CNH High-clearance Shank Residue Manager

OWNER'S MANUAL
PART IDENTIFICATION
2565-993 07/2025

YETTER MANUFACTURING CO.

Founded 1930

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YETTER

FOREWORD

You've just joined an exclusive but rapidly growing club.
For our part, we want to welcome you to the group and thank you for buying a Yetter product.

We hope your new Yetter products will help you achieve both goals-increase your productivity and increase your efficiency so that you may generate more profit.

This operator's manual has been designed into four major sections: Foreword, Safety Precautions, Installation Instructions and Parts Breakdown.

This **SAFETY ALERT SYMBOL** indicates important safety messages in the manual...When you see this symbol, be alert to the possibility of **PERSONAL INJURY** and carefully read the message that follows.

DANGER: Indicates an imminently hazardous situation which, if not avoided "will" result in death or serious injury. This signal word is to be limited to the most extreme situations

WARNING: Indicates a potentially hazardous situation which, if not avoided, "could" result in death or serious injury.

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

NOTICE: Indicates information considered important, but not hazard related (e.g., messages relating to property damage).

It is the responsibility of the user to read the operator's manual and comply with the safe and correct operating procedure and to lubricate and maintain the product according to the maintenance schedule in the operator's manual.

The user is responsible for inspecting his machine and for having parts repaired or replaced when continued use of the product would cause damage or excessive wear to the other parts.

It is the user's responsibility to deliver his machine to the Yetter dealer who sold him the product for service or replacement of defective parts, which are covered by the warranty policy.

If you are unable to understand or follow the instructions provided in this publication, consult your local Yetter dealer or contact:

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WARRANTY POLICY

Yetter Manufacturing warrants all products manufactured and sold by it against defects in material. This warranty being expressly limited to replacement at the factory of such parts or products as will appear to be defective after inspection. This warranty does not obligate the Company to bear cost of labor in replacement of parts. It is the policy of the company to make improvements without incurring obligations to add them to any unit already sold. No warranty is made or authorized to be made, other than herein set forth. This warranty is in effect for one year after purchase.

Dealer :_____

Yetter Manufacturing warrants its own products only and cannot be responsible for damage to equipment on which mounted.

SAFETY PRECAUTIONS

A brief description of signal words that may be used in this manual:
DANGER: Indicates an imminently hazardous situation which, if not avoided "will" result in death or serious injury. This signal word is to be limited to the most extreme situations.

WARNING: Indicates a potentially hazardous situation which, if not avoided, "could" result in death or serious injury.

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

NOTICE: Indicates information considered important, but not hazard related (e.g., messages relating to property damage).

Consult your implement and tractor operator's manual for correct and safe operating practices. Be aware of towed implement width and allow safe clearance.

Safety decals are placed on the implement to alert the operator and others to the risk of personal injury or unsafe operation during normal operations and servicing.

1. The safety decals must be kept clean and in good condition to ensure that they are legible.
2. Safety decals must be replaced if they are missing or illegible.
3. When components are replaced during repair or servicing, check that the new components include the necessary safety signs.
4. Replacement safety decals may be obtained from your local dealer.

WARNING

Read these instructions carefully to acquaint yourself with the Equipment. Working with unfamiliar equipment can lead to accidents.

Never park the equipment on a steep incline or leave the equipment running unattended.

Never clean, lubricate or adjust a machine that is in motion.

Always check that straps are secure.

Make sure latches are in pinned position when moving equipment.

Do not allow children to operate this equipment.

Do not allow riders on the equipment, trailer and/or pick-up.

Use speed and caution dictated by the terrain being traversed. Do not operate on any slope steep enough to cause tipping or loss of control.

Read and understand the operator's manual and require all other persons who will operate the equipment to do the same.

If operating on public roadways, where legal, be certain all lighting is operating properly and observe all traffic laws.

Beware of increased stopping distances and control effort when operating with implements attached.

Be familiar with all controls and be prepared to stop equipment quickly in an emergency.

FAILURE TO HEED MAY RESULT IN PERSONAL INJURY OR DEATH.

TABLE OF CONTENTS

BOLT TORQUE

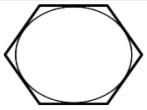
NOTICE: Over-tightening hardware can cause just as much damage as under-tightening. Tightening hardware beyond the recommended range can reduce its shock load capacity.

All hardware is either Grade 5 unless otherwise noted. Grade 5 cap screws are marked with three radial lines on the head. Grade 8 cap screws are marked with six radial lines on the head. If hardware must be replaced, be sure to replace it with hardware of equal size, strength and thread type. Refer to the torque values chart when tightening hardware.

The chart below is a guide for proper torque. Use it unless a specified torque is called out elsewhere in the manual. Torque is the force applied to the end of the handle or cheater bar, times the length of the handle or bar. Tightening hardware beyond the recommended range can reduce its shock load capacity.

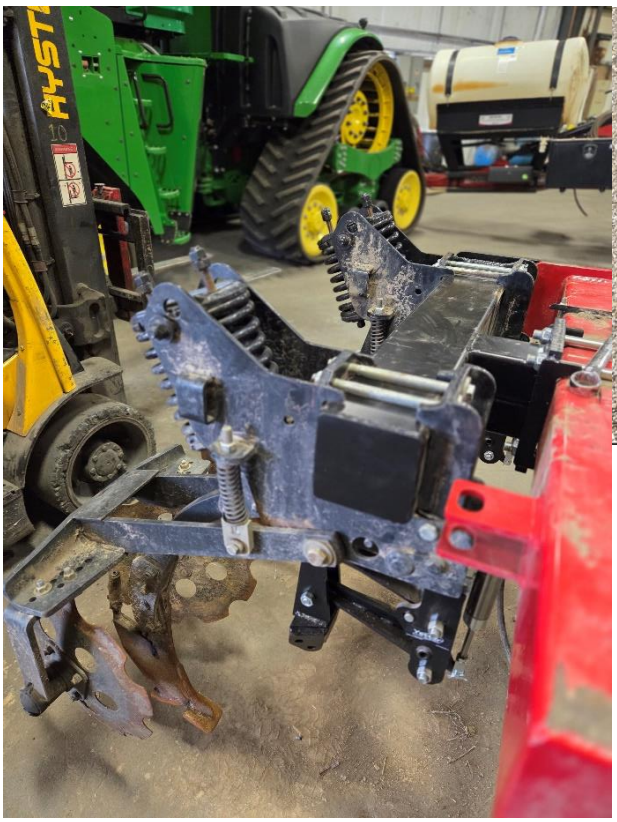
Use a torque wrench wherever possible

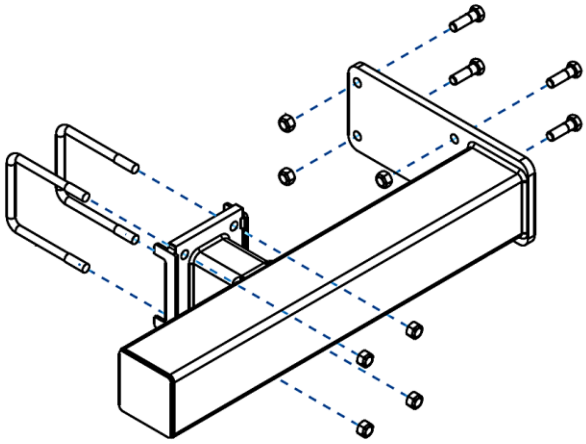
The following table shows torque in ft.-lbs. for coarse thread hardware.

Bolt Diameter and Threads per Inch	 Grade 2	 Grade 5	 A-325	 Grade 8
1/4	6	10		14
5/16	12	20		30
3/8 –16	25	35		50
7/16 – 14	35	55		80
1/2 – 13	55	85		125
9/16 – 12	75	125		175
5/8 – 11	105	170		235
3/4-10	185	305		425
7/8 – 9	170	445		690
1-8	260	670		1030
1 1/8 – 7	365	900		1460
1 1/4 - 7	515	1275		2060
1 3/8 –6	675	1675		2700
1 1/2 - 6	900	2150		3500
1 3/4 – 5	1410	3500		5600

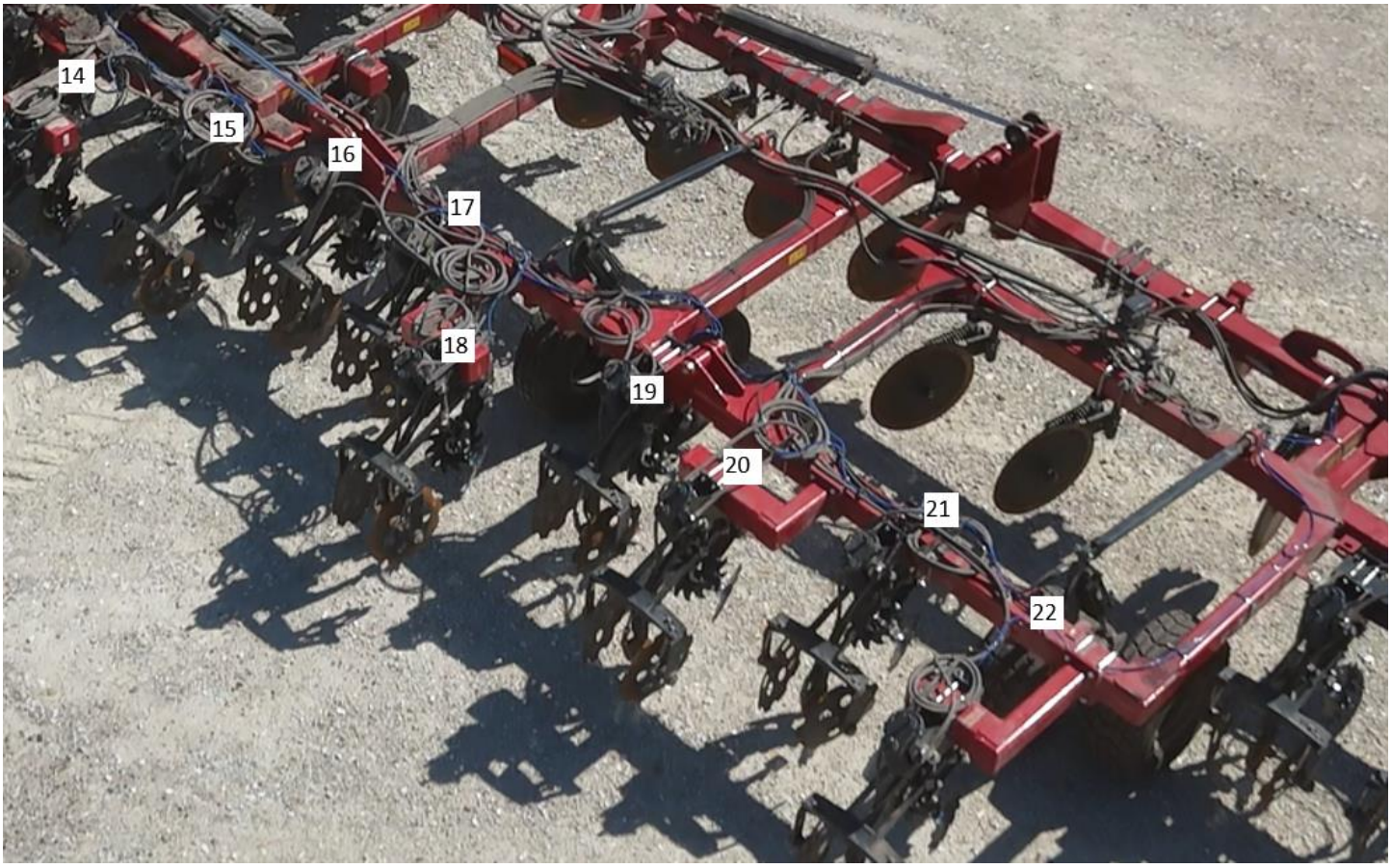
INSTALLATION INSTRUCTIONS

STEP 1: Remove row units 1,2 and 23,24 from the outer front fold wings and install the setback kit/subframe section to allow clearance between row cleaner and cutting coulter. Reinstall the row units, making sure to maintain proper spacing.



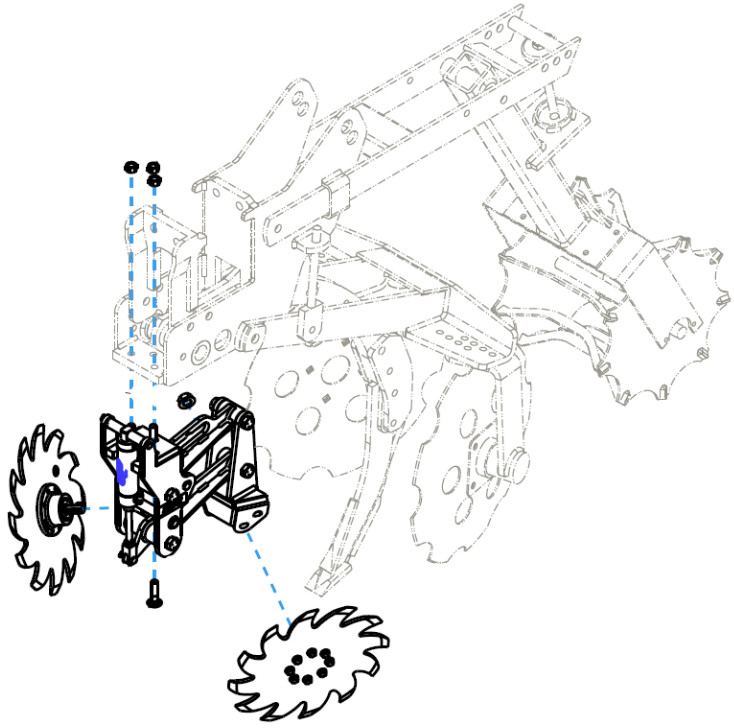


STEP 2: Configure offsets as show in the picture on next page. The left half of the bar (row 1-12) will be a mirror image of the right half (row 13-24) of the bar. Depending on the current configuration, offset brackets could need purchased through Case (part number 84410628 is short offset and 84327878 is long offset). Rows 3, 5, 7, 18, 20, and 22 will need offset back to provide clearance for the row cleaner. Offsets can be robbed from other rows to provide the clearance needed. Maintaining a stagger will improve residue flow and reduce plugging, but is not critical. The picture on the next page shows a bar with this configuration, that maintains a stagger on all row other than 8, 9 and 16, 17.



STEP 3: Using the 3 provided ½" carriage bolts and lock nuts, attached the bracket to the front of the Case shank as shown. Torque to 125 ft/lbs.

STEP 4: Attach the shark tooth wheel assemblies to the bracket. For 13" shark tooth wheels use the front lower holes. **Torque the serrated flange nut on the D-bolt to 190 ft/lbs.**

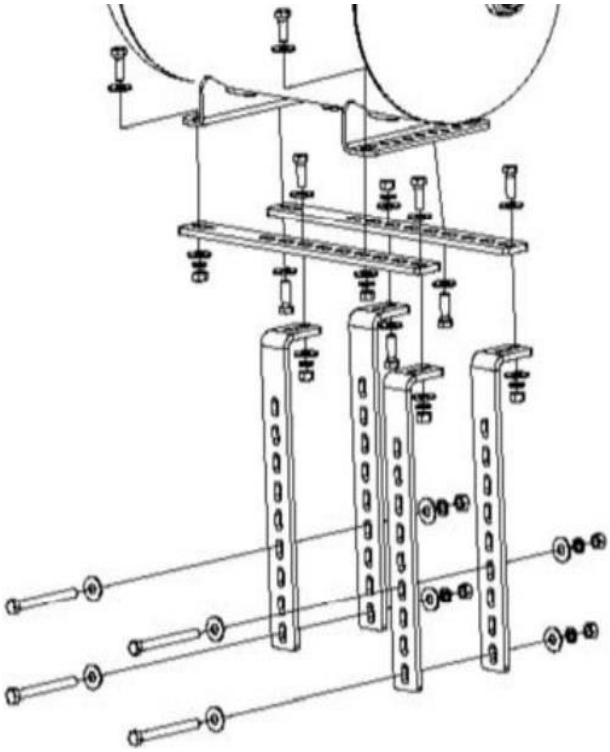


STEP 5: Install air lines into air cylinders. For commonality, always use blue air line as up pressure (barrel end of cylinder) and black as down pressure (rod end of cylinder). It works best to run a "truck line" from row 1 to 24 and connect to the cylinder on those rows. Then splice a "T" into the air line at every row unit and run a branch line down to that row. **Use caution when running air lines around pivot points or other obstacles to ensure lines don't become pinched, ripped, or crimped. It is wise to follow existing liquid or hydraulic hoses. Use adequate zip ties to fully secure the lines**

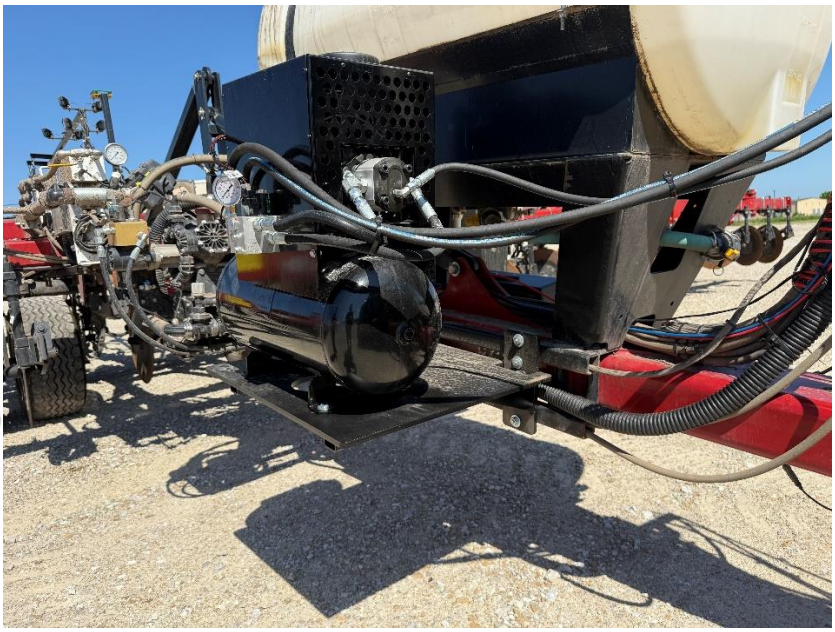
STEP 6: **Fill the Compressor with supplied oil before use*** Mount the hydraulic compressor where space allows. The 2940-086 universal mounting kit will provide some options. Otherwise a custom mount will need designed. Pictured below are both options. If the compressor is not mounted at the front of the hitch, the 10' hoses in the 2940-089 hose kit will not be long enough. If you decide to have your own hoses made, you will also need fittings and pioneer couplers.

Connect and run the 3/8" pressure hose to the port labeled P on the hydraulic block. Connect the ½" return hose the port labeled T on the hydraulic block. Connect the 3/8" case drain hose to the port on the back of the hydraulic motor. The tractor will need a case drain dump valve installed. There is a backflow check valve in the block, so the motor can not be run backwards.

Plug the 2940-525 compressor control "Y" harness into the solenoid on the hydraulic block and the pressure switch. Connect the Y harness to the 2940-154 30' extensions, and route to the cab. Splice the 2940-153 power to your tractors switched power connector. Using the 2940-158 Y harness supplied in the airline kit, connect to the switched power from the tractor. Plug the other end into the monitor, and the two pin wire harness coming from the compressor.



2940-086



STEP 7: Near the center of the bar, splice a "T" into both air lines and route to the controller mounted in the cab. Route supply air from air compressor using the same routing as well.

OPERATION

Row Cleaner operation

Use air pressure to control residue movement while minimizing soil movement. With this controller option, you can supply air to the up circuit as well as the down circuit at the same time. The downforce applied will be a result of the NET downforce. The aggressiveness will increase the higher you run both air pressures. For example, running 20psi of up pressure and 45psi of down pressure will give a NET down force of 25psi, but aggressiveness will be low. If the pressure is changed to 35psi of up pressure and 60psi of down pressure, the NET is still 25psi of down force, but aggressiveness is high.

The controller also has a dump feature. Flip the switch to raise to lift the row cleaners when they are not wanted. Flip back to lower to continue with field use.

Compressor Operation

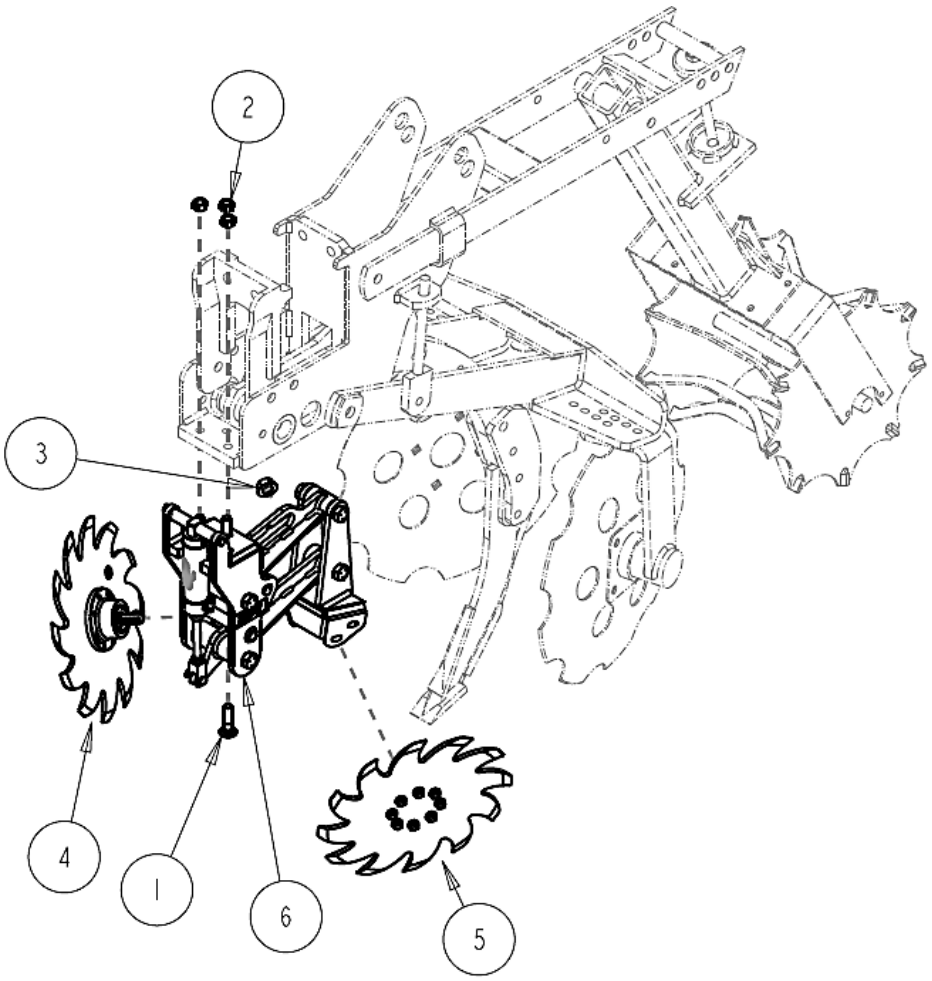
The pressure gauge on the compressor hydraulic block shows the pressure that is being supplied to the block, not pressure to the hydraulic motor.

The hydraulic compressor should take approximately 2 minutes to fill from 0 psi to 145 psi. There is a chance that hydraulic flow could need adjusted if compressor fills too fast, too slow, or will not reach 145 psi. On top of the hydraulic block, the allen head screw can be turned to adjust flow, after the jam nut is loosened.

The compressor should run at 1350 rpms or less. Overspeeding the compressor can lead to failure.

PART IDENTIFICATION

2966-080-ST



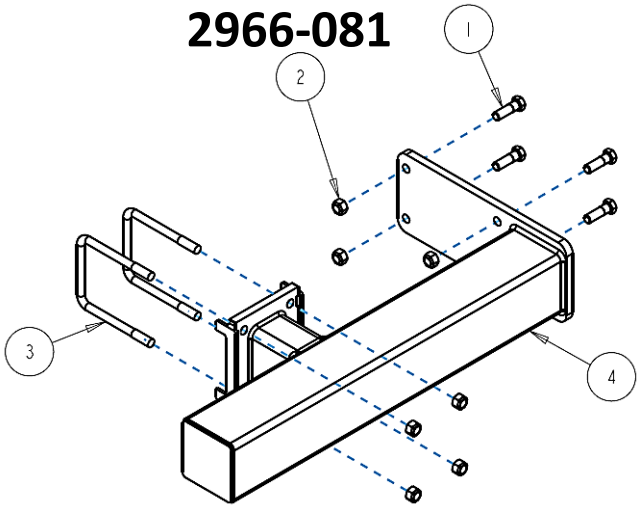
ITEM	PART NO.	DESCRIPTION	QTY
1	2505-346	ROUND HEAD SQUARE NECK BOLT ASME B18.5, 1/2-13 X 2, SAE J429, GR8, ZINC PLATED	3
2	2520-358	1/2-13 REVERSIBLE LOCK HEX NUT GR C, ZP	3
3	2520-465	5/8-11 SER. FLANGE NUT, GR 8, ZP	2
4	2966-140-ST	SHARKTOOTH ASSY,RH,3" D-BOLT	1
5	2966-141-ST	SHARKTOOTH ASSY,LH,3" D-BOLT	1
6	2966-915	RESIDUE MANAGER ASSEMBLY	1

2966-080-ST-PFW

ITEM	PART NO.	DESCRIPTION	QTY
1	2505-346	ROUND HEAD SQUARE NECK BOLT ASME B18.5, 1/2-13 X 2, SAE J429, GR8, ZINC PLATED	
2	2520-358	1/2-13 REVERSIBLE LOCK HEX NUT GR C, ZP	3
3	2520-465	5/8-11 SER. FLANGE NUT, GR 8, ZP	2
4	2966-140-ST-PFW	SHRKTH POLY FLOATER WHEEL ASSY,RH,3"D-BOLT	1
5	2966-141-ST-PFW	SHRKTH POLY FLOATER WHEEL ASSY,LH,3"D-BOLT	1
6	2966-915	RESIDUE MANAGER ASSEMBLY	1

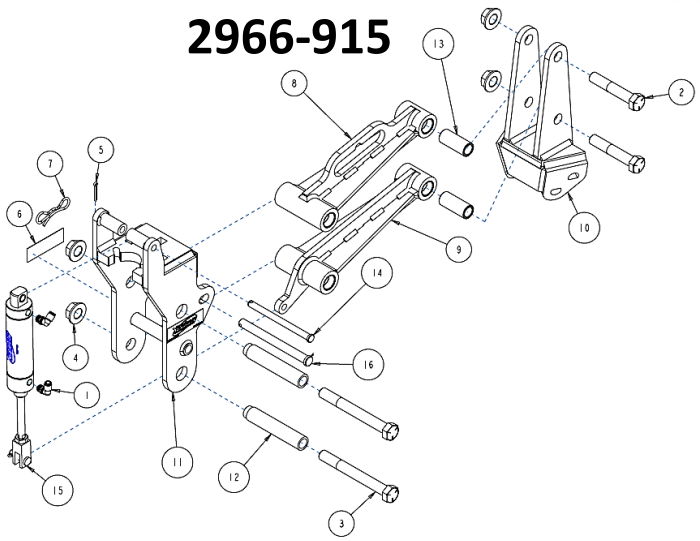
PART IDENTIFICATION

2966-081



ITEM	PART NO.	DESCRIPTION	QTY
1	2502-400	3/4-10 NCX2-1/2 HHCS GD8 ZP	4
2	2520-604	3/4-10 HEX TOP LOCK, GR. C, ZP	8
3	2570-064	3/4 X 6 X 8 U-BOLT	2
4	2966-2017	WING SETBACK W.A.	1

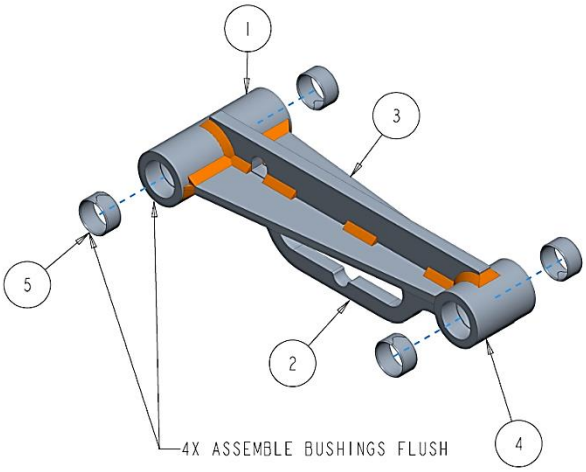
2966-915



ITEM	PART NO.	DESCRIPTION	QTY
1	1200-323	MALE 90 SWIVEL, 1/4 TUBE TO 1/8 NPT	2
2	2502-324	5/8-11 X 3-1/2 HHCS GR5 ZP	2
3	2502-397	5/8-11 X 5 1/2 HHCS GR5 ZP	2
4	2520-476	5/8-11 HEX FLANGE NUT, PREVAILING-TORQUE, GR C, ZP	4
5	2531-107	1/8 X 1 COTTER PIN ZP	1
6	2565-179	YETTER DECAL 1" X 3"	2
7	2570-448	.120 BOWTIE LOCKING COTTER ZP	1
8	2966-2014	UPPER PARALLEL ARM W.A.	1
9	2966-2015	LOWER PARALLEL ARM W.A.	1
10	2966-2016	WHEEL MOUNT W.A.	1
11	2966-2018	SPINDLE MOUNT W.A., CNH HCS ST	1
12	2966-450	SPINDLE BUSHING, HARDENED	2
13	2966-456	PIVOT BUSHING, HARDENED	2
14	2966-472	PIN, CLEVIS, ASME B18.8.1, .375 X 5, STEEL, ZINC PLATED	1
15	2966-473	1.5 X 3 PNEUMATIC CYLINDER ASS'Y	1
16	2984-497	AIR CYLINDER ROD PIN	1

PART IDENTIFICATION

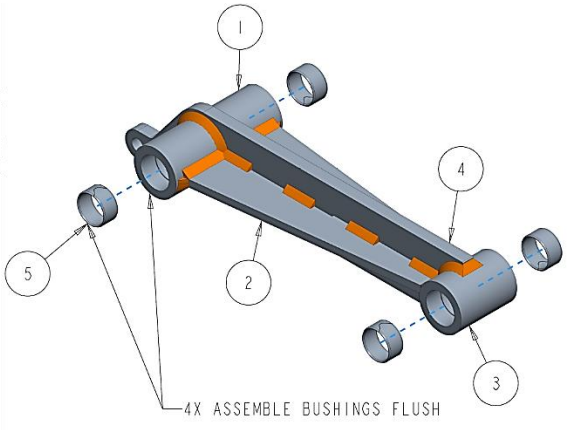
2966-2014



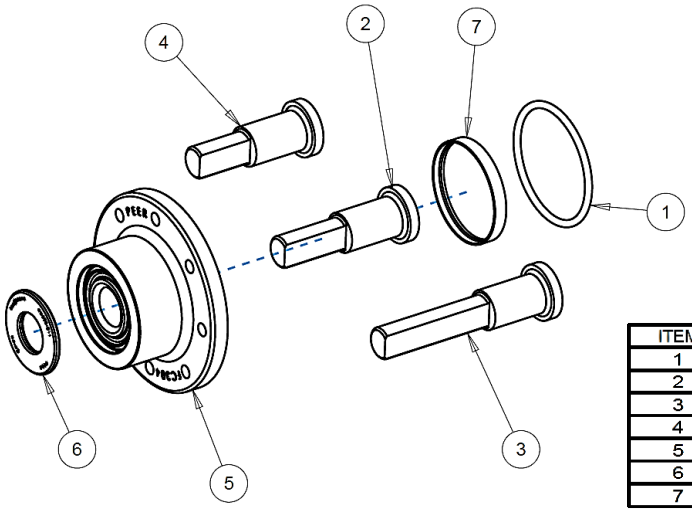
ITEM	PART NO.	DESCRIPTION	QTY
1	2966-451	PIVOT HOUSING	1
2	2966-452	RIB WITH HANDLE	1
3	2966-453	HORIZONTAL RIB	1
4	2966-454	PIVOT HOUSING, SHORT	1
5	6000-560	SPLIT TENSION BUSHING	4

2966-2015

ITEM	PART NO.	DESCRIPTION	QTY
1	2966-451	PIVOT HOUSING	1
2	2966-453	HORIZONTAL RIB	1
3	2966-454	PIVOT HOUSING, SHORT	1
4	2966-455	RIB, CYLINDER LUG	1
5	6000-560	SPLIT TENSION BUSHING	4



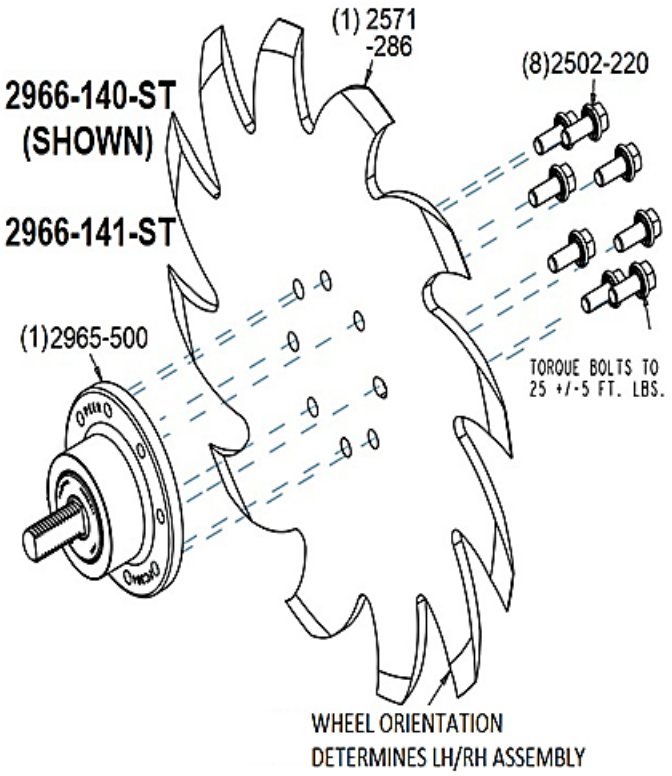
2965-500



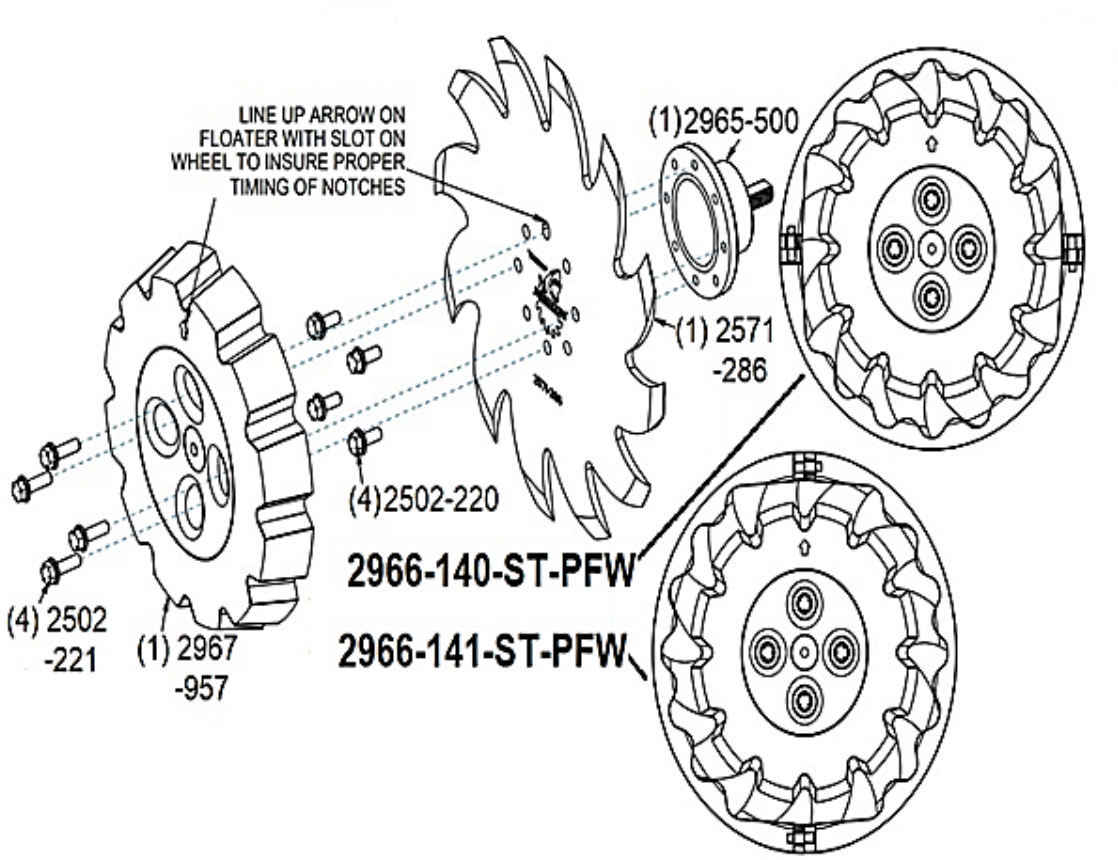
ITEM	PART NO.	DESCRIPTION	QTY
1	2550-072	O-RING, RUBBER, 3.5MM WIDE X 56MM ID	1
2	2965-600	SHAFT 73= VJ-X-P-CR-20MM-73	1
3	2965-601	SHAFT 98.4= VJ-X-P-CR-20MM-98.4	1
4	2965-602	SHAFT 66.7= VJ-X-P-CR-20MM-66.7	1
5	2965-603	HUB & BEARING ASSEMBLY= HUB20-011-D	1
6	2965-604	SPACER= WS-Z-20-43-3	1
7	2965-605	DUST CAP= SC-52-6.7	1

PART IDENTIFICATION

2966-140/141-ST



2966-140/141-ST-PFW




Yetter

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