEL 1375W – 12" SPACING
41 BLADES/12 BEARINGS (T2-215)**

FRONT

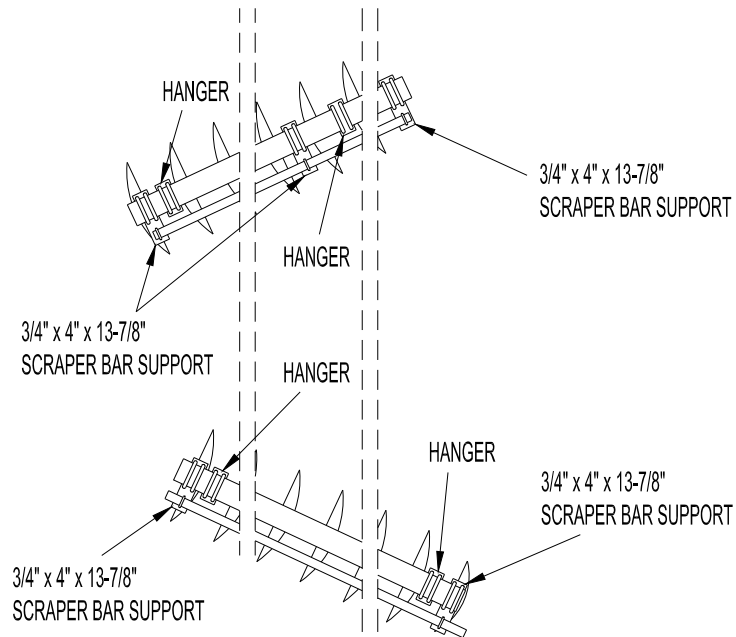
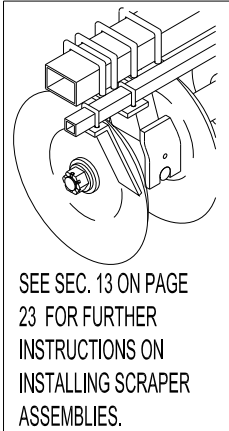
**APPROX. WIDTH
20 ft**



SCRAPER BAR SUPPORT PATTERN - MODEL 1275N

13 BLADE - 12" SPACING

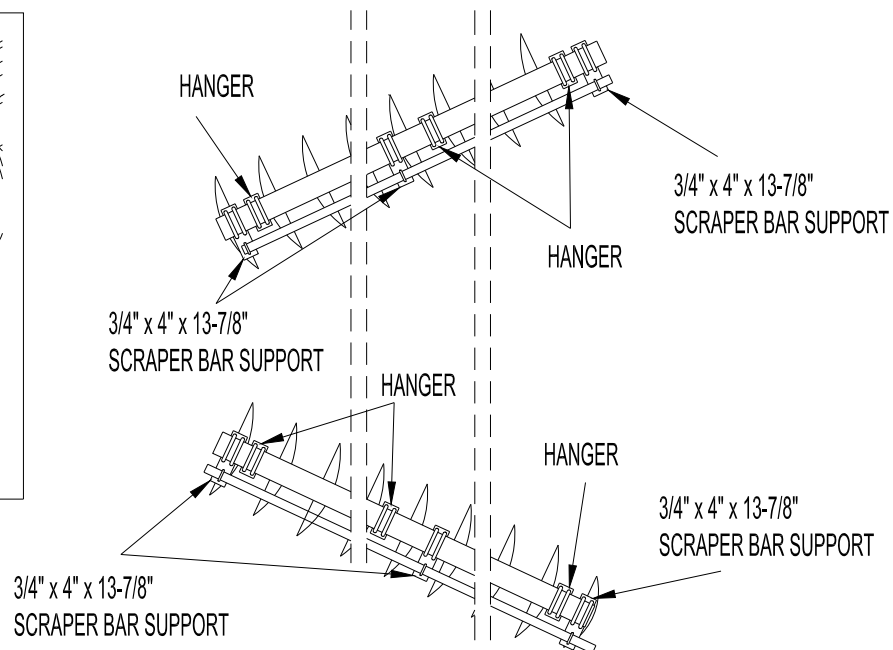
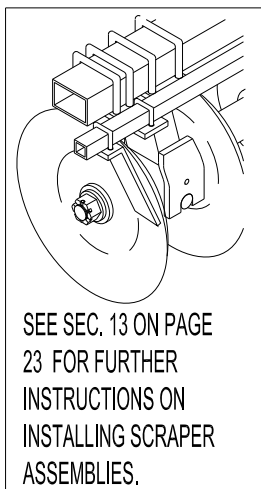
28 DIAMETER BLADES



SCRAPER BAR SUPPORT PATTERN - MODEL 1275N

17 BLADE - 12" SPACING

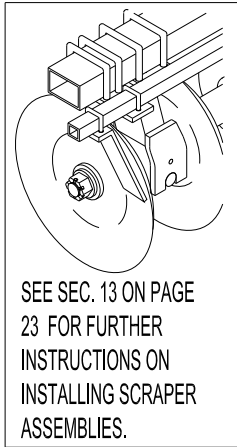
28 DIAMETER BLADES



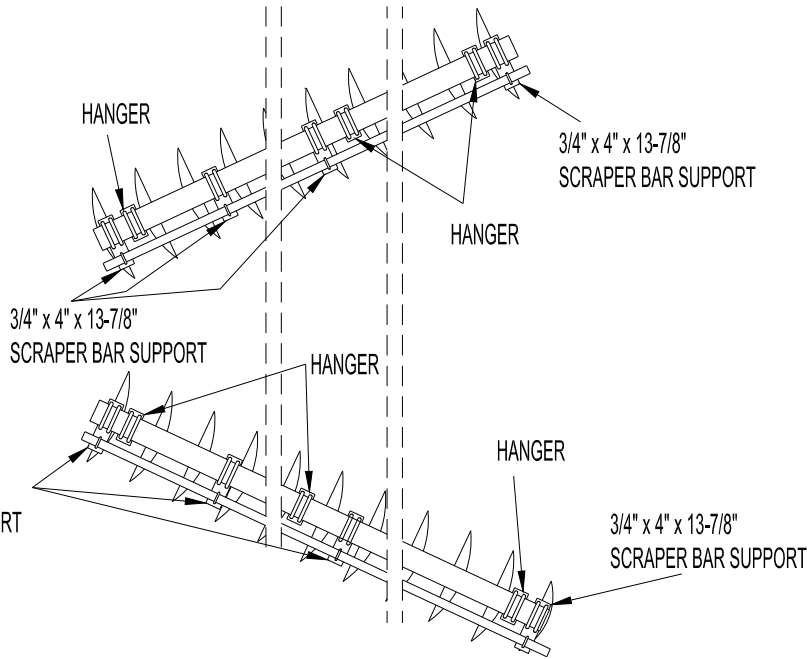
SCRAPER BAR SUPPORT PATTERN - MODEL 1275N

21 BLADE - 12" SPACING

28 DIAMETER BLADES



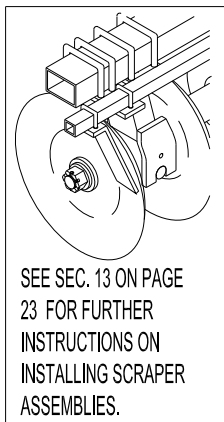
3/4" x 4" x 13-7/8"
SCRAPER BAR SUPPORT



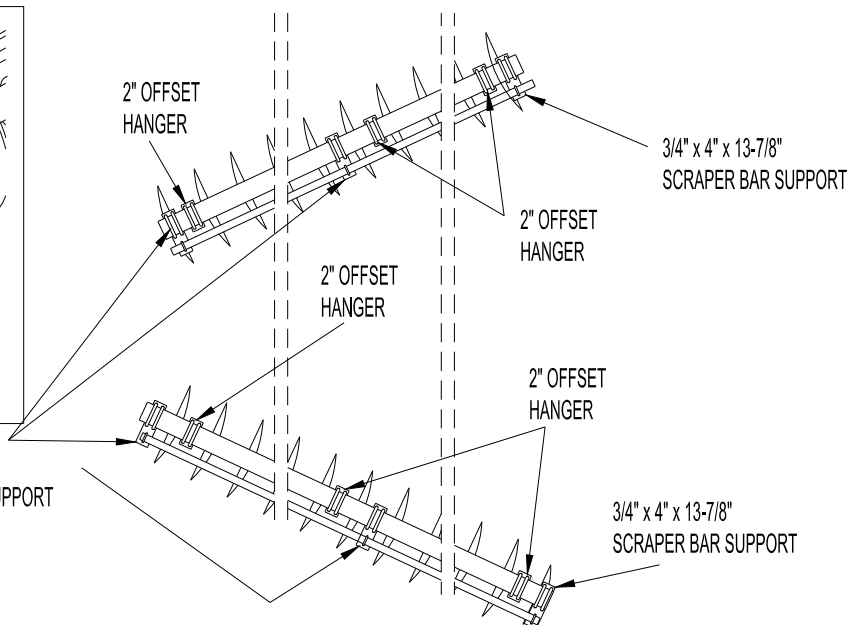
SCRAPER BAR SUPPORT PATTERN - MODEL 1275M & 1375M

21 BLADE - 12" SPACING

28 DIAMETER BLADES



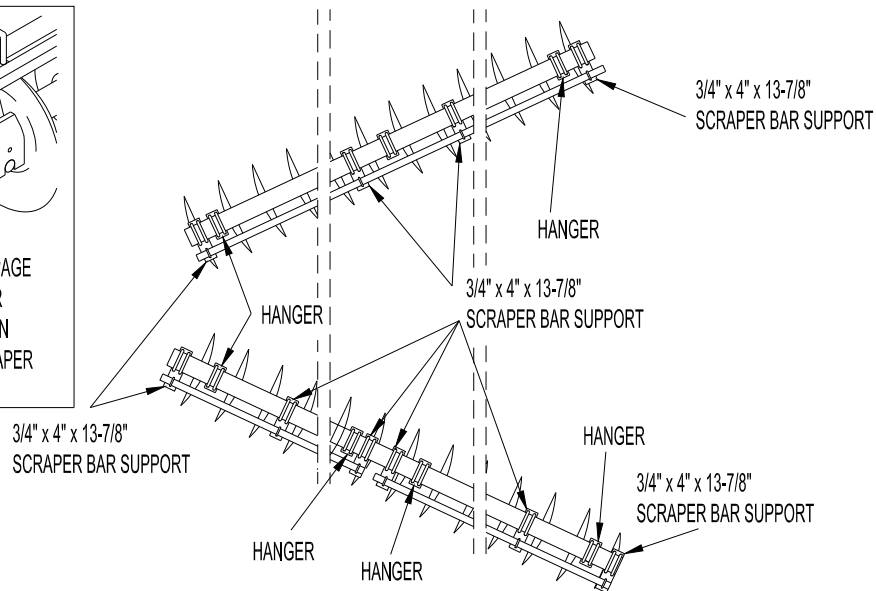
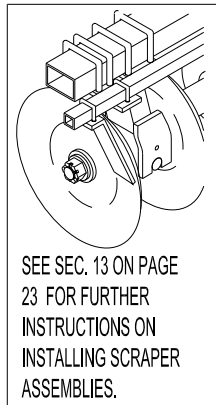
3/4" x 4" x 13-7/8"
SCRAPER BAR SUPPORT



SCRAPER BAR SUPPORT PATTERN - MODEL 1275M & 1375M

25 BLADE - 12" SPACING

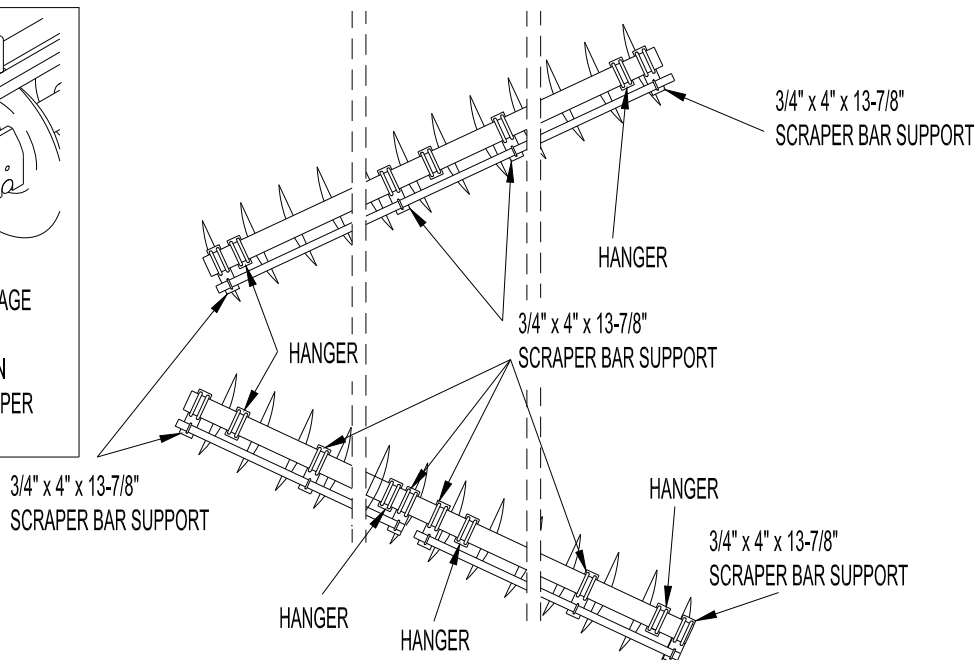
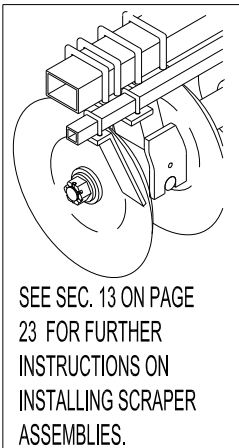
28 DIAMETER BLADES



SCRAPER BAR SUPPORT PATTERN - MODEL 1275M & 1375M

29 BLADE - 12" SPACING

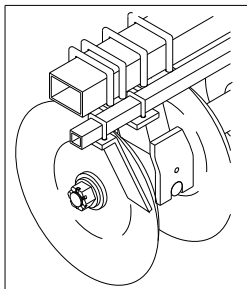
28 DIAMETER BLADES



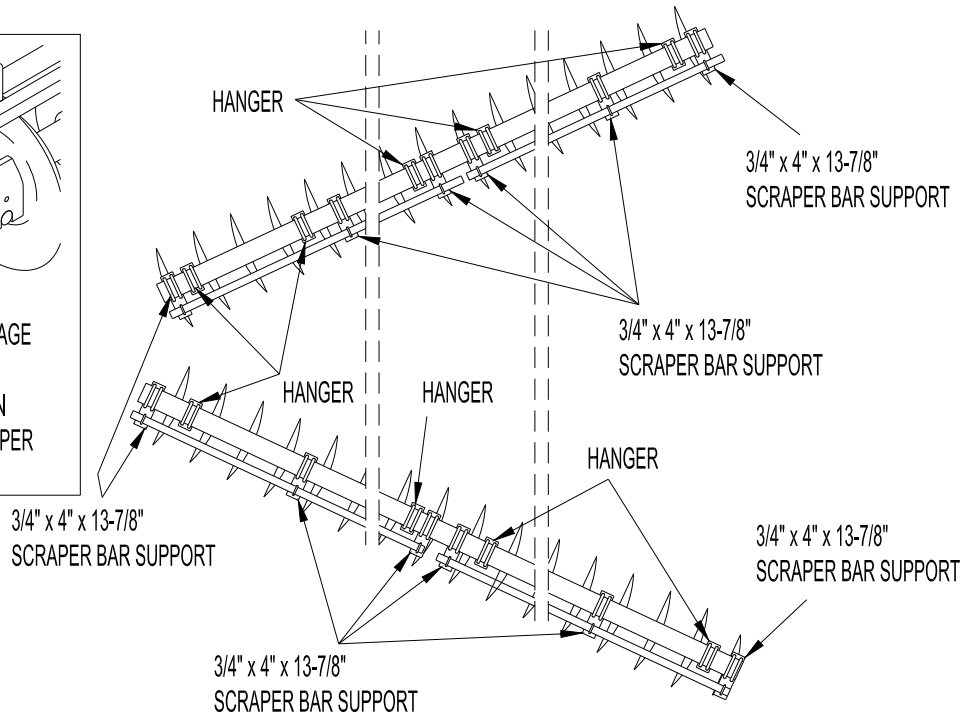
SCRAPER BAR SUPPORT PATTERN - MODEL 1275N

31 BLADE - 12" SPACING

28 DIAMETER BLADES



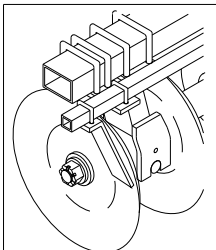
SEE SEC. 13 ON PAGE
23 FOR FURTHER
INSTRUCTIONS ON
INSTALLING SCRAPER
ASSEMBLIES.



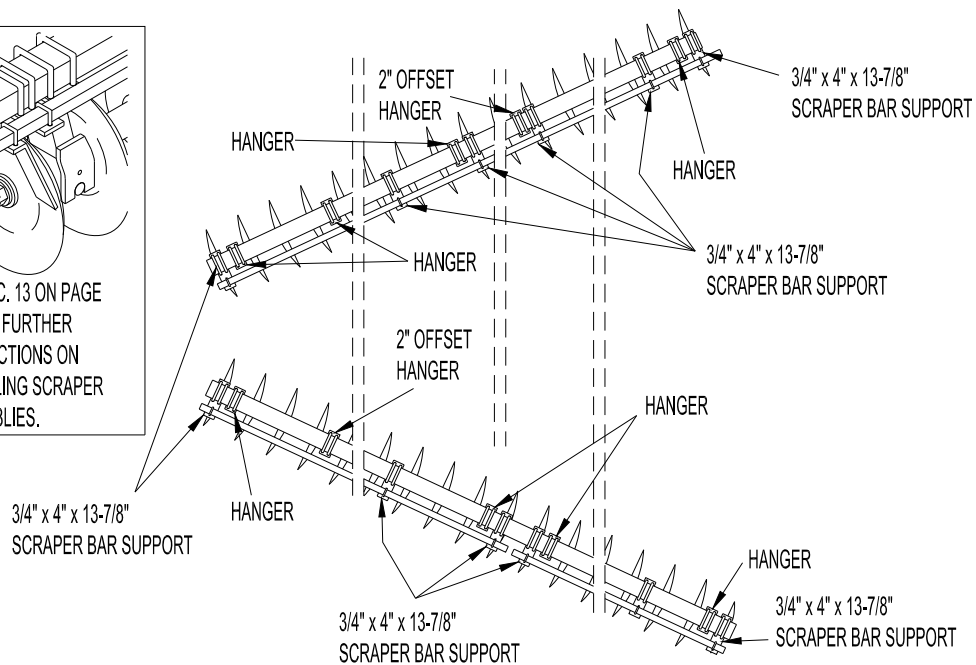
SCRAPER BAR SUPPORT PATTERN - MODEL 1275M & 1375M

33 BLADE - 12" SPACING

28 DIAMETER BLADES



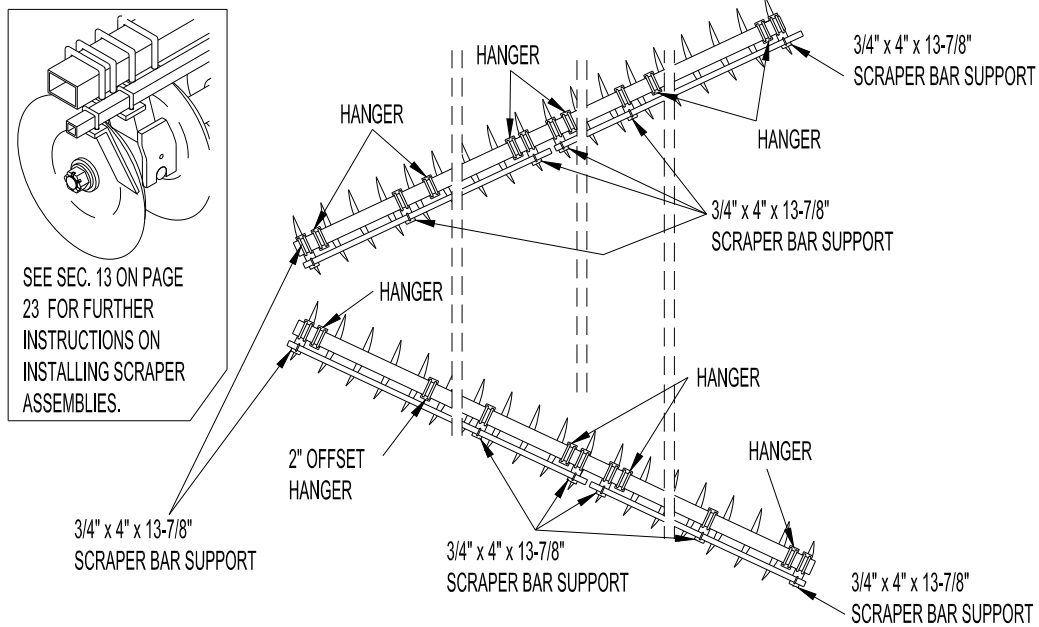
SEE SEC. 13 ON PAGE
23 FOR FURTHER
INSTRUCTIONS ON
INSTALLING SCRAPER
ASSEMBLIES.



SCRAPER BAR SUPPORT PATTERN - MODEL 1275W

37 BLADE - 12" SPACING

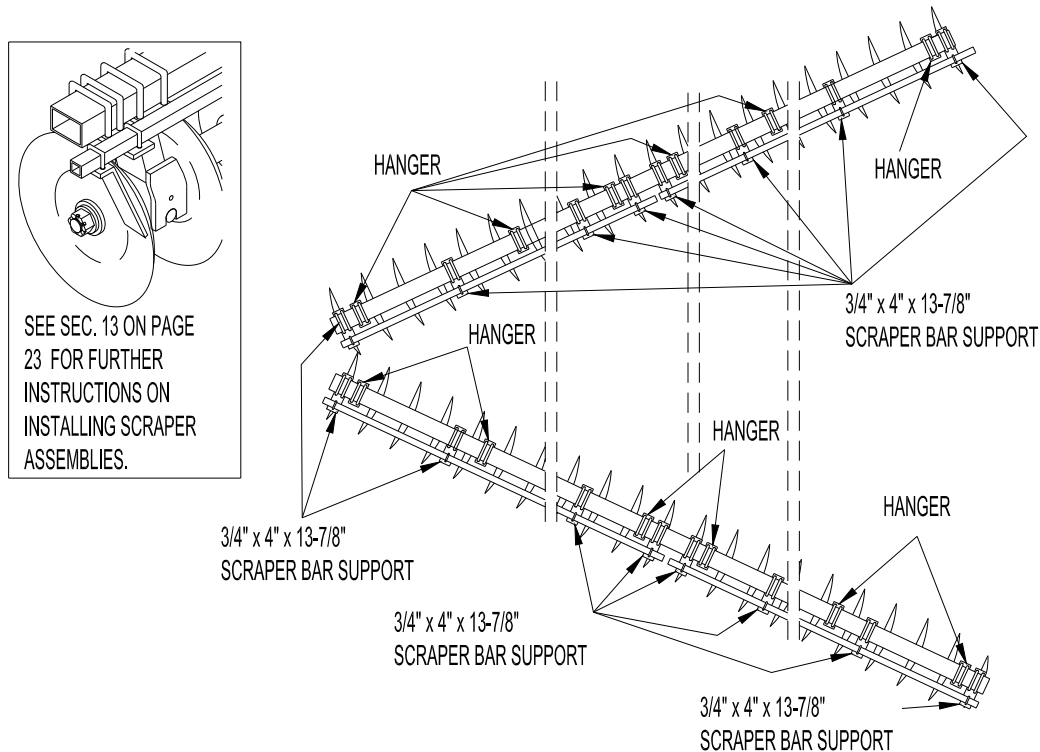
28 DIAMETER BLADES



SCRAPER BAR SUPPORT PATTERN - MODEL 1275W

41 BLADE - 12" SPACING

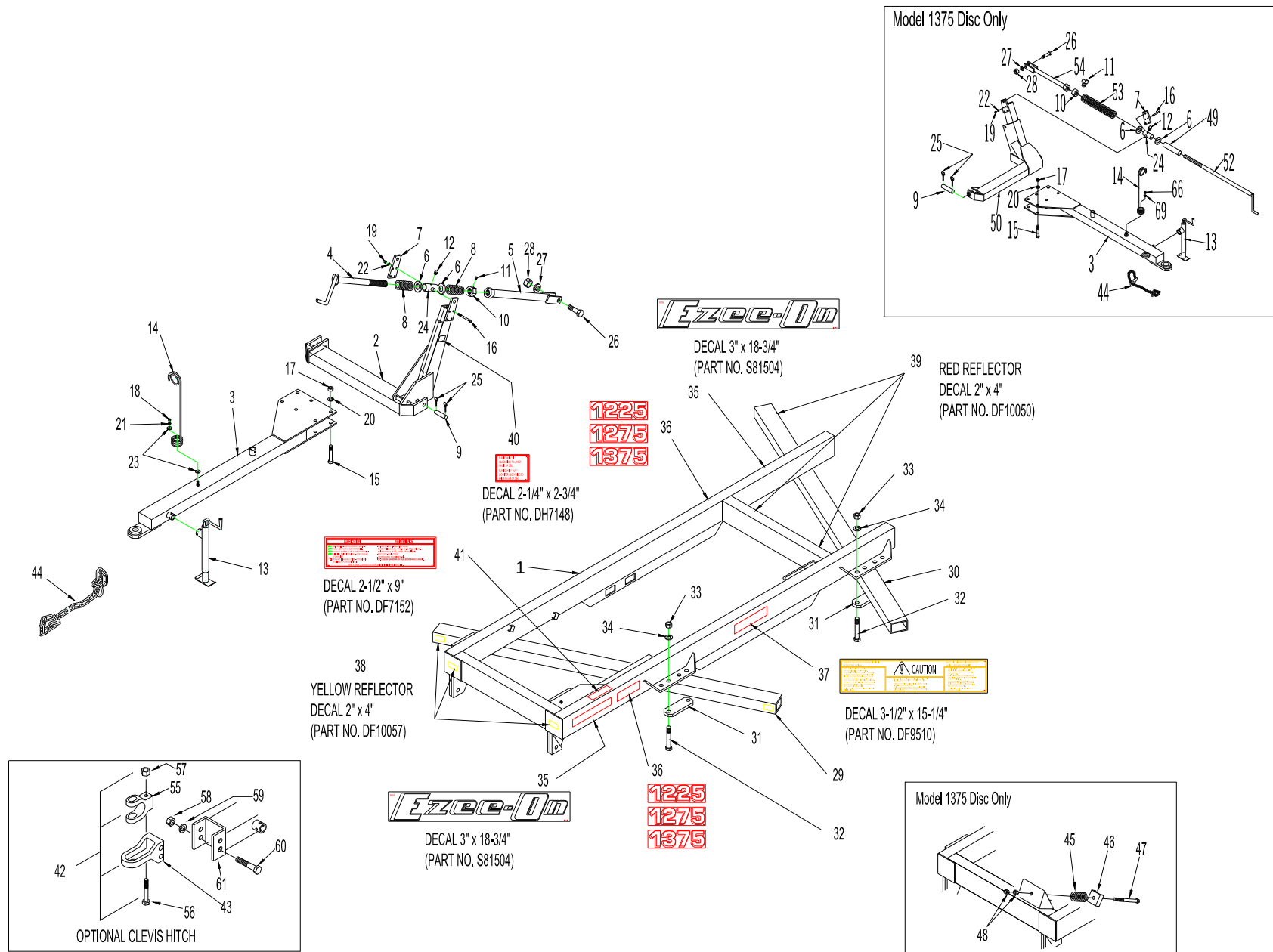
28 DIAMETER BLADES



PARTS LIST INDEX

MODEL 1225-1275-1375 DISC

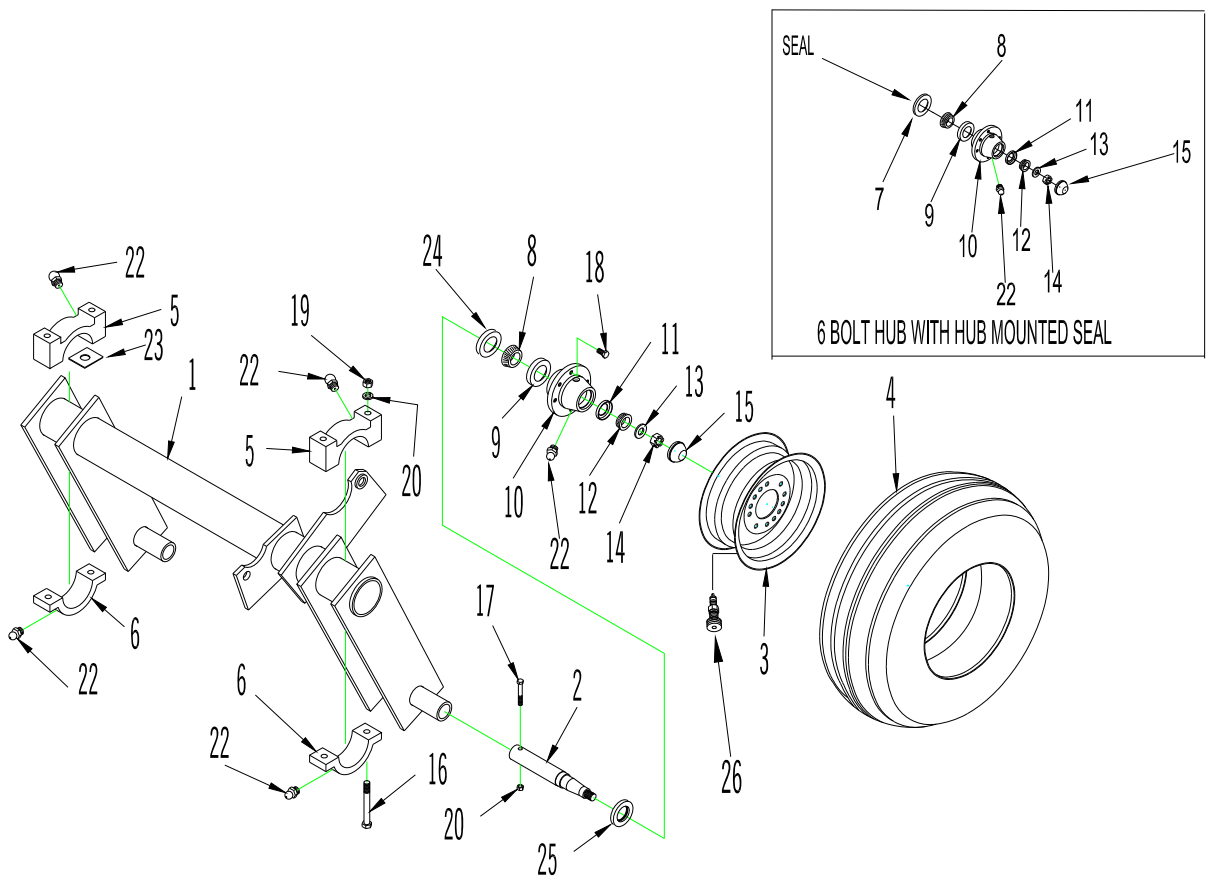
DESCRIPTION	PAGE
FRAME, HITCH AND LEVELING CRANK ASSEMBLY	58
ROCKSHAFT AND WHEEL ASSEMBLY	60
DISC GANGS ASSEMBLIES – SOLID HANGERS	61 – 67
STONE FLEX BEARING HANGERS	68 – 70
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FRAME, HITCH, AND LEVELLING CRANK ASSEMBLY MODEL 1225-1275-1375 DISCS

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D	REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DF7140	1225N Frame c/w Decals	1	30		REAR GANG BEAM 9" (229mm) SPACING	
	DF7141	1275N Frame c/w Decals	1		DBS72-6	72" (1829mm) Gang Beam (4" x 6") - 1225N (17 blade disc)	*
	DF7142	1225M Frame c/w Decals	1		DBS92-6	92" (2337mm) Gang Beam (4" x 6") - 1225N (21 blade disc)	*
	DF7143	1275M Frame c/w Decals	1		DBS110-6	110" (2794mm) Gang Beam (4" x 6") - 1225N (25 blade disc)	*
	DF7144	1225W Frame c/w Decals	1		DBS130-6	130" (3302mm) Gang Beam (4" x 6") - 1225M (29 blade disc)	*
	DF7145	1275W Frame c/w Decals	1		DBS147-6	147" (3734mm) Gang Beam (4" x 6") - 1225M (33 blade disc)	*
	DF7145	1375W Frame c/w Decals	1		DBS168-6	168" (4267mm) Gang Beam (4" x 6") - 1225M (37 blade disc)	*
2	DHA7146	Draw Bar 1225N, 1275N	1		DBS186-6	186" (4274mm) Gang Beam (4" x 6") - 1225M (41 blade disc)	*
	DHA7147	Draw Bar 1225M, 1275M, 1225W, and 1275W	1		DBS204-6	204" (5182mm) Gang Beam (4" x 6") - 1225W (45 blade disc)	*
3	DHA7224	Std. Tongue (all models)	1		DBS222-6	222" (5639mm) Gang Beam (4" x 6") - 1225W (49 blade disc)	*
	DHA7165	Tongue for bolt-on Cast Hitch - (optional)	1		DBS240-6	240" (6096mm) Gang Beam (4" x 6") - 1225W (53 blade disc)	*
4	DCA3	Levelling Crank	1			REAR GANG BEAM 10-1/2" (268mm) SPACING (T2-215 SERIES BEARING)	
5	DCAS181	Levelling Link	1		DBS77-6	77" (1956mm) Gang Beam (4" x 6") - 1225N (15 blade disc)	*
6	DC15	Thrust Bearing - Timken #T199	2		DBS96-6	96" (2438mm) Gang Beam (4" x 6") - 1225N (19 blade disc)	*
7	DHS146	Levelling Arm Lug	1		DBS118-6	118" (2997mm) Gang Beam (4" x 6") - 1225N (23 blade disc)	*
8	DH1	Compression Spring - Levelling Crank	2		DBS118-6	118" (2997mm) Gang Beam (4" x 6") - 1225M (23 blade disc)	*
9	DH7158	1-1/4" Dia. (31.7mm) Hitch Pln	2		DBS140-6	140" (3556mm) Gang Beam (4" x 6") - 1225M (27 blade disc)	*
10	DH5	2" N.C. (50.8mm) Heavy Nut - Drilled For Set Screw	1		DBS162-6	162" (4115mm) Gang Beam (4" x 6") - 1225M (31 blade disc)	*
11	B0500105	1/2" x 1" N.C. (12.7 x 25.4mm) Square Head Set Screw	1		DBS174-6	174" (4420mm) Gang Beam (4" x 6") - 1225M (33 blade disc)	*
12	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	1		DBS195-6	195" (4953mm) Gang Beam (4" x 6") - 1275M (37 blade disc)	*
13	DHB5170	Hitch Jack	1		DBS216-6	216" (5486mm) Gang Beam (4" x 6") - 1225W (41 blade disc)	*
14	DHA5161	Hose Support	1		DBS236-6	236" (5994mm) Gang Beam (4" x 6") - 1225W (45 blade disc)	*
15	B100060	1" x 6" N.C. (25.4 x 152mm) Hex. Bolt Gr. 5 (Plated)	6			REAR GANG BEAM 10-1/2" (268mm) SPACING (T2-215 SERIES BEARING)	
16	B050050	1/2" x 5" N.C. (12.7 x 127mm) Hex. Bolt Gr. 5 (Plated)	4		DBS92-6	92" (2337mm) Gang Beam (4" x 6") - 1275N (15 blade disc)	*
17	BN100	1" N.C. (25.4mm) Hex. Nut (Plated)	6		DBS108-6	108" (2743mm) Gang Beam (4" x 6") - 1275N (19 blade disc)	*
18	BN062	5/8" N.C. (15.7mm) Hex. Nut (Plated)	1		DBS130-6	130" (3302mm) Gang Beam (4" x 6") - 1275N (23 blade disc)	*
19	BN050	1/2" N.C. (12.7mm) Hex. Nut (Plated)	4		DBS130-6	130" (3302mm) Gang Beam (4" x 6") - 1275M (23 blade disc)	*
20	BW100L	1" (25.4mm) Lockwasher (Plated)	6		DBS152-6	152" (3861mm) Gang Beam (4" x 6") - 1275M (27 blade disc)	*
21	BW062L	5/8" (15.7mm) Lockwasher (Plated)	1		DBS174-6	174" (4420mm) Gang Beam (4" x 6") - 1275M (31 blade disc)	*
22	BW050L	1/2" (12.7mm) Lockwasher (Plated)	4		DBS186-6	186" (4724mm) Gang Beam (4" x 6") - 1275M (33 blade disc)	*
23	---	11/16" L.D. (17.3mm) Flatwasher	2		DBS204-6	204" (5182mm) Gang Beam (4" x 6") - 1275W (37 blade disc)	*
24	DCAS184	Bearing Tube - Levelling Crank	1		DBS228-6	228" (5791mm) Gang Beam (4" x 6") - 1275W (41 blade disc)	*
25	CS5076	7/16" (10.9mm) Lockwasher	4		DBS248-6	248" (6299mm) Gang Beam (4" x 6") - 1275W (45 blade disc)	*
26	DR5215	1-1/4" x 4-3/4" (31.7 x 120.6mm) N.C. Hex Bolt w/Special Thread Length	1			REAR GANG BEAM 12" (305mm) SPACING (T2-215 SERIES BEARING)	
27	BW125L	1-1/4" (31.7mm) Spacer Washer	1		DBS86-6	86" (2184mm) Gang Beam (4" x 6") - 1275N (13 blade disc)	*
28	BP25150	1-1/4" (31.7mm) N.C. Hex Nut	1		DBS110-6	110" (2794mm) Gang Beam (4" x 6") - 1275N (17 blade disc)	*
29		FRONT GANG BEAM 9" (229mm) SPACING	*		DBS135-6	135" (3429mm) Gang Beam (4" x 6") - 1275N (21 blade disc)	*
	DBS72-6	72" (1829mm) Gang Beam (4" x 6") - 1225N (17 blade disc)	*		DBS135-6	135" (3429mm) Gang Beam (4" x 6") - 1275M (23 blade disc)	*
	DBS84-6	84" (2134mm) Gang Beam (4" x 6") - 1225N (21 blade disc)	*		DBS159-6	159" (4039mm) Gang Beam (4" x 6") - 1275M (25 blade disc)	*
	DBS102-6	102" (2591mm) Gang Beam (4" x 6") - 1225N (25 blade disc)	*		DBS182-6	182" (4623mm) Gang Beam (4" x 6") - 1275M (29 blade disc)	*
	DBS126-6	126" (3200mm) Gang Beam (4" x 6") - 1225M (29 blade disc)	*		DBS195-6	195" (4953mm) Gang Beam (4" x 6") - 1275M (31 blade disc)	*
	DBS144-6	144" (3658mm) Gang Beam (4" x 6") - 1225M (33 blade disc)	*		DBS210-6	210" (5334mm) Gang Beam (4" x 6") - 1275W (37 blade disc)	*
	DBS162-6	162" (4115mm) Gang Beam (4" x 6") - 1225M (37 blade disc)	*		DBS232-6	232" (5893mm) Gang Beam (4" x 6") - 1275W (37 blade disc)	*
	DBS180-6	180" (4572mm) Gang Beam (4" x 6") - 1225W (41 blade disc)	*		DBS258-6	258" (6553mm) Gang Beam (4" x 6") - 1275W (41 blade disc)	*
	DBS198-6	198" (5029mm) Gang Beam (4" x 6") - 1225W (45 blade disc)	*		DBS133-6	133" (3378mm) Gang Beam (4" x 6") - 1375M (21 blade disc)	*
	DBS216-6	216" (5486mm) Gang Beam (4" x 6") - 1225 W (49 blade disc)	*		DBS159-6	159" (4039mm) Gang Beam (4" x 6") - 1375M (25 blade disc)	*
	DBS234-6	234" (5944mm) Gang Beam (4" x 6") - 1225 W (53 blade disc)	*		DBS183-6	183" (4648mm) Gang Beam (4" x 6") - 1375M (29 blade disc)	*
		FRONT GANG BEAM 10-1/2" (267mm) SPACING (214 OR 410 SERIES BEARING)	*		DBS195-6	195" (4953mm) Gang Beam (4" x 6") - 1375M (31 blade disc)	*
	DBS72-6	72" (1829mm) Gang Beam (4" x 6") - 1225N (15 blade disc)	*	31	DG7162	Gang Beam Clamp Plate - 1" x 4" x 11-3/8" (25.4 x 102 x 289mm)	4
	DBS90-6	90" (2286) Gang Beam (4" x 6") - 1225N (19 blade disc)	*	32	B125075	1-1/4" x 7-1/2" N.C. (31.7 x 190.5mm) Hex Bolt Gr. 5 (Plated)	8
	DBS108-6	108" (2743mm) Gang Beam (4" x 6") - 1225N (23 blade disc)	*	33	BN125	1-1/4" N.C. (31.7mm) Hex Nut (Plated)	8
	DBS108-6	108" (2743mm) Gang Beam (4" x 6") - 1225M (23 blade disc)	*	34	---	2-1/8" O.D. x 1-5/16" I.D. x 1/4 Flatwasher -- (53.8 x 33.2 x 6.35mm)	8
	DBS138-6	138" (3505mm) Gang Beam (4" x 6") - 1225N (27 blade disc)	*	35	S81504	Ezee-On Decal - 3" x 18-3/4" -- (76 x 476mm)	2
	DBS150-6	150" (3810mm) Gang Beam (4" x 6") - 1225M (31 blade disc)	*				
	DBS162-6	162" (4115mm) Gang Beam (4" x 6") - 1225M (33 blade disc)	*	36	DF7149	1225 Decal - 3-1/4" x 10-1/4" -- (82.5 x 260.4mm)	2
	DBS186-6	186" (4724mm) Gang Beam (4" x 6") - 1225M (37 blade disc)	*		DF7150	1275 Decal - 3-1/4" x 10-1/4" -- (82.5 x 260.4mm)	2
	DBS210-6	210" (5334mm) Gang Beam (4" x 6") - 1225M (41 blade disc)	*		DF7151	1375 Decal - 3-1/4" x 10-1/4" -- (82.5 x 260.4mm)	2
	DBS228-6	228" (5791mm) Gang Beam (4" x 6") - 1225M (45 blade disc)	*				
		FRONT GANG BEAM 10-1/2" (267mm) SPACING (T2-215 SERIES BEARING)	*	37	DF9510	Caution Decal - 3-1/2" x 15-1/4" -- (88.9 x 387mm)	1
	DBS80-6	80" (2032mm) Gang Beam (4" x 6") - 1275N (15 blade disc)	*	38	DF10057	Yellow Reflector - 2" x 4" -- (50.8 x 101.6mm)	4
	DBS98-6	98" (2489mm) Gang Beam (4" x 6") - 1275N (19 blade disc)	*	39	DF10050	Red Reflector - 2" x 4" -- (50.8 x 101.6mm)	4
	DBS120-6	120" (3048mm) Gang Beam (4" x 6") - 1275N (23 blade disc)	*	40	DH7148	Crank Decal - 2-1/4" x 2-3/4" -- (57.2 x 69.8mm)	1
	DBS120-6	120" (3048mm) Gang Beam (4" x 6") - 1275M (23 blade disc)	*	41	DF7152	Maintenance Decal - 2-1/2" x 9" -- (63.5 x 229mm)	1
	DBS141-6	141" (3581mm) Gang Beam (4" x 6") - 1275M (27 blade disc)	*	42	DH7164	Cast Hitch and Clevis Hitch c/w bolt and nut (optional)	1
	DBS162-6	162" (4115mm) Gang Beam (4" x 6") - 1275M (31 blade disc)	*	43	DH7163	Cast Hitch Tongue - (optional)	1
	DBS174-6	174" (4420mm) Gang Beam (4" x 6") - 1275M (33 blade disc)	*	44	D13090	20200 lb Safety Chain (optional)	1
	DBS195-6	195" (4953mm) Gang Beam (4" x 6") - 1275W (37 blade disc)	*	45	DC9615	11" Long (279mm) Cushion Spring - (Model 1375 Only)	2
	DBS216-6	216" (5486mm) Gang Beam (4" x 6") - 1275W (41 blade disc)	*	46	DF10046	Cushion Pad - (Model 1375 Only)	1
	DBS240-6	240" (6096mm) Gang Beam (4" x 6") - 1275W (45 blade disc)	*	47	B100140	1" x 14" N.C. (25.4 x 356mm) Hex Bolt - (Model 1375 Only)	1
		FRONT GANG BEAM 12" (305mm) SPACING (T2-215 SERIES BEARING)	*	48	DF9510	1" N.C. (25.4mm) Hex Bolt - (Model 1375 Only)	24
	DBS72-6	72" (1829mm) Gang Beam (4" x 6") - 1275N (13 blade disc)	*				
	DBS98-6	98" (2489mm) Gang Beam (4" x 6") - 1275N (17 blade disc)	*	49	DC13098	11" (279mm) Levelling Crank Spacer	1
	DBS121-6	121" (3073mm) Gang Beam (4" x 6") - 1275N (21 blade disc)	*	50	DHA12016	Hitch Draw Bar -- (Model 1375 Only)	1
	DBS121-6	121" (3073mm) Gang Beam (4" x 6") - 1275M (21 blade disc)	*	51	DCA9970	Crank -- 50" (1270mm) Long -- (Model 1375 Only)	1
	DBS150-6	150" (3810mm) Gang Beam (4" x 6") - 1275M (25 blade disc)	*	52	DC13098	Spacer Tube - 11" Lg. (279mm) -- (Model 1375 Only)	1
	DBS171-6	171" (4343mm) Gang Beam (4" x 6") - 1275M (29 blade disc)	*	53	DC9618	22" (559mm) Spring -- (Model 1375 Only)	1
	DBS184-6	184" (4674mm) Gang Beam (4" x 6") - 1275M (31 blade disc)	*	54	DCA8577	Levelling Link -- 21" (533mm) -- (Model 1375 Only)	1
	DBS195-6	195" (4953mm) Gang Beam (4" x 6") - 1275W (33 blade disc)	*	55	DH7164	Cast Clevis -- (Optional)	1
	DBS219-6	219" (5563mm) Gang Beam (4" x 6") - 1275W (37 blade disc)	*	56	B075050-8	3/4" x 5" N.C. Hex Bolt -- Grade 8	1
	DBS246-6	246" (6248mm) Gang Beam (4" x 6") - 1275W (41 blade disc)	*	57	BN075-SL	3/4" N.C. Hex Steel Locknut	1
	DBS124-6	124" (3150mm) Gang Beam (4" x 6") - 1375M (21 blade disc)	*	58	BN100	1" N.C. Hex Nut	1
	DBS145-6	145" (3683mm) Gang Beam (4" x 6") - 1375M (25 blade disc)	*	59	BW100L	1" Lockwasher	2
	DBS171-6	171" (4343mm) Gang Beam (4" x 6") - 1375M (29 blade disc)	*	60	B100055	1" x 5-1/2" N.C. Hex Bolt	2
	DBS183-6	183" (4648mm) Gang Beam (4" x 6") - 1375M (31 blade disc)	*	61	DH7166	Hitch Bracket -- (weld-on)	1

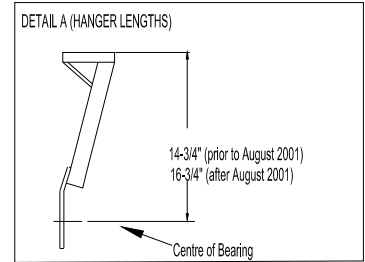
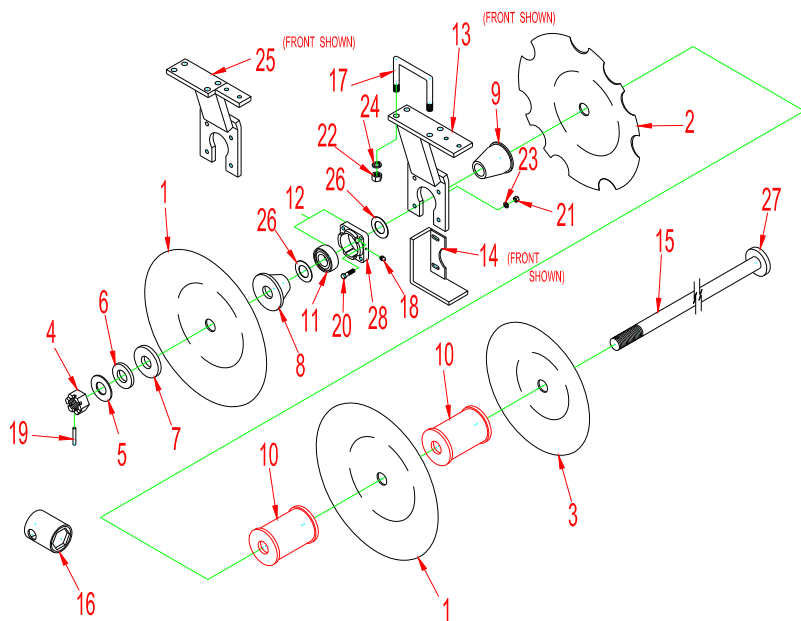
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ROCKSHAFT AND WHEEL ASSEMBLY MODEL 1225-1275-1375 DISCS

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DR7153 DR7154 DR7155	Rockshaft 1225N, 1275N Rockshaft 1225M, 1275M, 1375M Rockshaft 1225W, 1275W	1 1 1
2	DR7156	618 Spindle- 14-1/2" (368mm)	*
3	DR5261	15" x 8" - (381 x 203mm) 6 Bolt Rim	*
4	IIL15FIC IIL15FID IIL15FIF	11L x 15- 6 PR Tubeless Tire 11L x 15- 8PR Tubeless Tire 11L x 15- 12 PR Tubeless Tire	* * *
5	DR860IT	Rockshaft Bearing - Bottom Half	2
6	DR8601B	Rockshaft Bearing - Top Half	2
7	DR122	Grease Seal	*
8	DR120	Cone Bearing - #LM25580	*
9	DR118	Cup - #LM25520	*
10	DRA9	618 Hub Complete c/w Cups	*
11	DR92	Cup - #LM48510	*
12	DR91	Cone Bearing - #LM48548	*
13	BW20010614F	2" O.D. x 1-1/16" I.D. x .140 (50.8 x 26.9 x 3.6mm) Flatwasher	*
14	DR110	1" N.F. (25.4mm) Slotted Hex. Nut	*
15	DR123	Hub Cap	*
16	B075065	3/4" x 6-1/2" N.C. (19.0 x 165mm) Hex. Bolt Gr. 5 (Plated)	4
17	B050035	1/2" x 3-1/2" N.C. (12.7 x 88.9mm) Hex. Bolt (Plated)	2
18	DR125	9/16" N.F. x 1-1/8" (14.2 x 28.4mm) Wheel Bolt	*
19	BN075	3/4" N.C. (19.0mm) Hex. Nut (Plated)	*
20	BN050L	1/2" N.C. (12.7mm) Nylon Locknut (Plated)	2
21	BW075L	3/4" (19.0mm) Lockwasher (Plated)	4
22	10GNI	1/4" (6.35mm) - 28" Grease Fitting	*
23	C50692	2" x 3" (50.8 x 76.2mm) Shim	*
24	DR13191	Seal Cup - Spindle Mount Type	*
25	DR13190	Grease Seal - Spindle Mount Type	*
26	C60154	Valve Stem - Metal	*

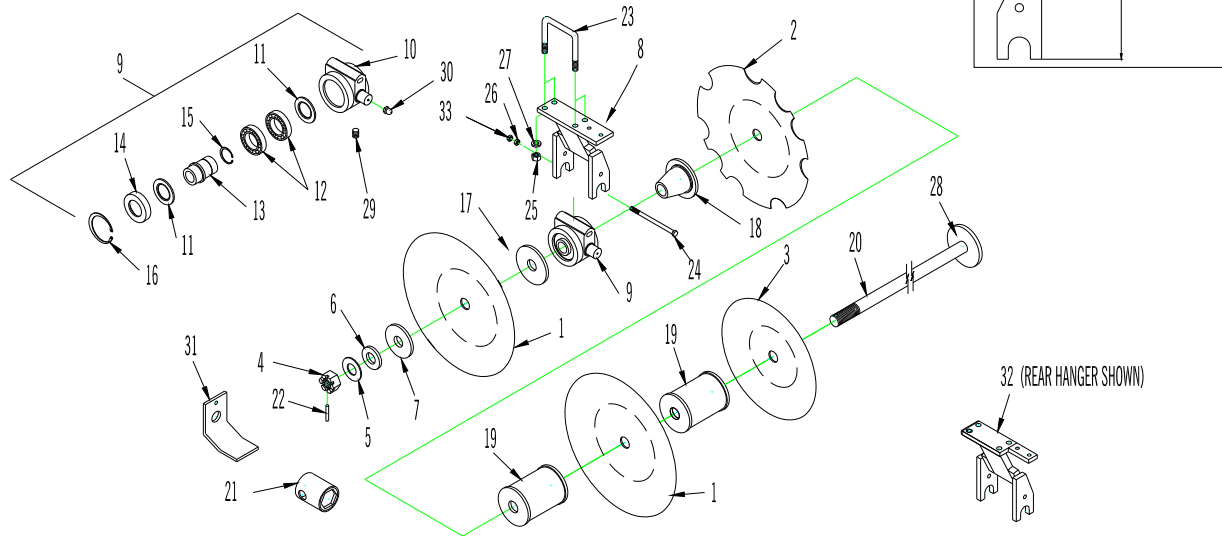
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MODEL 1225 DISC GANG with 214 & 410 SERIES BEARING ASSEMBLY
(used w/Hanger Mounted Scraper Bar – prior to S/N 51462)

REF. NO.	PART NO.	DESCRIPTION	QTY REQ'D	REF. NO.	PART NO.	DESCRIPTION	QTY REQ'D
1	DG137	24" x 5/16" (610mm x 8mm) plain blade	*	14	DGA40	Front L.H., Rear R.H. Bearing Guard – 410 Series Bearing	*
2	DG79	24" x 9/32" (610mm x 7mm) notched blade	*		DGA39	Front R.H., Rear L.H. Bearing Guard – 410 Series Bearing	*
	DG138	24" x 5/16" (610mm x 8mm) notched blade	*	15		Gang Bolt for 9" Spacing	*
	DG75	26" x 5/16" (660mm x 8mm) notched blade	*		DGA67	7 blade - 62-3/4" (1594mm) long	*
	DG87	26" x 3/8" (660mm x 9mm) notched blade	*		DGA68	8 blade - 72" (1829mm) long	*
	DG159	26" x 3/8" (660mm x 9mm) notched cone blade	*		DGA69	9 blade - 81" (2057mm) long	*
3	DG149	20" x .236" (508mm x 6mm) plain outrigger blade	*		DGA70	10 blade - 90-1/2" (2299mm) long	*
	DG64	22" x .236" (559mm x 6mm) plain outrigger blade	*		DGA71	11 blade - 99-3/4" (2534mm) long	*
	DG76	24" x .275" (610mm x 7mm) plain outrigger blade	*		DGA72	12 blade - 109" (2769mm) long	*
4	DG82	2" N.C. (50.8mm) Heavy hex slotted nut	*		DGA73	13 blade - 118-1/2" (3010mm) long	*
5	DG89	1/4" (6.35mm) shim washer	*		DGA74	14 blade - 128-1/2" (3264mm) long	*
6	DG88	1/2" (12.7mm) shim washer	*		DGA129	15 blade - 136-3/4" (3473mm) long	*
7	DG78	5-1/2" O.D. x 2" I.D. x 5/8" (138mm x 50.8mm x 15.7mm) head washer – (used prior to 2003)	*			Gang Bolt for 10-1/2" Spacing - includes washer	*
	DG13185	5-1/2" O.D. x 2" I.D. x 3/4" (138mm x 50.8mm x 19.0mm) head washer – used w/24" blades – (used 2003 and later)	*		DGA76	6 blade - 61" (1549mm) long	*
	DG13184	6" O.D. x 2" I.D. x 1" (152mm x 50.8mm x 25.4mm) head washer – used w/26" blades – (used 2003 and later)	*		DGA77	7 blade - 71-1/2" (1816mm) long	*
8	DGA106**	9" & 10-1/2" (230 & 267mm) Spacing Short Half Spool for 410 Series Bearings. – 3-1/4" (83mm) Long - concave side w/6" washer	*		DGA78	8 blade - 82-1/4" (2089mm) long	*
9	DGA103	9" (230mm) Spacing Long Half Spool for E2410N Bearings - 4-3/16" (106mm) Long - concave side	*		DGA79	9 blade - 93" (2362mm) long	*
	DGA136	9" (230mm) Spacing Long Half Spool for 410WSS Bearings – 3-11/16" (93mm) Long - concave side	*		DGA80	10 blade - 104" (2642mm) long	*
	DGA105	10-1/2" (267mm) Spacing Long Half Spool for E2410N Bearings - 5-11/16" (144mm) Long - concave side	*		DGA81	11 blade - 114-3/4" (2915mm) long	*
	DGA131	10-1/2" (267mm) Spacing Long Half Spool for 410WSS Bearings - 5-1/4" (133mm) Long - concave side	*		DGA82	12 blade - 125-3/4" (3194mm) long	*
10	DGA100	9" (230mm) Spacing Full Spool - 6" (152mm) diameter both ends	*		DGA83	13 blade - 136-1/2" (3467mm) long	*
	DGA101	10-1/2" (267mm) Spacing Full Spool - 6" (152mm) diameter both ends	*		DGA84	14 blade - 147-1/2" (3747mm) long	*
11	DG38	214 Series Greaseable Bearing – (1-9/16" Lg inner race)	*	16	DGA35	Socket Wrench	*
	DG5364	E2410N Series Greaseable Bearing – (1-9/16" Lg inner race)	*	17	DG5379	7/8" x 6" x 5-7/8" (22 x 152 x 149mm) long U-bolt - standard hanger	*
	DG108	410WSS Series Greaseable Bearing – 2-1/16" (52mm) long inner race	*	18	10GN1	1/4" (6.35mm) - 28 Grease fitting	2
12	DGB5335	214 Bearing c/w Housing and Grease Fitting – (1-9/16" Lg inner race)	*	19	DG10310	7/16" x 3" (10.9 x 76.2mm) lock pin	*
	DGB5363	E2410N Series Greaseable Bearing and Housing – (1-9/16" Lg inner race)	*	20	B062022	5/8" x 2-1/4" N.C. (15.7 x 57.2mm) Hex Bolt	*
	DGB109	410WSS Series Greaseable Bearing c/w Housing and Grease Fitting – (2-1/16" Lg inner race)	*		BP62025	5/8" x 2-1/2" N.C. (15.7 x 63.5mm) Hex Bolt – used with bearing guard	*
13	DGA5318	Front L.H., Rear R.H. straight bearing hanger - 410 series bearing – 14-3/4" (375mm) top to centre of bearing – used prior to Aug. 2001 – see Detail A above	*	21	BN062	5/8" N.C. (15.7mm) Hex Nut	*
	DGA5319	Front R.H., Rear L.H. straight bearing hanger - 410 series bearing – 14-3/4" (375mm) top to centre of bearing – used prior to Aug. 2001 – see Detail A above	*	22	BN087	7/8" N.C. (22.2mm) Hex Nut	*
	DGA13150	Front L.H., Rear R.H. straight bearing hanger - 410 series bearing – 16-3/4" (425mm) top to centre of bearing – used after Aug. 2001 – see Detail A above	*	23	BW062L	5/8" (15.7mm) Lockwasher	*
	DGA13151	Front R.H., Rear L.H. straight bearing hanger - 410 series bearing – 16-3/4" (425mm) top to centre of bearing – used after Aug. 2001 – see Detail A above	*	24	BW087L	7/8" (22.2mm) Lockwasher	*
				25	DGA5322	Front L.H., Rear R.H. 2" (50.8mm) offset bearing hanger - 410 series bearing – 14-3/4" (375mm) top to centre of bearing – used prior to Aug. 2001 – see Detail A above	*
					DGA5323	Front R.H., Rear L.H. 2" (50.8mm) offset bearing hanger - 410 series bearing – 14-3/4" (375mm) top to centre of bearing – used prior to Aug. 2001 – see Detail A above	*
					DGA13152	Front L.H., Rear R.H. 2" (50.8mm) offset bearing hanger - 410 series bearing – 16-3/4" (425mm) top to centre of bearing – used after Aug. 2001 – see Detail A above	*
					DGA13153	Front R.H., Rear L.H. 2" (50.8mm) offset bearing hanger - 410 series bearing – 16-3/4" (425mm) top to centre of bearing – used after Aug. 2001 – see Detail A above	*
				26	DG237	3-1/2" O.D. x 2" I.D. x 1/16" (114mm x 50.8mm x 1.6mm) Bearing Shield – (used with 214 and E2410N bearings only)	*
				27	DGA5370	5-1/2" (139.7mm) Gang Washer – weld-on	*
				28	DG96	Housing – 214 & 410 Bearing	*

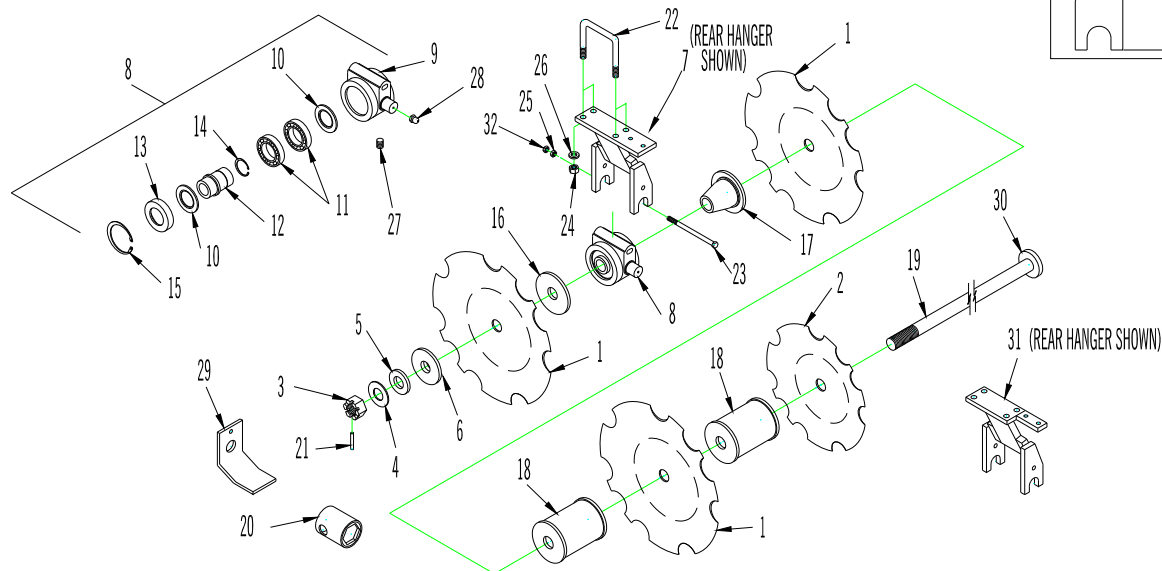
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MODEL 1225 DISC GANG (WITH STANDARD HANGERS FOR T2-215 BEARINGS) – 9", 10-1/2", & 12" (230, 267 & 305mm) SPACING
(used w/Hanger Mounted Scraper Bar – prior to S/N 51462)

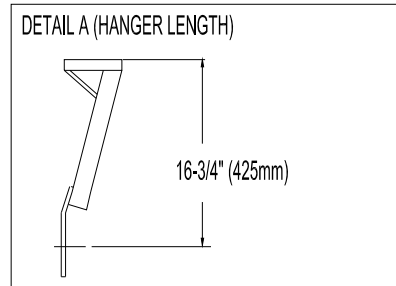
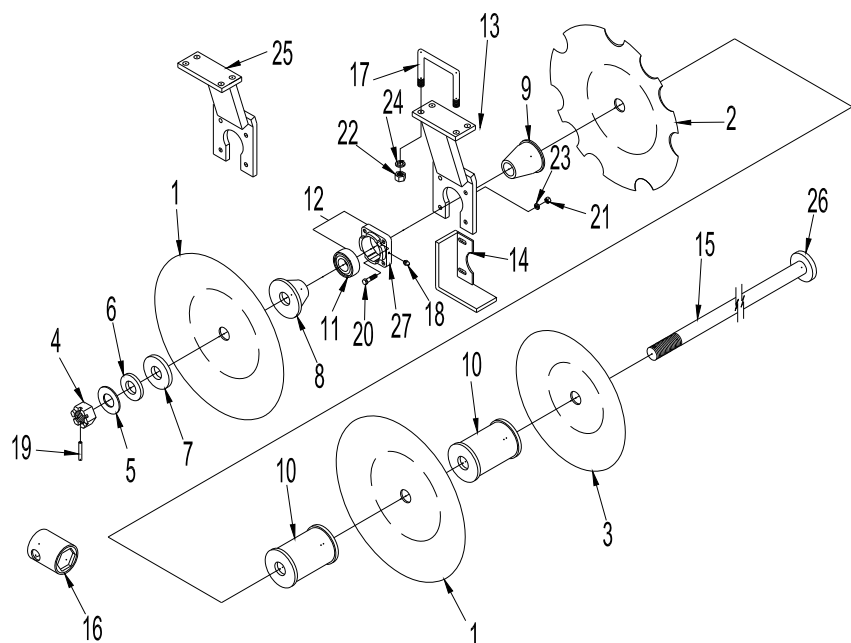
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D	REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	---	Refer to Ref. No. 1 on page 60 for Plain Blades		20		Refer to Ref. No 15 on Page 60 for Gang Bolts for 9" and 10-1/2" (230 & 267mm) Spacing	
2	---	Refer to Ref. No. 2 on page 60 for Notched Blades				Gang Bolt for 12" (305mm) Spacing	
3	---	Refer to Ref. No. 3 on page 60 for Outrigger Blades			DGA115	6 blade – 67-3/4" (1721mm) long	*
4	DG82	2" N.C. (50.8mm) Heavy Hex Slotted Nut	*		DGA69	7 blade – 80" (2032mm) long	*
5	DG89	1/4 (6.35mm) Shim Washer	*		DGA121	12 blade - 141-3/4" (3600mm) long	*
6	DG88	1/2" (12.7mm) Shim Washer	*	21	DGA35	Socket Wrench	*
7	DG13185	5-1/2" O.D. x 2" I.D. x 3/4" (138 x 50.8 x 19.0mm) Head Washer – used with 24" blades	*	22	DG10310	7/16" x 3" (10.9 x 76.2mm) Lock Pin	*
	DG13184	6" O.D. x 2" I.D. x 1" (152 x 50.8 x 25.4mm) Head Washer – used with 26" & 28" blades	*	23	DG5379	7/8" x 6" x 5-7/8" (22 x 152 x 149mm) Long U-Bolt	*
8	DGA10566	Front R.H. & Rear L.H. Bearing Hanger- For T2-215 Series Bearing – Models prior to August 2001 – see Detail "A" for hanger length	*	24	B062100	5/8" x 10" N.C. (15.7 x 254mm) Hex Bolt Gr. 5 – used on machines less bearing	*
	DGA10567	Rear Bearing Hanger- For T2-215 Series Bearing – Models prior to August 2001 – see Detail "A" for hanger length	*		B062110	5/8" x 11" N.C. (15.7 x 279mm) Hex Bolt Gr. 5 – used on machines equipped w/bearing	*
	DGA13155	Front Bearing Hanger- For T2-215 Series Bearing – Models after August 2001 – see Detail "A" for hanger length	*	25	BN087	7/8" (22.2mm) N.C. Hex Nut	*
	DGA13154	Rear Bearing Hanger- For T2-215 Series Bearing – Models after August 2001 – see Detail "A" for hanger length	*	26	BN062	5/8" (15.7mm) N.C. Hex Nut	*
9	DGB9900	Housing c/w Bearings, Seals, Sleeve, Snap Ring & Cap – T2-215 Series	*	27	BW087L	7/8" (22.2mm) Lockwasher	*
10	DG9901	Housing Only – T2-215 Series	*	28	DGA5370	5-1/2" (139.7mm) Gang Washer – Weld On	*
11	DG9905	Bearing Seal – National #200322	*	29	DG9912	Set Screw – 1/4" N.C. x 1/2" Long (6.35 x 12.7mm)	*
12	DG9904	#6215 Ball Bearing (Modified)	*	30	10GN1	1/4" (6.35mm) – 28 Straight Grease Fitting	*
13	DG9906	5" (127mm) Sleeve	*	31	DG10590	Bearing Guard – T2-215 Bearing	*
14	DG9902	Bearing Housing Cap	*	32	DGA10568	Front 2" (50.8mm) Offset, Bearing Hanger For T2-215 Series Bearing – Models prior to August 2001 – (see Detail A above for lengths)	*
15	DG9911	External Snap Ring – Philip French #D1400-75	*		DGA10569	Rear 2" (50.8mm) Offset, Bearing Hanger For T2-215 Series Bearing – Models prior to August 2001 – (see Detail A above for lengths)	*
16	DG9910	Internal Snap Ring – Philip French #D1300-130	*		DGA13157	2" (50.8mm) Offset Trunion Mounted Bearing Hanger (Front R.H. & Rear L.H.) - Models after August 2001 (See Detail A above for lengths)	*
17	DGA10563	9" & 10-1/2" (230 & 267mm) Spacing, Short Half, 1-3/8" (34.9mm) Long Convex Side w/6" (152mm) Washer Spool	*		DGA13156	2" (50.8mm) Offset Trunion Mounted Bearing Hanger (Front L.H. & Rear R.H.) - Models after August 2001 (See Detail A above for lengths)	*
	DGA10572	12" (305mm) Spacing, Short Half, 2-7/8" (73mm) Long Convex Side w/6" (152mm) Washer Spool	*	33	BN0625L	5/8" (15.7mm) N.C. Hex Steel Lock Nut	*
18	DGA10571	9" (230mm) Spacing, Long Half 2-11/16" (68mm) - Concave Side	*				
	DGA103	10-1/2" & 12" (267 & 305mm) Spacing Long Half, 4-3/16" (106mm) Long - Concave Side	*				
19	DGA100	9" (230mm) Spacing, Full Spool w/6" (152mm) Dia. Washer both ends	*				
	DGA101	10-1/2" (267mm) Spacing, Full Spool w/6" (152mm) Dia. Washer both ends	*				
	DGA111	12" (305mm) Spacing, Full Spool w/6" (152mm) Dia. Washer both ends	*				

* as required



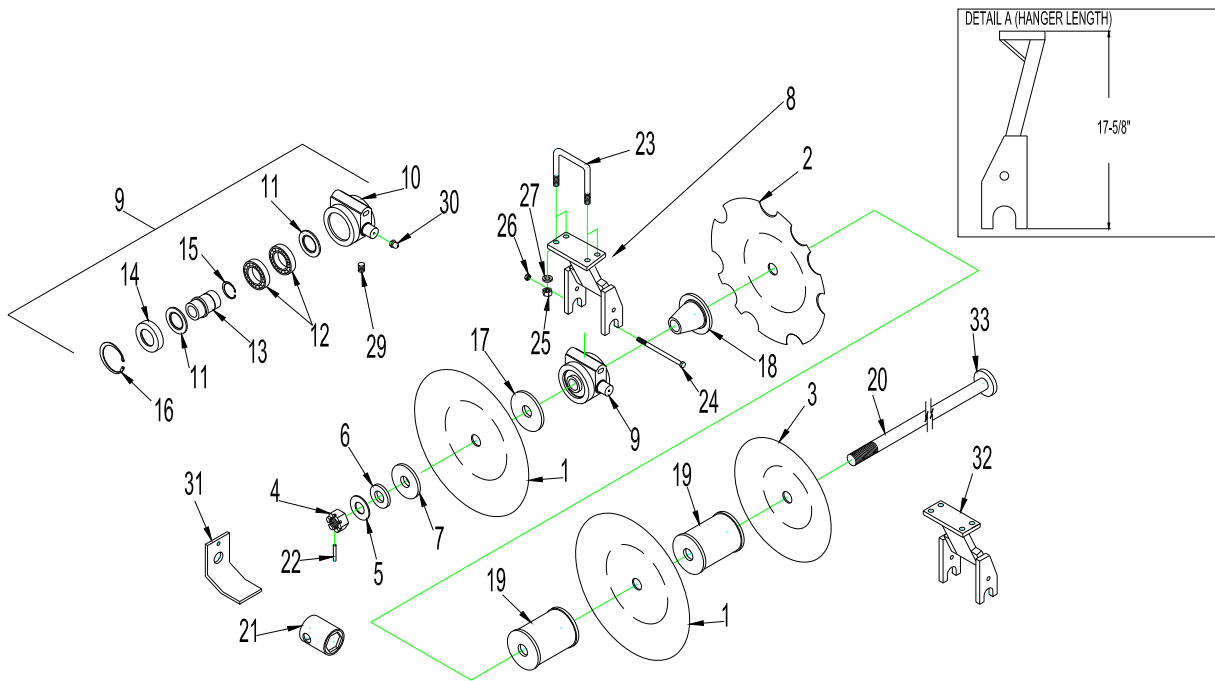
MODEL 1275 DISC GANG WITH T2-215 BEARINGS AND RIGID HANGERS
(used w/HANGER MOUNTED SCRAPER BAR – prior to S/N 51462)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D	REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG75	26" x 5/16" (8mm) Notched	*	19		GANG BOLT WITH 7" O.D. WELD-ON WASHER -10-1/2" (267mm) SPACING	
	DG87	26" x 3/8" (9mm) Notched	*		DGA215	7 Blade Gang Bolt- 72-1/2"- (1842mm)	*
	DG159	26" x 3/8" (9mm) Notched Cone	*		DGA216	8 Blade Gang Bolt- 83-1/4" – (2115mm)	*
2	DG20051	28" x 3/8" (9mm) Notched	*		DGA217	9 Blade Gang Bolt- 94" – (2388mm)	*
	DG61	22" x 9/32" (7mm) Notched Outtrigger Blade	*		DGA218	10 Blade Gang Bolt- 105" – (2667mm)	*
	DG138	24" x 5/16" (8mm) Notched Outtrigger Blade	*		DGA219	11 Blade Gang Bolt- 115-3/4" – (2940mm)	*
3	DG82	2" N.C. (50.8mm) Heavy Slotted Hex. Nut	*		DGA220	12 Blade Gang Bolt- 126-3/4" – (3219mm)	*
4	DG89	1/4" (6.35mm) Shim Washer	*		DGA221	13 Blade Gang Bolt- 137-1/2" – (3493mm)	*
5	DG88	1/2" (12.7mm) Shim Washer	*		DGA222	14 Blade Gang Bolt- 148-1/2" – (3772mm)	*
6	DG13184	6" O.D. x 2" I.D. x 1" (152 x 50.8 x 25.4mm) Head Washer	*			GANG BOLT WITH 7" O.D. WELD-ON WASHER - 12" (305mm) SPACING	
7	DGA10566	Front R.H. & Rear L.H. Bearing Hanger- For T2-215 Series Bearing – Models prior to August 2001 – see Detail "A" for hanger length	*		DGA190	6 Blade Gang Bolt - 69-3/4" – (1772mm)	*
	DGA10567	Rear Bearing Hanger- For T2-215 Series Bearing – Models prior to August 2001 – see Detail "A" for hanger length	*		DGA191	7 Blade Gang Bolt - 82" – (2038mm)	*
	DGA13155	Front Bearing Hanger- For T2-215 Series Bearing – Models after August 2001 – see Detail "A" for hanger length	*		DGA192	8 Blade Gang Bolt - 94" – (2388mm)	*
	DGA13154	Rear Bearing Hanger- For T2-215 Series Bearing – Models after August 2001 – see Detail "A" for hanger length	*		DGA193	9 Blade Gang Bolt - 106-3/4" – (2711mm)	*
8	DGB9900	Heavy Duty Industrial Type T2-215 Trunion Mounted Bearing Assembly	*		DGA194	10 Blade Gang Bolt - 119" – (3023mm)	*
9	DG9901	T2-215 Bearing Housing Only	*		DGA195	11 Blade Gang Bolt - 131" – (3327mm)	*
10	DG9905	Bearing Seal (National #200322)	*		DGA196	12 Blade Gang Bolt - 143-3/4" – (3651mm)	*
11	DG9904	#6215 Ball Bearing (Modified)	*	20	DGA35	Socket Wrench	*
12	DG9906	5" (127mm) Sleeve	*	21	DGA10310	7/16" x 3" (10.9 x 76.2mm) Lock Pin	*
13	DG9902	Bearing Housing Cap	*	22	DG5379	7/8" x 7" x 5-7/8" (44 x 178 x 149mm) Long U-bolt (Plated)	*
14	DG9911	External Snap Ring (Phillip French #D1400-75)	*	23	B062100	5/8" x 10" N.C. (15.7 x 254mm) Hex. Bolt GR.5 (Plated) - used on machines less bearing guards	*
15	DG9910	Internal Snap Ring (Phillip French #D1300-130)	*		B062110	5/8" x 11" N.C. (15.7 x 279mm) Hex Bolt GR. 5 (Plated) - used on machines equipped with bearing guards	*
16	DGA11079	Short Half Spool - 7" O.D. (178mm) Washer x 2-3/8" (60mm) Long-For T2-215 Bearing w/10-1/2" & 12" (266.7 x 305mm) Spacing	*	24	BN087	7/8" N.C. (22mm) Hex. Nut	*
17	DGA10564	Long Half Spool - 7" O.D. (178mm) Washer x 4-15/16" (125mm) Long - For T2-215 Bearing w/12" (305mm) Spacing	*	25	BN062	5/8" N.C. (15.7mm) Hex. Nut	*
	DGA11077	Long Half Spool - 10-1/2" (267mm) - 7" O.D. (178mm) Washer x 3-7/16" (87mm)	*	26	BW087	7/8" (22mm) Lockwasher	*
18	DGA11081	Full Spool - 12" Spacing With 7" (178mm) Dia. Washer On Both Ends	*	27	DG9912	1/4" (6.35mm) - 28 x 1/2" (12.7mm) Socket Set Screw	*
	DGA11078	Full Spool - 10-1/2" Spacing With 7" (178mm) Dia. Washer on Both Ends	*	28	10GN1	1/4" (6.35mm) - 28 Grease Fitting	*
				29	DG10590	Bearing Guard- For T2-215 Bearing	*
				30	DGA11086	Gang Bolt End washer - 7" O.D. (178mm) (Weld-On) For Discs Equipped With 26" Blades	*
				31	DGA10568	Front 2" (50.8mm) Offset, Bearing Hanger For T2-215 Series Bearing- Models prior to August 2001 – (see Detail A above for lengths)	*
					DGA10569	Rear 2" (50.8mm) Offset, Bearing Hanger For T2-215 Series Bearing- Models prior to August 2001 – (see Detail A above for lengths)	*
					DGA13157	2" (50.8mm) Offset Trunion Mounted Bearing Hanger (Front R.H. & Rear L.H.) - Models after August 2001 (See Detail A above for lengths)	*
					DGA13156	2" (50.8mm) Offset Trunion Mounted Bearing Hanger (Front L.H. & Rear R.H.) - Models after August 2001 (See Detail A above for lengths)	*
				32	BN0625L	5/8" (15.7mm) N.C. Hex Steel Lock Nut	*



MODEL 1225 DISC GANG with STANDARD HANGERS for 410WSS BEARINGS – 9" & 10" (230 & 267mm) SPACING
(used with INDEPENDENTLY MOUNTED SCRAPER BAR – used AFTER S/N 51462)

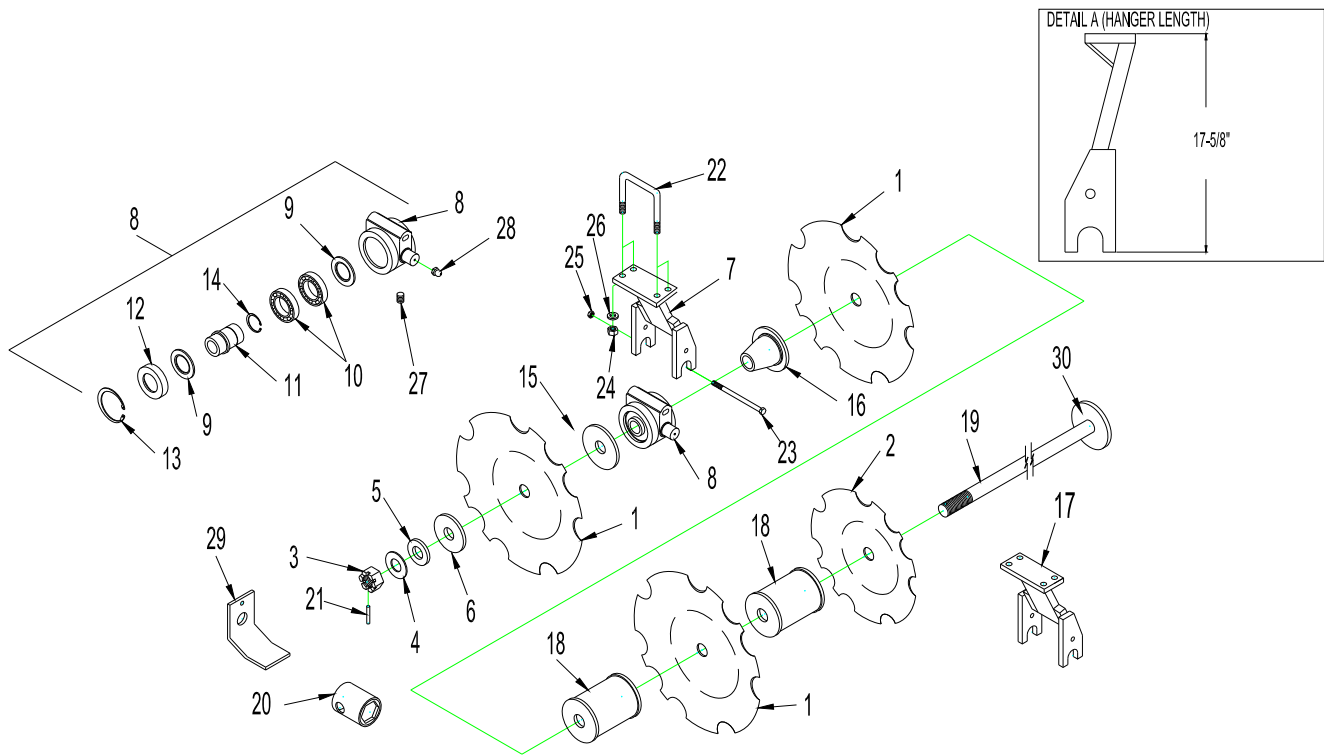
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D	REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG76 DG137 DG74 DG107 DG157 DG130	24" (610mm) x 9/32" (7mm) Plain Blade 24" (610mm) x 5/16" (8mm) Plain Blade 26" (660mm) x 5/16" (8mm) Notched 26" (660mm) x 3/8" (9mm) Notched 26" (660mm) x 5/16" (8mm) Plain Cone Blade 28" (711mm) x 3/8" (9mm) Plain Blade	* * * * * *	15	DGA67 DGA68 DGA69 DGA70 DGA71 DGA72 DGA73 DGA74 DGA129	Gang Bolt with 9" (230mm) Spacing 7 blade - 62-3/4" (1594mm) long 8 blade - 72" (1829mm) long 9 blade - 81" (2057mm) long 10 blade - 90-1/2" (2299mm) long 11 blade - 99-3/4" (2534mm) long 12 blade - 109" (2769mm) long 13 blade - 118-1/2" (3010mm) long 14 blade - 128-1/2" (3264mm) long 15 blade - 136-3/4" (3473mm) long	* * * * * * * * *
2	DG138 DG75 DG87 DG20051	24" (610mm) x 5/16" (8mm) Notched Blade 26" (660mm) x 5/16" (8mm) Notched Blade 26" (660mm) x 3/8" (9mm) Notched Blade 28" (711mm) x 3/8" (9mm) Notched Blade	* * * *		DGA76 DGA77 DGA78 DGA79 DGA80 DGA81 DGA82 DGA83 DGA84	Gang Bolt for 10-1/2" (267mm) Spacing - includes washer 6 blade - 61" (1549mm) long 7 blade - 71-1/2" (1816mm) long 8 blade - 82-1/4" (2089mm) long 9 blade - 93" (2362mm) long 10 blade - 104" (2642mm) long 11 blade - 114-3/4" (2915mm) long 12 blade - 125-3/4" (3194mm) long 13 blade - 136-1/2" (3467mm) long 14 blade - 147-1/2" (3747mm) long	* * * * * * * * *
3	DG149 DG64 DG76	20" (508mm) x 6mm (.236") Plain Outtrigger Blade 22" (559mm) x 6mm (.236") Plain Outtrigger Blade 24" (610mm) x 7mm (.275") Plain Outtrigger Blade	* * *	16	DGA35	Socket Wrench	1
4	DG82	2" N.C. (50.8mm) Heavy Slotted Hex. Nut	2	17	DG5379	7/8" x 6 x 5-7/8" (22 x 152 x 149mm) Long U-bolt)	2
5	DG89	1/4" (6.35mm) Shim Washer	*	18	10GN1	1/4" (6.35mm) - 28 Grease Fitting	*
6	DG88	1/2" (12.7mm) Shim Washer	*	19	DG10310	7/16" x 3" (10.9 x 76.2mm) Lock Pin	*
7	DG13185	5-1/2" O.D. x 2" I.D. x 3/4" (138 x 50.8 x 19mm) Head Washer – used with 24" Blades	*	20	B062022 B062025	5/8" x 2-1/4" (15.7 x 57.2mm) N.C. Hex Bolt – GR. 5 5/8" x 2-1/4" (15.7 x 57.2mm) N.C. Hex Bolt – GR. 5 – used with bearing guard	*
	DG13184	6" O.D. x 2" I.D. x 1" (152 x 50.8 x 25.4mm) Head Washer – used with 26" Blades	*	21	BN062	5/8" (15.7mm) N.C. Hex Nut	*
8	DGA106	9" & 10-1/2" (230 & 267mm) Spacing Short Half Spool for 410WSS Brg. 3-1/4" (82.6mm) Long (Convex Side) w/6" (152mm) Washer	*	22	BN087	7/8" (22.2mm) N.C. Hex Nut	*
9	DGA103	9" (230mm) Spacing Long Half Spool for 410WSS Brg. 3-11/16" (94mm) Long (Concave Side)	*	23	BW062L	5/8" (15.7mm) Lockwasher	*
	DGA131	10-1/2" (267mm) Spacing Long Half Spool for 410WSS Brg. 5-1/4" (133mm) Long (Concave Side)	*	24	BW087L	7/8" (22.2mm) Lockwasher	*
10	DGA100 DGA101	9" (230mm) Spacing Spool – 6" (152mm) Dia. both ends 10-1/2" (267mm) Spacing Spool – 6" (152mm) Dia. both ends	* *	25	DGA7184	2" (50.8mm) Offset Hanger – 410WSS Bearing	*
11	DG108	410WSS Greaseable Bearing (2-1/16" (52mm) wide)	*	26	DGA5370	5-1/2" (139.7mm) Gang Washer – Weld-On	*
12	DGB109	410WSS Bearing c/w Housing and Grease Fitting (2-1/16" (52mm) Bearing Width)	*	27	DG96	Housing – 410WSS Bearing	*
13	DGA7183	Standard Bearing Hanger – 410WSS Bearing	*				
14	DGA40 DGA39	Front L.H. & Rear R.H. Bearing Guard – 410WSS Bearing Rear R.H. and Front L.H. Bearing Guard – 410WSS Bearing	* *				



MODEL 1225 DISC GANG (WITH STANDARD HANGERS FOR T2-215 BEARINGS) – 9" & 10-1/2" (230 & 267mm) SPACING
(used with INDEPENDENTLY MOUNTED SCRAPER BAR – used AFTER S/N 51463)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D	REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	---	Refer to Ref. No. 1 on page 63 for Plain Blades		20		Refer to Ref. No 15 on Page 63 for Gang Bolts for 9" and 10-1/2" (230 & 267mm) Spacing	
2	---	Refer to Ref. No. 2 on page 63 for Notched Blades		21	DGA35	Socket Wrench	*
3	---	Refer to Ref. No. 3 on page 63 for Outrigger Blades		22	DG10310	7/16" x 3" (10.9 x 76.2mm) Lock Pin	*
4	DG82	2" N.C. (50.8mm) Heavy Hex Slotted Nut	*	23	DG5379	7/8" x 6" x 5-7/8" (22 x 152 x 149mm) Long U-Bolt	*
5	DG89	1/4 (6.35mm) Shim Washer	*	24	B062100	5/8" x 10" N.C. (15.7 x 254mm) Hex Bolt Gr. 5 – used on machines less bearing	*
6	DG88	1/2" (12.7mm) Shim Washer	*		B062110	5/8" x 11" N.C. (15.7 x 279mm) Hex Bolt Gr. 5 – used on machines equipped w/bearing	*
7	DG13185	5-1/2" O.D. x 2" I.D. x 3/4" (138 x 50.8 x 19.0mm) Head Washer – used with 24" blades	*	25	BN087	7/8" (22.2mm) N.C. Hex Nut	*
	DG13184	6" O.D. x 2" I.D. x 1" (152 x 50.8 x 25.4mm) Head Washer – used with 26" & 28" blades	*	26	BN062L	5/8" (15.7mm) N.C. Hex Nylon Lock Nut	*
8	DGA13162	Std. Trunion Mounted Bearing Hanger w/o Scraper tail – (see Detail A above for length)	*	27	BW087L	7/8" (22.2mm) Lockwasher	*
9	DGB9900	Housing c/w Bearings, Seals, Sleeve, Snap Ring & Cap – T2-215 Series	*	28	DGA5370	5-1/2" (139.7mm) Gang Washer – Weld On	*
10	DG9901	Housing Only – T2-215 Series	*	29	DG9912	Set Screw – 1/4" N.C. x 1/2" Long (6.35 x 12.7mm)	*
11	DG9905	Bearing Seal – National #200322	*	30	10GN1	1/4" (6.35mm) – 28 Straight Grease Fitting	*
12	DG9904	#6215 Ball Bearing (Modified)	*	31	DG10590	Bearing Guard – T2-215 Bearing	*
13	DG9906	5" (127mm) Sleeve	*	32	DGA13163	2" (50.8mm) Offset Trunion Mounted Bearing Hanger w/o scraper tail – see Detail "A" above for lengths	*
14	DG9902	Bearing Housing Cap	*		DGA13164	3-1/2" (88.9mm) Offset Trunion Mounted Bearing Hanger w/o scraper tail – see Detail "A" above for lengths	*
15	DG9911	External Snap Ring – Philip French #D1400-75	*				
16	DG9910	Internal Snap Ring – Philip French #D1300-130	*				
17	DGA10563	9" & 10-1/2" (230 & 267mm) Spacing, Short Half, 1-3/8" (34.9mm) Long Convex Side w/6" (152mm) Washer Spool	*				
18	DGA10571	9" (230mm) Spacing, Long Half 2-11/16" (68mm) - Concave Side	*				
	DGA103	10-1/2" & 12" (267 & 305mm) Spacing Long Half, 4-3/16" (106mm) Long - Concave Side	*				
19	DGA100	9" (230mm) Spacing, Full Spool w/6" (152mm) Dia. Washer both ends	*				
	DGA101	10-1/2" (267mm) Spacing, Full Spool w/6" (152mm) Dia. Washer both ends	*				

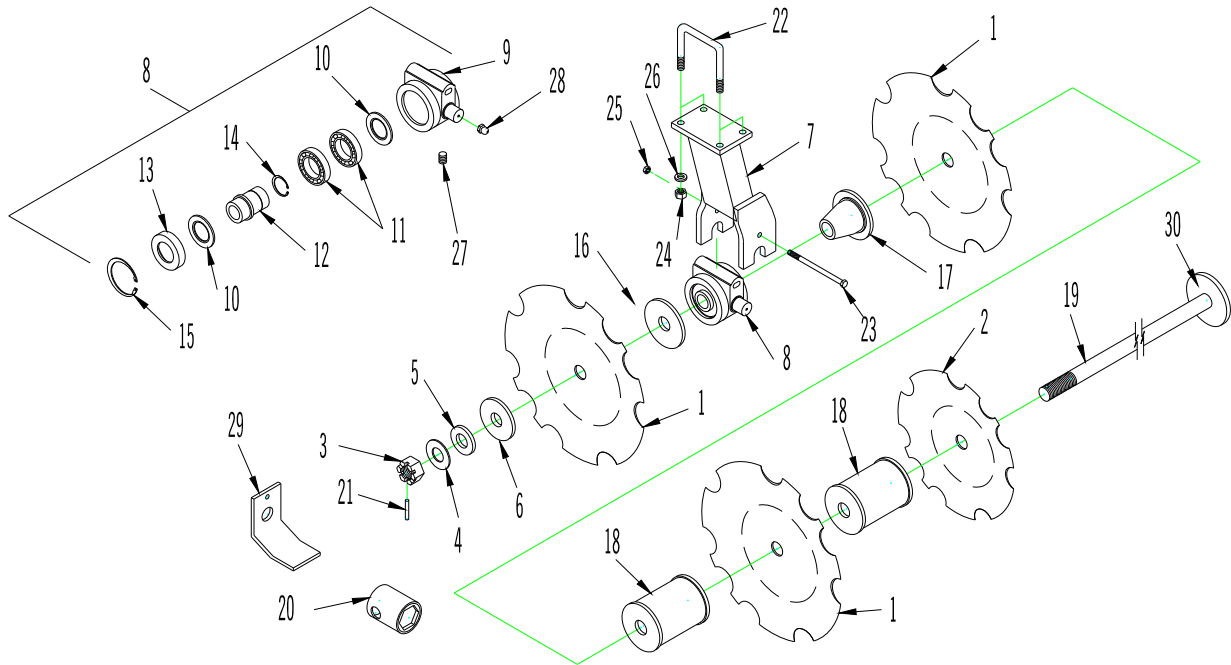
* as required



MODEL 1275 DISC GANG WITH T2-215 BEARINGS AND RIGID HANGERS
(used with INDEPENDENTLY MOUNTED SCRAPER BAR – after S/N 51462)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D	REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG75 DG87 DG159 DG20051 DG181	26" x 5/16" (660 x 8mm) Notched 26" x 3/8" (660 x 9mm) Notched 26" x 3/8" (660 x 9mm) Notched Cone 28" x 3/8" (711 x 9mm) Notched 30" x 3/8" (762 x 9mm) Notched	* * * * *	19	DGA215 DGA216 DGA217 DGA218 DGA219 DGA220 DGA221 DGA222	GANG BOLT WITH 7" O.D. WELD-ON WASHER - 10-1/2" (267mm) SPACING 7 Blade Gang Bolt- 72-1/2" - (1842mm) 8 Blade Gang Bolt- 83-1/4" - (2115mm) 9 Blade Gang Bolt- 94" - (2388mm) 10 Blade Gang Bolt- 105" - (2667mm) 11 Blade Gang Bolt- 115-3/4" - (2940mm) 12 Blade Gang Bolt- 126-3/4" - (3219mm) 13 Blade Gang Bolt- 137-1/2" - (3493mm) 14 Blade Gang Bolt- 148-1/2" - (3772mm)	* * * * * * * *
2	DG61 DG138	22" x 9/32" (559 x 7mm) Notched Outrigger Blade 24" x 5/16" (610 x 8mm) Notched Outrigger Blade	* *		DGA190 DGA191 DGA192 DGA193 DGA194 DGA195 DGA196	GANG BOLT WITH 7" O.D. WELD-ON WASHER - 12" (305mm) SPACING 6 Blade Gang Bolt - 69-3/4" - (1772mm) 7 Blade Gang Bolt - 82" - (2038mm) 8 Blade Gang Bolt - 94" - (238mm) 9 Blade Gang Bolt - 106-3/4" - (2711mm) 10 Blade Gang Bolt - 119" - (3023mm) 11 Blade Gang Bolt - 131" - (3327mm) 12 Blade Gang Bolt - 143-3/4" - (3651mm)	* * * * * * *
3	DG82	2" N.C. (50.8mm) Heavy Slotted Hex. Nut	*	20	DGA35	Socket Wrench	*
4	DG89	1/4" (6.35mm) Shim Washer	*	21	DGA10310	7/16" x 3" (10.9 x 76.2mm) Lock Pin	*
5	DG88	1/2" (12.7mm) Shim Washer	*	22	DG5379	7/8" x 7" x 5-7/8" (44 x 178 x 149mm) Long U-bolt (Plated)	*
6	DG13184	6" O.D. x 2" I.D. x 1" (152 x 50.8 x 25.4mm) Head Washer	*	23	B062100	5/8" x 10" N.C. (15.7 x 254mm) Hex. Bolt GR.5 (Plated) - used on machines less bearing guards	*
7	DGA13162	Std. Trunion Mounted Bearing Hanger w/o Scraper Tail – see Detail "A" for hanger length	*		B062110	5/8" x 11" N.C. (15.7 x 279mm) Hex Bolt GR. 5 (Plated) - used on machines equipped with bearing guards	*
8	DGB9900	Heavy Duty Industrial Type T2-215 Trunion Mounted Bearing Assembly	*	24	BN087	7/8" N.C. (22mm) Hex. Nut	*
9	DG9901	T2-215 Bearing Housing Only	*	25	BN062L	5/8" N.C. (15.7mm) Hex. Nylon Lock Nut	*
10	DG9905	Bearing Seal (National #200322)	*	26	BW087	7/8" (22mm) Lockwasher	*
11	DG9904	#6215 Ball Bearing (Modified)	*	27	DG9912	1/4" (6.35mm) - 28 x 1/2" (12.7mm) Socket Set Screw	*
12	DG9906	5" (127mm) Sleeve	*	28	10GN1	1/4" (6.35mm) - 28 Grease Fitting	*
13	DG9902	Bearing Housing Cap	*	29	DG10590	Bearing Guard- For T2-215 Bearing	*
14	DG9902	External Snap Ring (Phillip French #D1400-75)	*		DGA11086	Gang Bolt End washer - 7" O.D. (178mm) (Weld-On) For Discs Equipped With 26" Blades	*
15	DG9911	Internal Snap Ring (Phillip French #D1300-130)	*				
16	DGA10564 DGA11077	Short Half Spool - 7" O.D. (178mm) Washer x 2-3/8" (60mm) Long- For T2-215 Bearing w/10-1/2" & 12" (266.7 x 305mm) Spacing Long Half Spool - 7" O.D. (178mm) Washer x 4-15/16" (125mm) Long - For T2-215 Bearing w/12" (305mm) Spacing Long Half Spool - 10-1/2" (267mm) - 7" O.D. (178mm) Washer x 3-7/16" (87mm)	* * *				
17	DGA13163	2" (50.8mm) Offset Trunion Mounted Bearing Hanger w/o Scraper Tail – see Detail "A" for length	*				
18	DGA11081 DGA11078	Full Spool - 12" Spacing With 7" (178mm) Dia. Washer On Both Ends Full Spool - 10-1/2" Spacing With 7" (178mm) Dia. Washer on Both Ends	* *				

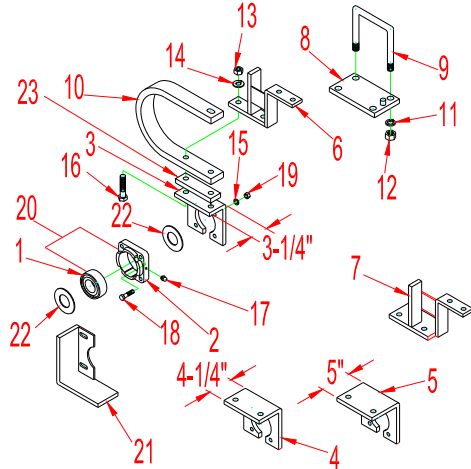
* as required



MODEL 1375 DISC GANG WITH T2-215 BEARINGS AND RIGID HANGERS

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG20051 DG181	28" x 3/8" (9 mm) Notched Blade 30" x 3/8" (9mm) Notched Blade	* *
2	DG61 DG159 DG20051 DG138	22" x 9/32" (7 mm) Notched Outrigger Blade 26" x 3/8" (9 mm) Notched Outrigger Blade 28" x 3/8" (9mm) Notched Outrigger Blade 24" x 5/16" (8mm) Notched Outrigger Blade	1 1 1 1
3	DG12252	2" N.C. (50.8mm) Heavy Slotted Hex. Nut (Heat Treated)	*
4	DG89	1/4" (6.35mm) Shim Washer	*
5	DG88	1/2" (12.7mm) Shim Washer	*
6	DG13184	6" O.D. x 2" I.D. x 1" (152 x 50.8 x 25.4mm) Head Washer	*
7	DGA10582	Bearing Hanger- For T2-215 Bearing	*
8	DGB9900	Heavy Duty Industrial Type T2-215 Trunion Mounted Bearing Assembly	*
9	DG9901	T2-215 Bearing Housing Only	*
10	DG9905	Bearing Seal (National #200322)	*
11	DG9904	#6215 Ball Bearing (Modified)	*
12	DG9906	5" (127mm) Sleeve	*
13	DG9902	Bearing Housing Cap	*
14	DG9911	Internal Snap Ring (Phillip French #D1400-75)	*
15	DG9910	External Snap Ring (Phillip French #D1300-130)	*
16	DGA11079	Short Half Spool - 7" O.D. Washer x 2-3/8" Long - (178 x 60mm)	*
17	DGA10564	Long Half Spool - 7" O.D. Washer x 4-15/16" Long - (178 x 125mm)	*
18	DGA1081	Full Spool - 12" (305mm) Spacing With 7" Dia. (178mm) Washer On Both Ends	*
19	DGA190 DGA191 DGA192 DGA193 DGA194 DGA195 DGA196	<u>GANG BOLT WITH 7" O.D. WELD-ON WASHER - 12" (305mm) SPACING</u> 6 Blade Gang Bolt - 69-3/4" - (1772mm) 7 Blade Gang Bolt - 82" - (2083mm) 8 Blade Gang Bolt - 94" - (2388mm) 9 Blade Gang Bolt - 106-3/4" - (2711mm) 10 Blade Gang Bolt - 119" - (3023mm) 11 Blade Gang Bolt - 131" - (3327mm) 12 Blade Gang Bolt - 143-3/4" - (3651mm)	* * * * * * *
20	DGA35	Socket Wrench	1
21	DGA10310	7/16" x 3" (10.9 x 76mm) Lock Pin	*
22	DG5379	7/8" x 7 x 5-7/8" (22 x 178 x 149mm) Long U-bolt (Plated)	*
23	BO62100 BO62110	5/8" x 10" N.C. (15.7 x 254mm) Hex. Bolt (Plated) - used on machines less bearing guards 5/8" x 11" N.C. (15.7 x 279mm) Hex. Bolt (Plated) - used on machines equipped with bearing guards	* *
24	BN087	7/8" N.C. (22mm) Hex. Nut	*
25	BN062L	5/8" N.C. (15.7mm) Hex. Nylon Lock Nut	*
26	BW087	7/8" (22mm) Lockwasher	*
27	DG9912	1/4" (6.35mm) - 28 x 1/2" (12.7mm) Socket Set Screw	*
28	10GN1	1/4" (6.35mm) - 28 Grease Fitting	*
29	DG10590	Bearing Guard - T2-215 Bearing	*
30	DGA1086	Gang Bolt End washer - 7" O.D. (178mm) (Weld-On)	*

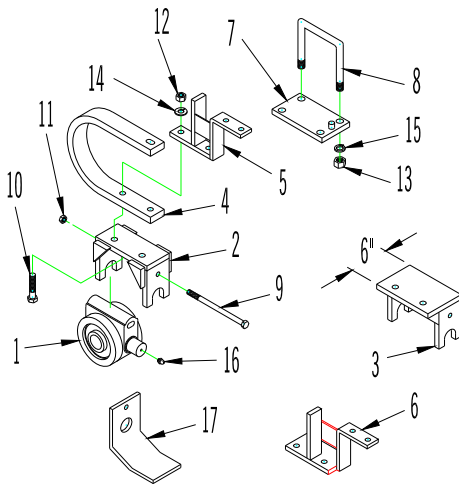
STONE FLEX HANGER FOR 214 & 410 SERIES BEARINGS (OPTIONAL)
(used with HANGER MOUNTED SCRAPER BAR)
(FOR 1225 SERIES DISCS – PRIOR TO S/N 51377)



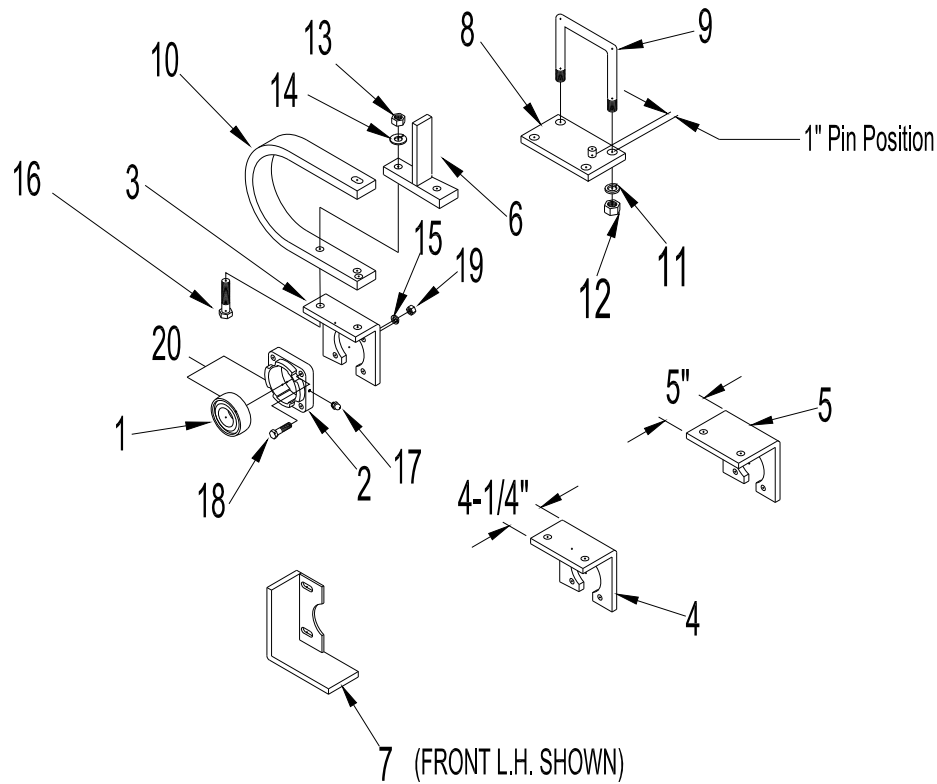
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG38	214 Series Greaseable Bearing - (1-9/16" Lg (39.6mm) Inner Race)	*
	DG5364	EZ410N Greaseable Bearing - (1-9/16" Lg (39.6mm) Inner Race)	*
2	DG96	Housing - 214 & 410 Series Bearing	*
3	DG5324	Standard Mounting Bracket For 214 & 410 Series Bearing	*
	DG108	410WSS Greaseable Bearing - (2-1/16" Lg (52.3mm) Inner Race)	*
4	DGA5376	1-1/2" (38mm) Offset Mounting Bracket - 214 & 410 Series Bearing- Used w/26" Cone Blades	*
5	DGA5341	2" (50.8mm) Offset Mounting Bracket - 214 & 410 Series Bearing	*
6	DGA5333	Scraper Bar Support - 1-1/2" (38mm) Offset and Standard Mounting Bracket.	*
7	DGA5336	Scraper Bar Support Bracket - For 2" (50.8mm) Offset Mounting Bracket - Rear Gang Only	*
	DGA5337	Scraper Bar Support Bracket - For 2" (50.8mm) Offset Mounting Bracket - Front Gang Only	*
8	DGA5328	Backing Plate	*
9	DG5378	7/8" x 7" x 7-1/8" Long (22 x 178 x 181mm) U-bolt (Plated)	*
10	DG5313	1-1/4" x 2-1/2" (31.7 x 63.5mm) Spring Shank	*
11	BW087	7/8" (22mm) Lockwasher	*
12	BN087	7/8" N.C. (22mm) Hex. Nut	*
13	BN075	3/4" N.C. (19mm) Hex. Nut	*
14	BW075L	3/4" (19mm) Lockwasher	*
15	BW062L	5/8" (15.7mm) Lockwasher	*
16	B075035	3/4" x 3-1/2" N.C. (19 x 89mm) Hex. Bolt	*
17	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	*
18	B062022	5/8" x 2-1/4" N.C. (15.7 x 57mm) Hex. Bolt	*
	B062025	5/8" x 2-1/2" N.C. (15.7 x 57mm) Hex. Bolt - used with bearing guard	*
19	BN062	5/8" N.C. (15.7mm) Hex. Nut	*
20	DGB5335	214 Series Bearing c/w Housing and Grease Fitting - (1-9/16" Lg (39.6mm) Inner Race)	*
	DG5364	EZ410N Series Bearing c/w Housing and Grease Fitting - (1-9/16" Lg (39.6mm) Inner Race)	*
	DGB109	410WSS Series Bearing c/w Housing and Grease Fitting - (2-1/16" Lg (52.3mm) Inner Race)	*
21	DGA40	Front Bearing Guard - 214 & 410 Series Bearing	*
	DGA39	Rear Bearing Guard - 214 & 410 Series Bearing	*
22	DG237	4-1/2" O.D. x 2" x 1/16" (114 x 50.8 x 1.59mm) Bearing Shield – for EZ410N Bearing Only	*

* As Required

STONE FLEX HANGER FOR T2-215 SERIES BEARINGS (OPTIONAL)
(used with HANGER MOUNTED SCRAPER BAR)
(FOR 1225 & 1275 SERIES DISCS WITH 26" BLADES – prior to S/N 51377)

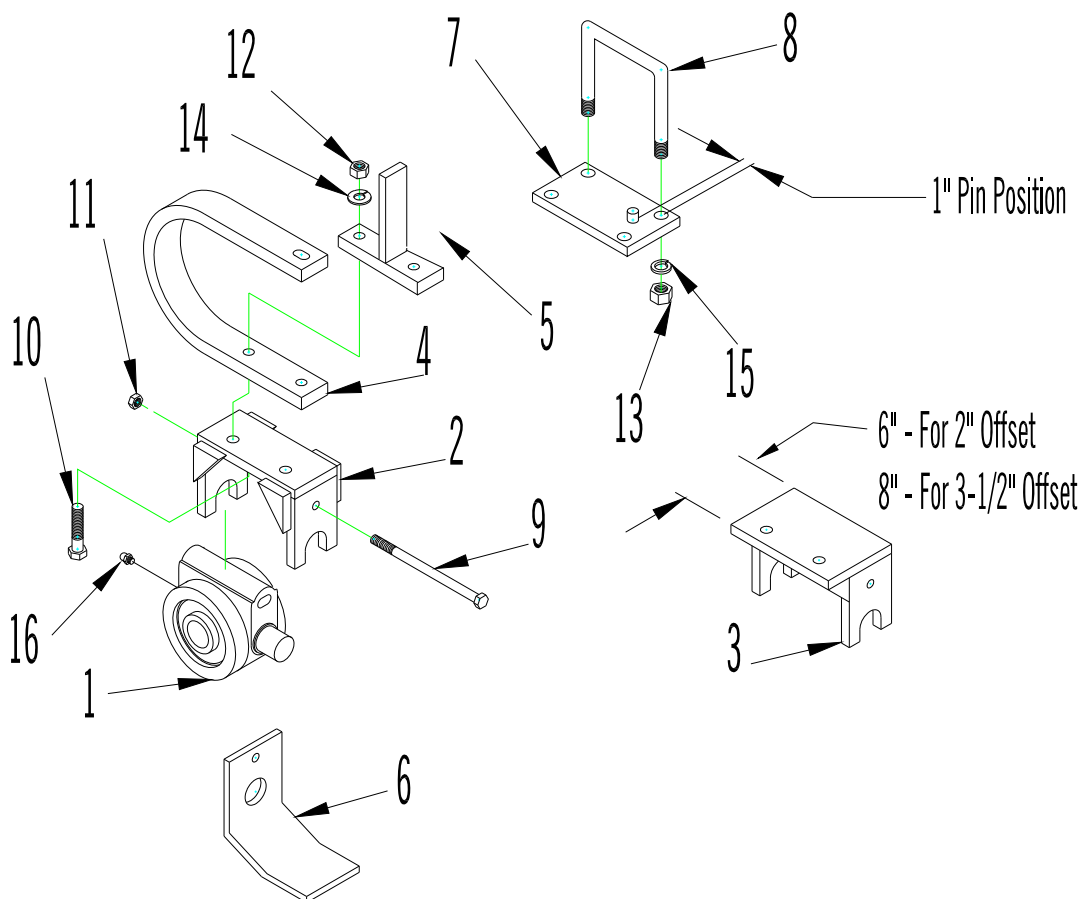


REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DGB9900	T2-215 Bearing Assembly (See Page 65 for T2-215 Bearing Breakdown)	*
2	DGA10570	Standard Mounting bracket For T2-215 Bearing	*
3	DGA10575	2" (50.8mm) Offset Mounting Bracket For T2-215 Bearing	*
4	DG5313	1-1/4" x 2-1/2" (31.7 x 63.5mm) Spring Shank	*
5	DGA5333	Scraper Bar Support Bracket - Standard Hanger	*
6	DGA5336	Scraper Bar Support Bracket - For 2" (50.8mm) Offset Mounting Bracket - Rear Gang Only	*
	DGA5337	Scraper Bar Support Bracket - For 2" (50.8mm) Offset Mounting Bracket - Front Gang Only	*
7	DGA5328	Backing Plate	*
8	DG5378	7/8" x 7" x 7-1/8" Long (22 x 178 x 181mm) U-bolt	*
9	B062100	5/8" x 10" N.C. (15.7 x 254mm) Hex. Bolt- GR.5 - used on machines less bearing guards	*
	B062110	5/8" x 11" N.C. (15.7 x 279mm) Hex Bolt - used on machines equipped with bearing guard	*
10	B075035	3/4" x 3-1/2" N.C. (19 x 88.9mm) Hex. Bolt	*
11	BN062L	5/8" N.C. (15.7mm) Hex. Nylon Lock Nut	*
12	BN075	3/4" N.C. (19mm) Hex. Nut	*
13	BN087	7/8" N.C. (22mm) Hex. Nut	*
14	BW075L	3/4" (19mm) Lockwasher	*
15	BW087	7/8" (22mm) Lockwasher	*
16	10GN1	1/4" (6.35mm) - 28 Straight Grease Fitting	*
17	DG10590	Bearing Guard - T2-215 Bearing	*



STONE FLEX HANGER FOR 410WSS BEARING (OPTIONAL) – MODEL 1225 DISC
(used with INDEPENDENTLY MOUNTED SCRAPER BAR – after S/N 51377)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG108	410WSS Series Greaseable Bearing – 2-1/16" (52mm) Wide	*
2	DG96	Housing – 410WSS Bearing	*
3	DG5324	Standard Mounting Bracket for 410WSS Bearing	*
4	DGA5376	1-1/2" (38mm) Offset Mounting Bracket – 410WSS Bearing	*
5	DGA5341	2" (50.8mm) Offset Mount Bracket – 410WSS Bearing	*
6	DG5338	Scraper Bar Support – Independently Mounted Scraper	*
7	DGA40 DGA39	Front L.H. and Rear R.H. Bearing Guard Rear L.H. and Front R.H. Bearing Guard	* *
8	DGA5327	Backing Plate – used with Independently Mounted Scraper Only	*
9	DG5378	7/8" x 6" x 7-1/8" (22 x 152 x 181mm) Long U-Bolt	*
10	DG5313	1-1/4" x 2-1/2" (31.7 x 63.5mm) Spring Shank	*
11	BW087L	7/8" (22mm) Lockwasher	*
12	BN087	7/8" N.C. (22mm) Hex Nut	*
13	BN075	3/4" N.C. (19mm) Hex Nut	*
14	BW075L	3/4" (19mm) Lockwasher	*
15	BW062L	5/8" (15.7mm) Lockwasher	*
16	B075035	3/4" x 3-1/2" N.C. (19 x 89mm) Hex Bolt	*
17	10GN1	1/4" (6.35mm) – 28 Straight Grease Fitting	*
18	B062022	5/8" x 2-1/4" N.C. (15.7 x 57.2mm) Hex Bolt	*
	B062025	5/8" x 2-1/2" N.C. (15.7 x 63.5mm) Hex Bolt – used with bearing guard	*
19	BN062	5/8" N.C. (15.7mm) Hex Nut	*
20	DGB109	410WSS Bearing c/w Housing and Grease Fitting – 2-1/16" (52mm) Bearing Width	*

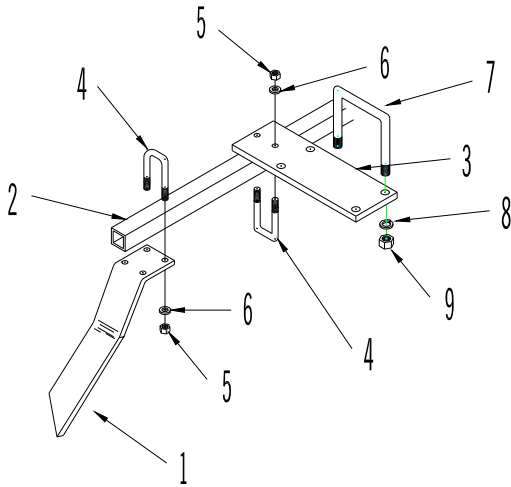


STONE FLEX HANGER FOR T2-215 BEARING (OPTIONAL) – MODEL 1225 & 1275 DISCS
(used with INDEPENDENTLY MOUNTED SCRAPER BAR – after S/N 51377)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DGB9900	T2-215 Bearing Assembly (see Page 65 for T2-215 Bearing Breakdown)	*
2	DGA10570	Standard Mounting Bracket	*
3	DGA10575	2" (50.8mm) Offset Mounting Bracket	*
	DGA10576	3-1/2" (88.9mm) Offset Mount Bracket	*
4	DG5313	1-1/4" x 2-1/2" (31.8 x 63.5mm) Spring Shank	*
5	DGA5338	Shank Stop – Independently Mounted Scrapers Only	*
6	DG10590	Bearing Guard – T2-215 Bearing	*
7	DGA5327	Backing Plate – Independently Mounted Scraper Only	*
8	DG5378	7/8" x 7" x 7-1/8" (22 x 178 x 181mm) Long U-Bolt	*
9	B062100	5/8" x 10" N.C. (15.7 x 254mm) Hex Bolt – GR. 5	*
10	B075035	3/4" x 3-1/2" N.C. (19 x 88.9mm) Hex Bolt – GR. 5	*
11	BN062L	5/8" N.C. (15.7mm) Hex Nylon Lock Nut	*
12	BN075	3/4" N.C. (19mm) Hex Nut	*
13	BW087	7/8" N.C. (22mm) Hex Nut	*
14	BW075L	3/4" (19mm) Lockwasher	*
15	BW087L	7/8" (22mm) Lockwasher	*
16	10GN1	1/4" (6.35mm) – 28 Straight Grease Fitting	*

* As Required

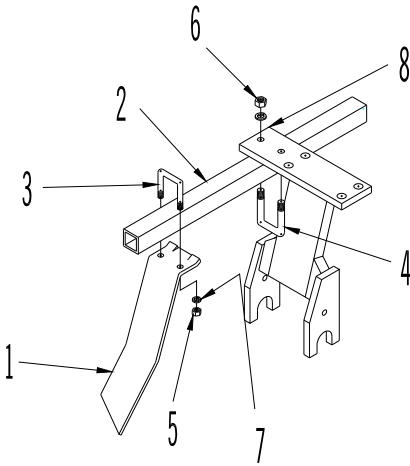
SCRAPER AND SCRAPER BAR ASSEMBLY
(used on 1275 and 1375 DISCS prior to 2001)



REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG10604 DG10605 DG10602 DG10603	Scraper - 12" (305mm) Spacing - Front Gang Only - 5/8" x 4" (15.7 x 102mm) Scraper - 12" (305mm) Spacing - Rear Gang Only - 5/8" x 4" (15.7 x 102mm) Scraper - 10-1/2" (267mm) Spacing - Front Gang Only - 5/8" x 4" (15.7 x 102mm) Scraper - 10-1/2" (267mm) Spacing - Rear Gang Only - 5/8" x 4" (15.7 x 102mm)	* * * *
2	DS72-2-4 DS84-2-4 DS96-2-4 DS109-2-4 DS121-2-4 DS133-2-4 DS146-2-4	SCRAPER BARS FOR 12" (305mm) SPACING 6 Blade Gang Scraper Bar - 72-1/2" - (1842mm) 7 Blade Gang Scraper Bar - 84-1/2" - (2146mm) 8 Blade Gang Scraper Bar - 96-1/2" - (2451mm) 9 Blade Gang Scraper Bar - 109" - (2769mm) 10 Blade Gang Scraper Bar - 121-1/2" - (3086mm) 11 Blade Gang Scraper Bar - 133-1/2" - (3391mm) 12 Blade Gang Scraper Bar - 146" - (3708mm)	* * * * * * *
3	DG235	Scraper Bar Support Plate 13-7/8" (352mm) Long - (used 2001 and prior) - Not Used With Discs Equipped With Stone Flex Hangers	* *
4	DG5309	5/8" x 2" Long (15.7 x 50.8mm) U-bolt	*
5	BN062	5/8" N.C. (15.7mm) Hex. Nut	*
6	BW062L	5/8" (15.7mm) Lockwasher	*
7	DG5314	7/8" x 7/8" x 5-7/8" Long (22 x 178 x 22mm) U-Bolt	*
8	BW087L	7/8" (22mm) Lockwasher	*
9	BN087	7/8" N.C. (22mm) Hex Nut	*

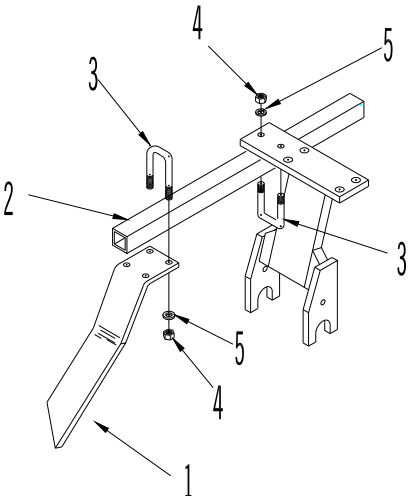
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SCRAPER AND SCRAPER BAR ASSEMBLY
(used on 1225 DISCS with HANGER MOUNTED SCRAPERs – prior to S/N 51377)

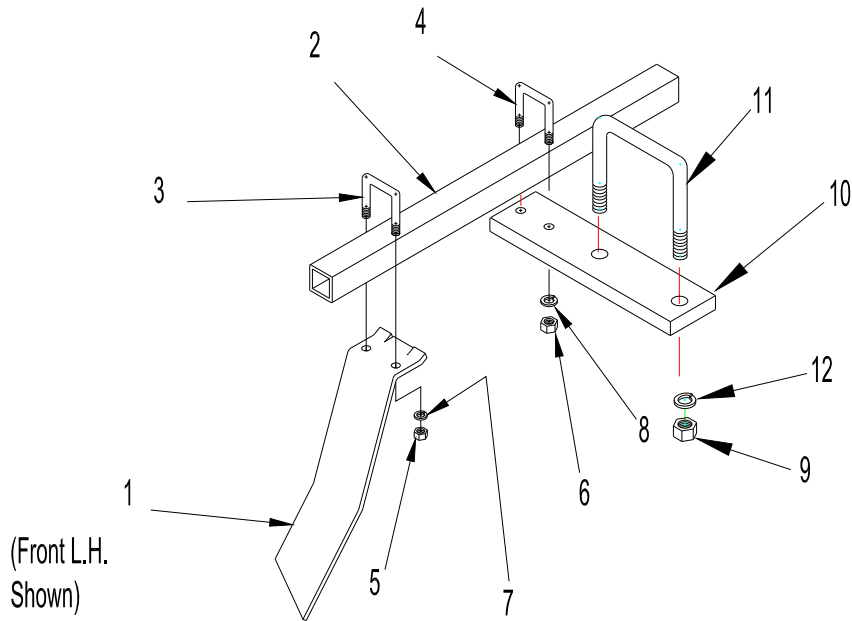


REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG5300 DG5301 DG5304 DG5305	Scraper - Rear - 5/16" x 4" (7.87 x 102mm) Scraper - Front - 5/16" x 4" (7.87 x 102mm) Scraper (For Cone Blades ONLY) - Rear - 5/16" x 4" (7.87 x 102mm) Scraper (For Cone Blades ONLY) - Front - 5/16" x 4" (7.87 x 102mm)	* * * *
2	DS54 DS66 DS72 DS84 DS90 DS102 DS114 DS120	SCRAPER BARS FOR 9" (229mm) SPACING 6 Blade Gang Scraper Bar - 54" (1372mm) 7 Blade Gang Scraper Bar - 66" (1676mm) 8 Blade Gang Scraper Bar - 72" (1829mm) 9 Blade Gang Scraper Bar - 84" (2134mm) 10 Blade Gang Scraper Bar - 90" (2286mm) 11 Blade Gang Scraper Bar - 102" (2591mm) 12 Blade Gang Scraper Bar - 114" (2896mm) 13 Blade Gang Scraper Bar - 120" (3048mm)	* * * * * * * *
	DS72 DS84 DS96 DS108 DS120 DS132	SCRAPER BARS FOR 10-1/2" (267mm) SPACING 7 Blade Gang Scraper Bar - 72" (1829mm) 8 Blade Gang Scraper Bar - 84" (2134mm) 9 Blade Gang Scraper Bar - 96" (2438mm) 10 Blade Gang Scraper Bar - 108" (2743mm) 11 Blade Gang Scraper Bar - 120" (3048mm) 12 Blade Gang Scraper Bar - 132" (3353mm)	* * * * * *
3	DG5308	1/2" x 2" (12.7 x 50.8mm) U-bolt	*
4	DG5309	5/8" x 2" (15.7 x 50.8mm) U-bolt	*
5	BN050	1/2" N.C. (12.7mm) Hex. Nut	*
6	BN062	5/8" N.C. (15.7mm) Hex. Nut	*
7	BW050L	1/2" (12.7mm) Lockwasher	*
8	BW062L	5/8" (15.7mm) Lockwasher	*

SCRAPER AND SCRAPER BAR ASSEMBLY
(used on 1275 and 1375 DISCS with HANGER MOUNTED SCRAPERs – prior to S/N 51377)



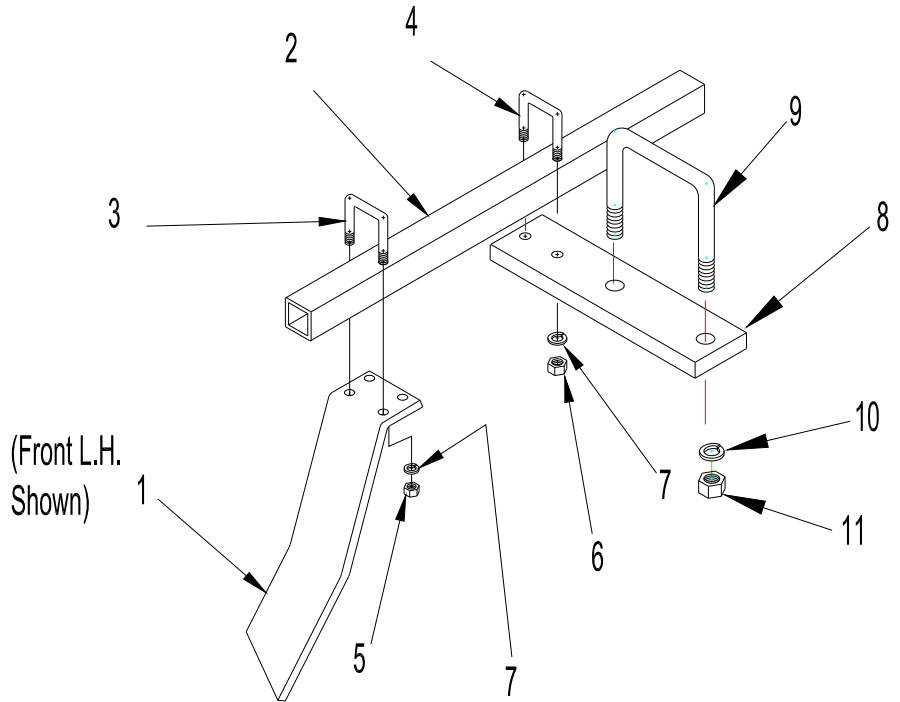
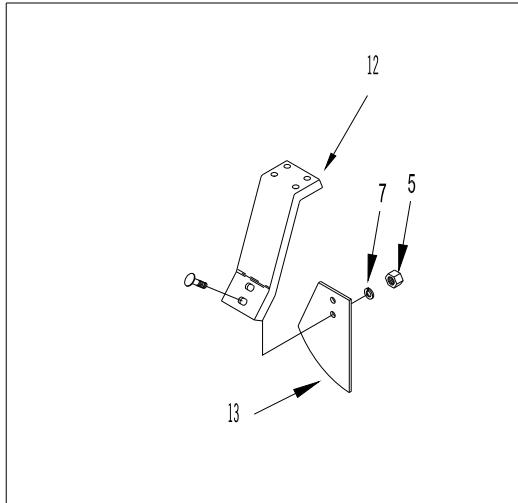
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG10604 DG10605 DG10602 DG10603	Scraper - 12" (305mm) Spacing - Front Gang Only - 5/8" x 4" (15.7 x 102mm) Scraper - 12" (305mm) Spacing - Rear Gang Only - 5/8" x 4" (15.7 x 102mm) Scraper - 10-1/2" (267mm) Spacing - Front Gang Only - 5/8" x 4" (15.7 x 102mm) Scraper - 10-1/2" (267mm) Spacing - Rear Gang Only - 5/8" x 4" (15.7 x 102mm)	* * * *
2	DS72 DS84 DS96 DS108 DS120 DS132	SCRAPER BARS FOR 10-1/2" (267mm) SPACING 7 Blade Gang Scraper Bar - 72" - (1829mm) 8 Blade Gang Scraper Bar - 84" - (2134mm) 9 Blade Gang Scraper Bar - 96" - (2438mm) 10 Blade Gang Scraper Bar - 108" - (2743mm) 11 Blade Gang Scraper Bar - 120" - (3048mm) 12 Blade Gang Scraper Bar - 132" - (3353mm)	* * * * * *
	DS72-2-4 DS84-2-4 DS96-2-4 DS109-2-4 DS121-2-4 DS133-2-4 DS146-2-4	SCRAPER BARS FOR 12" (305mm) SPACING 6 Blade Gang Scraper Bar - 72-1/2" - (1842mm) 7 Blade Gang Scraper Bar - 84-1/2" - (2146mm) 8 Blade Gang Scraper Bar - 96-1/2" - (2451mm) 9 Blade Gang Scraper Bar - 109" - (2769mm) 10 Blade Gang Scraper Bar - 121-1/2" - (3086mm) 11 Blade Gang Scraper Bar - 133-1/2" (3391mm) 12 Blade Gang Scraper Bar - 146" - (3708mm)	* * * * * * *
3	DG5309	5/8" x 2" (15.7 x 50.8mm) U-bolt	*
4	BN062	5/8" N.C. (15.7mm) Hex. Nut	*
5	BW062L	5/8" (15.7mm) Lockwasher	*



MODEL 1225 DISC
STANDARD SCRAPER AND SCRAPER BAR ASSEMBLY
 (used with INDEPENDENTLY MOUNTED SCRAPER BAR – after S/N 51377)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG5292	Scraper Std – Rear Gang	*
	DG5293	Scraper Std – Front Gang	*
2		<u>SCRAPER BARS FOR 9" (229mm) SPACING</u>	
	DS54	6 Blade Gang Scraper Bar - 54" – (1372mm)	*
	DS66	7 Blade Gang Scraper Bar - 66" – (1676mm)	*
	DS72	8 Blade Gang Scraper Bar - 72" – (1829mm)	*
	DS84	9 Blade Gang Scraper Bar - 84" – (2134mm)	*
	DS90	10 Blade Gang Scraper Bar - 90" – (2286mm)	*
	DS102	11 Blade Gang Scraper Bar - 102" – (2591mm)	*
	DS114	12 Blade Gang Scraper Bar - 114" – (2896mm)	*
	DS120	13 Blade Gang Scraper Bar - 120" – (3048mm)	*
		<u>SCRAPER BARS FOR 10-1/2" (267mm) SPACING</u>	
	DS72	7 Blade Gang Scraper Bar - 72" – (1829mm)	*
	DS84	8 Blade Gang Scraper Bar - 84" – (2134mm)	*
	DS96	9 Blade Gang Scraper Bar - 96" – (2438mm)	*
	DS108	10 Blade Gang Scraper Bar - 108" – (2743mm)	*
	DS120	11 Blade Gang Scraper Bar - 120" – (2048mm)	*
	DS132	12 Blade Gang Scraper Bar - 132" – (3353mm)	*
3	DG5308	1/2" x 2" (12.7 x 50.8mm) U-Bolt	*
4	DG5309	5/8" x 2" (15.7 x 50.8mm) U-Bolt	*
5	BN050	1/2" N.C. (12.7mm) Hex Nut	*
6	BN062	5/8" N.C. (15.7mm) Hex Nut	*
7	BW050L	1/2" (12.7mm) Lockwasher	*
8	BW062L	5/8" (15.7mm) Lockwasher	*
9	BN075	3/4" N.C. (19mm) Hex Nut	*
10	DG5296	Mount Plate – Scraper Bar	*
11	DG13145	3/4" x 6-7/8" cc x 5-3/4" (19. x 174.5 x 146mm) U-Bolt	*
12	BW075L	3/4" (19mm) Lockwasher	*

* As Required

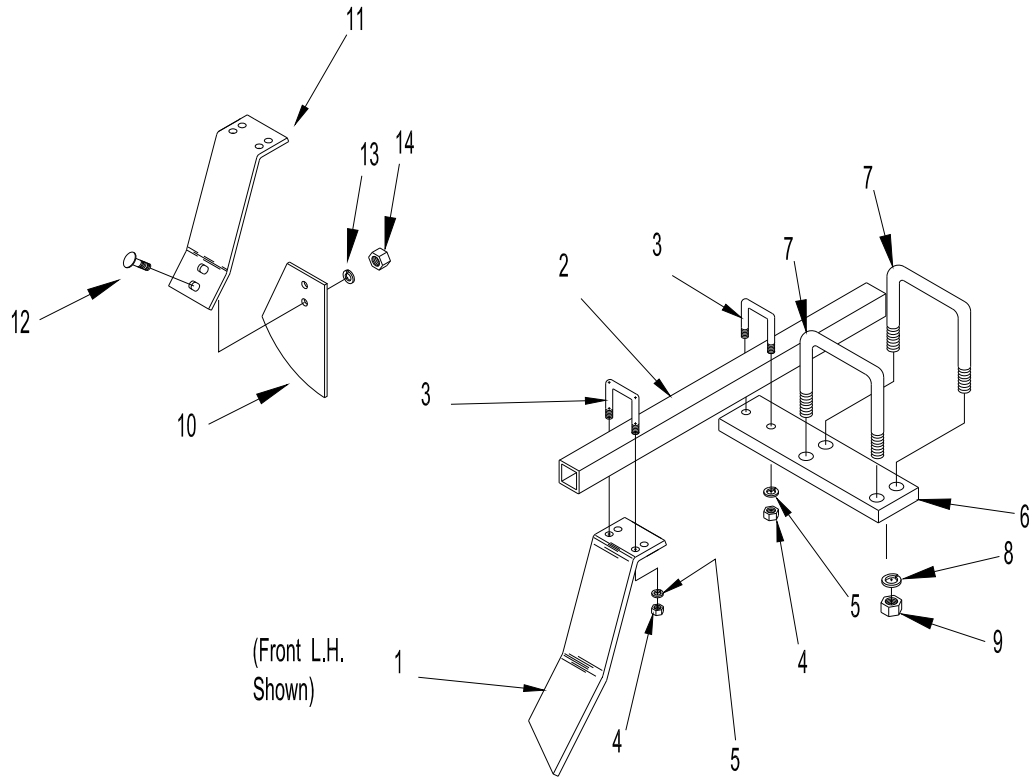


(Front L.H.
Shown)

MODEL 1225 DISC HEAVY DUTY SCRAPER AND SCRAPER BAR ASSEMBLY

(used with INDEPENDENTLY MOUNTED SCRAPER BAR – after S/N 51462 with Rigid Hangers and after S/N 51376 with Stone-Flex Hangers)

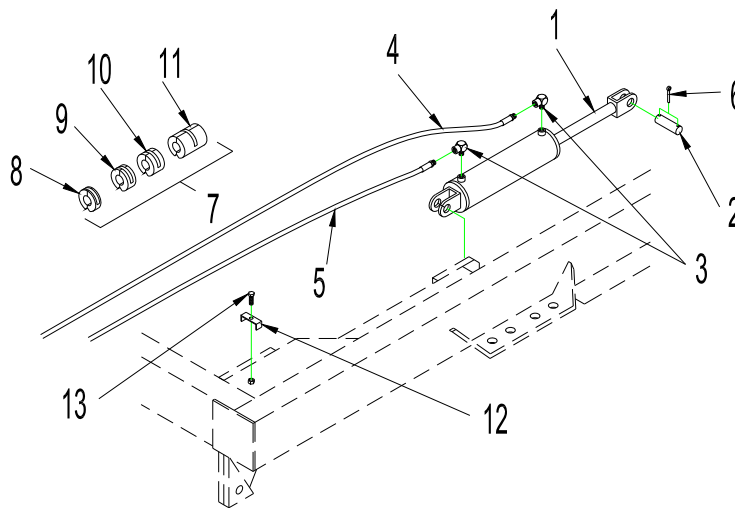
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG13215 DG13216	Heavy Duty Scraper - ½" x 4" (12.7 x 101.6mm) – Rear Gang Heavy Duty Scraper - ½" x 4" (12.7 x 101.6mm) – Front Gang	* *
2		SCRAPER BARS FOR 9" (229mm) SPACING 6 Blade Gang Scraper Bar - 54" – (1372mm) 7 Blade Gang Scraper Bar - 66" – (1676mm) 8 Blade Gang Scraper Bar - 72" – (1829mm) 9 Blade Gang Scraper Bar - 84" – (2134mm) 10 Blade Gang Scraper Bar - 90" – (2286mm) 11 Blade Gang Scraper Bar - 102" – (2591mm) 12 Blade Gang Scraper Bar - 114" – (2896mm) 13 Blade Gang Scraper Bar - 120" – (3048mm)	* * * * * * * *
		SCRAPER BARS FOR 10-1/2" (267mm) SPACING 7 Blade Gang Scraper Bar - 72" – (1829mm) 8 Blade Gang Scraper Bar - 84" – (2134mm) 9 Blade Gang Scraper Bar - 96" – (2438mm) 10 Blade Gang Scraper Bar - 108" – (2743mm) 11 Blade Gang Scraper Bar - 120" – (3048mm) 12 Blade Gang Scraper Bar - 132" – (3353mm)	* * * * * *
3	DG5308	½" x 2" (12.7 x 50.8mm) U-Bolt	*
4	DG5309	5/8" x 2" (15.7 x 50.8mm) U-Bolt	*
5	BN050	½" N.C. (12.7mm) Hex Nut	*
6	BN062	5/8" N.C. (15.7mm) Hex Nut	*
7	BW062L	5/8" (15.7mm) Lockwasher	*
8	DG5296	Straight Scraper Mount Plate	*
9	DG13145	¾" x 6-7/8" cc x 5-3/4" (19. x 174.5 x 146mm) U-Bolt	*
10	BW075L	¾" (19mm) Lockwasher	*
11	BN075	¾" N.C. (19mm) Hex Nut	*
12	DG7194	Heavy Duty Scraper Holder – Wide Pan Scraper	*
13	DG7190	Wide Pan Scraper	*
14	B050012C	½" x 1-1/4" N.C. (12.7 x 31.7mm) Carriage Bolt	*



**MODEL 1275 AND 1375 DISCS
STANDARD SCRAPER AND SCRAPER BAR ASSEMBLY**

(used with INDEPENDENTLY MOUNTED SCRAPER BAR – after S/N 51462 with Rigid Hangers and after S/N 51376 with Stone-Flex Hangers)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG10604 DG10605 DG10602 DG10603	Scraper - 12" Spacing - Front Gang Only (5/8" x 4") Scraper - 12" Spacing - Rear Gang Only (5/8" x 4") Scraper - 10-1/2" Spacing - Front Gang Only (5/8" x 4") Scraper - 10-1/2" Spacing - Rear Gang Only (5/8" x 4")	* * * *
2		<u>SCRAPER BARS FOR 10-1/2" SPACING – 3/16" WALL TUBING</u> 7 Blade Gang Scraper Bar – 72-1/2" – (1842mm) 8 Blade Gang Scraper Bar – 83-1/4" – (2115mm) 9 Blade Gang Scraper Bar - 94" – (2388mm) 10 Blade Gang Scraper Bar - 105" – (2667mm) 11 Blade Gang Scraper Bar – 115-3/4" – (2940mm) 12 Blade Gang Scraper Bar – 126-3/4" – (3219mm)	* * * * * *
		<u>SCRAPER BARS FOR 12" SPACING – 3/16" WALL TUBING</u> 6 Blade Gang Scraper Bar – 69-3/4" – (1772mm) 7 Blade Gang Scraper Bar - 82" – (2083mm) 8 Blade Gang Scraper Bar - 94" – (2388mm) 9 Blade Gang Scraper Bar – 106-3/4" – (2711mm) 10 Blade Gang Scraper Bar - 119" – (3023mm) 11 Blade Gang Scraper Bar - 131" – (3327mm) 12 Blade Gang Scraper Bar – 143-3/4" – (3651mm)	* * * * * *
3	DG5309	5/8" x 2" (15.7 x 50.8mm) U-Bolt	*
4	BN062	5/8" N.C. (15.7mm) Hex Nut	*
5	BW062L	5/8" (15.7mm) Lockwasher	*
6	DG5296	Straight Scraper Mount Plate	*
7	DG5379	7/8" x 7" x 5-7/8" (22 x 178 x 149mm) Long U-Bolt (plated)	*
8	BW087L	7/8" (22mm) Lockwasher	*
9	BN087	7/8" N.C. (22mm) Hex Nut	*
10	DG7190	Wide Pan Scraper	*
11	DG7194	Heavy Duty Scraper Holder – Wide Pan Scraper	*
12	B050012C	½" x 1-1/4" N.C. (12.7 x 31.7mm) Carriage Bolt	*

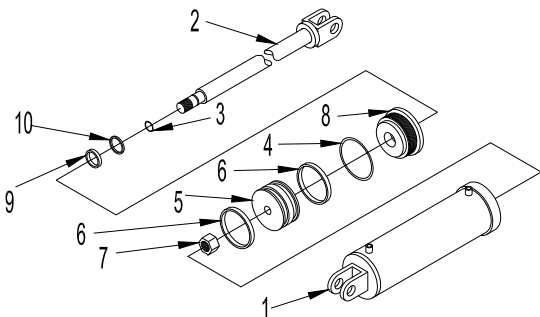


HYDRAULIC SYSTEM ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	303	4" x 12" (102 x 305mm) Hydraulic Cylinder c/w (2) Pins #DR5262 - See Break Down Below	1
2	DR5262	1-1/4" Dia. x 4-3/4" (31.7 x 121mm) Pin	2
3	DL9777	1/2" (12.7mm) N.P.T. x 90 Degree Street Elbow	2
4	D3047	1/2" x 213" (12.7 x 5410mm) Hydraulic Hose	1
5	L2964	1/2" x 198" (12.7 x 5029mm) Hydraulic Hose	1
6	BP31175	5/16" x 1-3/4" (7.87 x 44.4mm) Cotter Pin	4
7	C50719	Whoa Stop Depth Control Package - 10-3/4" (273mm)	1
8	C50711	1" (25.4mm) Depth Stop	1
9	C50712	1-1/2" (38mm) Depth Stop	1
10	C50714	2" (50.8mm) Depth Stop	2
11	C50717	4-1/4" (108mm) Depth Stop	1
12	DL9771	Hose Retainer	1
13	BO50012	1/2" x 1-1/4" N.C. (12.7 x 121mm) Hex Bolt	1

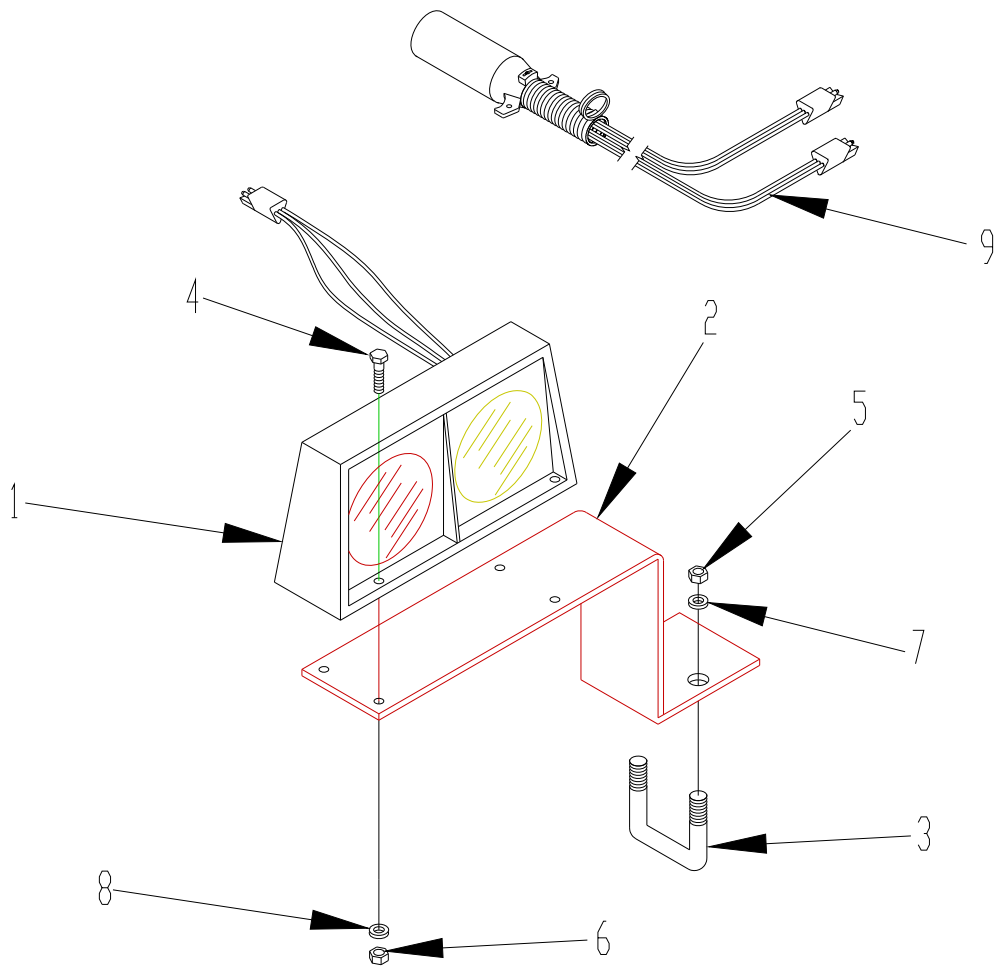
4" x 12" ROCKSHAFT CYLINDER ASSEMBLY – (Part No. 303)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	40TU11	Tube Assembly 4" x 12" (102 x 305mm)	1
2	10SH57	Shaft 1-3/4" x 12" Lg. W/ 1" (44 x 305 x 25.4mm) Stub	1
3	100R13	O-ring 1" I.D. x 1-1/4" O.D. x 1/8" (25.4 x 31.7 x 3.0mm)	1
4	100R17	O-ring 3-5/8" I.D. x 4" O.D. x 3/16" (91.9 x 102 x 4.6mm)	1
5	40PB5	4" Dia. x 2-7/8" (102 x 72.9mm) Lg.	1
6	40CU3	U-cup 3-1/2" I.D. x 4" O.D. x 3/8" (88.9 x 102 x 9.39mm) Deep	2
7	10NU4	1" (25.4mm) - 14 U.N.S. Hex. Nut	1
8	40HP4	4-1/2" Dia. x 2-7/8" (114 x 72.9mm) Lg.	1
9	10RS3	Rod Seal 1-3/4" I.D. x 2-1/8" O.D. x 3/8" (44.4 x 55.3 x 9.39mm) Deep	1
10	10WS3	Wiper Seal 1-3/4" I.D. x 2-1/8" O.D. x 3/16" (44.4 x 55.3 x 4.57mm) Deep	1



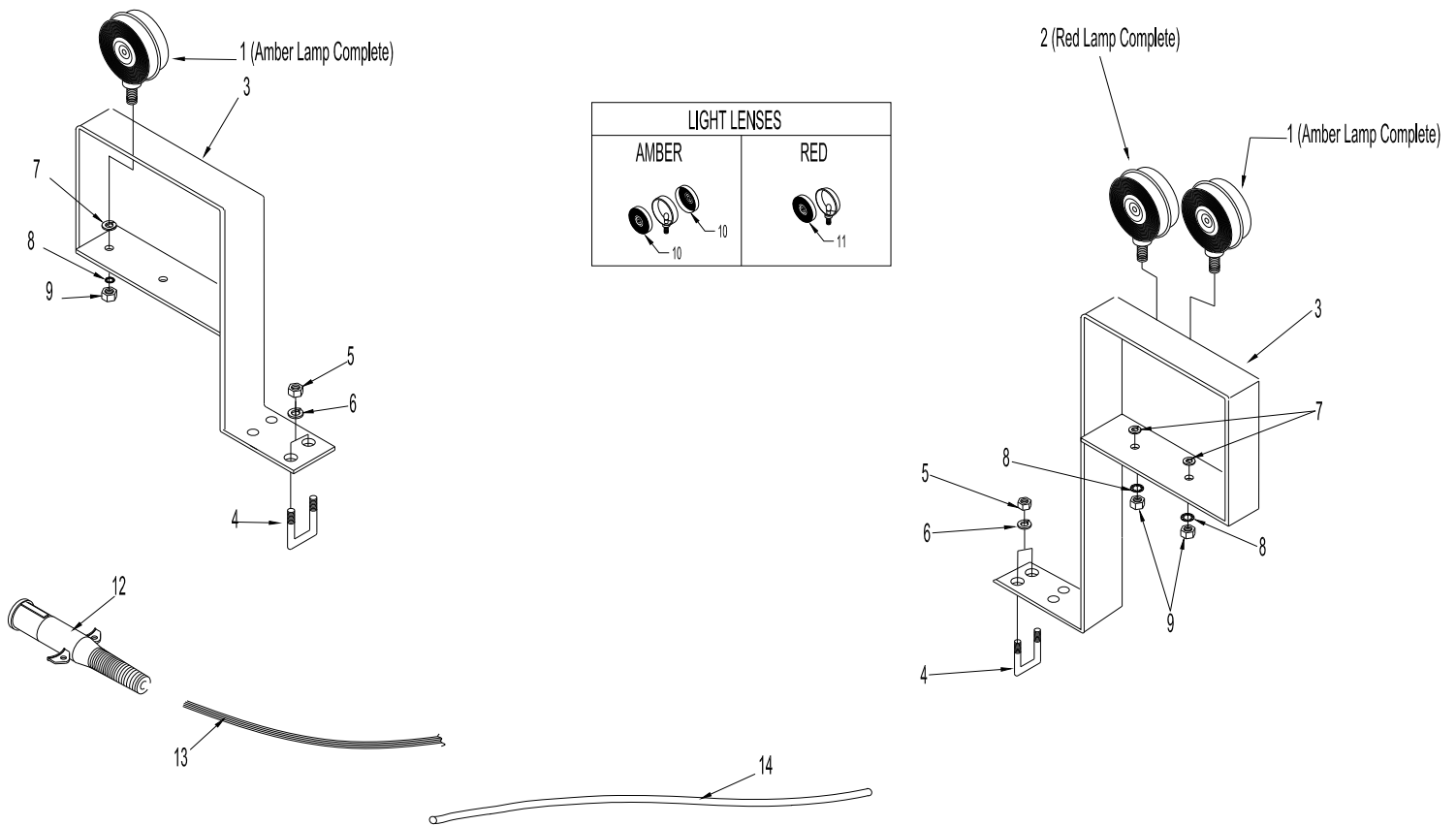
SEAL KIT - FOR 4" x 12" (102 x 305mm) CYLINDER

PART NO.	DESCRIPTION	QTY. REQ'D
4017N4	40CU3 - U-cup 3-1/2" I.D. x 4" O.D. x 3/8" (88.9 x 102 x 9.39mm) Deep	2
	100R23 - O-ring 3-5/8" I.D. x 4" O.D. x 3/16" (91.9 x 102 x 4.57mm)	1
	100R13 - O-ring 1" I.D. x 1-1/4" O.D. x 1/8" (25.4 x 31.7 x 3.0mm)	1
	10RS3 - Rod Seal - 1-3/4" I.D. x 2-1/8" O.D. x 3/8" (3.0 x 53.8 x 9.39mm) Deep	1
	10WS3 - Wiper Seal 1-3/4" I.D. x 2-1/8" O.D. x 3/16" (3.0 x 53.8 x 4.57mm) Deep	1
	100R19 - O-ring 1-1/8" I.D. x 1-1/4" (28.4 x 31.7mm) O.D.	1



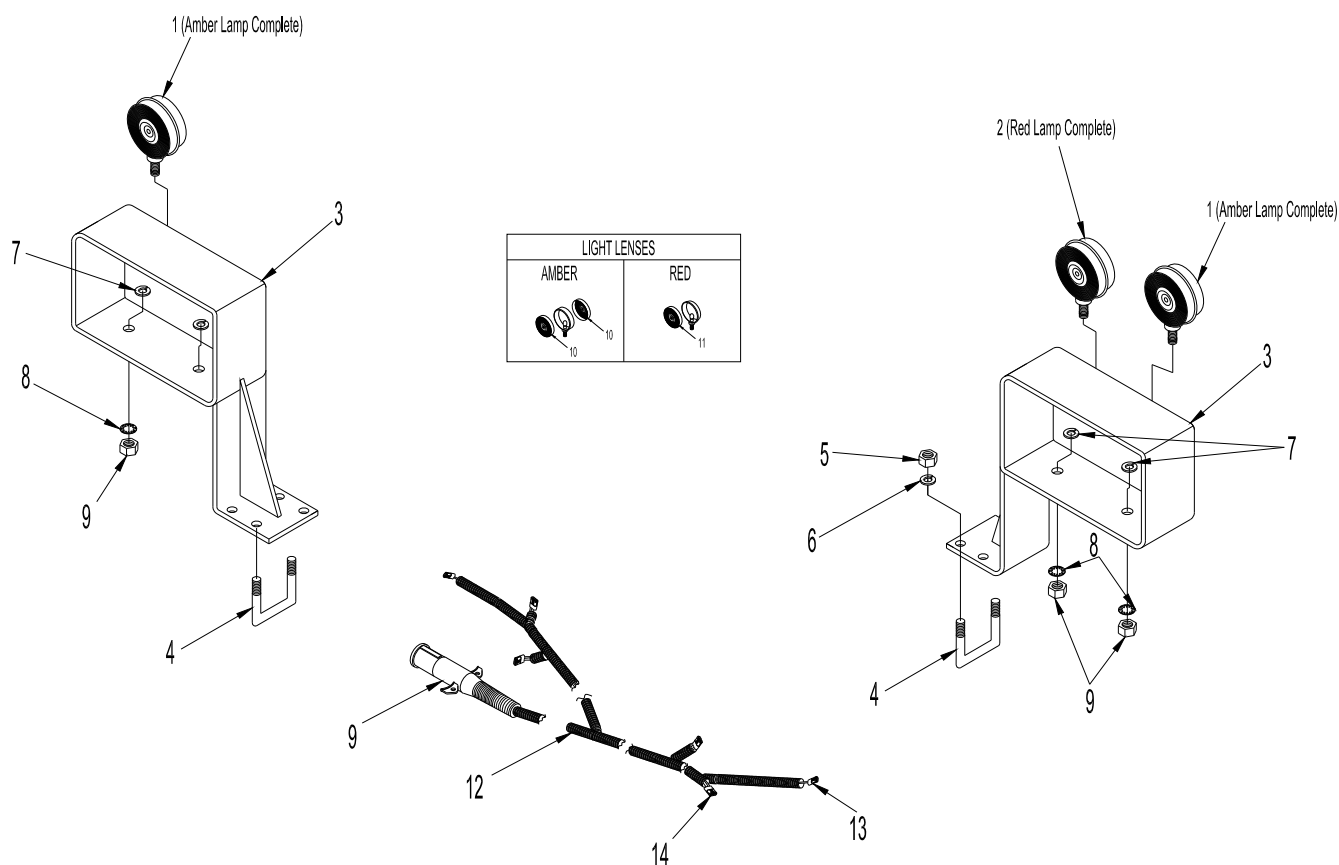
DISC LIGHT KIT
(used prior to 2002)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	D7170	RED & AMBER LIGHTS	1
2	D7171	LIGHT BRACKET	1
3	DG5308	1/2" x 2" (12.7 x 50.8mm) U-BOLT	1
4	B025012	1/4" x 1-1/4" (6.35 x 31.7mm) HEX BOLT	4
5	BN050	1/2" N.C. (12.7mm) HEX NUTS (Plated)	2
6	BN025	1/4" N.C. (6.35mm) HEX NUTS (Plated)	4
7	BW050L	1/2" (12.7mm) LOCKWASHERS	2
8	BW025L	1/4" (6.35mm) LOCKWASHERS	4
9	D7172	ELECTRICAL CORD WITH RECEPTACLE END	1



SAFETY LIGHT KIT (used 2002 to 2008)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LK6422	AMBER LAMP c/w WASHER AND NUT	2
2	LK6401	RED LAMP c/w WASHER AND NUT	1
3	LK6396	LAMP MOUNT BRACKET	2
4	DG5308	1/2" x 2" (12.7 x 50.8mm) U-BOLT	4
5	BN050	1/2" N.C. (12.7mm) HEX NUTS (Plated)	4
6	BW050L	1/2" (12.7mm) LOCKWASHERS	4
7	LK6407	1-1/8" x 1/2" (28.6 x 12.7mm) RUBBER WASHER	3
8	---	1/2" (12.7mm) STARWASHER	3
9	LK6407	1/2" (12.7mm) HEX NUT – N.F. THREAD	3
10	LK6409	AMBER LENS – for AMBER LAMPS	4
11	LK6410	RED LENS – for RED LAMPS	1
12	LK6423	MALE PLUG COMPLETE	1
13	LK6408	ELECTRICAL WIRE – (white/yellow/brown/green) – SUPPLIED IN BULK – STRAPPING AND CUTTING REQUIRED	1
14		PLASTIC LOOM	1



SAFETY LIGHT KIT (Optional)
(used 2008 and Later)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LK6426	AMBER LAMP c/w WASHER AND NUT	2
2	LK6425	RED LAMP c/w WASHER AND NUT	1
3	LK6396	LAMP MOUNT BRACKET	2
4	DG5308	1/2" x 2" (12.7 x 50.8mm) U-BOLT	4
5	BN050	1/2" N.C. (12.7mm) HEX NUTS (Plated)	4
6	BW050L	1/2" (12.7mm) LOCKWASHERS	4
7	LK6407	1-1/8" x 1/2" (28.6 x 12.7mm) RUBBER WASHER	3
8	---	1/2" (12.7mm) STARWASHER	3
9	LK6423	MALE PLUG COMPLETE	1
10	LK6429	AMBER LENS – for AMBER LAMPS	4
11	LK6430	RED LENS – for RED LAMPS	1
12	LK6427	WIRING HARNESS c/w PLUGS	1
13	A75919	2 - PIN PLUG - FEMALE	2
14	A75899	3 – PIN PLUG - FEMALE	2

Ezee-On

MODEL 8550 DISC HEAVY DUTY OFFSET

OWNER'S MANUAL

c/w

**Assembly Instructions
and
Parts List**

Manufactured by
Ezee-On Manufacturing
Vegreville, Alberta Canada

739J

Printed in Canada

INTRODUCTION

Thank you for deciding to purchase this Ezee-On manufactured product. In addition to having the traditional performance values of simplicity, reliability and durability, your new implement has been designed with a number of operational and safety features. We urge you to familiarize yourself with the operation and maintenance of this implement by reading this Manual carefully.

Remember that it is the responsibility of the operator to ensure that the implement is field ready. Should you encounter a problem however, please contact your dealer immediately.

This Manual contains the following:

- Assembly Instructions
- Operating (field) Instructions
- Parts listing



READ THIS BOOK CAREFULLY TO ENSURE THAT YOUR NEW DISC IS ASSEMBLED AND ADJUSTED CORRECTLY.

RIGHT and LEFT is determined by standing behind the machine and facing FORWARD in the direction of travel.



This symbol is used to identify safety messages. When you see this symbol, read the safety message carefully.

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Ezee-On Manufacturing reserves the right to make any changes in design, materials, prices and/or specifications without notice and without liability. Specifications and limited warranties are applicable to products manufactured for sale in North American and may vary outside this area.



5110 – 62nd Street
Vegreville, AB T9C 1N6
Canada

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www.ezeeon.com

Offset Disc Pre-Delivery Inspection/ Warranty Registration

Dealer Name _____ Location _____ Delivery Date: ____/____/____
Model _____ Width _____ Serial # _____ ☐ New Machine ☐ Demo
Unit _____

Items for Dealership technician to inspect prior to delivery:

- | | |
|--|--|
| ☐ Torque all wheel bolts/ lug nuts to specifications | ☐ Check Operator's Manual to ensure all decals are correctly installed |
| ☐ Check tire pressures are correct. (Affects leveling process) | ☐ Connect Disc to tractor with a suitable pin and then lift the hitch jack |
| ☐ Level machine. Refer to Operator's Manual for detailed instructions | ☐ Check hydraulic hoses are leak free and hydraulic cylinders are filled with oil |
| ☐ Lubricate the entire machine as recommended in the Operator's Manual | ☐ Adjust mounted harrows as required (if equipped) |
| ☐ Check tightness of all bolts | ☐ Check lateral (side-to-side) settings of front & rear gangs and hitch tongue |
| ☐ Check the correct # of depth stops are installed on mounting bar. (5)
(*Model 8550 Offset takes (8) depth stops) | ☐ Check all electrical components and connections |
| ☐ Set front and rear gangs at medium angle | ☐ Check operation of safety lights to ensure they function properly |
| ☐ Adjust scrapers so they come into contact with blades | ☐ Ensure hydraulic lockout valves function properly |

Pre-Delivery completed by _____ (signature) Date ____/____/____
mm dd yyyy

Items for Dealership staff to discuss with customer upon delivery:

- | | |
|---|--|
| ☐ Give the Operator's Manual to your customer | ☐ Connect hydraulics, wiring harness, safety chain, etc. |
| ☐ Inform your customer of all safety precautions, maintenance procedures, and proper operation of the Disc | ☐ Ensure machine functions properly. (Fold/Unfold, no leaks, lights work, etc) |
| ☐ Verify correct serial number | ☐ Take the Disc to a field (preferably where the ground is level, if possible) and perform all required leveling adjustments. Follow the Operator's Manual |
| ☐ Attach Disc to tractor | ☐ Explain warranty and fill out registration |
| ☐ Ensure hitch jack is in transport position | ☐ Start tractor and run all controls so your customer understands the correct operation of the Disc and ensure all functions of the Disc are working properly |

Warranty Registration

Owner's Name _____ Address _____ Town _____
Province/ State _____ Country _____ Postal/ Zip Code _____
Home Phone # _____ Cell Phone # _____ Email Address _____

*The owner hereby acknowledges receipt of the Operator's Manual and that all delivery checks have been completed as listed above. Owner furthermore acknowledges that the Operator's Manual is an integral part of the purchased equipment and it contains information important to the proper operation, maintenance, and safety procedures of this machine.

Owner's signature _____ Date ____/____/____
mm dd yyyy
Dealer's signature _____ Date ____/____/____
mm dd yyyy

Mail or Fax the original copy of this Warranty Registration and Pre-Delivery/Delivery Inspection to Ezee-On Manufacturing immediately after delivery.

Warranty Registration is mandatory. Failure to complete and return this form will delay the processing of warranty claims

EZEE-ON MANUFACTURING

Limited Warranty Policy

NORTH AMERICA

Ezee-On Manufacturing's products are warranted to the original non-commercial purchaser to be free from defects in material and workmanship for a minimum period of twelve (12) months from the original date of purchase.

Ezee-On Manufacturing's obligation under this warranty shall be limited to the repair or exchange, at Ezee-On's option, free of charge to the original purchaser, any part or component that, in our judgment, shows evidence of such defect. Further, that such part shall be returned within thirty (30) days from date of failure to Ezee-On Manufacturing, routed through the dealer and distributor from whom the equipment was purchased, **transportation charges prepaid**.

This warranty shall not be interpreted to render Ezee-On Manufacturing liable for injury or damages of any kind or nature to person or property. This warranty does not include claims for, or extend to the loss or damage of crops, loss because of delay in seeding/ planting or harvesting, or any expense or loss incurred for labor, substitute machinery, rental, transportation expense or for any other reason.

Except as set forth above, Ezee-On Manufacturing shall have no obligation or liability of any kind on account of any of its equipment and shall not be liable for special or consequential damages. Ezee-On Manufacturing makes no other warranty, expressed or implied, and, specifically, Ezee-On Manufacturing disclaims any implied warranty or merchantability or fitness for a particular purpose. The purchaser is solely responsible for determining suitability of Ezee-On equipment purchased. This warranty is subject to any existing conditions of supply, which may directly affect our ability to obtain materials or manufacture replacement parts.

Ezee-On reserves the right to make improvements in the design of products and/ or changes in specifications at any time, without incurring any obligation to owners of units previously sold. No one other than Ezee-On Manufacturing is authorized to alter, modify or enlarge this warranty.

Genuine Ezee-On replacement parts and components will be warranted for 90 days from date of purchase, or the remainder of the original equipment warranty period, whichever is longer.

Under no circumstances will this warranty cover any merchandise or components thereof, which, in the opinion of the Company, has been subjected to misuse, unauthorized modifications, alteration, an accident or if repairs have been made with parts other than those obtainable through Ezee-On Manufacturing.

Commercial Use: Warranty for commercial, rental or custom use of any Ezee-On product is limited to 90 days, parts and labor.

Twelve Months Warranty:

All Ezee-On manufactured products are warranted for twelve consecutive months from the date of delivery of the new Ezee-On product to the original non-commercial purchaser.

- 1-12 Months: 100% parts and labor coverage

Extended Coverage Limited Warranty (24 additional months):

Air Drills, Coulter Drills, Air Carts, Cultivators, Chisel Plows, Offset and Tandem Discs and Post Drivers carry limited extended warranty. Ezee-On Manufacturing's obligations under this extended warranty coverage shall be limited to repair or exchange, at Ezee-On Manufacturing's option, for the original, non-commercial owner:

- 13-24 Months: 100% Ezee-On manufactured components only, NO labour – see below for description
- 25-36 Months: 50% Ezee-On manufactured components only, NO labour – see below for description

Ezee-On manufactured components are, but not limited to: frames, axles, hitches, castor assemblies, packers, turnbuckles, rockshafts, packer frames, packers, air cart seed and fertilizer tanks, seed cups, metering rollers, augers, harrows, etc.

NON Ezee-On manufactured components are, but not limited to: monitors, tires, rims, disc blades, bearings, hydraulic motors, pumps & controls, cylinders, hoses and valves; sprockets, chain, rubber packer tires, polyurethane packers, coulter blades, shanks, springs, bolts, pulleys, air hoses, sweeps, spikes, spoons, seals, power wheels, hitch jacks, hubs and wheels.

The Company in no way warrants engines, batteries, coulter assemblies, rubber tires, or other trade accessories since these items are warranted separately by their respective manufacturers.

T2-215 Bearing Extended Coverage Limited Warranty:

Seven year limited warranty: Extended coverage (13-84 months) on T2-215 Series bearing is limited to the replacement of ball bearings and seals for the original, non-commercial owner. Associated bearing parts, labor, freight, etc., are not covered.

Warranty Limitations and/ or Exclusions:

1. Buckets, bucket tines, bale spears & tines, grapple tines, pallet forks, shanks, all ground engaging tools, including disc blades, air seeder hose and other normal wear parts/ items carry NO warranty.
2. There is no warranty coverage if parts or attachments, other than those made or marketed by Ezee-On Manufacturing have been used in connection with the unit, and in the sole judgment of Ezee-On, such use affects its performance or reliability.
3. If the equipment has been altered or repaired in a manner which, in the sole judgment of Ezee-On, affects its performance, stability or reliability.
4. The purchaser shall be responsible for dealer travel time to the machine or to deliver the machine to the dealer's service shop for repair. Ezee-On Manufacturing does not cover delivery charges or travel time.

This warranty policy is subject to change without prior written notice at Ezee-On Manufacturing's sole discretion.

Effective: September 1, 2004

SAFETY RECOMMENDATIONS



WATCH FOR THIS SYMBOL AS IT IDENTIFIES IMPORTANT SAFETY MESSAGES. WHEN YOU SEE THIS SYMBOL, READ THIS SAFETY MESSAGE CAREFULLY.

SAFETY

You are responsible for the safe operation and maintenance of your Ezee-On implement. You must ensure that you and anyone else who is going to operate, maintain or work around the equipment be familiar with the operating and maintenance procedures and related safety information contained in this manual. This manual will alert you to all good safety practices.

You are the key to safety. Good safety practices not only protect you but also the people around you. Make these practices a working part of your safety program. Be certain that EVERYONE operating this equipment is familiar with the recommended operating and maintenance procedures and follows all the safety precautions. Most accidents can be prevented. Do not risk injury or death by ignoring good safety practices.

1. Owners must give operating instructions to operators or employees before allowing them to operate the unit.
2. The most important safety device on this equipment is a SAFE operator. It is the operator's responsibility to read and understand ALL Safety and Operating instructions in the manual and to follow these. All accidents can be avoided.
3. A person who has not read and understood all operating and safety instructions is not qualified to operate the machine. An untrained operator exposes himself and bystanders to possible serious injury or death.
4. Do not modify the equipment in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the equipment.
5. Think SAFETY! Work SAFELY!

GENERAL SAFETY

1. Read and understand the Operator's Manual and all safety signs before operating, maintaining or adjusting the unit.
2. Only trained competent person(s) shall operate the unit. An untrained operator is not qualified to operate the machine.
3. Have a first-aid kit available for use should the need arise and know how to use it.
4. Do not allow riders.
5. Have a fire extinguisher available for use should the need arise and know how to use it.
6. Lower machine to the ground, place all tractor controls in neutral, stop engine, turn monitor off, set park brake and remove ignition key, before servicing, adjusting, repairing this implement.
7. Review safety related items with all personnel annually.



ASSEMBLY SAFETY

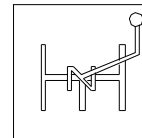
1. When assembling disc, use aligning punch to line up holes. Keep fingers out of holes. Any sudden movement of heavy components will severely injure or sever your fingers.
2. Use adequate manpower or hoist to lift the heavy components into place. Attempting to lift heavy components by yourself could cause serious injury.
3. Be sure all bolts and hydraulic fittings are tight, and all cotter pins are installed in the slotted nuts and pins.
4. Support the main and wing frames securely before assembling the components. Inadequate support may result in the heavy components falling and causing serious injury to you or person(s) nearby.
5. Be sure all wheel bolts are checked for tightness during initial transport or when first discing. Loose wheel bolts may result in the wheel falling off, causing serious damage to the disc and may cause serious injury to the operator or person(s) nearby.

ASSEMBLY SAFETY CONTINUED:

6. Be sure all wheel bolts are checked for tightness during initial transport or when first discing. Loose wheel bolts may result in the wheel falling off, causing serious damage to the disc and may cause serious injury to the operator or person(s) nearby.
7. Hydraulic oil escaping under pressure has sufficient force to cause serious injury. Relieve pressure in all hydraulic components before disconnecting any hydraulic components. Before applying pressure to hydraulic system, be sure all connections are tight and components are not damaged. If injured by escaping hydraulic fluid, see a medical doctor immediately.
8. When attaching gang assemblies, wear protective gloves to prevent injury from cutting edges of blades.
9. Before applying pressure to the hydraulic system, be sure all connections are tight and the components are not damaged.
10. If hydraulic cylinder shaft is unpinned and cycled to fill the cylinder with oil, it can be seriously damaged if clevis of shaft strikes rockshaft arm.
11. When assembling gangs be sure adequate support is placed under main frame and wing frames. Do not use lock out valves as safety device to prevent frame from falling. If any hydraulic component failed, disc could drop causing serious injury or death to person(s) nearby.

MAINTENANCE SAFETY

1. Review the Operator's Manual and all safety items before working with maintaining or operating this disc.
2. Lower machine to the ground, place all tractor controls in neutral, stop engine, turn monitor off, set park brake and remove ignition key before servicing, adjusting, or repairing disc.
3. If disc must be serviced in raised position, place blocks under frame. If the hydraulic system failed or if the hydraulic lever was accidentally operated, the disc could drop suddenly.
4. Follow good shop practices:
 - Keep service area clean and dry.
 - Be sure electrical outlets and tools are properly grounded.
 - Use adequate light for the job at hand.
5. Before applying pressure to a hydraulic system, make sure all components are tight and hoses and couplings are in good condition.
6. Relieve pressure from hydraulic cylinder before servicing or disconnecting from tractor.
7. Always wear safety glasses or goggles and gloves when working on hydraulic system.
8. Clear the area of bystanders when carrying out any maintenance and repairs or making any adjustments.
9. Place stands or blocks under the frame before working beneath the machine or when changing tires.
10. Use only tools, jacks and hoists of sufficient capacity for the job.
11. When inflating tires use a clip-on chuck and air hose extension which will allow operator to stand clear of the tire and wheel assembly. Do not stand in front of or over tire when inflating. Exploding tire and wheel parts can cause serious injury or death.

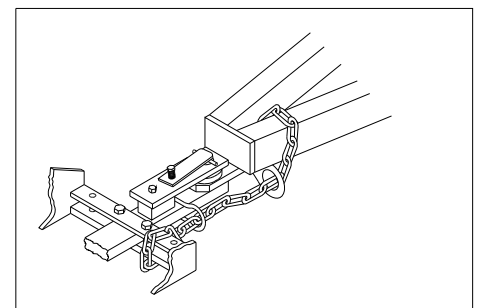
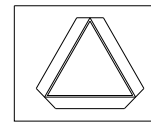


HYDRAULIC SAFETY

1. Always place all tractor hydraulic controls in neutral before dismounting.
2. Make sure that all components in the hydraulic system are kept in good condition and are clean.
3. Replace any worn, cut, exposed, flattened or crimped hoses.
4. Do not attempt any makeshift repairs to the hydraulic lines, fittings or hoses by using tape, clamps or cements. The hydraulic system operates under extremely high pressure. Such repairs will fail suddenly and create a hazardous and unsafe condition.
5. Wear proper hand and eye protection when searching for a high pressure hydraulic leak. Use a piece of wood or cardboard as a backstop instead of hands to isolate and identify a leak.
6. If injured by escaping hydraulic fluid, seek medical attention immediately. Serious infection or toxic reaction can develop from hydraulic fluid penetrating the skin surface.
7. Before applying pressure to the system, make sure all components are tight and that hoses and couplings are in good condition.

TRANSPORT SAFETY

1. Read and understand ALL the information in the Operator's Manual regarding procedures and SAFETY before operating this disc in the field and/or on the road.
2. Check with local authorities regarding transporting this implement on public roads.
3. Always transport at a safe speed. Use caution when turning corners or meeting traffic.
4. Make sure the SMV (Slow Moving Vehicle) emblem and all the lights and reflectors that are required by the local highway and transport authorities are in place, are clean and can be seen clearly by all overtaking and oncoming traffic.
5. Be sure all amber and red lights are working to safeguard against rear end collisions. Daybreak and dusk are particularly dangerous.
6. Be sure that the disc is securely attached to the tractor. Always use a safety chain between the machine and the tractor.
7. Do not exceed 20 mph (32 km/h). Reduce speed on rough roads and surfaces.
8. Always use hazard warning flashers on tractor when transporting unless prohibited by law.



OPERATION SAFETY

1. Read and understand the Operator's Manual and all safety signs before using this disc.
2. Lower machine to the ground, place all tractor controls in neutral, stop engine, set park brake and remove ignition key before servicing, adjusting or repairing implement.

OPERATION SAFETY CONTINUED:

3. Do not allow riders on the disc or tractor during operation or transporting.
4. Clear the area of all bystanders, before moving tractor and disc.
5. Clean reflectors, SMV and lights before transporting.
6. Attach disc securely to tractor using a hardened pin and a safety chain.
7. Do not exceed a safe travel speed.
8. Use hazard flasher on tractor and disc when transporting.
9. Stay away from overhead power lines when folding or unfolding wings and during transport.
10. Before applying pressure to the hydraulic system, make sure all components are tight and that hoses and couplings are in good condition.
11. Review safety instructions annually.

TIRE SAFETY

1. Failure to follow proper procedures when mounting a tire on a wheel or rim can produce an explosion which may result in serious injury or death.
2. Do not attempt to mount a tire unless you have the proper equipment and experience to do the job.
3. Have a qualified tire dealer perform required tire maintenance.

SAFETY DECALS

1. Keep safety decals clean and legible at all time.
2. Replace safety decals that are missing or have become illegible.

STORAGE SAFETY

1. Store unit in an area away from human activity.
2. Do not permit children to play on or around parked implement.

SPECIFICATIONS

MODEL	APPROXIMATE CUTTING WIDTH	NO. of BLADES	SPACING	NO. of WHEELS	NO. of GANG BEARINGS
8554-17B	9-1/2' (2.9m)	17	14" (356mm)	4	6
8554-19B	10-1/2' (3.2m)	19	14" (356mm)	4	6
8554-21B	11-1/2' (3.5m)	21	14" (356mm)	4	8
8554-23B	12-1/2' (3.8m)	23	14" (356mm)	4	8
8554-25B	14' (4.3m)	25	14" (356mm)	4	10
8554-27B	15-1/2' (4.7m)	27	14" (356mm)	4	10

TIRE SIZE - 12.5L x15 FI Load Range AF≡

TIRE INFLATION - 85 PSI - (586 kPa)

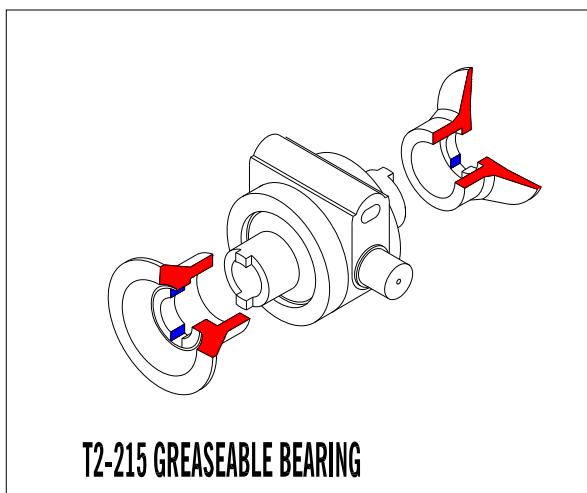


CAUTION: WHEN INFLATING TIRES USE A CLIP-ON CHUCK AND HOSE EXTENSION WHICH WILL ALLOW OPERATOR TO STAND CLEAR OF TIRE AND WHEEL ASSEMBLY. DO NOT STAND IN FRONT OF OR OVER TIRE WHEN INFLATING. EXPLODING TIRE AND WHEEL PARTS CAN CAUSE SERIOUS INJURY OR DEATH.

GANG ANGLE - Front & Rear Gang Angles - 22 and 25 degrees

BOLT TORQUES - Gang Bolts1-15/16" (49mm) Diameter 3800 ft. lbs. (5152 N.m)
 Gang Beam Bolts1-1/2" (38.1mm) Diameter 1940 ft. lbs. (2630 N.m)
 Wheel bolts9/16" (14.2mm) Diameter 150 ft. lbs. (203.0 N.m)
 Bearing Hanger U-Bolts.....7/8" (22mm) Diameter 430 ft. lbs. (583.0 N.m)

GANG BEARINGS

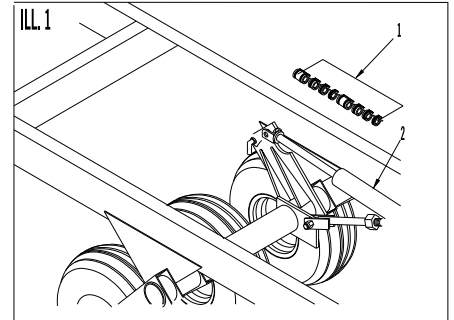


GENERAL OPERATING INSTRUCTIONS



CAUTION: NEVER STAND BETWEEN THE TRACTOR AND DISC WHEN HITCHING DISC TO THE TRACTOR UNLESS ALL TRACTOR CONTROLS ARE IN NEUTRAL AND THE PARK BRAKE IS ON. THE TRACTOR COULD ROLL BACKWARDS WHICH COULD RESULT IN SERIOUS INJURY OR DEATH TO YOU OR PERSON(S) NEARBY.

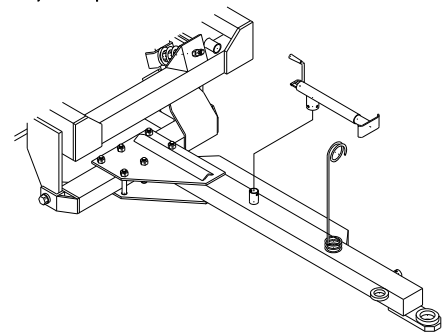
1. Before operating disc, refer to safety precautions on pages 4 to 7. Review disc safety items applicable to road transport and field operation of disc.
2. Do not make sharp turns with the disc in ground. Sharp turns put excess pressure on the gangs. It is advisable to always lift machine out of ground for making sharp turns. Excessive side thrust is applied to bearings and machine if disc is turned while it is in the ground.
3. For best performance, the tractor drawbar should be pinned at centre of tractor.
4. Ensure that disc is level and cutting depth is properly adjusted, see Section 10 on page 10.
5. SEE ILL. 1. Before transporting disc, lock wheels in down position by installing all the depth control segments (17-1/2" Lg) arrow 1, on lift cylinder, arrow 2.



CAUTION: WHEN TRANSPORTING THE DISC, ALWAYS LOCK THE ROCKSHAFT BY INSTALLING ALL DEPTH CONTROL SEGMENTS (17-1/2" Lg) ON LIFT CYLINDER. IF THE HYDRAULIC SYSTEM FAILED, OR IF THE HYDRAULIC LEVER WAS ACCIDENTALLY OPERATED, THE DISC COULD DROP, RESULTING IN SERIOUS DAMAGE TO THE DISC AND SERIOUS INJURY OR DEATH TO OPERATOR AND PERSON(S) NEARBY.

6. **IMPORTANT:** When transporting disc, **DO NOT** exceed speed of 20 MPH (32 km/h). Reduce speed on rough roads or surfaces.
7. **IMPORTANT:** See ILL. 4. Do not disc with front gangs cutting deeper than rear gangs. Disc must be level. If front gangs are lower, excessive strain will be placed on blades, gang bearings frame, and hitch, which could lead to premature parts failure, especially outside blades of front gangs. To level disc adjust levelling crank, arrow 1. To lower front gangs turn crank in. To raise front gangs turn crank out.
8. **IMPORTANT:** Hitch jack must be placed as shown in ILL. 2 when disc is in motion, and as shown in ILL. 2 when jack supports hitch.

ILL. 2 Pin hitch jack to top of hitch when disc is in use.



IMPORTANT: If hitch jack is placed in horizontal position on side mount tube (ILL. 3) when operating disc, jack could be severely damaged by tractor tire when turning.

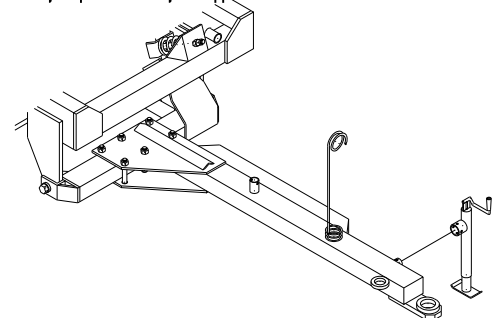


CAUTION: DO NOT EXCEED 20 MPH (32 km/h) WHEN TRANSPORTING DISC ON SMOOTH ROADS. REDUCE SPEED WHEN TRANSPORTING ON ROUGH ROADS. EXCESSIVE SPEED COULD CAUSE LOSS OF TRACTOR CONTROL AND DAMAGE TO DISC AND TRACTOR. DO NOT TRANSPORT DISC WITH ANY OTHER VEHICLE EXCEPT TRACTOR.



ALWAYS USE HAZARD WARNING FLASHERS ON TRACTOR WHEN TRANSPORTING UNLESS PROHIBITED BY LAW.

ILL. 3 Hitch jack position when jack supports hitch.



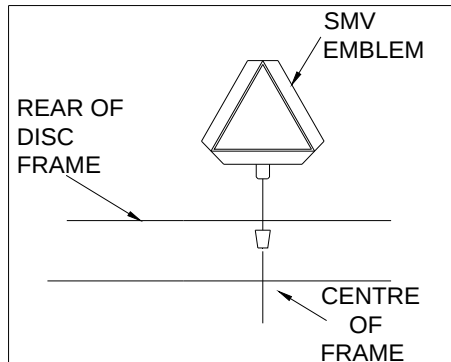
9. **IMPORTANT:** When disc is parked with blades resting on frozen ground, do not attempt to lift disc out of frozen ground by lowering transport wheels. Lifting disc out of frozen ground with transport wheels may cause serious damage to disc components. Damage will most likely occur to lift cylinder and rockshaft cylinder arm.



CAUTION: Always put all tractor controls in neutral, set the park brake and shut the engine off before servicing the disc. If the tractor and disc were to roll, you could be seriously or fatally injured.

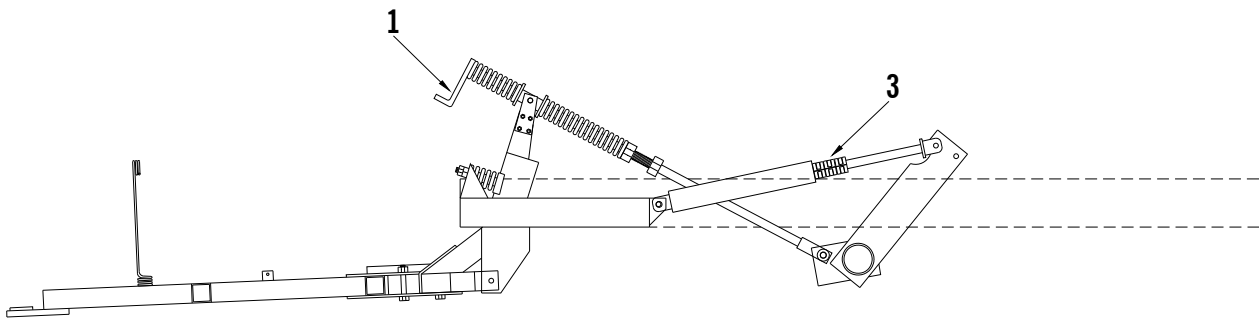


CAUTION: When trailing the disc over public roads, use the SMV emblem and warning lights for protection of tractor and other motor vehicle operators. Check local laws for width and weight maximums.



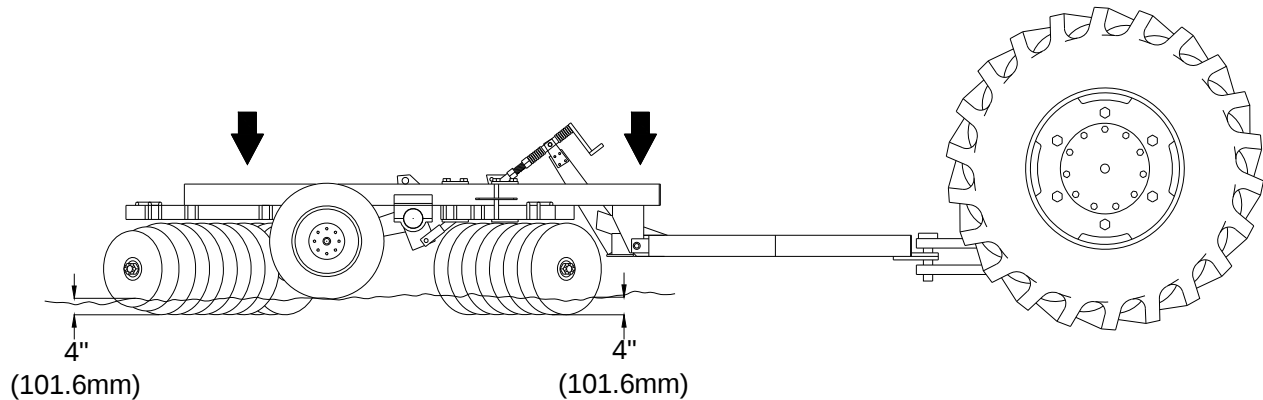
CAUTION: When operating on hillsides, use extreme care. Tractor may tip sideways, if it strikes holes, ditch or other irregularities.

ILL. 4



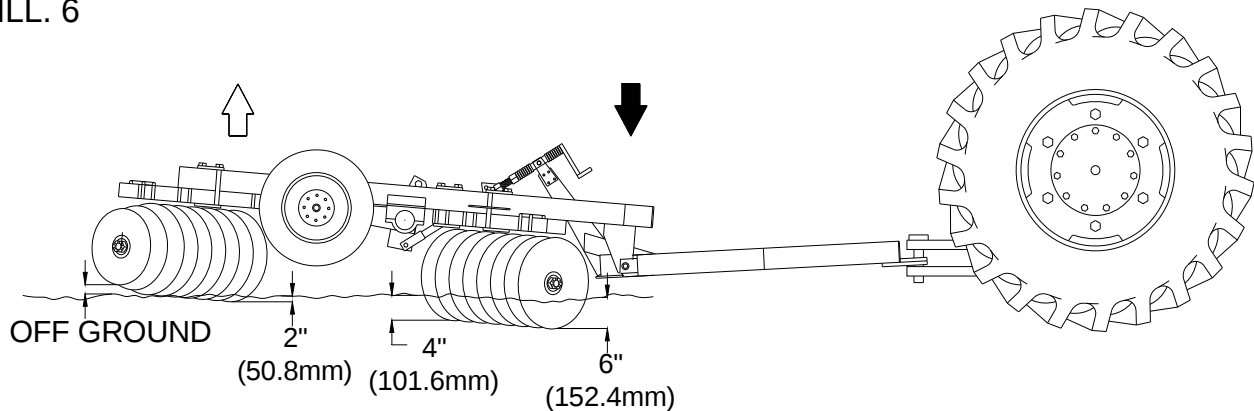
10. **SETTING DISCING DEPTH** - See ILL. 4. To set discing depth lower disc into the ground while moving forward until disc reaches desired discing depth. Install the necessary depth control stops, arrow 3, on lift cylinder shaft to maintain the desired cutting depth.
11. **IMPORTANT:** Before disconnecting hydraulic hoses from tractor, release pressure in hydraulic cylinders. Serious damage could occur to hydraulic cylinder if oil expansion takes place due to warm weather or if disc is stored in heated building.

ILL. 5



CORRECT - WHEELS ON GROUND GAUGING DISCING DEPTH

ILL. 6



INCORRECT - WHEELS OFF GROUND

12. To keep disc level, transport wheels must be in contact with ground, to gauge desired discing depth, as shown in ILL. 5.

If conditions are such that disc can not penetrate to maximum depth, do not raise transport wheels off ground as shown, in ILL. 6. Raised transport wheel will cause front of disc to drop causing front gangs to cut deeper than rear gangs.

Front of disc will drop because rockshaft and hitch are linked. Hitch rises when wheels are raised off ground. Since hitch is fixed to tractor drawbar, front end of disc is forced down, transferring weight of rear gangs to front gangs.

With front of disc lower than the rear, the front outside blades will cut much deeper than the front inside blades. This means most of the disc's weight is placed on the front outside blade, forcing them deep into the ground.

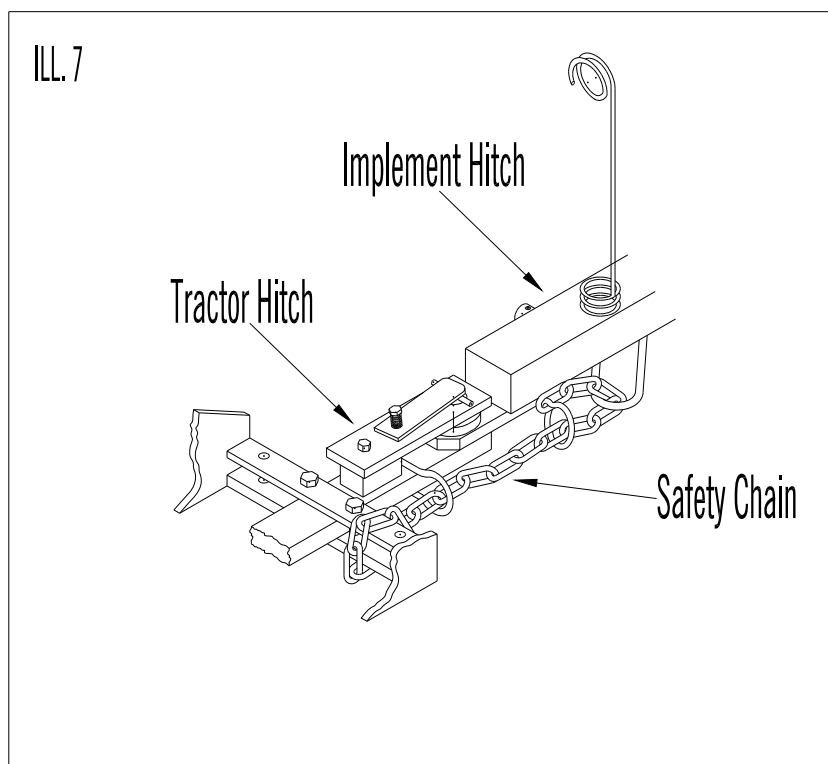
Uneven and deep front gang penetration in tough conditions will place excessive strain on blades, gang bearings, frame and hitch will probably lead to a premature failure of parts, especially outside blade of front gangs.

IMPORTANT: Operating disc with transport wheels off ground will cause uneven discing job, and place undue strain on machine, which could lead to parts failure. Always operate disc with transport wheels on ground even if conditions will not allow disc to penetrate to maximum depth.



CAUTION: Never allow anyone to ride on drawbar of the tractor or on the disc. The person riding may fall and be seriously injured.

13. See ILL. 7. Attach a safety chain to the tractor drawbar (or transport vehicle's hitch) and to the disc's hitch before transporting the disc. Use a chain with strength rating greater than the gross weight of disc (safety chain available as an option).



CAUTION: When transporting disc, be sure to attach safety chain to tractor drawbar and disc hitch. The safety chain will help control disc should it accidentally separates from the tractor drawbar. Use chain with a strength rating greater than the gross weight of the implement. Serious damage, injury or death could result from the disc separating from the transport vehicle's hitch.



CAUTION: WHEN TRANSPORTING THE DISC OVER PUBLIC ROADS OR HIGHWAYS, ALWAYS CHECK LOCAL LAWS REGARDING WIDTH, HEIGHT AND WEIGHT RESTRICTIONS.



WARNING: BE SURE ALL AMBER AND RED LIGHTS ARE WORKING TO SAFEGUARD AGAINST REAR END COLLISIONS. DAYBREAK AND DUSK ARE PARTICULARLY DANGEROUS.



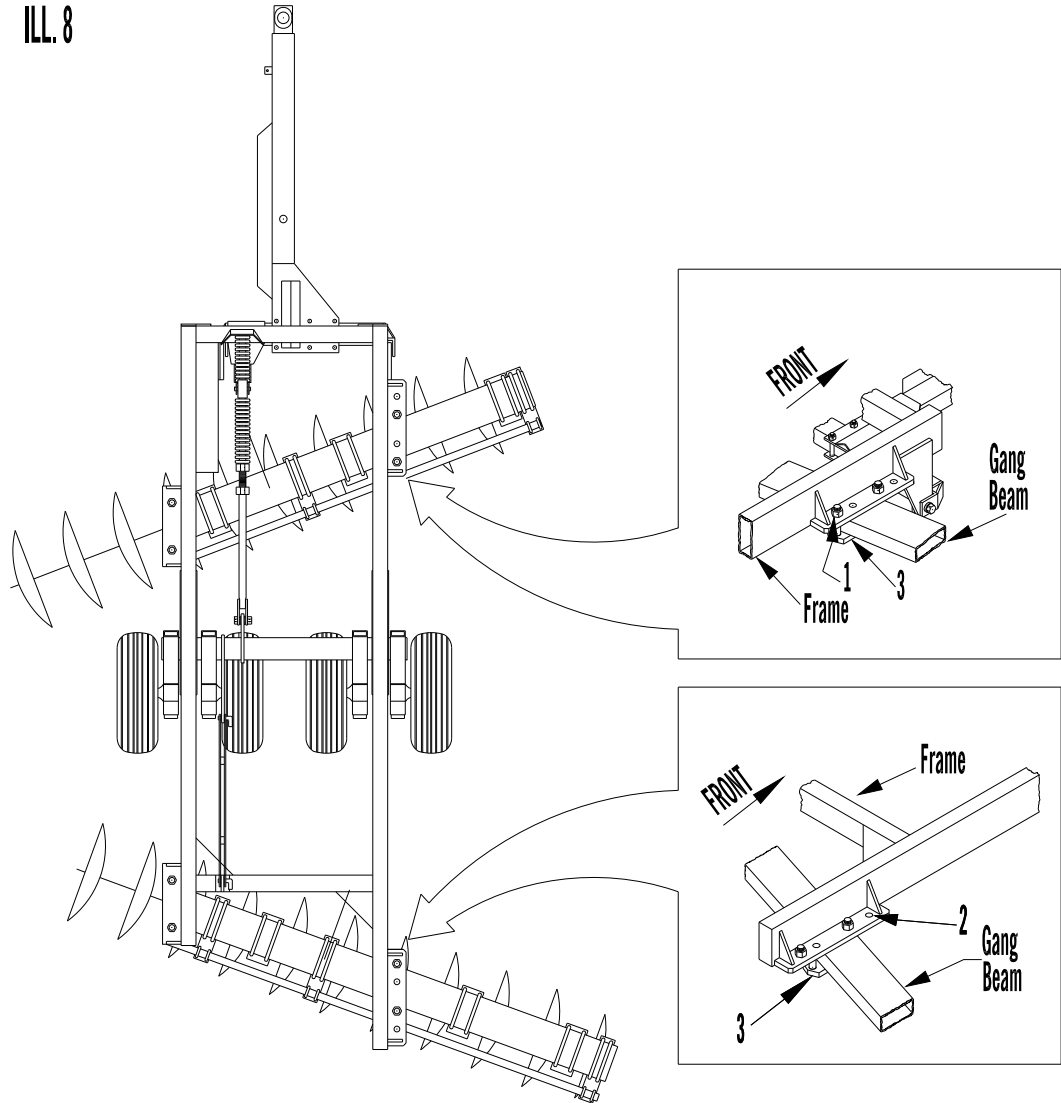
WARNING: NEVER ALLOW ANYONE TO RIDE ON DRAWBAR OF THE TRACTOR OR ON THE DISC. THE PERSON RIDING MAY FALL AND BE SERIOUSLY INJURED.



WARNING: ALWAYS LOWER THE DISC TO THE GROUND WHEN SERVICING OR MAKING ADJUSTMENTS. IF THE DISC MUST BE SERVICED OR ADJUSTED IN THE RAISED POSITION, MAKE SURE FRAME IS ADEQUATELY BLOCKED. DO NOT RELY ON HYDRAULIC LOCK-UP VALVES AS A SAFETY DEVICE. IF ANY COMPONENT OF THE HYDRAULIC SYSTEM FAILED, OR IF THE HYDRAULIC LEVER WAS ACCIDENTALLY OPERATED, THE DISC COULD DROP SUDDENLY.

14. **VERY IMPORTANT:** WHEN PARKING OR STORING DISC, ALWAYS RELIEVE PRESSURE IN HYDRAULIC CYLINDERS. HYDRAULIC CYLINDER OR OTHER COMPONENTS COULD FAIL IF THERMAL EXPANSION OF HYDRAULIC OIL TAKES PLACE DUE TO WARM WEATHER OR IF DISC IS STORED IN HEATED BUILDING.

ILL. 8



ADJUSTMENTS

1. SETTING ANGLE OF FRONT AND REAR GANGS: See ILL. 8.

NOTE: Gang angle adjustments are made on right hand side of frame.

The gangs can be set at 2 different angles. The angles the gangs are set at is determined by soil conditions. A field with hard soil will require more cutting angle to penetrate soil then a field with soft soil. If disc pushes dirt instead of cutting through, less cutting angle is required.

Initially, a medium angle setting is recommended.

Front gang should be set at the same angle as the rear gang. For example, if rear bolt, arrow 1, of front gang is installed in the rear hole, then the rear bolt, arrow 2, of rear gang must be installed in second hole from rear as shown in ILL. 8.

IMPORTANT: Excessive gang angle add pressure to the gangs and will decrease the life of the bearings, blades, etc.
When gangs are set at an extreme angle, more horsepower is required to pull disc.

2. LATERAL ADJUSTMENT OF THE FRONT GANGS (See ILL. 8):

- a) Position front gang so that there is 1 more blade extended beyond the left side of frame than the right side of frame.

3. LATERAL ADJUSTMENT OF THE REAR GANGS (See ILL. 8):

The proper position of rear gang will result in level discing job. The discing speed, discing depth, gang angle, soil conditions will have a bearing on this setting. If the rear gang is set too far to the left hand side rear gangs will leave a ridge on left hand side. If rear gang is set too far to the right hand side, rear gangs will leave a furrow on left hand side.

An increase in discing speed may require the rear gang to be moved farther to the right hand side. A decrease in discing speed may require rear gangs to be moved farther to the left hand side.

If gang angle is increased for deeper discing depth, the rear gang usually must be moved farther to the right hand side. If gang angle is decreased for a shallower discing depth, the rear gang usually must be moved farther to the left hand side.

To start with, set rear gangs so the leading edge of the outside blade on the left side lines up with the centre of the second blade of the front gang, as shown in ILL. 8, then adjust to suit your discing depth, speed and soil conditions.

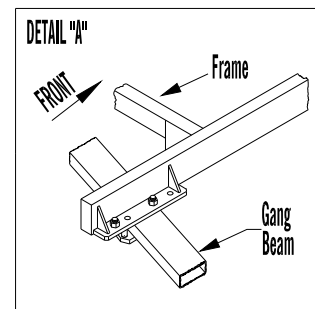
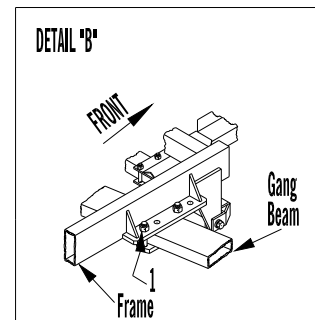
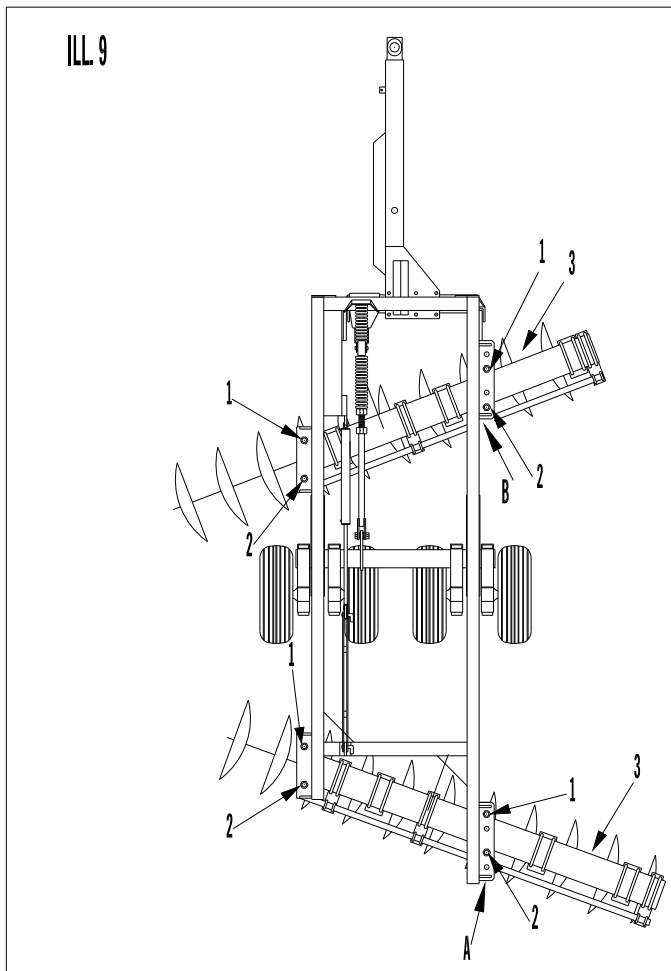
NOTE: If bearing hanger restricts movement of rear gangs, make desired adjustment by moving the front gang.

**YOUR SAFETY IS IN
YOUR HANDS**

BE ALERT!!!

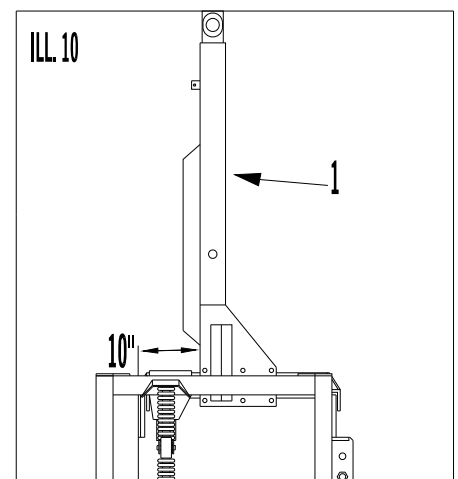
4. See ILL. 9. When gang adjustments are complete, tighten gang beam clamp plate bolts, arrows 1 and 2. Before tightening clamp plate bolts, be sure gang beams, arrow 3, are placed against rear clamp plate bolts, arrow 2.

IMPORTANT: The clamp bolts must be kept tight at all times. If clamp bolts are loose, serious damage will occur to frame gang beam, clamp plate and 1-1/2" bolts.

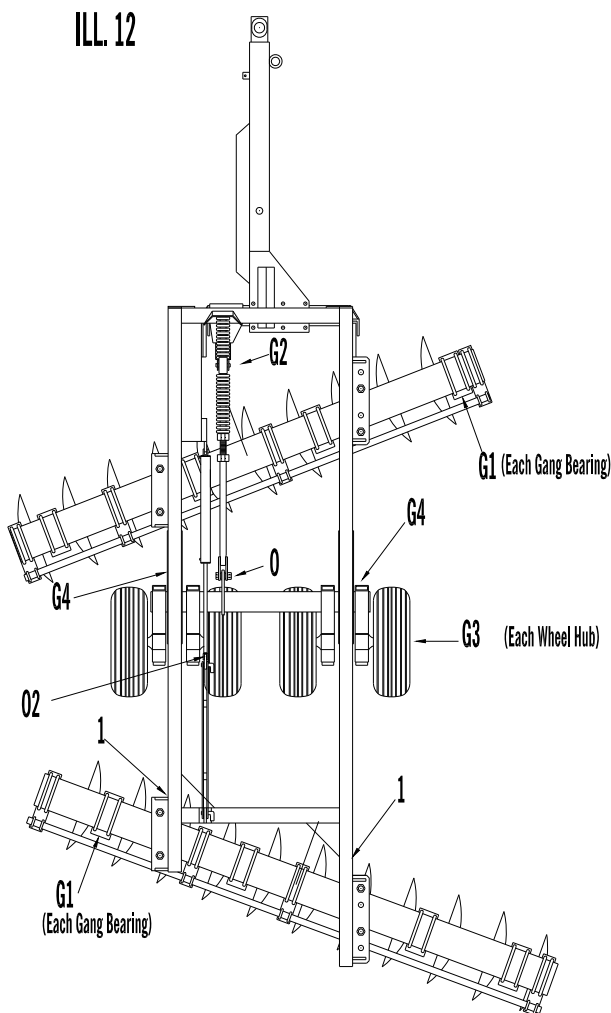
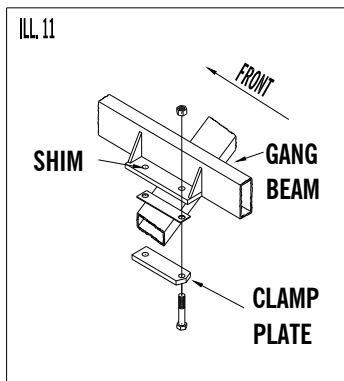


5. See ILL. 10. Hitch tongue, arrow 1, should be fastened 10" from left side of drawbar.

If disc side drafts, further hitch adjustments may be required. See page 10 of TROUBLE SHOOTING.



MAINTENANCE



1. Lubrication - All lubrication points on disc are marked with arrow "G" or "O" in ILL. 12.
 - a) T2-215 Gang Bearing - lubricate every 20 hours of operation. Lubricate until grease comes out around seal. Excessive lubrication will not damage seals. Use high quality SAE multi-purpose grease (marked arrow G1).
 - b) Lubricate levelling crank every 100 hours of operation. (Marked arrow "G2")
 - c) Lubricate the wheel hub every 50 hours of operation. (Marked arrow "G3")
 - d) Lubricate top and bottom half of each rockshaft bearing every 20 hours of operation. (Marked arrow "G4")
 - e) Lubricate levelling crank ball joint welded to rockshaft levelling arm with oil or grease (marked arrow "O1"), ball joint should be free to turn in ball joint. Lubricate at the end and beginning of each season.
- a) Lubricate rockshaft cylinder pins (with oil) every 50 hours or operation (marked arrow "O2").

NOTE: When you receive your new disc, grease all lubricating points before starting to disc.



CAUTION: Lower machine to the ground, place all tractor controls in neutral, stop engine, set park brake and remove ignition key before servicing, adjusting or repairing disc.



CAUTION: If the disc must be serviced in the raised position, place blocks under frame. If the hydraulic system failed, or if the hydraulic lever was accidentally operated, the disc could drop suddenly.



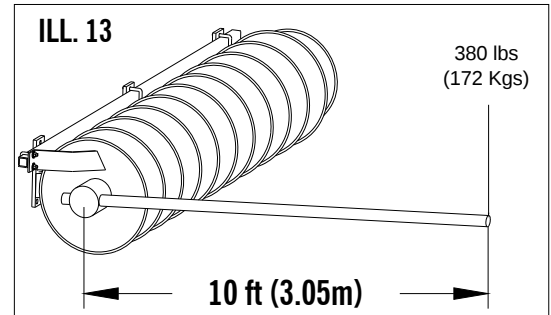
CAUTION: Do not lubricate the disc when it is in motion. You may fall and be seriously or fatally injured.

2. All bolts and nuts should be checked periodically to make sure they are tight. Special attention should be given to gang bolts, bearing bolts and bearing hanger U-bolts, and wheel bolts.

They should be tightened as follows:

Σ Gang bolts 1-15/16" (49 mm) Diameter -tighten to 3800 ft. lbs torque (5152 N · m)

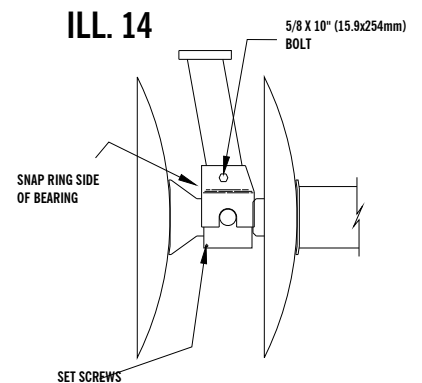
See ILL. 13. To tighten gang bolt to 3800 ft. lbs (5152 N.m) install a 10ft. (3.05m) bar in socket wrench and apply 380 lbs. (172Kgs) of force to end of bar.



IMPORTANT: After repairing a gang, the gang bolt should be retightened after approximately 2 hours of operation.

IMPORTANT!!!
SEVERE DAMAGE WILL OCCUR IF GANG BOLTS ARE LOOSE.

- Σ Gang beam bolts 1-1/2" (38.1 mm) Diameter --- 1940 ft. lbs (2630 N · m)
- Σ Levelling crank bolt 1-1/4" (31.7 mm) Diameter - 840 ft. lbs (1139 N · m)
- Σ Wheel bolts 9/16" (14.2 mm) Diameter ----- 150 ft. lbs (203.0 N · m)
- Σ Bearing hanger U-bolts 7/8" (22 mm) Diameter -- 430 ft. lbs (583.0 N · m)



3. When storing disc for a long period of time, grease all lubricating points.
4. Keep the pressure equal on all wheels. The amount of the pressure will depend on size of tires, weight of disc and field conditions.
5. **IMPORTANT:** SEE ILL. 14. IF T2-215 BEARING MUST BE DISMANTLED, DOUBLE SET SCREWS MUST BE REMOVED FROM BOTTOM OF HOUSING TO REMOVE SEAL CAP.
6. See ILL. 14. When reinstalling bearing hanger on **T2-215 Bearing** (if gang is dismantled) do not over tighten the 5/8" x 10" (15.7 mm x 254 mm) bolts, which fasten hanger to bearing. Turn lock nut until it is snug against bearing hanger. The bolt may fail prematurely if it is over tightened.
7. See ILL. 14. If T2-215 series bearings must be dismantled, double set screws must be removed (at bottom of casting) to remove seal cap.



CAUTION: WHEN INFLATING TIRES USE A CLIP-ON CHUCK AND AIR HOSE EXTENSION WHICH WILL ALLOW OPERATOR TO STAND CLEAR OF TIRE AND WHEEL ASSEMBLY. DO NOT STAND IN FRONT OF OR OVER TIRE WHEN INFLATING. EXPLODING TIRE AND WHEEL PARTS CAN CAUSE SERIOUS INJURY OR DEATH.



CAUTION: DO NOT LOOSEN OR DISASSEMBLE HYDRUALIC COMPONENTS WHEN THERE IS PRESSURE WITHIN THOSE COMPONENTS. ESCAPING HYDRAULIC FLUID UNDER PRESSURE HAS SUFFICIENT FORCE TO PENETRATE SKIN. ALWAYS RELIEVE THE PRESSURE IN THE HYDRAULIC SYSTEM BEFORE MAKING ADJUSTMENTS TO THE HYDRAULIC SYSTEM.



CAUTION: CHECK ALL HYDRAULIC HOSES PERIODICALLY FOR SIGNS OF RUPTURES AND LEAKS. ALWAYS USE WOOD OR CARDBOARD AS A BACKSTOP, AND WEAR GLOVES AND EYE PROTECTION WHEN SEARCHING THE HYDRAULIC SYSTEM FOR LEAKS. SPURTING HYDRAULIC FLUID CAN CAUSE INJURY IF IT PENETRATES THE SKIN OR THE EYES. IF INJURED BY ESCAPING HYDRAULIC FLUID, SEE A MEDICAL DOCTOR IMMEDIATELY.



CAUTION: ALWAYS RELIEVE THE PRESSURE IN THE HYDRAULIC SYSTEM WHEN THE DISC IS NOT BEING OPERATED.



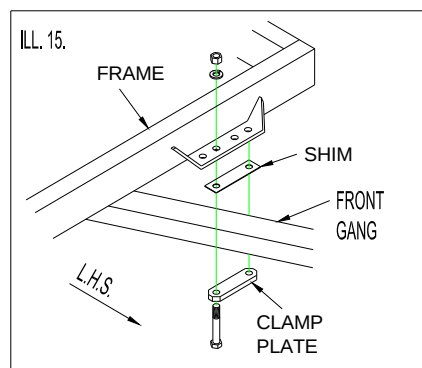
CAUTION: ALWAYS PERMIT PARTS WHICH CONTAIN HOT FLUID TO COOL TO A SAFE TEMPERATURE BEFORE HANDLING OR DISCONNECTING THESE PARTS.

GANG BEAM CHART
14" (356mm) BLADE SPACING GANG BEAMS

DISC	NO. of BLADES FRONT GANG	FRONT GANG BEAM LENGTH	NO. of BLADES REAR GANG	REAR GANG BEAM LENGTH
17 BLADE – (9-1/2')	8 BLADES	121" (3073mm)	9 BLADES	136" (3454mm)
19 BLADE – (10-1/2')	9 BLADES	136" (3454mm)	10 BLADES	150" (3810mm)
21 BLADE – (11-1/2')	10 BLADES	150" (3810mm)	11 BLADES	165" (4191mm)
23 BLADE – (12-1/2')	11 BLADES	165" (4191mm)	12 BLADES	179" (4547mm)
25 BLADE – (14')	12 BLADES	179" (4547mm)	13 BLADES	194" (4928mm)
27 BLADE – (15-1/2')	13 BLADES	194" (4928mm)	14 BLADES	209" (5309mm)

TROUBLE SHOOTING

1. If front outside blade on right hand side is cutting too deep, causing disc to ridge at outside, the following adjustments can be made:
 - a) Check if transport wheels are on ground, gauging discing depth. If wheels are raised off ground, front end of disc will drop, causing disc to ridge on right hand side. See section "12" of GENERAL OPERATING INSTRUCTIONS on page 11.
 - b) Check tire pressure. If tire pressure is lower on right hand side disc will cut deeper on the right hand side.
 - c) Using the leveling crank, raise front of disc. See Paragraph 7 on page 9.
 - d) If above adjustments don't cure problem, place shims between front gang beam and left hand side of disc frame. Locate shim as shown in ILL. 15.
2. If left hand gangs are leaving ridges at the outside of disc, move rear gang towards right hand side or decrease discing speed.
3. If left hand gangs are leaving a furrow at outside of disc, move rear gang toward left hand side of increase discing speed.
4. If left hand side of disc cuts deeper than the right hand side or opposite check tire pressure.
5. If disc is not penetrating soil, increase angle of front and rear gangs. See section 1 of ADJUSTMENTS on page 14. If increased gang angle does not give desired penetration, disc may be to light. See your EZEE-ON dealer.
6. If disc is pushing dirt and leaving ridge at the outside, decrease cutting angle of front and rear gangs. See section 1 of ADJUSTMENTS on page 14.
7. If rear of disc side drafts towards right hand side, the following adjustments can be made:
 - a) Reduce pressure on rear gangs by raising rear gangs with leveling crank. Be sure front gangs are not cutting deeper than rear gangs. See Paragraph 7 on page 9.
 - b) If above adjustment does not cure problems, move hitch towards left hand side. If hitch can not be moved enough, loosen gang clamp plates, arrow 1, and move both front and rear gangs approximately 4" towards the right hand side. See Section 3 on Page 15. (Move gangs more if required).
8. If rear disc side drafts towards left hand side, the following adjustments can be made:
 - a) Increase pressure on rear gang by lowering rear gangs with leveling crank. See Paragraph on page 9.
 - b) If above adjustments does not cure the problem, move hitch towards right hand side. If hitch can not be made enough, loosen gang clamp plates, arrow 1, and move both front and rear gangs approximately 4" towards left hand side. See ILL. 11 on page 15. (Move gangs more if required).
9. If disc is plugged - adjust scrapers so they are fully in contact with blades or reduce angle.



MODEL 8550 ASSEMBLY INSTRUCTIONS

DESCRIPTION	PAGE
Assembling Main Frame	23
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Attaching Lift Hydraulic System	25
Attaching Gang Beams	26
Attaching Gang Assemblies	27
Attaching Blade Scraper Assemblies	28
Scraper Bar Patterns	29 – 31
Reflector Decal Installation	32
Safety Light Kit Assembly	33
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ASSEMBLY INSTRUCTIONS

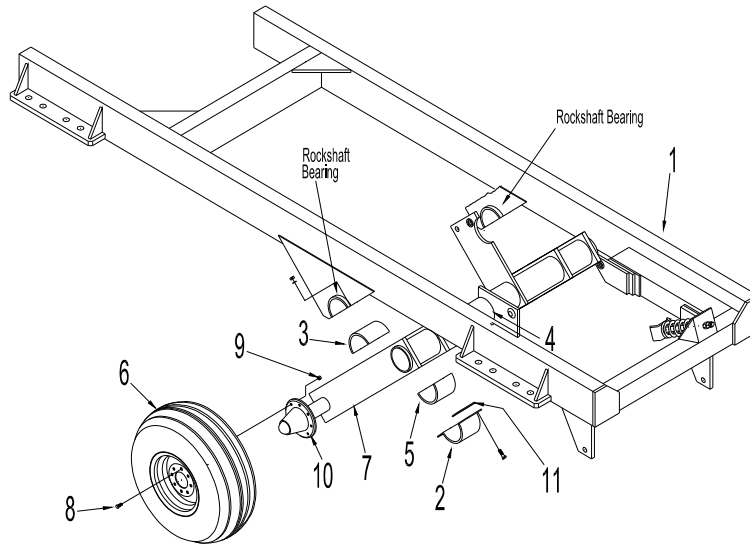
1. See ILL. 16. Raise frame, arrow 1, approximately 30" from ground and block securely.



CAUTION: Support main frame securely before assembling components. Heavy frame could cause serious injury if it fell.

ILL. 16

IMPORTANT: TO INSTALL TIRES TO INNER HUBS, FOLLOW INSTRUCTIONS ON PAGES 23 AND 24.



2. See ILL. 16. Clean and lubricate bearing surface of rockshaft. Then remove rockshaft bearing cap, arrow 2, from each rockshaft bearing. Next, place bearing liner, arrow 3, in each rockshaft bearing and liner with 45 degree grease fitting then install rockshaft, arrow 4, in rockshaft bearings. Place one bearing liner with straight grease fitting, arrow 5, over rockshaft beneath each rockshaft bearing. Then secure each rockshaft to each bearing with one (1) bearing cap, arrow 2. Secure each bearing cap with (2) 3/4" x 2-1/2" (19 x 63mm) hex bolt c/w nuts.

NOTE: *It will be necessary to install shims between rockshaft bearing caps, arrow 11, and rockshaft bearing to allow rockshaft to turn freely in bearing when bearing cap bolts are tightened. It is important to install the correct number of shims, rockshaft must be snug but free to turn.*



CAUTION: Use an aligning punch to line up holes. Keep fingers out of these holes. Any sudden movement of heavy components will severely injure or sever your fingers.

3. See ILL. 16. Install one (1) eight bolt wheel and 12.5L x 15 FI tire assembly, arrow 6, on each of the four (4) hub assemblies, arrow 7. Secure each wheel with eight (8) 9/16" x 1-11/16" (14 x 42mm) wheel bolts, arrow 8. Tighten wheel bolts to 150 ft. lbs. (203.0 N.m.) Lock each wheel bolt by installing one (1) 9/16" (14mm) N.F. hex nut, arrow 9, on thread that extends past hub. Tighten nuts.

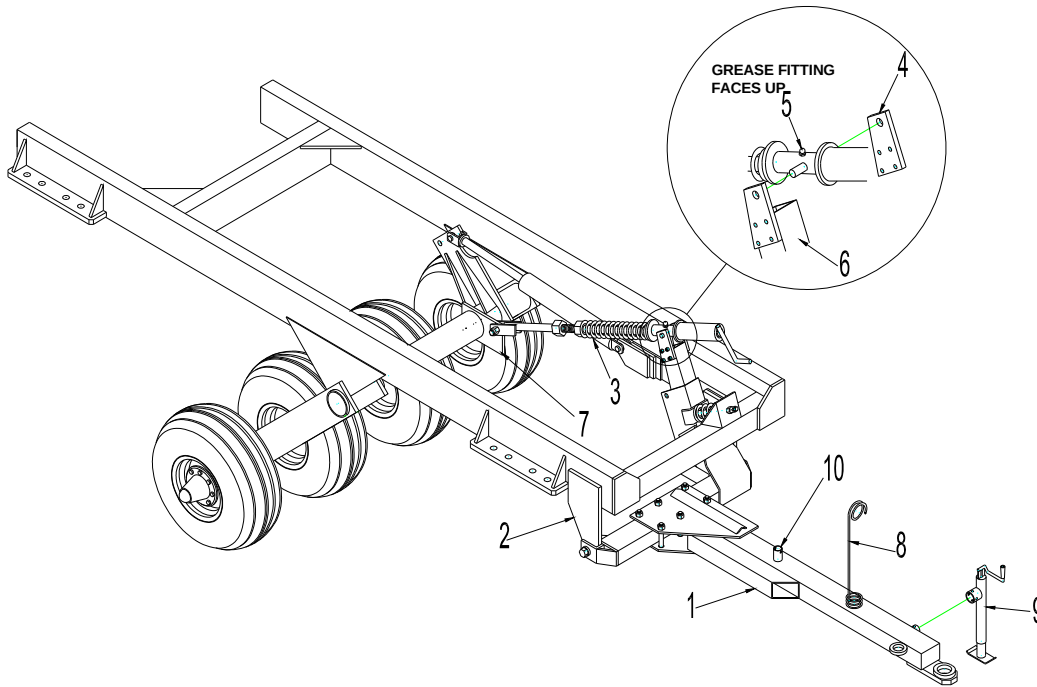


IMPORTANT: Wheel bolts must be kept tight. If bolts are not tight, they will loosen causing severe damage to hub, wheel and tire. Check wheel bolts periodically, especially the first few hours of operation either transport or field work.



CAUTION: Use a hoist or adequate manpower to lift the heavy components into place. Use adequate jacks or support materials. Attempting to lift heavy components by yourself could cause serious injury.

ILL. 17



4. See ILL. 17. Fasten hitch assembly, arrow 1, to two hitch lugs, arrow 2, on frame. Fasten with two (2) 1-1/4" (31.7mm) dia. hex. bolts c/w locknut.
5. See ILL. 17. To attach levelling link, arrow 3, remove bolt on lug, arrow 4, from levelling arm of hitch. Next place bearing tube, arrow 5, of crank assembly between weld-on lug, arrow 6, and bolt-on lug, arrow 4. Position bearing tube so grease fitting is facing up. Install ears of bearing tube, arrow 5, in 1" (25.4mm) holes of lugs, arrow 4 and 5, then fasten bolt-on lug to levelling arm with four 1/2" x 5" (12.7mm x 127mm) bolts.

Next attach clevis end of levelling link, arrow 3, to arm, arrow 7, on rockshaft with one 1-1/4" x 4-3/4" (31.7mm x 120.6mm) bolts c/w nuts and lockwashers.

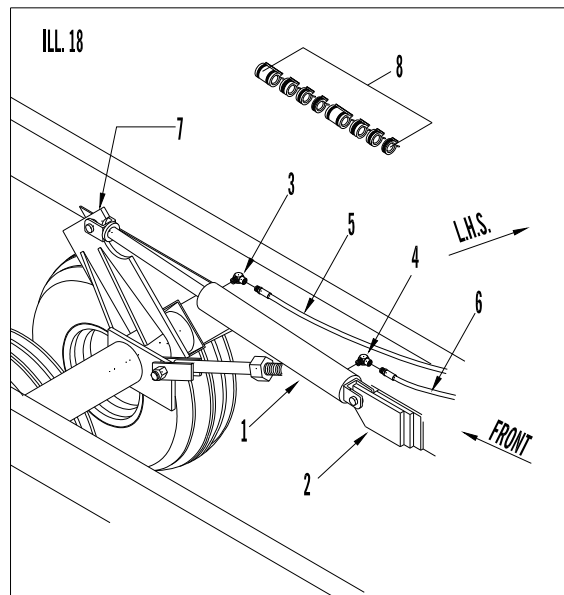
NOTE: The 1-1/4" x 4-3/4" (31.7mm x 120.6mm) bolts must be tightened so that the clevis is drawn up tight against the ball joint in arm, arrow 7. Tighten bolt to 840 ft. lbs. (1139 N.m) Ball must be free to pivot in socket. Lubricate ball with oil and turn in socket to make sure ball is free to pivot.

6. See ILL. 17. Fasten hose support, arrow 8, to 5/8" (15.7mm) bolt welded to top of hitch. Secure with one (1) 11/16" I.D. (17.2mm) flatwasher, and one (1) 5/8" (15.7mm) hex nut.
7. See ILL. 17. Mount jack, arrow 9, on round tube at SIDE of hitch when supporting disc hitch. Mount jack on round tube, arrow 10, on top of hitch when transporting or discing. Lock jack in desired position with pin.



IMPORTANT:

HITCH JACK MUST BE MOUNTED TO ROUND TUBE, ARROW 10, ON TOP OF HITCH WHEN DISC IS IN MOTION. IF JACK IS LEFT ON THE SIDE OF THE HITCH (IN VERTICAL POSITION), THE JACK MAY STRIKE GROUND OR OBSTRUCTIONS ON GROUND. IF JACK IS LEFT ON THE SIDE OF THE HITCH (HORIZONTAL POSITION), TRACTOR TIRES MAY HIT THE JACK, CAUSING SEVERE DAMAGE TO THE HITCH JACK.



8. ATTACHING HYDRAULIC LIFT CYLINDER

IMPORTANT: SEAL ALL HYDRAULIC FITTINGS WITH A SEALANT LIQUID.

- See ILL. 18. Attach barrel end of 4" x 24" (101.6mm x 609.6mm) hydraulic, arrow 1, to cylinder lug, arrow 2. Position cylinder so ports are facing L.H.S. of disc. Secure with (1) 1-1/4" x 4-3/16" (31.7mm x 106.4mm) pin. Secure pin with one (1) 5/16" x 2" (7.9mm x 50.8mm) cotter pins. To complete the assembly of cylinder, place a wooden block across top of frame for cylinder to rest on.
- See ILL. 18. Install 1/2" (12.7mm) x 90 degree street elbows, arrows 3 and 4, in ports on L.H.S. of cylinder. Face elbows towards front of disc.
- See ILL. 18. Install one (1) 1/2" x 216" (12.7mm x 5486mm) hydraulic hose, arrow 5, to rear 1/2" (12.7mm) street elbow, arrow 3.
- See ILL. 18. Install one (1) 1/2" x 190" (12.7mm x 4826mm) hydraulic hose, arrow 6, to rear 1/2" (12.7mm) street elbow, arrow 4.
- Run hose along frame and hitch through hose support, arrow 8, shown in ILL. 15.
- See ILL. 18. Install proper male tips to ends of hoses, arrow 5 and 6.
- Connect hose to tractor hydraulic couplers.
- Block cylinder high enough for cylinder shaft to pass over top of rockshaft cylinder arm. Pump hydraulic oil into shaft side of cylinder. When shaft side is full of oil, extend and contract cylinder approximately 10" or 12" to work air out of cylinder.



CAUTION: BEFORE APPLYING PRESSURE TO HYDRAULIC SYSTEM, BE SURE ALL CONNECTIONS ARE TIGHT AND COMPONENTS ARE NOT DAMAGED.

- See ILL. 18. After lift cylinder is completely filled with oil, pin shaft end of cylinder to rockshaft cylinder arm, arrow 7, with one (1) 1-1/4" x 4-3/16" (31.7mm x 106.4mm) pin. Secure pin with one (1) 5/16" x 2" (7.9mm x 50.8mm) cotter pins.

IMPORTANT: When extending cylinder, be sure end or clevis **DOES NOT** strike rockshaft cylinder arm. Serious cylinder damage could result.

- See ILL. 18. Fully extend lift cylinder, arrow 1, to raise disc frame. Next install all depth control segments, (17-3/4" Lg) arrow 8, on lift cylinder shaft, to lock frame in raised position.



CAUTION: DO NOT LOOSEN OR DISASSEMBLE HYDRAULIC COMPONENTS WHEN THERE IS PRESSURE WITHIN THOSE COMPONENTS. HYDRAULIC COMPONENTS UNDER PRESSURE MAY CAUSE PARTS AND HYDRAULIC FLUID TO ESCAPE AT A HIGH VELOCITY, WHICH COULD CAUSE SERIOUS INJURY. ALWAYS RELIEVE THE PRESSURE IN THE HYDRAULIC SYSTEM BEFORE MAKING ADJUSTMENTS TO THE HYDRAULIC SYSTEM. IF INJURED BY ESCAPING HYDRAULIC FLUID, SEE A MEDICAL DOCTOR IMMEDIATELY.

10. ATTACHING GANG BEAMS - See ILL. 19 and 20.

- a) Use the gang beam chart on page 19 to determine length of front and rear gang beams for your size specific disc.

- b) Locate gang beams, arrow 1, at bottom of frame.

Each gang beam is located between two (2) holes in plate welded to left side of main frame.

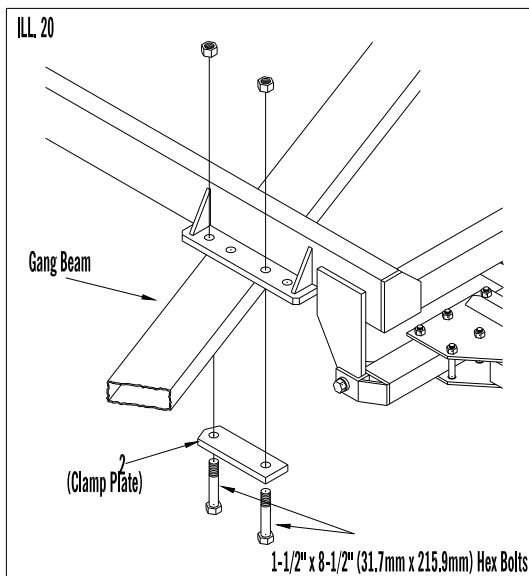
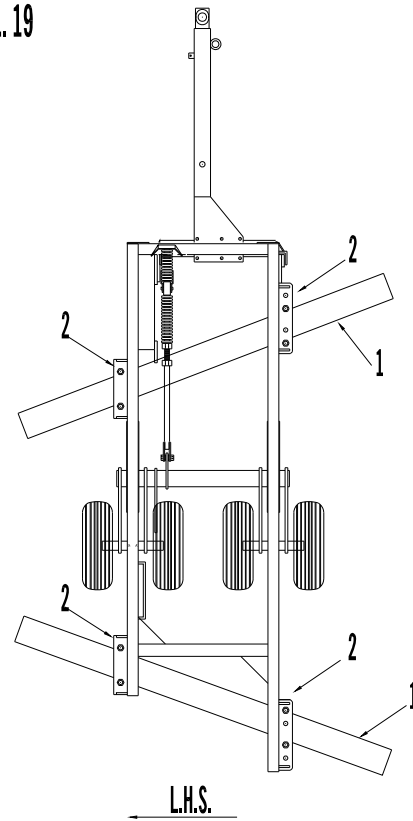
A 4 hole plate welded to outside of frame will secure each beam to right side of disc.

- c) Fasten each gang beam with two (2) clamp plates, arrow 2, and two (2) 1-1/2" x 8-1/2" (38 x 216mm) hex bolts. See ILL. 20. Cropped corners of clamp plates must be on rear side of gang beams.

- d) Initially set gang angle at second hole from maximum. For rear gang, install rear bolt in second hole from rear as shown in ILL. 19.

For front gang, install front bolt in second hole from front as shown in ILL. 19.

ILL. 19



CAUTION: BEFORE ATTACHING GANGS TO FRAME BE SURE FRAME IS LOCKED IN RAISED POSITION BY INSTALLING ALL DEPTH STOP (17-1/2" Lg) ON LIFT CYLINDER. SEE SECTION 5 ON PAGE 9.

11. ATTACHING GANG ASSEMBLIES:

NOTE: See gang pattern on pages 32 to 34. Select diagram which illustrates gang pattern for your disc.

USING GANG PATTERN - Identify the front and rear gangs. Front and rear gangs are determined by the 5/8" x 10" (16 x 254mm) bearing retainer bolt. With the blades are correctly orientated the nut end of 5/8" x 10" (16 x 254mm) bolt will face rear of axle. See Detail "A".

a) REAR GANGS:

See ILL. 21. The rear gangs have the outrigger blade (small dia. blade) at one end. If your model has more than one gang assembly on rear gang, be sure to place gang with outrigger blades on the right hand side.

Using the gang pattern illustration (on pages 32 to 34), select the rear gangs and position them in their proper place under the rear gang beam.

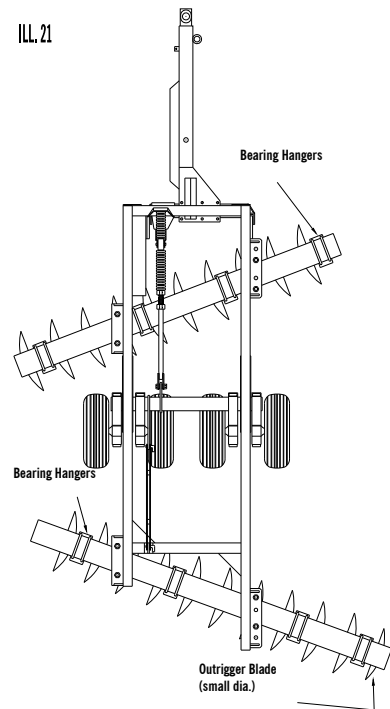
Attach bearing hangers to gang beams with (2) U-bolts per bearing hanger. See Detail "A". Leave U-bolts loose.

b) FRONT GANGS:

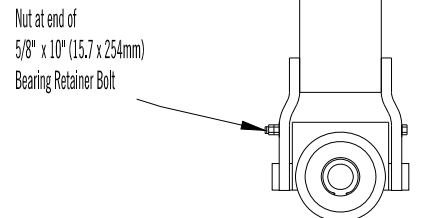
Using the gang pattern illustrations (on pages 32 to 34), select the front gang(s) and position them in their proper place under the front gang beam. Attach bearing hangers to gang beams with (2) U-bolts per bearing hanger. Leave U-bolts loose.



CAUTION: When attaching gang assemblies, wear protective gloves to help prevent injury from cutting edges of blades.



DETAIL-A



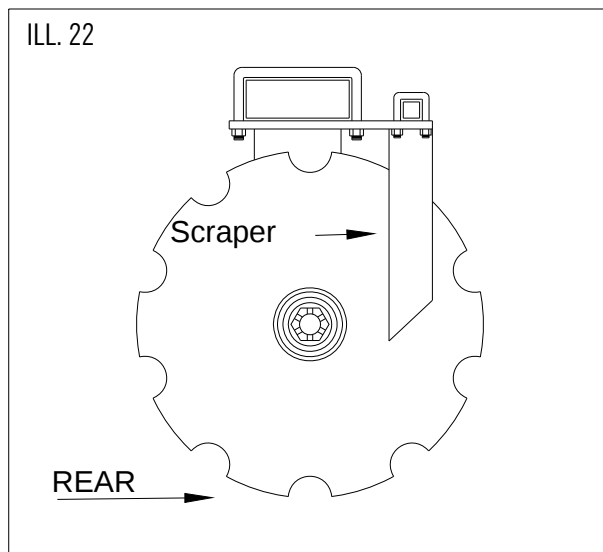
- c) If front or rear gang has more than one gang assembly, adjust spacing between gang assemblies. This spacing should be same distance as the blade spacing in gang assemblies.
- d) Before tightening bearing hanger U-bolts, check each bearing hanger to make sure hanger is sitting square under gang beam. Also, be sure hanger is not turned to one side.

IMPORTANT: If bearing hangers are not sitting square before tightening U-bolts, side preload will be built into the bearings and the life of the bearings will be shortened.

12. ATTACHING BLADE SCRAPER ASSEMBLIES

NOTE: See scraper support patterns on pages 35 to 37. Select diagram which illustrates proper pattern for your disc.

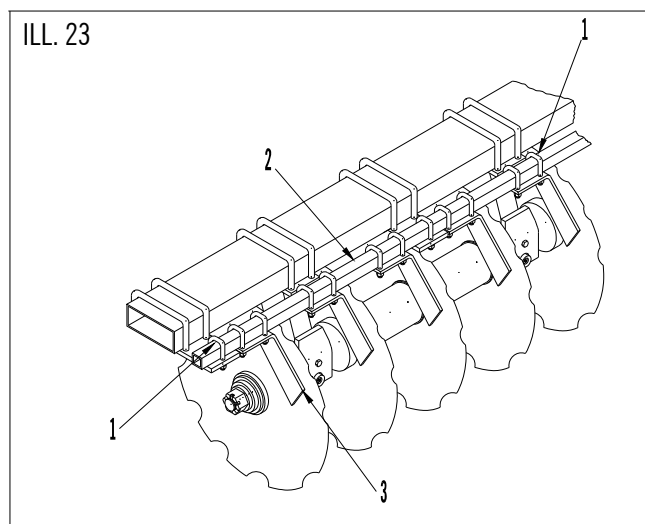
- a) See ILL. 22. Before attaching scraper assemblies, determine which assembly belongs to front and which one belongs to rear. The rear gang has 1 more scraper than the front gang. For example, a 23 blade disc will have 11 scrapers on front gang and 12 scrapers on rear gang.
- b) See ILL. 22 and 23. Attach scraper assemblies to gang beams with $\frac{3}{4}$ " x 4" x 18" (19 x 102mm x 457mm) scraper support plates, arrow 1. Scrapers are located at rear side of gang beams. See scraper support patterns on pages 28 to 31. Select correct pattern for your disc and locate scraper support plates as shown. Position scraper supports, arrow 1, at bottom of gang beam, and fasten with (2) $\frac{7}{8}$ " x 10" (22.3mm x 254mm) U-bolt c/w nuts and lockwashers. Next place scraper bar, arrow 2, assembly on top of support plate. Fasten scraper bar to support plate with (1) $\frac{5}{8}$ " x 2" U-bolt per support plate.



13. See ILL. 23. Adjust scraper bar, arrow 2, and scrapers, arrow 3, of each gang, so each scraper contact adjacent disc blade.

14. Tighten all scraper mount U-bolts.

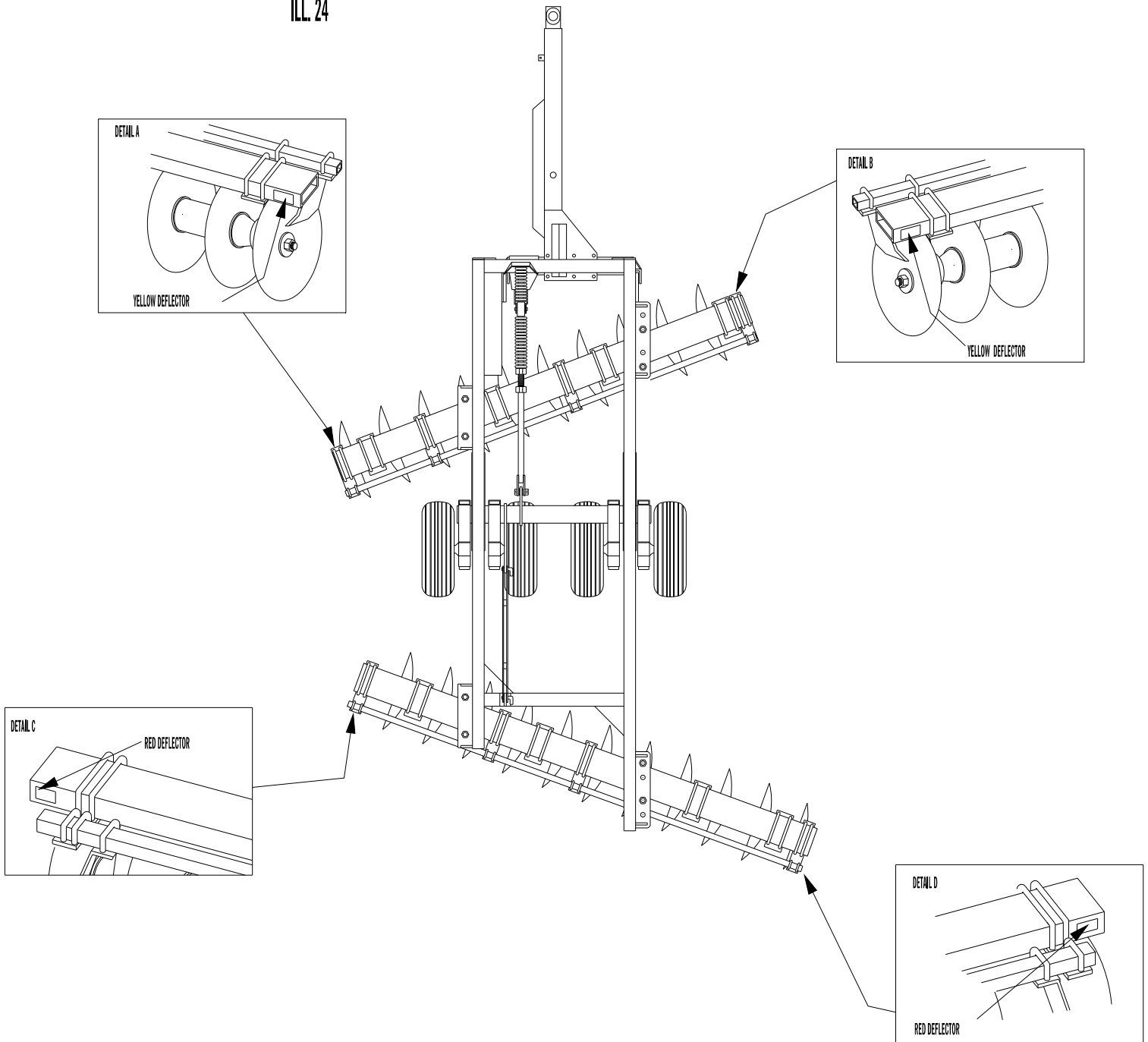
IMPORTANT: Disc will require less horsepower to pull if scrapers are adjusted properly.



CAUTION:

Support the main frame securely before assembling the components. Inadequate support may result in the heavy components falling causing serious injury to operator or person(s) nearby.

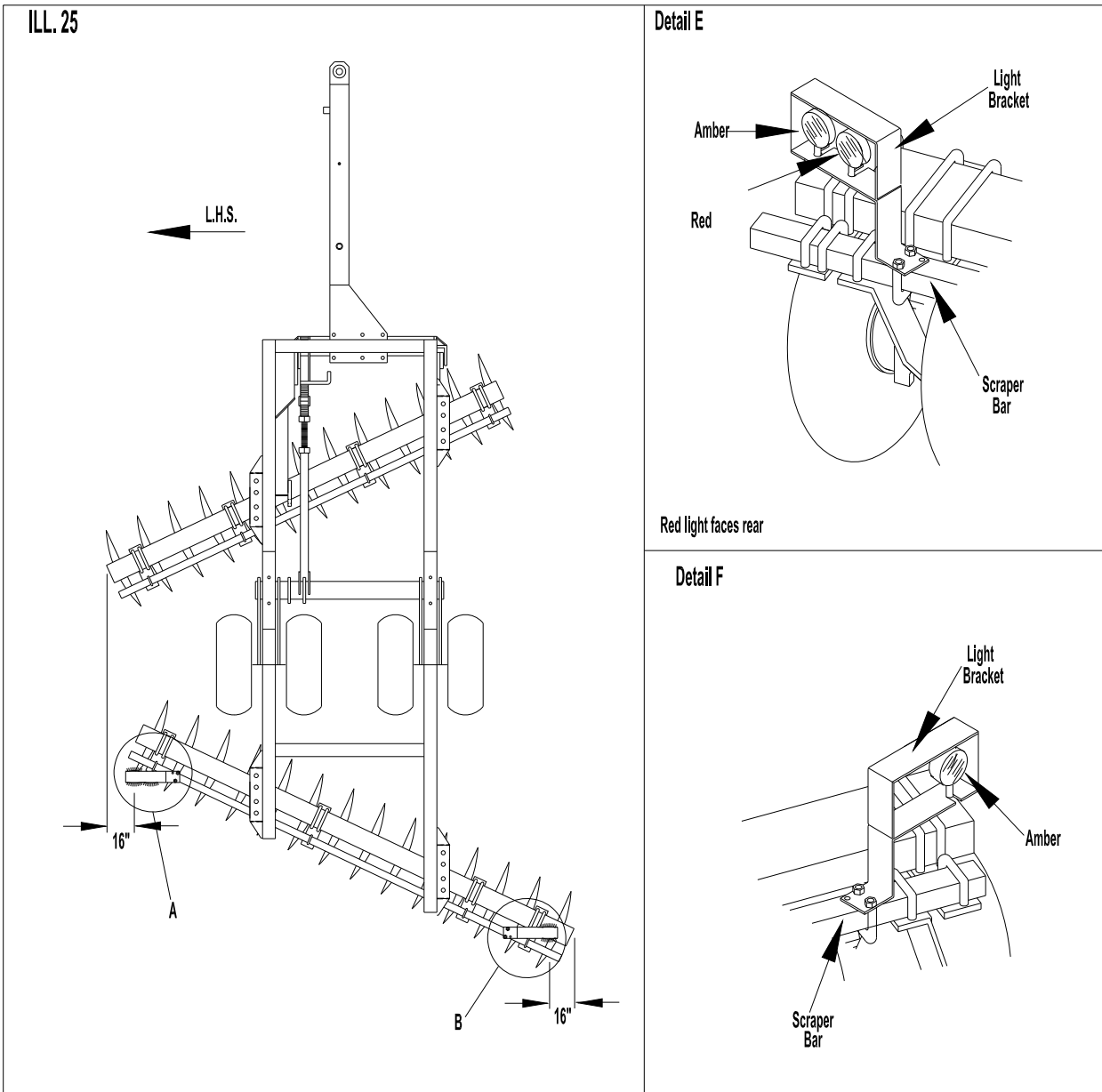
ILL. 24



15. REFLECTOR DECAL INSTALLATION – See ILL. 24

NOTE: Before installing decals, clean the area they will be placed on.

- Place one 2" x 9" (50.8 mm x 228.6 mm) red reflector decal on rear side of each rear gang beam. Locate decals approximately 1" (25.4 mm) from end of gang beam. See detail "C" and "D".
- Place one 2" x 9" (50.8 mm x 228.6 mm) yellow reflector decal on front side of each front gang beam. Locate decals approximately 1" (25.4 mm) from end of gang beam. See detail "A" and "B".



16. SAFETY LIGHT KIT - MOUNT INSTRUCTIONS (SEE ILL. 25)

- A) Fasten one (1) lamp bracket on each end of rear scraper bar. Lamp brackets are L.H. and R.H. Fasten each lamp bracket with one (1) $\frac{1}{2}$ " x 2" U-bolt c/w nuts and lockwashers. Locate as shown in Detail "E" and "F". Leave U-bolts loose.
- B) Fasten one (1) amber lamp and one (1) red lamp on L.H. lamp bracket. Position amber and red lamps so they face the rear with the amber lamp on the outside. Install lamps in $\frac{3}{4}$ " (19.0mm) slots in lamp bracket. Secure with nuts. See Detail "E".
- C) Fasten one (1) amber lamp on R.H. lamp bracket. Position so amber lamp faces rear. Install lamp in $\frac{3}{4}$ " slot in lamp bracket. Secure with nut. See Detail "F".
- D) Position each lamp bracket so outer lamp is no more than 16" from widest part of disc to centre of lamp. Next, tighten $\frac{1}{2}$ " x 2" U-bolts.

IMPORTANT: Paragraphs "B", "C", "D", and ILL. 25 describes safety light position for North America. For other countries check local laws and regulations for required warning lamp mounting positions.

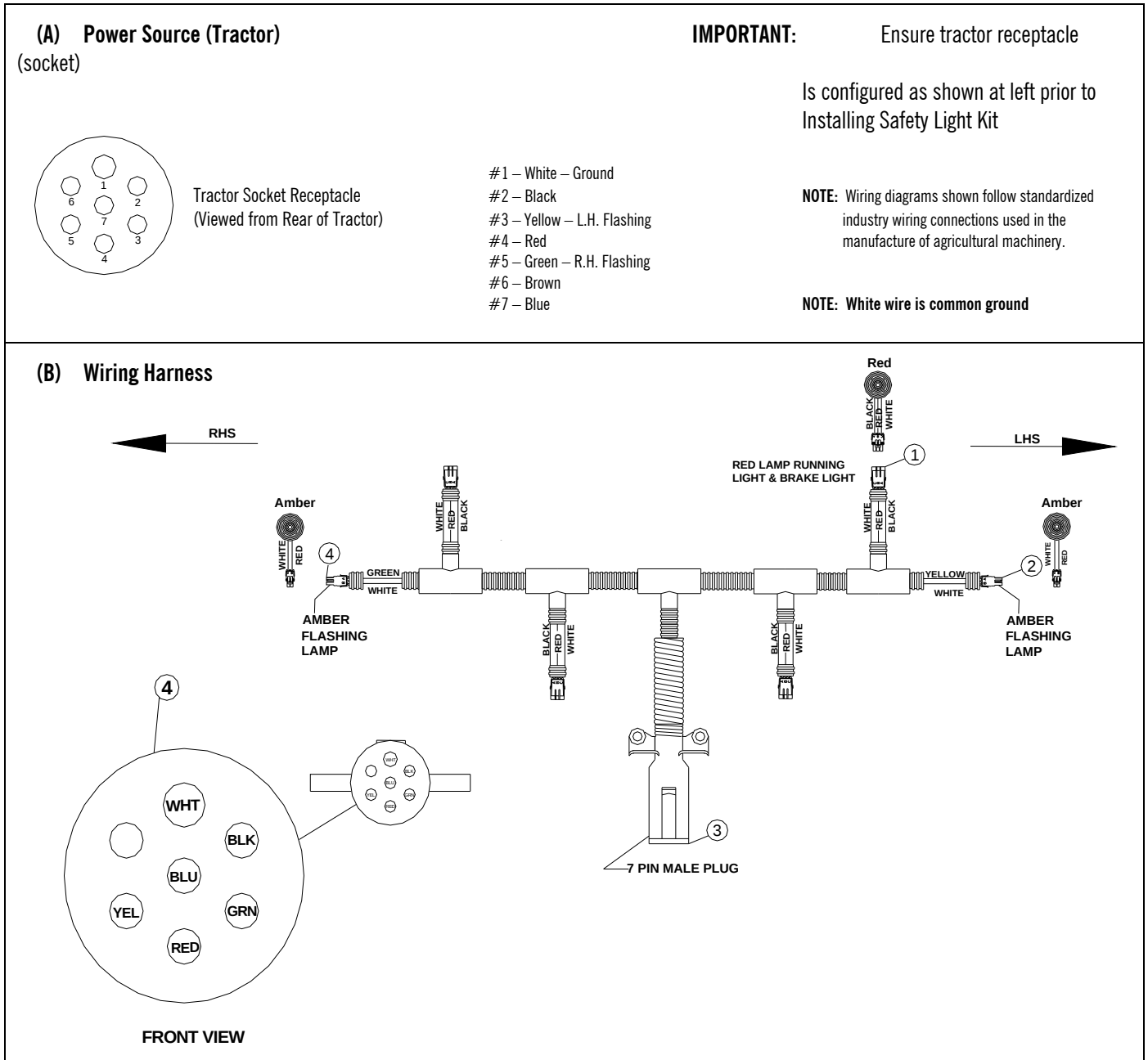


CAUTION: WHEN TRANSPORTING DISC OVER PUBLIC ROADS USE A SMV EMBLEM (NOT SUPPLIED BY EZEE-ON) AND WARNING LIGHTS FOR PROTECTION OF TRACTOR AND OTHER MOTOR VEHICLE OPERATORS. CHECK LOCAL LAWS FOR WIDTH RESTRICTIONS.

E) INSTALL ELECTRICAL WIRING AS FOLLOWS:

See ILL. 26 – Lay wiring harness on hitch and along R.H.S. of frame with 7 pin male plug, arrow 3, located at front of hitch. The wiring harness is tagged L.H.S. (left hand side) and R.H.S. (right hand side) at outer plugs, arrow 2. When laying harness on frame ensure L.H. end of harness is placed on L.H.S. of frame and R.H. end of harness is placed on R.H.S. of frame. L.H.S and R.H.S. of disc is determined by viewing disc from rear. **NOTE:** The R.H. and L.H side of harness must be properly positioned to allow signal lights to work correctly. Run L.H. and R.H. ends of harness along rear of frame and rear gangs back up to lamps. Tie harness to frame, gang beam and lamp supports as required with tie straps. Next plug in each amber lamps to two wire plugs, arrow 2. Plug in red lamp to a 3 wire plug, arrow 2.

ILL. 26



COMPONENTS:

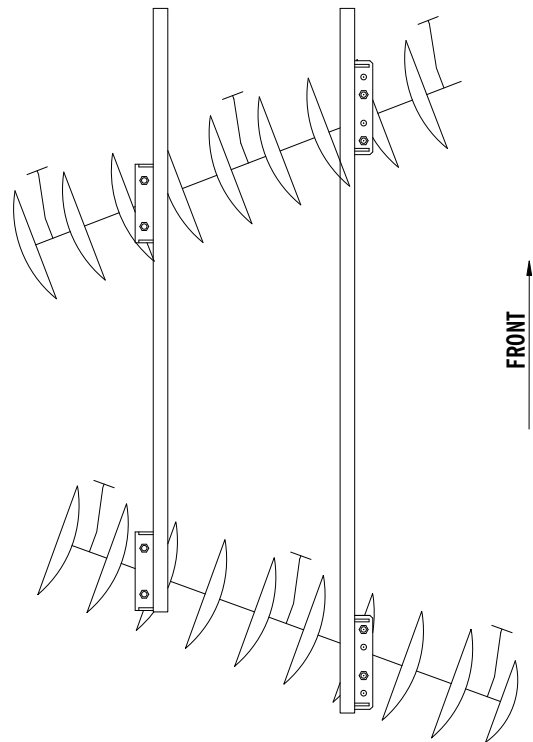
2 - Lamps - amber both sides
1 - Lamp - red one side

1 – Wiring Harness

10 – Cable ties

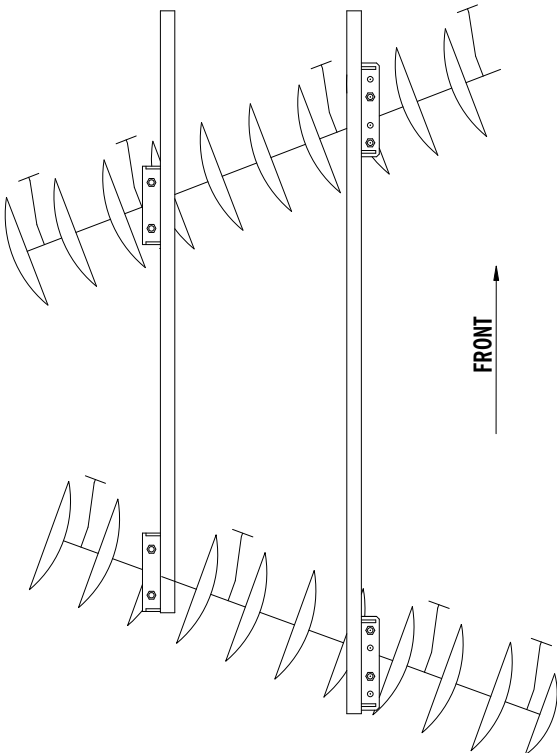
MODEL 8550
GANG PATTERN - 14" (356mm) SPACING
19 BLADES/6 BEARINGS

APPROX. WIDTH
9-1/2 ft



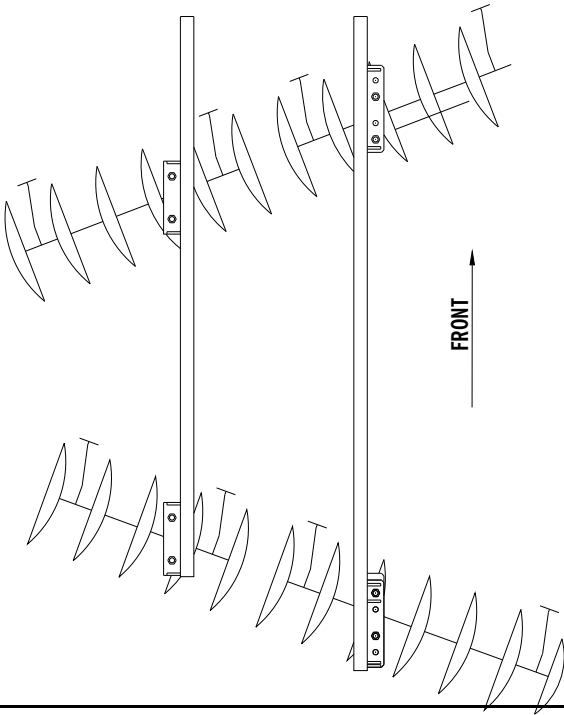
MODEL 8550
GANG PATTERN - 14" (356mm) SPACING
19 BLADES/6 BEARINGS

APPROX. WIDTH
10-1/2 ft



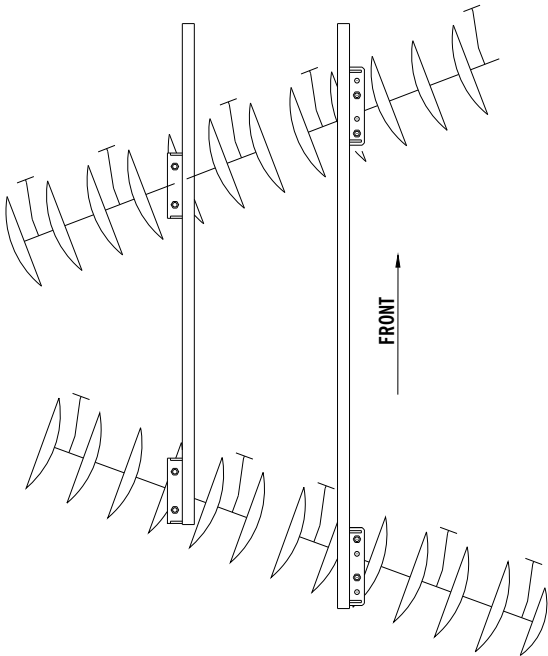
MODEL 8550
GANG PATTERN - 14" (356mm) SPACING
21 BLADES/8 BEARINGS

MODEL 8550
APPROX. WIDTH
11-1/2 ft



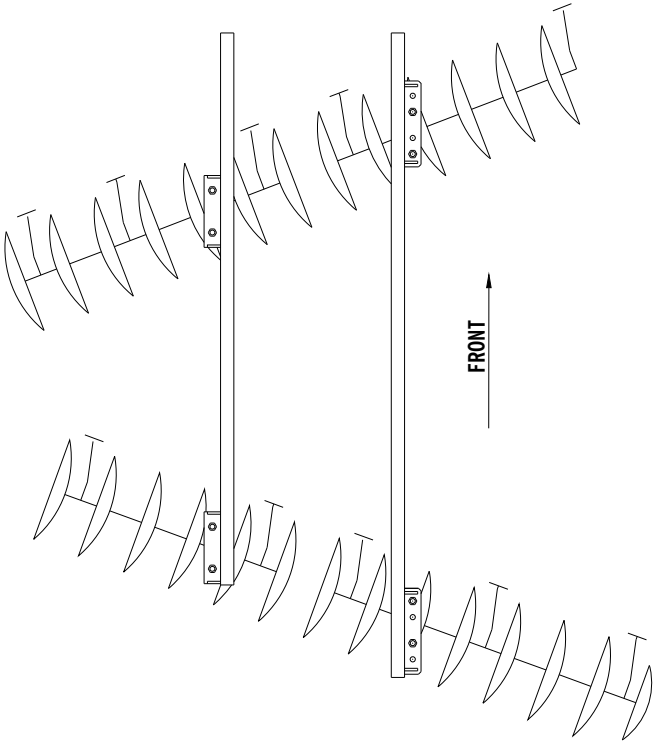
MODEL 8550
GANG PATTERN - 14" (356mm) SPACING
23 BLADES/8 BEARINGS

MODEL 8550
APPROX. WIDTH
12-1/2 ft



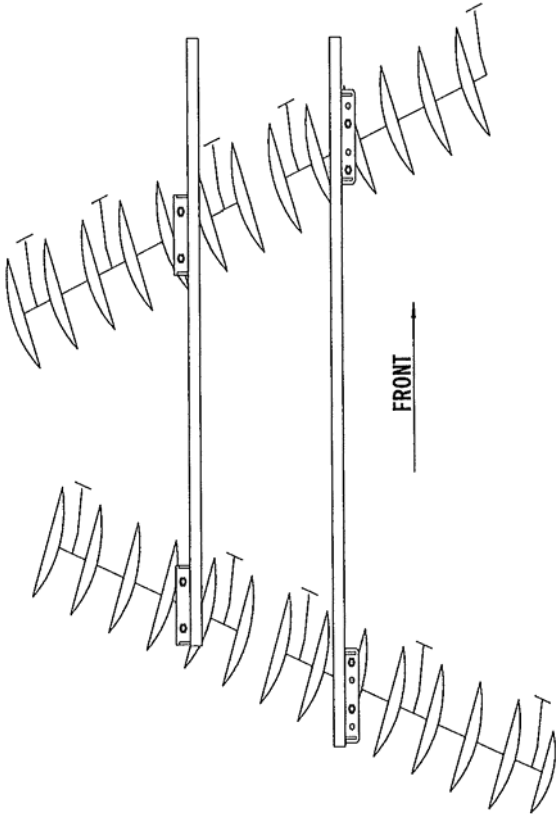
MODEL 8550
GANG PATTERN - 14" (356mm) SPACING
25 BLADES/10 BEARINGS

MODEL 8550
APPROX. WIDTH
14 ft

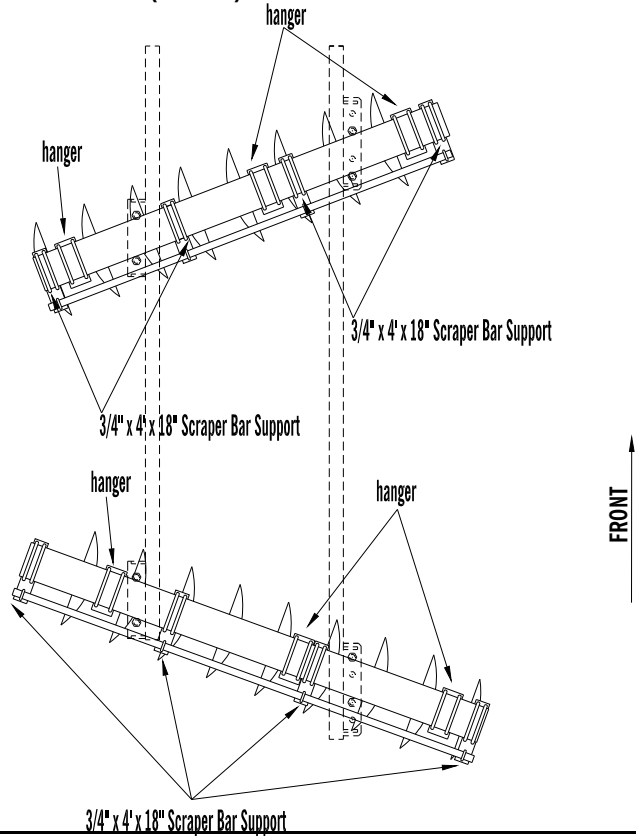
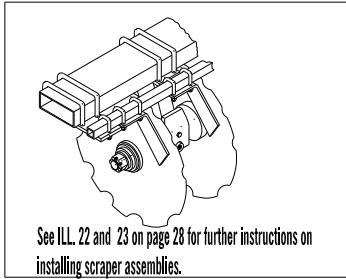


MODEL 8550
GANG PATTERN - 14" (356mm) SPACING
27 BLADES/10 BEARINGS

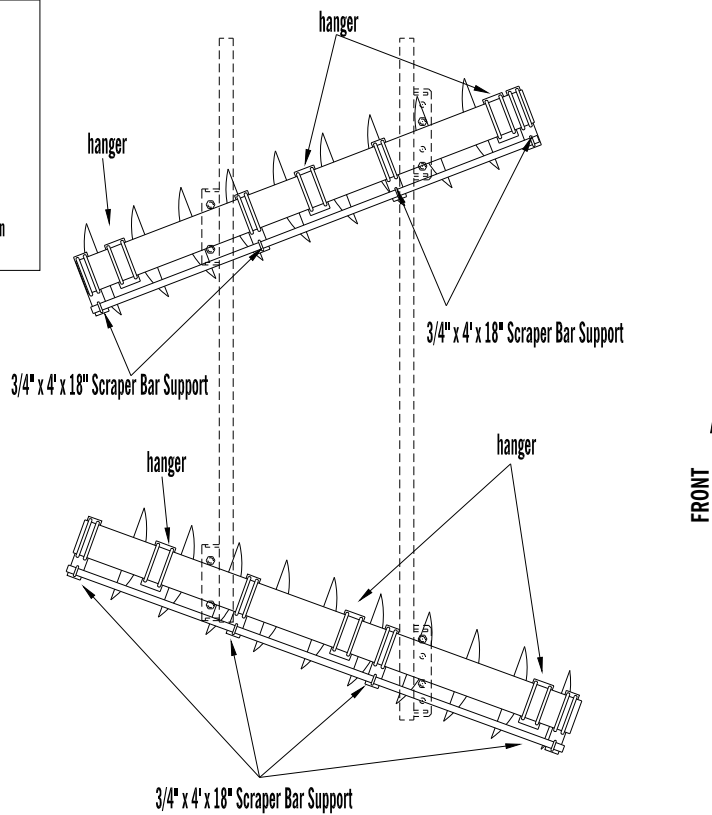
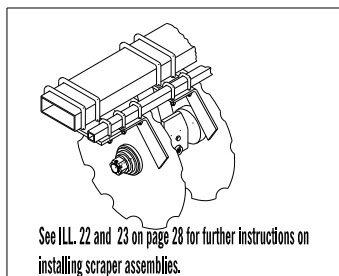
MODEL 8550
APPROX. WIDTH
15-1/2 ft



SCRAPER BAR SUPPORT PATTERN - MODEL 8550
17 BLADE - 14" (356mm) SPACING

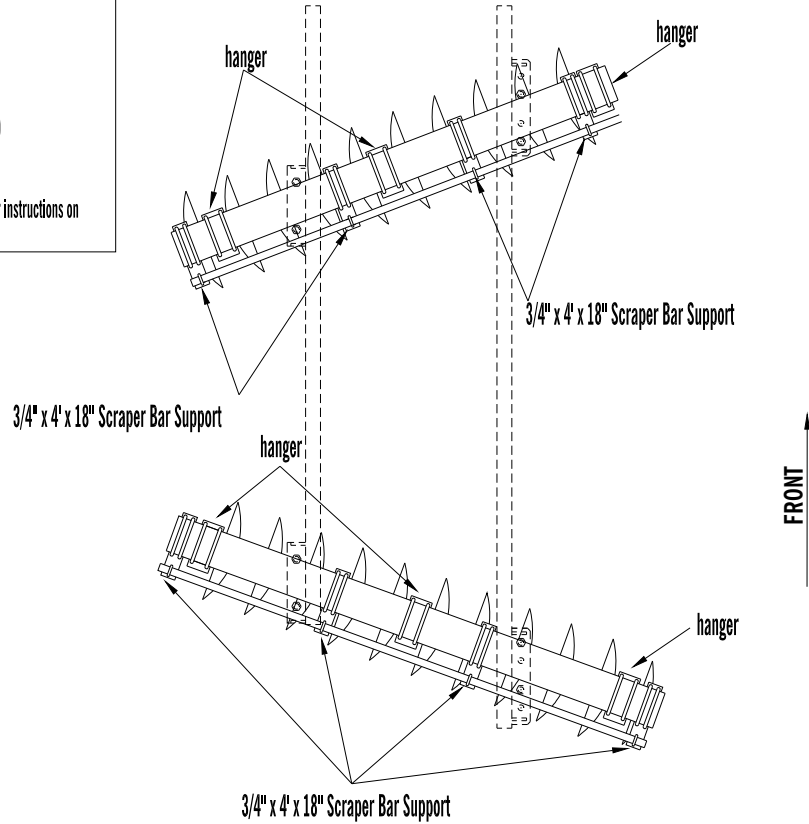
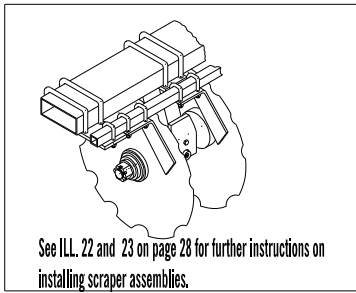


SCRAPER BAR SUPPORT PATTERN - MODEL 8550
19 BLADE - 14" (356mm) SPACING



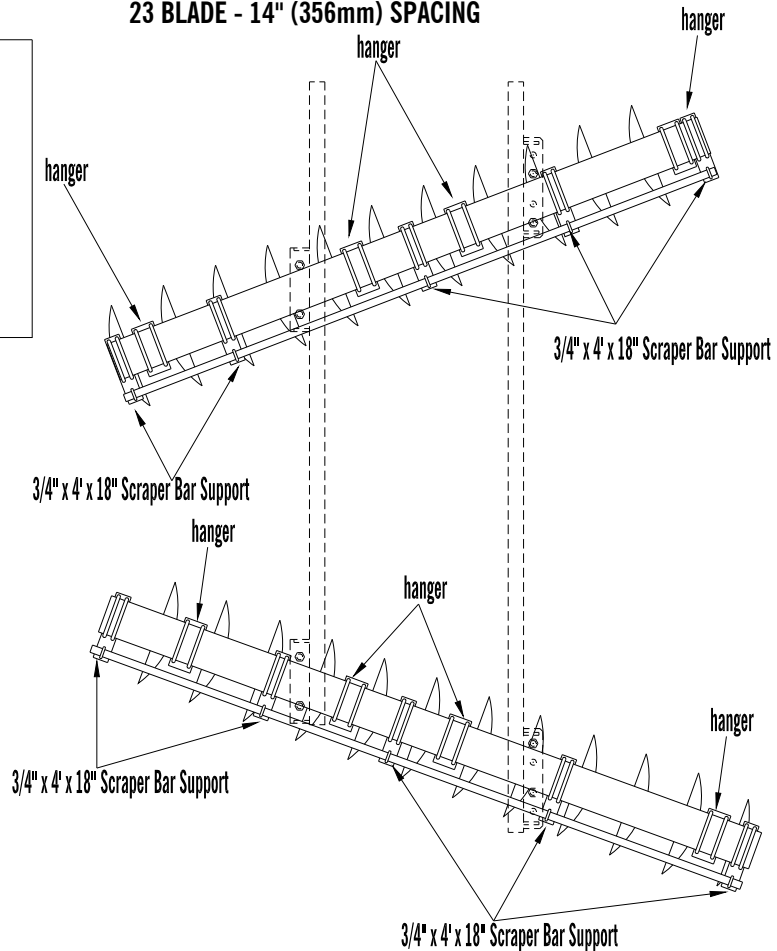
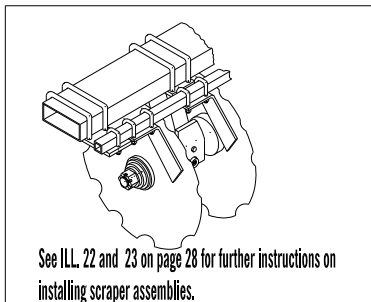
SCRAPER BAR SUPPORT PATTERN - MODEL 8550

21 BLADE - 14" (356mm) SPACING



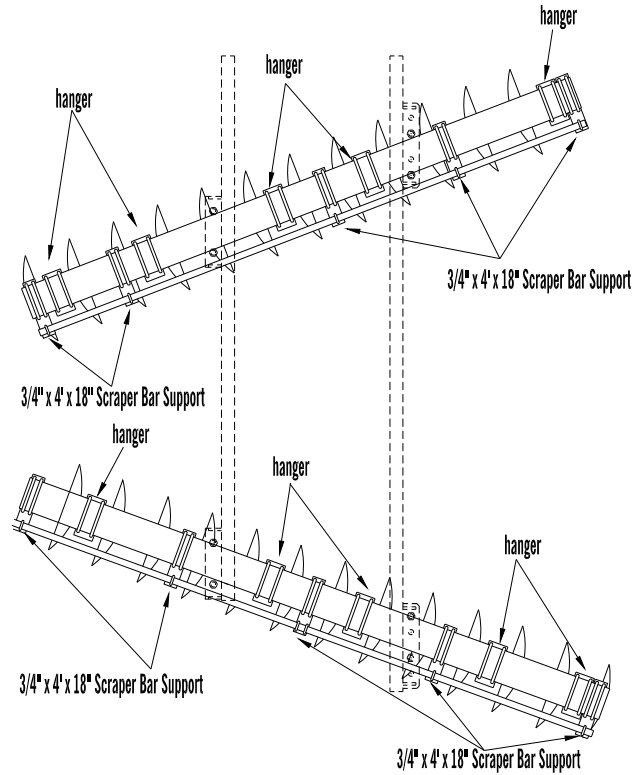
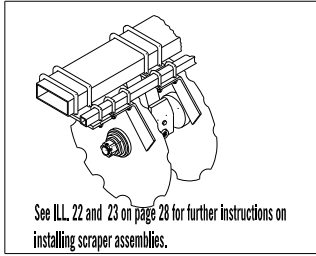
SCRAPER BAR SUPPORT PATTERN - MODEL 8550

23 BLADE - 14" (356mm) SPACING



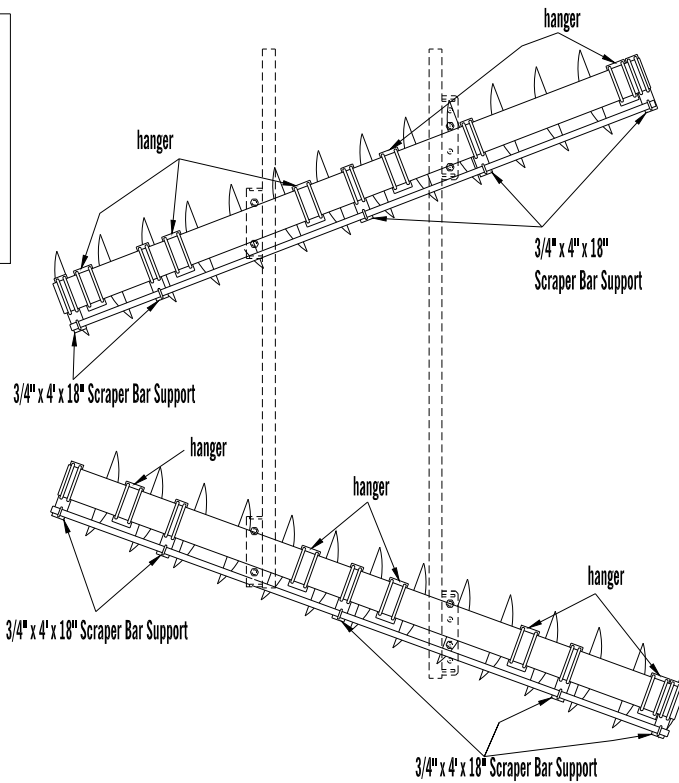
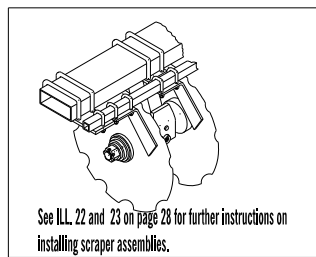
SCRAPER BAR SUPPORT PATTERN - MODEL 8550

25 BLADE - 14" (356mm) SPACING



SCRAPER BAR SUPPORT PATTERN - MODEL 8550

27 BLADE - 14" (356mm) SPACING



PARTS LIST INDEX

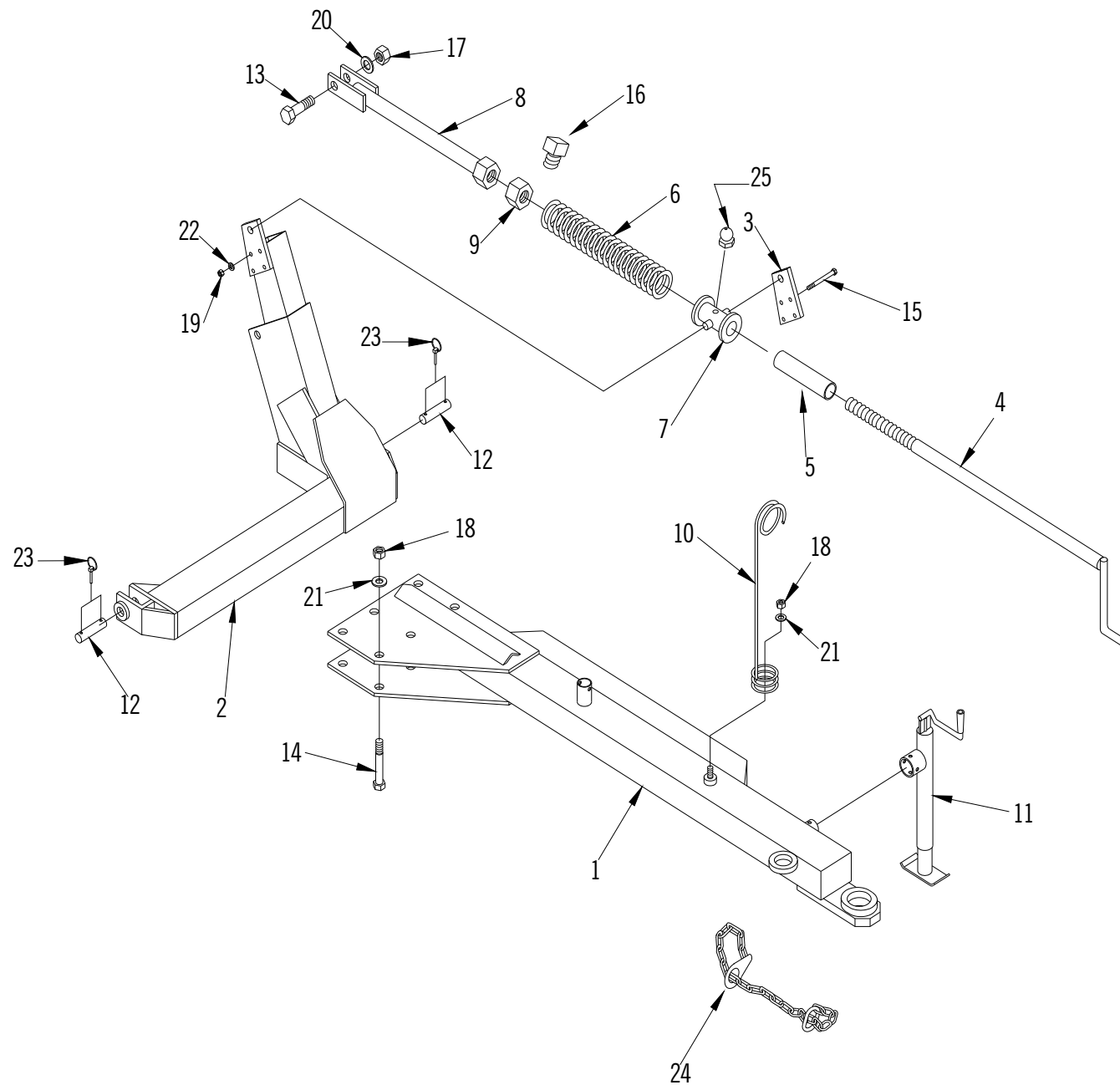
PAINT and DECALS	Page 38
MAIN FRAME ASSEMBLY	Page 36
HITCH and CRANK ASSEMBLY	Page 37
ROCKSHAFT and WHEEL - Clamp on Spindle Type - (used 2003 and prior)	Page 39
ROCKSHAFT and WHEEL - Bolt in Spindle Type - (used after 2003)	Page 40
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DISC GANG ASSEMBLY	Page 43
HYDRAULIC SYSTEM	Page 44
SCRAPER ASSEMBLY	Page 45
ROCKSHAFT CYLINDER - N4 TYPE	Page 46
CYLINDER SEAL KIT	Page 47

PAINT and DECALS

PART NO.	DESCRIPTION	QTY. REQ'D
L001	Ezee-On Yellow Paint - 1 qt. can	*
L002	Ezee-On Yellow Paint - 1/2 pt. can	*
L015	Black Paint - 1 qt. can	*
L016	Black Paint - 1/2 pt. can	*
DF13002	Ezee-On Decal - 2-1/2" x 15" (63.5mm x 381mm)	2
DF12265	Model 8550 Decal	2
DF9510	Large Caution Decal	1
DF10050	Red Reflector	4
DF10050	Yellow Reflector	4

MODEL 8550 MAIN FRAME PARTS LIST

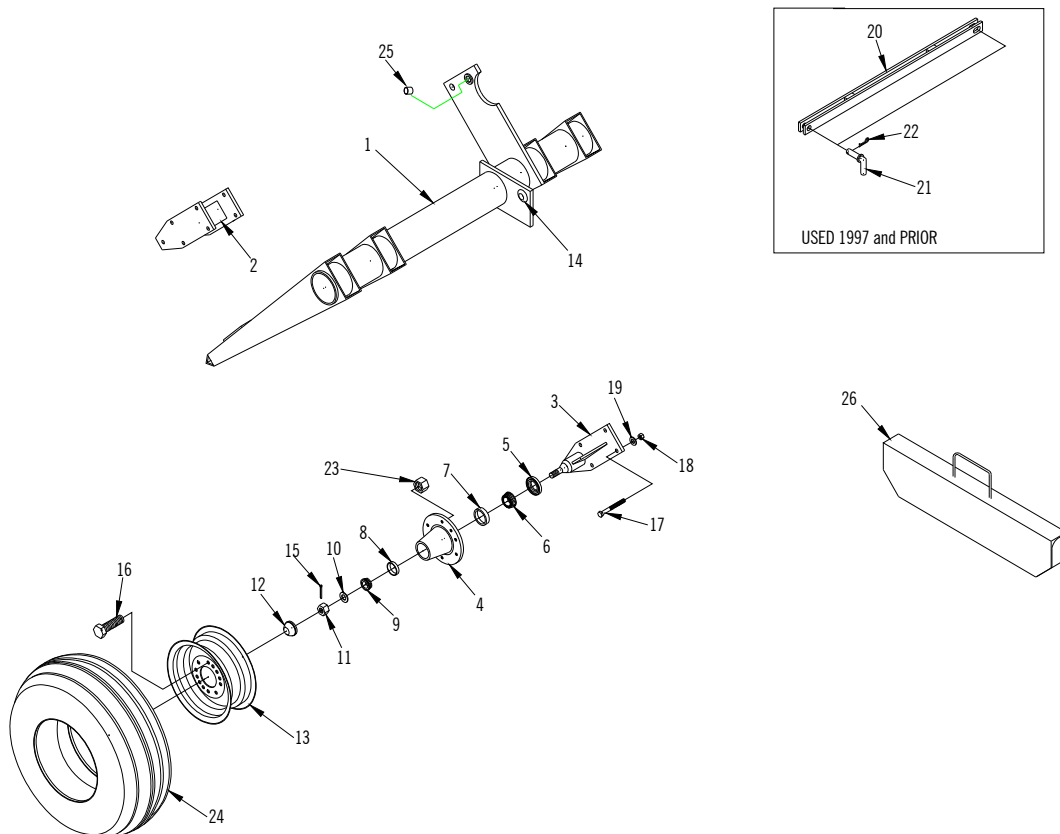
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DFA12271	Main Frame	1
2	DC9615	11" (279mm) Long Compression Spring	1
3	DFA10536	Single Spring Cushion Plate	1
4	DFA5041	Rockshaft Bearing Cap	2
5	DR5259	Rockshaft Bearing Liner Half	4
6	DF5063	Rockshaft Bearing Cap Shim	12
7	DR5260	1/4" (6.35mm) x 28 - 45 Degree Grease Fitting	2
8	10GN1	1/4" (6.35mm) x 28 - Straight Grease Fitting	2
9	B100140	1" x 14" N.C. (25.4mm x 356mm) Hex. Bolt	1
10	B075025	3/4" x 2-1/2" N.C. (19.0mm x 63.5mm) Hex. Bolt	4
11	BN100	1" N.C. (25.4mm) Hex. Nut	2
12	BN075	3/4" N.C. (19.0mm) Hex. Nut	4
13	BW075L	3/4" (19.0mm) Lockwasher	4



HITCH and CRANK ASSEMBLY

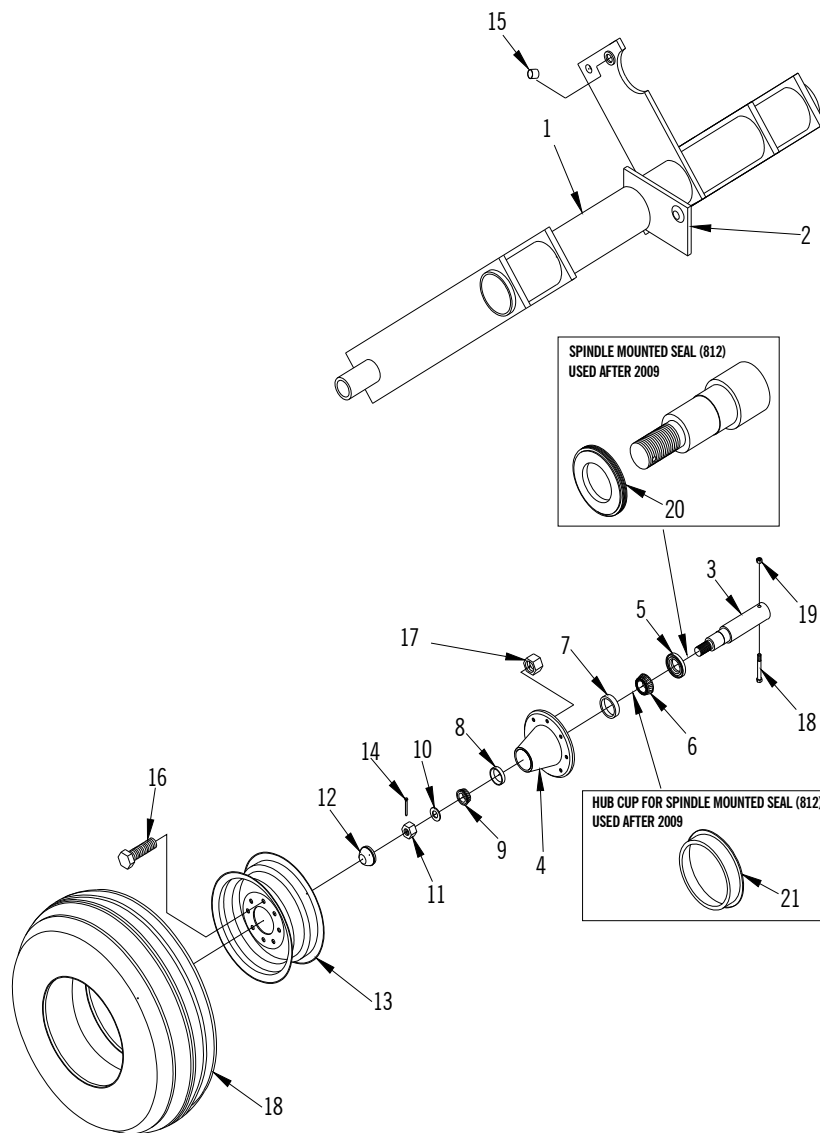
MODEL 8550 HITCH and CRANK ASSEMBLY PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DHA12015	Hitch Tongue Assembly	1
2	DHA12016	Hitch Draw Bar - (used on S/N 51789 and prior)	1
	DHA12321	Hitch Draw Bar - (used on S/N after 51789)	1
3	DH5146	Levelling Arm Lug	1
4	DCA9970	Crank - 50" Long (1270mm)	1
5	DC13098	Spacer Tube - 11" (279mm) Lg	1
6	DC9618	22" (559mm) Spring	1
7	DCA12310	Bearing Tube - Levelling Crank	1
8	DCA8577	Levelling Link - 21" (533mm)	1
9	DH5	2" N.C. (50.8mm) Heavy Hex. Nut - Drilled for Set Screw	1
10	DHA5161	Hose Support	1
11	DHB5170	Hitch Jack	1
12	DH12299	1-1/4" Dia. x 6" (31.7 x 152mm) Pin	1
13	DR5215	1-1/4" x 4-3/4" (31.7 x 121mm) Hex. Bolt (Special)	1
14	B100065	1" x 6-1/2" N.C. (25.4 x 165mm) Hex. Bolt	6
15	B050050	1/2" x 5" N.C. (12.7 x 127mm) Hex. Bolt	4
16	B050010S	1/2" x 1" N.C. (12.7 x 25.4mm) Square Head Set Screw	1
17	BN125	1-1/4" N.C. (31.7mm) Hex. Nut	1
18	BN100SL	1" N.C. (25.4mm) Hex. Steel Lock Nut	6
19	BN050	1/2" N.C. (12.7mm) Hex. Nut	4
20	BW125L	1-1/4" (31.7mm) Lockwasher	1
21	L2264	2" O.D. x 1-1/32 x 1/2" I.D. (50.8 x 26.2 x 12.7mm) Washer	6
22	BW050L	1/2" (12.7mm) Lockwasher	4
23	DH12517	7/16" x 1-7/16" (11.1 x 36.5mm) Lynch Pin	2
24	D13090	Safety Chain 20200 lbs (9165kg) (Option)	1
25	10GN1	1/4" - 28 Grease Fitting	1



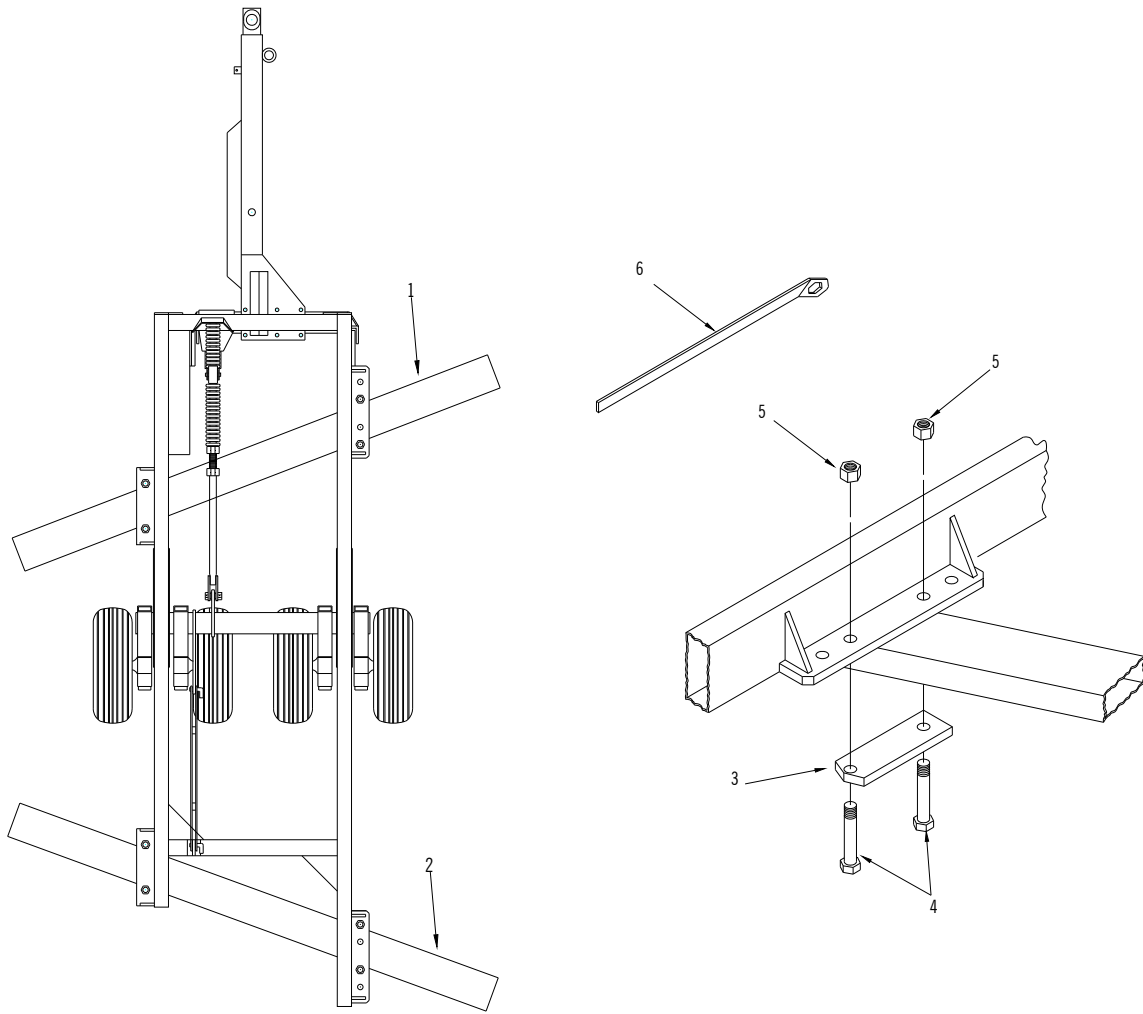
MODEL 8550 ROCKSHAFT and WHEEL ASSEMBLY PARTS LIST - Clamp-on Spindle Type
(used 2003 and prior)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DRA12035	Rockshaft	1
2	DRA9645	Wheel Leg Spacer - 7-1/2" (190mm) Long	2
3	DRA5571	Spindle - 812 - 5 Bolt Type	4
4	DRA9679	812 Hub - c/w cups	4
5	DR9680	Grease Seal - #SE17	4
6	DR9684	Inner Cone Bearing - 3780	4
7	DR9682	Inner Cup - 3720	4
8	DR9683	Outer Cup - 2720	4
9	DR9685	Outer Cone Bearing - 2790	4
10	BW20010318F	2" O.D. x 1-1/37" I.D. x .187" (50.8mm x 26.2mm x 4.75mm) Flatwasher	4
11	DR110	1" N.F. (25.4mm) Hex. Slotted Nut	4
12	DR9681	Hub Cap	4
13	S81509	15" x 10" (381mm x 254mm) 8 Hole rim	4
14	DR5227	1-1/4" (31.7mm) Ball Joint (Weld-on)	1
15	BP15125	5/32" x 1-1/4" (3.8mm x 31.7mm) Cotter Pin	4
16	DR9671	9/16" x 1-11/16" N.F. (14.2mm x 42.6mm) Wheel Stud	32
17	B062060	5/8" x 6" N.C. (15.7mm x 152mm) Hex. Bolt	20
18	BN062	5/8" N.C. (15.7mm) Hex. Nut	20
19	BN062L	5/8" (15.7mm) Lockwasher	20
20	DRA12036	Lock-up Strap - (used 1997 and prior)	1
21	DRA5248	Lock-up Pin - (used 1997 and prior)	2
22	DW25	Hair Pin - (used 1997 and prior)	2
23	DR9670	9/16" N.F. (14.2mm) Hex. Nut	32
24	125L15F	12.5L x 15 FI L/R AF $\cong$	4
25	DR13120	1/4" x 1-1/4" (31.8 x 31.8mm) Long Steel Insert	1
26	DRA12037	Transport Lockup Bracket	1



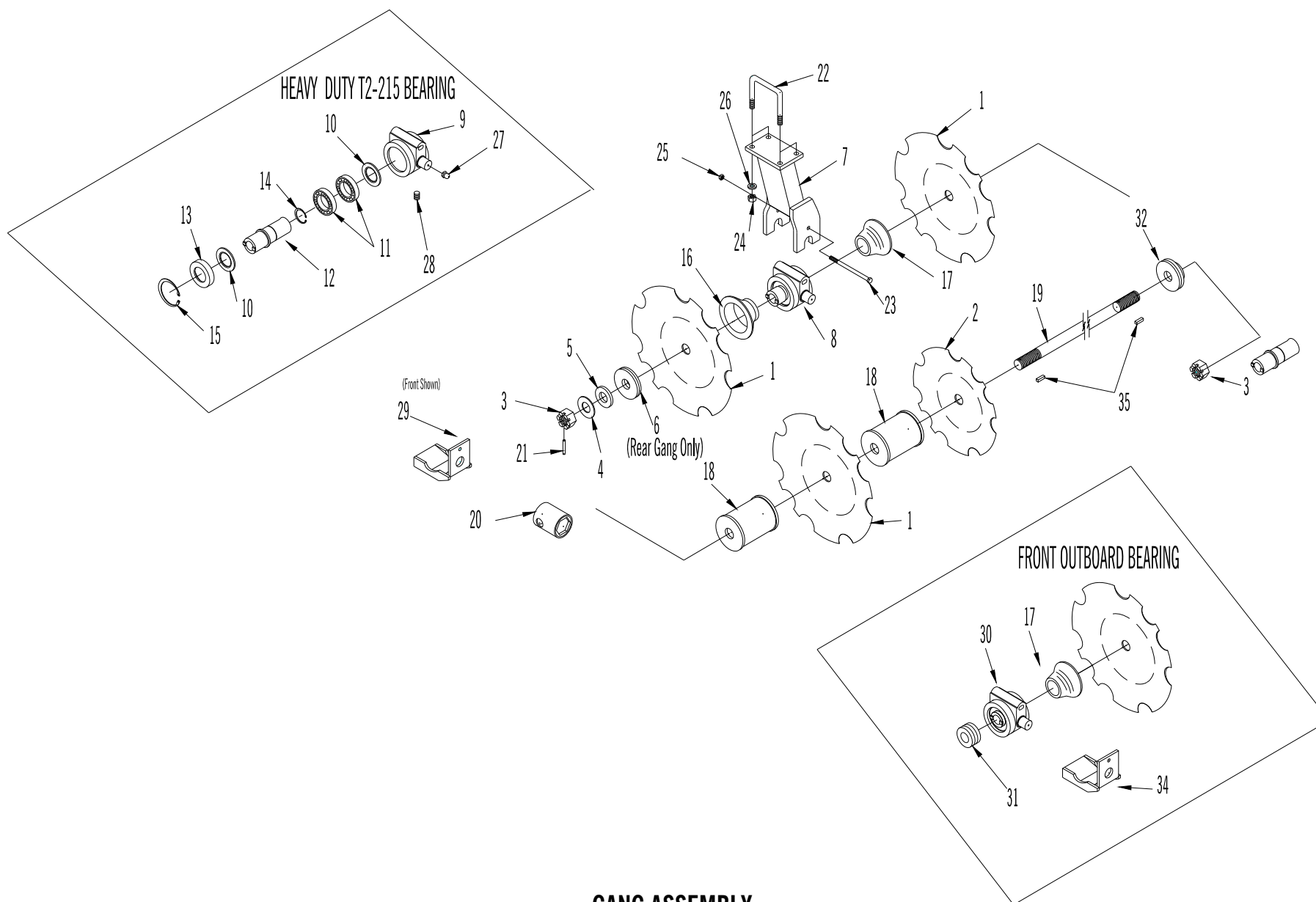
MODEL 8550 ROCKSHAFT and WHEEL ASSEMBLY PARTS LIST - Bolt-in Spindle Type
(used after 2003)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DRA12269	Rockshaft	1
2	DR5227	1-1/4" (31.7mm) Ball Joint – Weld-On	1
3	DR13004	Spindle - 812 - 13-3/4" (348mm)	4
4	DRA9679	812 Hub - c/w Cups	4
5	DR9680	Grease Seal - #SE17 (Used Prior To 2009)	4
6	DR9684	Inner Cone Bearing - 3780	4
7	DR9682	Inner Cup - 3720	4
8	DR9683	Outer Cup - 2720	4
9	DR9685	Outer Cone Bearing - 2790	4
10	BW20010318F	2" O.D. x 1-1/32" I.D. x .187" (50.8mm x 26.1mm x 4.75mm) Flatwasher	4
11	DR110	1" N.F. (25.4mm) Hex. Slotted Nut	4
12	DR9681	Hub Cap	4
13	S81509	15" x 10" (381 x 254mm) 8 Hole Rim	4
14	BP15125	5/32" x 1-1/4" (3.8 x 31.7mm) Cotter Pin	4
15	DR13120	1-1/4" x 1-1/4" (31.7 x 31.7mm) Long Steel Insert	1
16	DR9671	9/16" x 1-11/16" N.F. (14.2 x 42.6mm) Wheel Stud	32
17	DR9670	9/16" N.F. (14.2mm) Hex Nut	32
18	B050040	1/2" x 4" N.C. (12.7 x 101.6mm) Hex Bolt	4
19	BN050L	1/2" N.C. (12.7mm) Hex Nylon Lock Nut	4
20	DR13200	Seal – Spindle Mount Type (Used 2009 and Later)	4
21	DR13201	Seal Cup – Spindle Mount Type (Used 2009 and Later)	4



MODEL 8550 DISC GANG BEAM PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Front Gang Beam - 14" (356mm) spacing - (10" x 4" x 1/2" tube)	
	DBS 121-10	122" (3099mm) Beam - 17 Blade Disc	1
	DBS 136-10	136" (3454mm) Beam - 19 Blade Disc	1
	DBS 150-10	150" (3810mm) Beam - 21 Blade Disc	1
	DBS 165-10	165" (4191mm) Beam - 23 Blade Disc	1
	DBS 179-10	179" (4547mm) Beam - 25 Blade Disc	1
	DBS 194-10	194" (4928mm) Beam - 27 Blade Disc	1
2		Rear Gang Beam - 14" (356mm) spacing - (10" x 4" x 1/2" tube)	
	DBS 136-10	136" (3454mm) Beam - 17 Blade Disc	1
	DBS 150-10	150" (3810mm) Beam - 19 Blade Disc	1
	DBS 165-10	165" (4191mm) Beam - 21 Blade Disc	1
	DBS 179-10	179" (4547mm) Beam - 23 Blade Disc	1
	DBS 194-10	194" (4928mm) Beam - 25 Blade Disc	1
	DBS 209-10	209" (5309mm) Beam - 27 Blade Disc	
3	DG12251	Gang Beam Clamp - 2 Hole	4
4	DG12254	1-1/2" x 8-1/2" N.C. (38.1mm x 216mm) Gr. 5 Hex. Bolt	8
5	BN150	1-1/2" N.C. (38.1mm) Hex. Nut	8
6	DGA12260	Wrench for 1-1/2" (38.1mm) Bolts	2

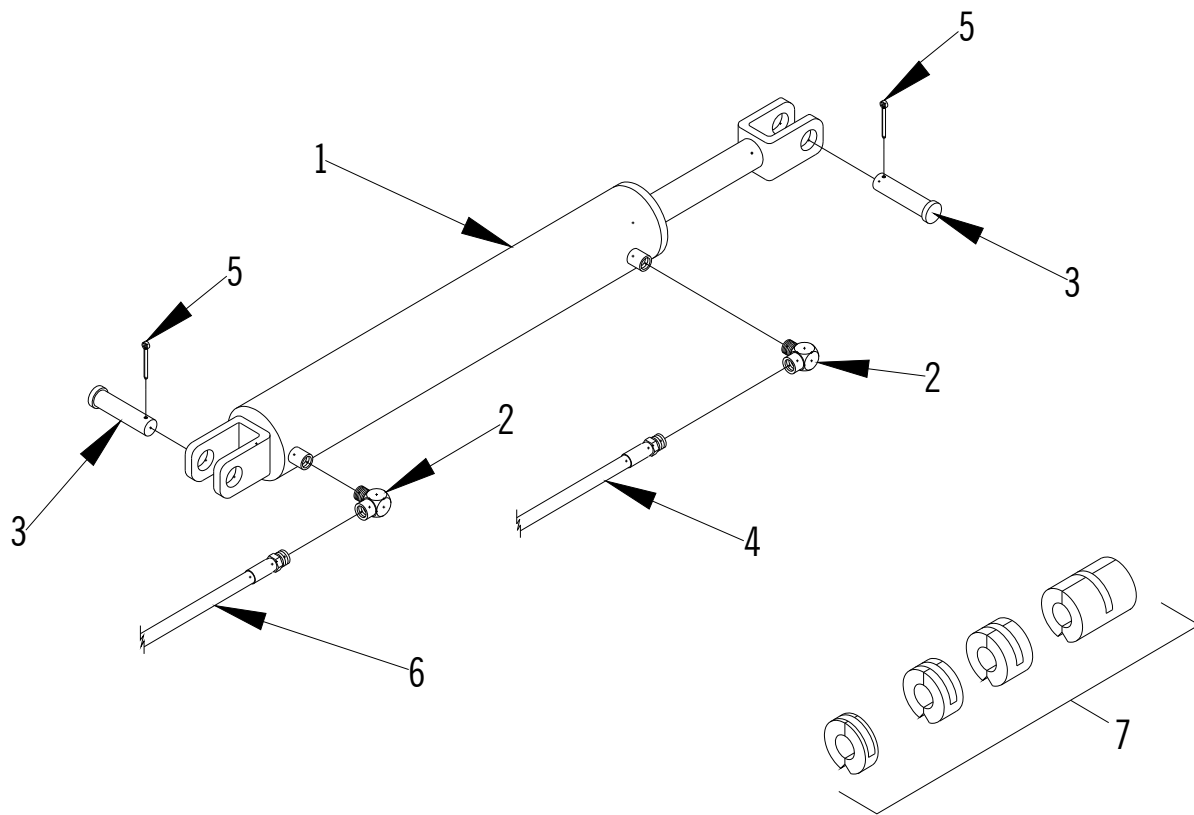


GANG ASSEMBLY

MODEL 8550 DISC GANG ASSEMBLY

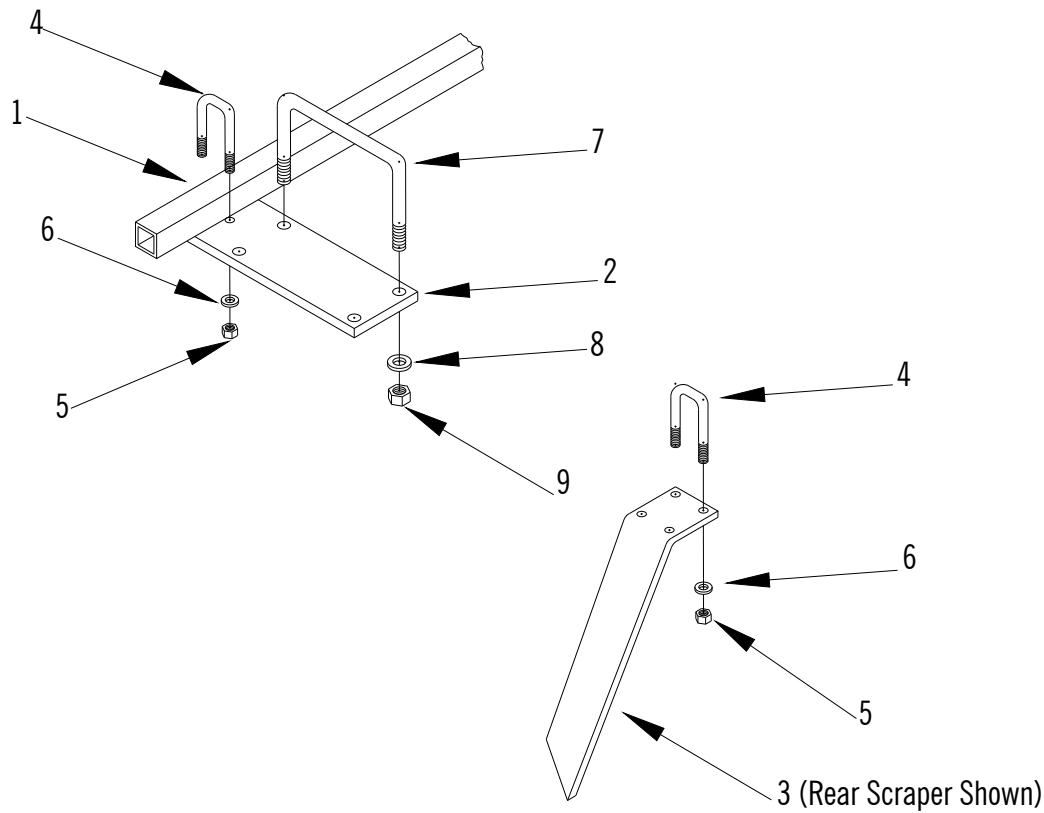
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	DG20118	32" x 12.7 mm (1/2") Notched Disc blade	*
2	DG20051	28" x 10 mm (.393") Notched Disc Blade - Rear Outrigger	*
3	DG12252	2" N.C. (50.8mm) Heavy Hex. Slotted Nut (Heat Treated)	4
4	DG89	1/4" (6.35mm) Shim Washer	*
5	DG88	1/2" (12.7mm) Shim Washer	*
6	DGA12257	Head Washer - Rear Gang - 7" OD x 2" long (178mm x 50.8mm) c/w key way - machined	*
7	DGA12261	Std. Trunion Mounted Bearing Hanger	*
8	DGB9940	T2-215 Housing c/w Bearings, Seals, 9" (229mm) Steel Sleeve, Snap Rings and Cap - Less 1/2 Spools	*
9	DG9901	T2-215 Bearing Housing	
10	DG9905	215 Bearing Seal- (National #200322)	*
11	DG9904	#6215 Ball Bearing Notched for Lubrication	*
12	DG9922	9" (229mm) Steel Sleeve w/drive lugs	*
	DG9924	7-1/2" (191mm) Steel Sleeve w/drive lugs (Outboard Bearing only)	*
13	DG9902	Bearing Housing Cap	
14	DG9911	External Snap Ring (Philip French #D1400-75)	*
15	DG9910	Internal Snap Ring (Philip French #D1300-130)	*
16	DG9913	Short Half Spool - 8-1/2" (216mm) O.D. (press-on type) - 14" (356mm) spacing	*
17	DG9914	Long Half Spool - 7" (178mm) O.D. (press-on type) - 14" (356mm) spacing	*
18	DGA10560	14" (356mm) Spacing Full Spool - 8-1/2" (216mm) dia. washer one end	*
19		GANG BOLTS - 14" SPACING	
	DGA206	5 BLADE - w/outrigger brg. - 77-5/8" (1972mm) long	*
	DGA207	6 BLADE - 81-3/4" (2076mm) long	*
	DGA208	7 BLADE - 96-3/8" (2448mm) long	*
	DGA213	8 BLADE - 111" (2819mm) long	*
	DGA209	9 BLADE - w/outrigger brg. - 136-5/8" (3470mm) long	*
	DGA167	10 BLADE - 140-1/4" (3562mm) long	*
	DGA187	10 BLADE - w/outrigger brg. - 149-5/8" (3800mm) long	*
	DGA188	11 BLADE - 154" (3912mm) long	*
20	DGA35	Socket Wrench	1
21	DG10310	7/16" x 3" (10.9mm x 76.2mm) Lock Pin	4
22	DG12250	7/8" x 10" (22.0mm x 254mm) U-Bolt	*
23	B062100	5/8" x 10" N.C. (15.7mm x 254mm) Hex Bolt - used by machines Less bearing guards	*
	B062110	5/8" x 11 N.C. (15.7mm x 279mm) Hex Bolt - used by machines With bearing guards	*
24	BN087	7/8" N.C. (22.0mm) Hex Nut	*
25	BN062L	5/8" N.C. (15.7mm) Hex Nylon Lock Nut	*
26	BW087L	7/8" (22.0mm) Lockwasher	*
27	10GN1	1/4" x 28 (6.35mm) Grease Fitting	*
28	DG9912	Set Screw	*
29	DGA12051	Bearing Guard - Front Gang	*
	DGA12052	Bearing Guard - Rear Gang	*
30	DGB9937	T2-215 Housing c/w bearings, seals, 7-1/2" (191mm) Steel sleeve, snap ring and cap - Outboard Bearing	*
31	DGA10588	4" O.D. x 1-3/4" (101.6mm x 44.4mm) Long End Plate w/keyway and drive slots - Front Gang Outboard Bearing	1
32	DGA10589	8-1/2" O.D. x 2-1/8" (216mm x 53.8mm) Long End Plate w/keyway	4
33	DG10597	1/2" sq. X 1-3/4" (12.7mm x 44.4mm) key	4
34	DGA12053	Bearing Guard - for Outboard Bearing	1
35	DG12268	1/2" sq. x 1" (12.7mm x 25.4mm) key	*

* as required



HYDRAULIC SYSTEM

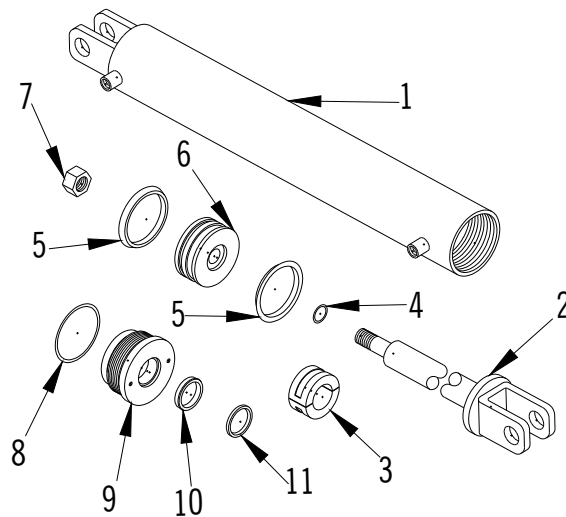
REF. NO.	PARTS NO.	DESCRIPTION	QTY. REQ'D
1	241	4" x 24" (101.6mm x 609.6mm) Rockshaft Cylinder	1
2	DL9777	1/2" (12.7mm) Street Elbow (Steel)	2
3	DR5252	Clevis Pin - 1-1/4" x 4-3/16" (31.7mm x 106.4mm)	2
4	DL2966	1/2" x 216" (12.7mm x 5486mm) Hose	1
5	BP25150	1/4" x 1-1/2" (6.35mm x 38.1mm) Cotter Pin	2
6	DL2963	1/2" x 190" (12.7mm x 4826mm) Hose	1
7	C50716	WHOA Stop Depth Control Package 8-3/4 (222mm)	2



SCRAPER ASSEMBLY

REF. NO.	PARTS NO.	DESCRIPTION	QTY. REQ'D
1	DS121-2-4	SCRAPER BARS for 14" (356mm) SPACING - Front Gang	*
	DS136-2-4	8 Blade - 121" (3073mm) Long	*
	DS150-2-4	9 Blade - 136" (3454mm) Long	*
	DS165-2-4	10 Blade - 150" (3810mm) Long	*
	DS179-2-4	11 Blade - 165" (4191mm) Long	*
	DS179-2-4	12 Blade - 179" (4547mm) Long	*
	DS136-2-4	SCRAPER BARS for 14" (356mm) SPACING - Rear Gang	*
	DS150-2-4	9 Blade - 136" (3454mm) Long	*
	DS165-2-4	10 Blade - 150" (3810mm) Long	*
	DS179-2-4	11 Blade - 165" (4191mm) Long	*
	DS179-2-4	12 Blade - 179" (4547mm) Long	*
	DS194-2-4	13 Blade - 194" (4928mm) Long	*
2	DG12253	Scraper Bar Support - 18" (457mm) Long	*
3	DGA12255	Scraper - 3/4" x 4" - (19.0mm x 102mm) Front Gang	*
	DGA12256	Scraper - 3/4" x 4" - (19.0mm x 102mm) Rear Gang	*
4	DG5309	5/8" x 2" (15.7mm x 50.8) U-bolt	*
5	BN062	5/8" (15.7mm) Hex. nut	*
6	BW062L	5/8" (15.7mm) Lockwasher	*
7	DG12250	7/8" x 10" (22.0mm x 254mm) U-bolt	*
8	BW087L	7/8" (22.0mm) Lockwasher	*
9	BN087	7/8" (22.0mm) N.C. Hex. nut	*

* as required



**MODEL 8550
ROCKSHAFT CYLINDER PART LIST
N4 TYPE**

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	40TU9	Tube assembly - 4" x 24" (102mm x 610mm)	1
2	10SH46	Shaft - 1-3/4" x 24" (44.4mm x 610mm)	1
3	C50711	Depth control stop ring - 1" (25.4mm) long	2
	C50712	Depth control stop ring - 1-1/2" (38.1mm) long	2
	C50713	Depth control stop ring - 1-3/4" (44.4mm) long	2
	C50717	Depth control stop ring - 4-1/4" (108mm) long	2
4	100R13	1/8" x 1-1/4" O.D. (3.0mm x 31.7mm) O'ring	1
5	40CU3	3-1/2" x 4" x 3/8" (88.9mm x 102mm x 9.4mm) U-cup	2
6	40PB5	4" O.D. x 2-1/2" (102mm x 63.5mm) long piston	1
7	10NU4	1" (25.4mm) lock nut	1
8	100R17	3/16" x 4" O.D. (4.6mm x 102mm) O'ring	1
9	40HP7	4" O.D. x 1-3/4" I.D. (102mm x 44.4mm) head plate	1
10	10RS3	1-3/4" x 2-1/8" x 3/8" (44.4mm x 53.8mm x 9.4mm) rod seal	1
11	10WS3	1-3/4" x 2-1/8" x 3/16" (44.4mm x 53.8mm x 4.6mm) wiper seal	1

CYLINDER SEAL KIT

KIT NO.	CONTENTS	APPLICATION
4017N4	2 40CU3 1 100R13 1/8" x 1-1/4" O.D. (3.0mm x 31.7mm) O'ring 1 100R17 3/16" x 4" (4.6mm x 102mm) O.D. O'ring 1 10RS3 Rod seal 1-3/4" (44.4mm) I.D. 1 10WS3 Wiper seal 1-3/4" (44.4mm) I.D. 1 100R19 1-1/8" I.D. x 1-1/4" O.D. (28.4mm x 31.7mm) O-Ring	4" x 24" (102mm x 610mm) Rockshaft Cylinder