



## 2967-003A SINGLE WHEEL RESIDUE MANAGER FOR MONOSEM PLANTER



**OPERATOR'S MANUAL  
PART IDENTIFICATION**  
2565-768\_REV\_G - 08/2023

**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.

The word **NOTE** is used to convey information that is out of context with the manual text. It contains special information such as specifications, techniques and reference information of a supplementary nature.

The word **IMPORTANT** is used in the text when immediate damage will occur to the machine due

to improper technique or operation. Important will apply to the same information as specified by note only of an immediate and urgent nature.

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:

## YETTER MANUFACTURING CO.

309/776-4111

800/447-5777

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Website: [www.yetterco.com](http://www.yetterco.com)

E-mail: [info@yetterco.com](mailto:info@yetterco.com)

# WARRANTY

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 shall 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 damages to equipment on which mounted.**

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# BOLT TORQUE

## Mounting bolts and hardware

Before operating the Residue Manager for the first time, check to be sure that all hardware is tight. Check all hardware again after approximately 50 hours of operation and at the beginning of each planting season.

All hardware used on the Residue Manager is Grade 5 unless otherwise noted. Grade 5 cap screws are marked with three 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.

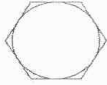
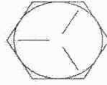

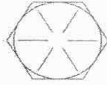
**Important:** Over tightening hardware can cause as much damage as when under tightening. Tightening hardware beyond the recommended range can reduce its shock load capacity.

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 you apply to the wrench handle or the cheater bar, times the length of the handle or bar.

Use a torque wrench whenever possible.

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

BOLT DIA. AND THREADS PER INCH	 GRADE 2	 OR  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

Lubricate all bearings and moving parts as assembled and make certain that they work freely.



**WARNING:** Never work around the toolbar/implement while in a raised position without using safety lockups.



**CAUTION:** The Residue Manager attachments are very heavy. Pay extra attention to lifting techniques while handling and or maneuvering the opener during assembly. Failure to do so may lead to personal injury.

# OPERATION

## ROW CLEANER DO'S AND DON'TS

1. **DO NOT** move soil; Residue Managers are designed to move crop residue only.
2. **DO NOT** operate planter at slow speeds, ground speed affects how aggressive the spoke wheels are; operate at sufficient speed (4-6 mph) to maintain good residue flow.
3. **DO NOT** expect 100% of crop residue to be cleared, it is not necessary and would necessitate engaging the soil. The width of path cleared depends on ground conditions, depth setting and ground speed.
4. **DO** expect to see wheels occasionally quit turning, indicates ideal (shallow) setting which is not moving soil.
5. **DO** adjust planter frame height 20"-22" and drawbar to "level" correctly. Very important to ensure planter opener will follow ground contours properly.

## OPERATION PRECAUTIONS

# STOP

Read this before using the Yetter product.

### - MACHINE OPERATION

**IMPORTANT:** failure to properly set the planter frame height and levelness can result in less than successful operation of the planter and the Yetter product and may result in damaged equipment. All operators should read and thoroughly understand the instructions given prior to using the Yetter product.

NOTE: **DO NOT** use this product if the planter is not adjusted properly!

Leveling the planter:

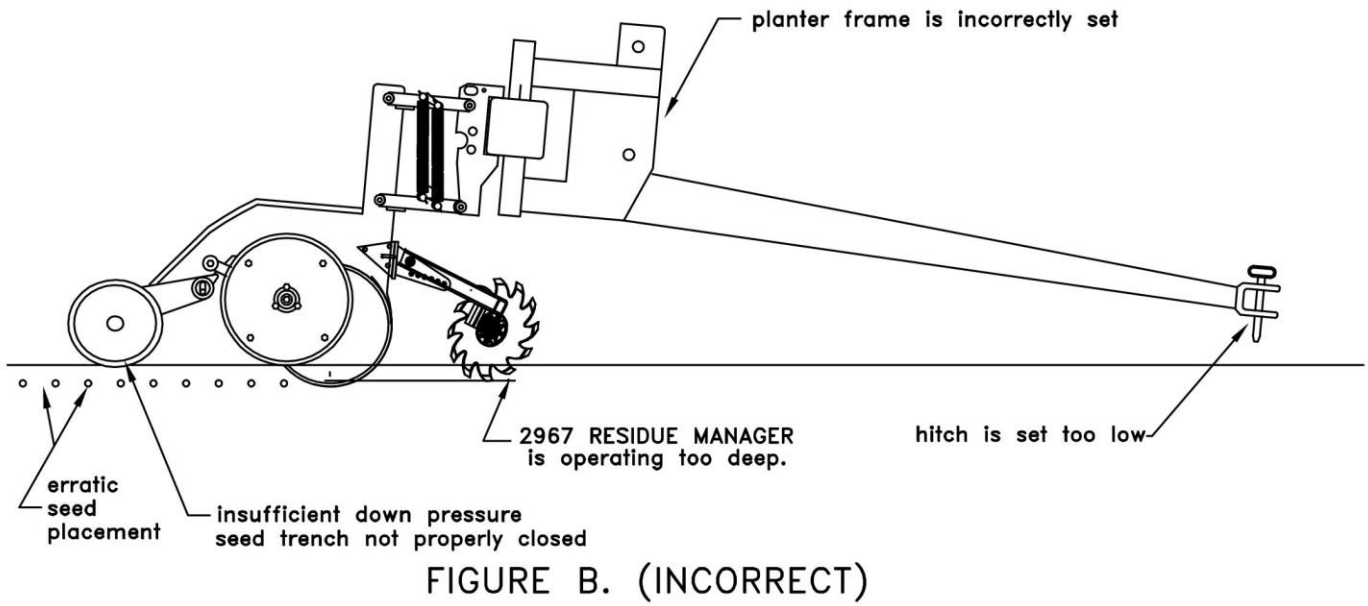
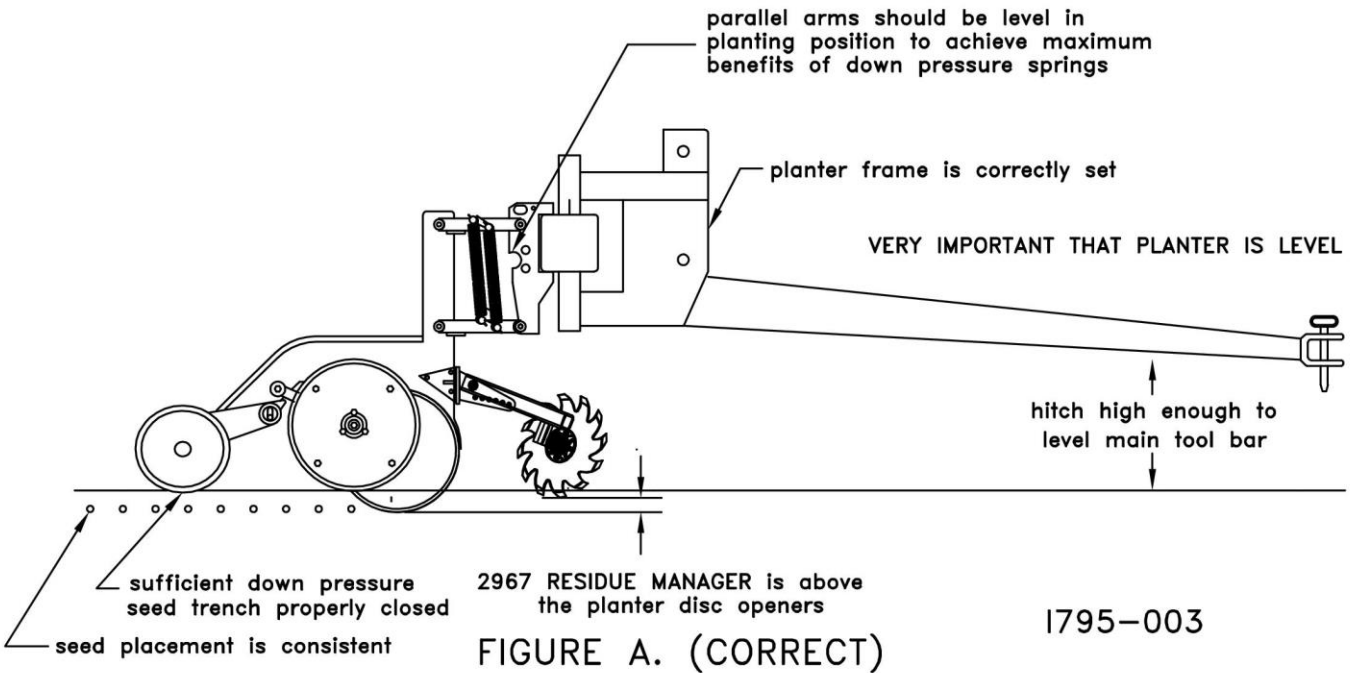
With the planter lowered to proper operating height (**Usually 20"-22"**). **Read the planter operator's manual for recommended setting**. Check to be sure the toolbar and row unit parallel arms are level fore and aft. **Re-check** when the planter is in the **field** and has been **fully loaded** with seed, fertilizer, granular chemicals, etc. Also, a field check with a bubble level on the frame should be made of the hitch height to ensure level operation front to back.

It is important for the planter to operate level laterally. Tire pressure must be maintained at pressures specified by the manufacturer.

Field and actual planting conditions change and will dictate planter frame heights. You must ensure that the row unit parallel arms are approximately parallel with the ground.

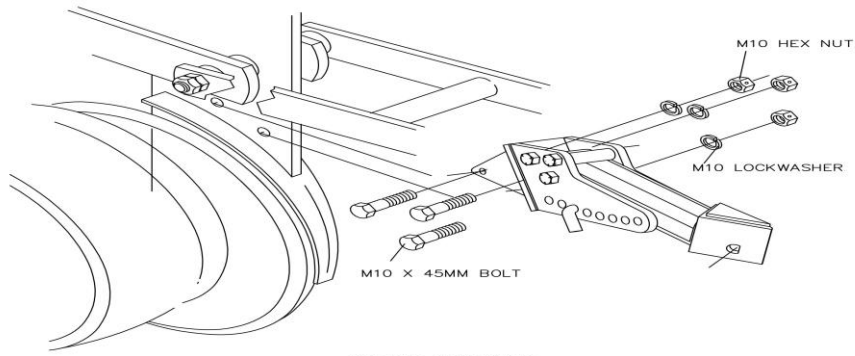
**IMPORTANT:** For proper operation of the planter attachments and row units, it is imperative that the planter toolbars and row unit parallel arms be level side-to-side and front-to-rear. The toolbar frame should operate at a 20"-22" height from the **planting surface**. Check the manufacturer's operator's manual for instructions on how to adjust the frame height and levelness.

# PLANTER ADJUSTMENT



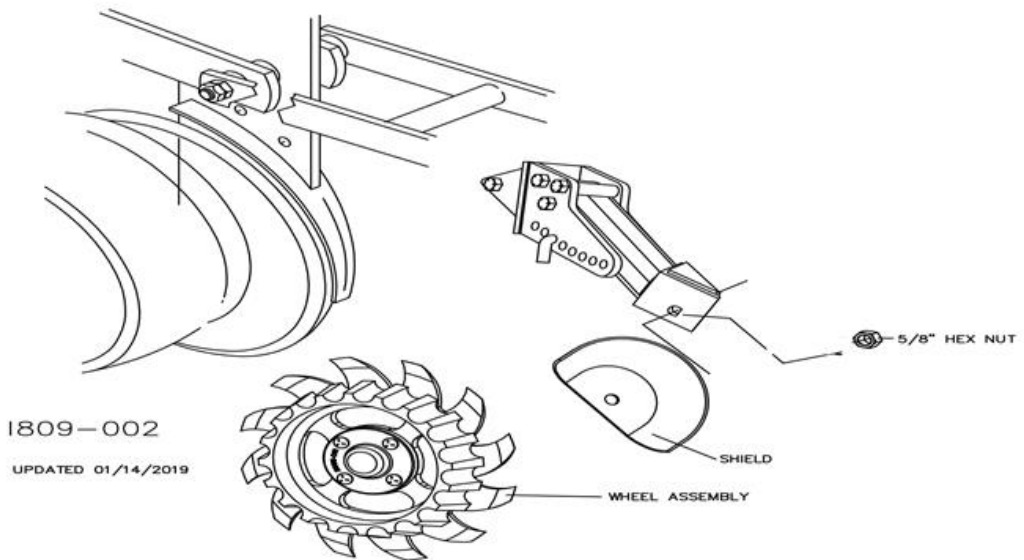
# INSTALLATION INSTRUCTIONS

**STEP 1.** Attach the Residue Manager Arm Assembly to the planter unit using 3) M10 x 45MM bolts, nuts, and lockwashers.



1809-001

**STEP 2.** Attach the R.M. wheel/hub assembly to the arm using 5/8" hex nut. Adjust the bearing shield to top dead center, rotated slightly forward. Torque to 180 ft. lbs.





## MAINTENANCE

### Lubrication



**CAUTION:** To help prevent serious injury or death to you or others caused by unexpected movement, service machine on a level surface. Lower machine to ground or sufficiently lock or block raised machine before servicing. If machine is connected to tractor, engage parking brake and place transmission in "PARK", shut off engine and remove key. If machine is detached from tractor, block wheels and use shop stands to prevent movement.



**CAUTION:** Do not clean, lubricate, or adjust machine while in motion.

Use grease based on NLGI consistency numbers and the expected air temperature range during the service interval.

Use a **multi-purpose polyurea, water resistant, moderate speed, and NLGI grade #2** grease.

Other greases may be used if they meet the following **NLGI Performance Classification:**

**GC-LB**

**IMPORTANT: Some types of grease thickener are not compatible with others. Consult your grease supplier before mixing different types of grease.**

#### **Alternative Lubricants**

Conditions in certain geographical areas may require special lubricants and lubrication practices which do not appear in the operator's manual. If there are any questions, consult Yetter Manufacturing Co. to obtain latest information and recommendation.

### **Storing Lubricants**

Your machine can operate at top efficiency only if clean lubricants are used.

Use clean containers to handle all lubricants.

Store them in an area protected from dust, moisture and other contaminants.

# MAINTENANCE

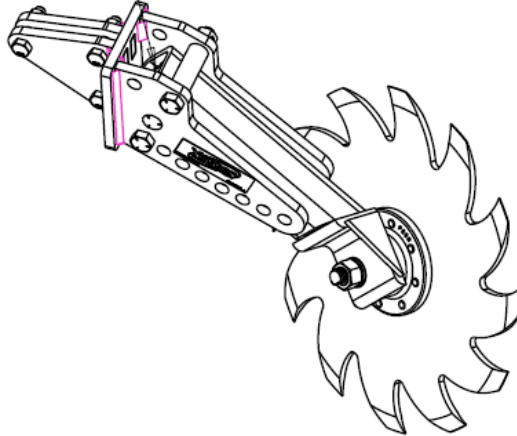
## Lubrication Symbols



Lubricate with polyurea grease at hourly interval indicated on symbol.

## Lubrication Intervals

GREASE ZERK IN END OF ARM  
GREASE EVERY 50 HOURS



**IMPORTANT: The recommended service intervals are based on normal conditions; severe or unusual conditions may require more frequent lubrication.**

Perform each lubrication and service procedure at the beginning and end of each season.

Clean grease fittings before using grease gun, to avoid injecting dirt and grit into the bearing. Replace any lost or broken fittings immediately. If a fitting fails to take grease, remove and clean thoroughly, replace fitting if necessary. Also check for failure of adjoining parts.

### Storing the Equipment

Store the machine in an area away from human activity

Store machine in RAISED position.

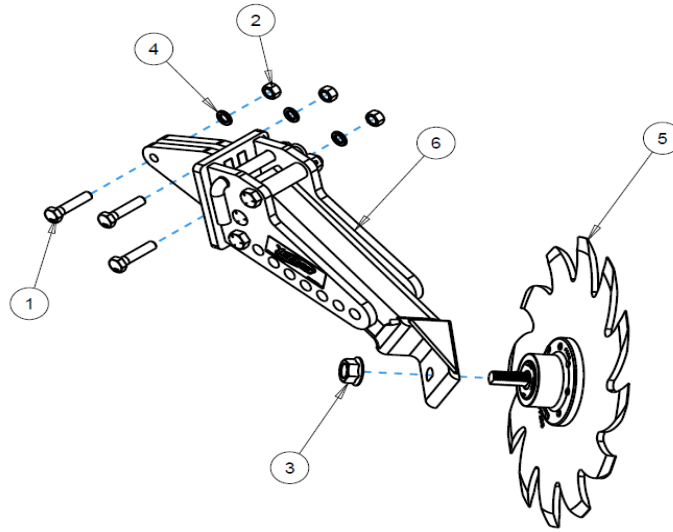
Install service locks on all wheel cylinders.

At the end of the season, the machine should be thoroughly inspected and prepared for storage. Repair or replace any worn or damaged components to prevent down time at the start of the next season. Store machine under cover with all parts in operating condition.

- Clean machine thoroughly to remove all dirt, debris and crop residue, which would hold moisture and cause rusting.
- Inspect machine for worn or broken parts. See your Yetter Farm Equipment dealer during the off-season so that parts or service can be acquired when machine is not needed in the field.
- Lubricate bearings as outlined in the Lubrication section
- Paint all parts which are chipped or worn and require repainting.
- Store machine in a clean, dry place with the planting unit out of the sun.
- If the machine cannot be stored inside, cover with a waterproof tarpaulin and tie securely in place.
- Do not allow children to play on or around the machine
-

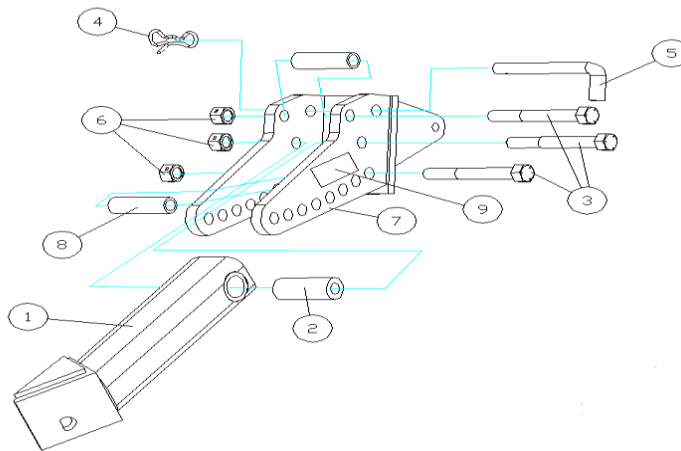
# PARTS IDENTIFICATION

## 2967-003A-L-ST



ITEM	PART NO	DESCRIPTION	QTY
1	2502-253	M10 X 1.5 X 45 HHCS GRADE 8.8	3
2	2520-254	M10 X 1.5 HEX NUT GRADE 8.8	3
3	2520-465	5/8-11 FLANGE NUT GRADE 8	1
4	2525-253	M10 LOCK WASHER	3
5	2966-141-ST	LEFT HAND SHARK TOOTH WHEEL ASSEMBLY	1
6	2966-193	FLOATING ARM ASSEMBLY LEFT HAND	1

## 2967-193 ARM ASSEMBLY LEFT HAND

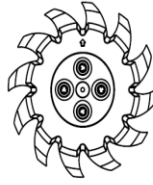
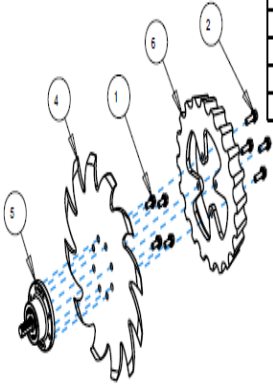


DET	QTY	PART NO.	DESCRIPTION
1	1	2966-267	FLOATING SNGL WHL ARM W.A., L.H.
2	1	2967-768	PIVOT BUSHING
3	3	2502-316	1/2-13 X 3-1/2 HHCS GR 5 ZP
4	1	2570-448	.120 BOWTIE LOCKING COTTER ZYD
5	1	2967-807	ATTACHMENT PIN, 90 DEG., ZYD
6	3	2520-357	1/2-13 LOCK HEX NUT ZP
7	1	2966-269	MONOSEM SINGLE ARM RM W.A.
8	2	2984-349	SUPPORT BUSHING
9	2	2565-179	YETTER DECAL, 1 X 3

# PARTS IDENTIFICATION

## 2966-140-ST-FW

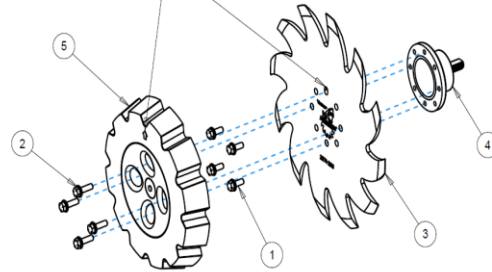
ITEM	PART NO.	DESCRIPTION	QTY
1	2502-220	5/16-18 X 3/4 HHFS GR5 ZP	4
2	2502-221	5/16-18 X 1 HHFS GR5 ZP	4
3	2515-562	13" WHEEL COVER, BLACK	2
4	2571-288	SHARKTOOTH WHEEL, 8 BOLT	1
5	2965-500	HUB ASSEMBLY, 1.406 SPINDLE	1
6	2967-560	FLOATER WHEEL	1



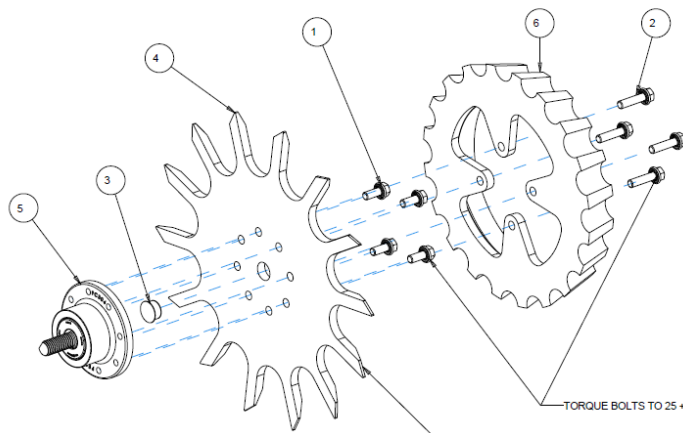
## 2966-140-ST-PFW

ITEM	PART NO.	DESCRIPTION	QTY
1	2502-220	5/16-18 X 3/4 HHFS GR5 ZP	4
2	2502-221	5/16-18 X 1 HHFS GR5 ZP	4
3	2571-288	SHARKTOOTH WHEEL, 8 BOLT	1
4	2965-500	HUB ASSEMBLY, 1.406 SPINDLE	1
5	2967-957	SHARKTOOTH TIMED FLOATER WHEEL	1

LINE UP ARROW ON FLOATER WITH SLOT ON WHEEL TO INSURE PROPER TIMING OF NOTCHES.



## 2966-140-BW-FW

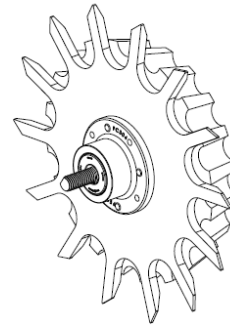


TORQUE BOLTS TO 25 +/-5 FT. LBS.

SCALE 0.500

ORIENTATION OF WHEEL DETERMINES RH ASSEMBLY

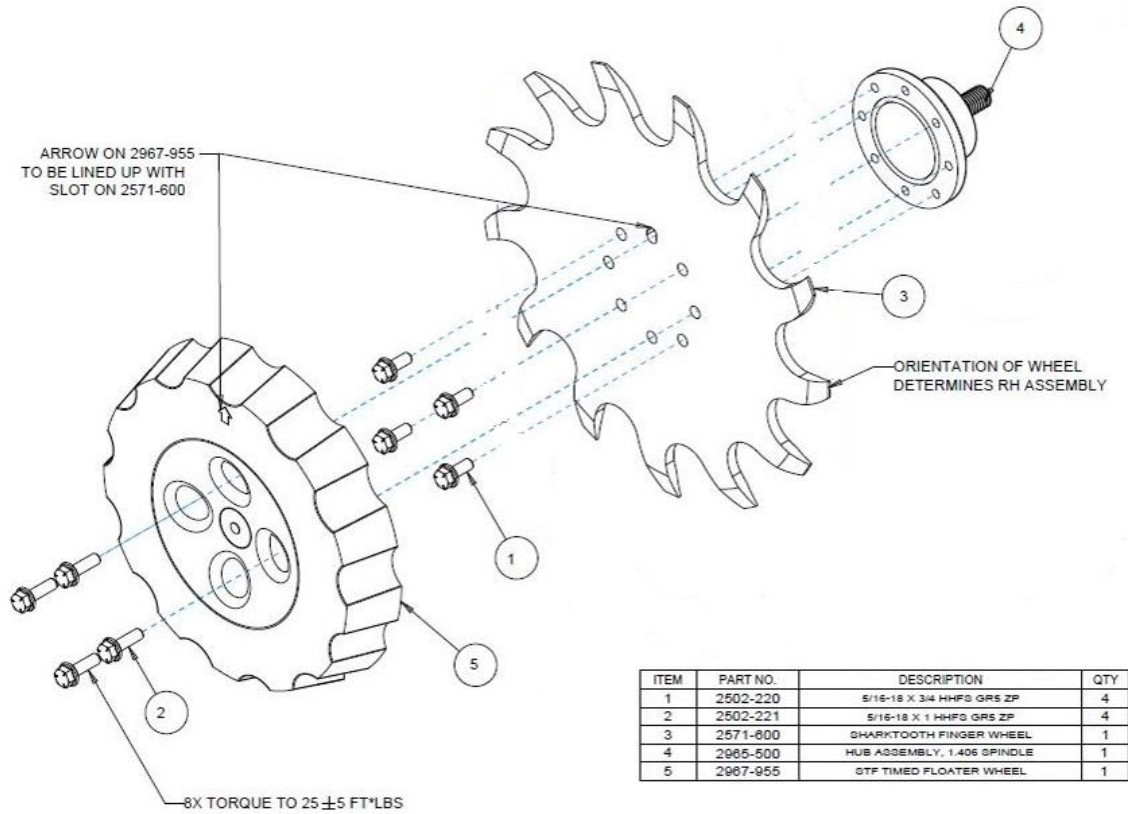
NOTE: BEVELS AWAY FROM HUB SIDE



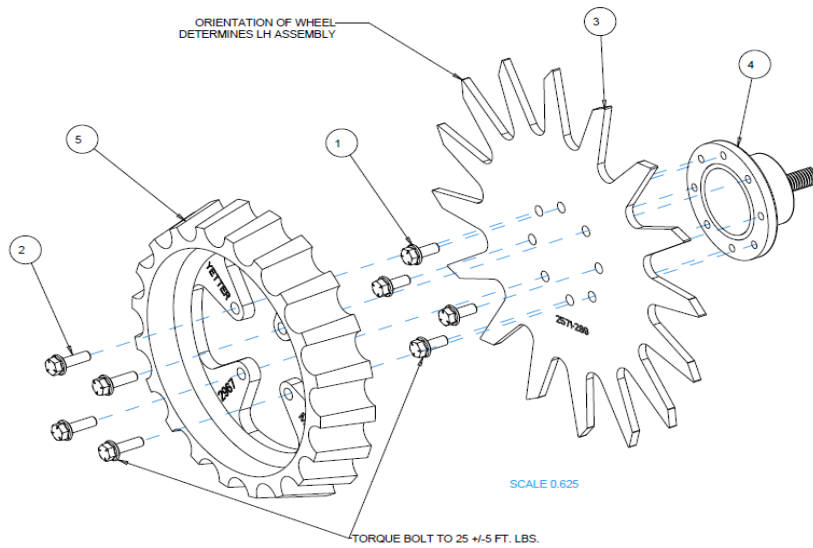
ITEM	PART NO.	DESCRIPTION	QTY
1	2502-220	5/16-18 X 3/4 HHFS GR5 ZP	4
2	2502-222	5/16-18 X 1-1/4 HHFS GR5 ZP	4
3	2570-994	BEVEL WHEEL CENTER HOLE PLUG	1
4	2571-287-R	13" BEVEL WHEEL, 8 BOLT, RH	1
5	2965-500	HUB ASSEMBLY, 1.406 SPINDLE	1
6	2967-560	FLOATER WHEEL	1

# PARTS IDENTIFICATION

## 2966-140-STF-FW RIGHT HAND SHARKTOOTH FINGER WHEEL ASSEMBLY



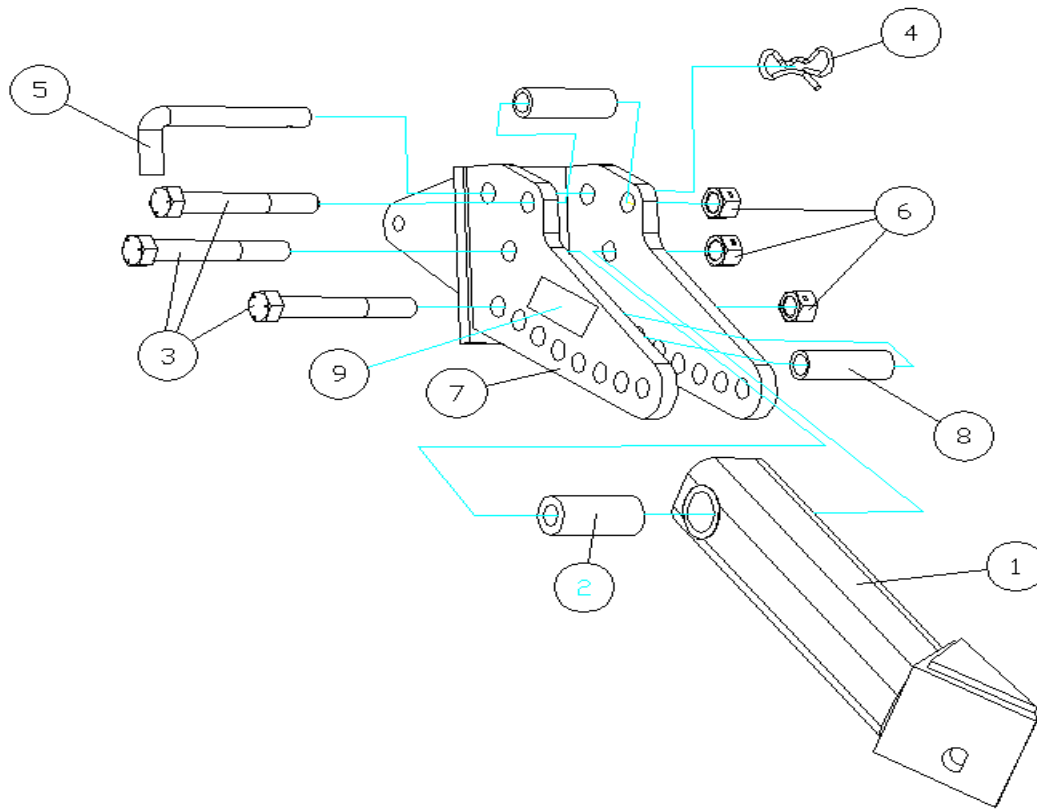
## 2966-141-FW



ITEM	PART NO.	DESCRIPTION	QTY
1	2502-220	5/16-18 X 3/4 HHFS GR5 ZP	4
2	2502-221	5/16-18 X 1 HHFS GR5 ZP	4
3	2571-289	13" TAPER TOOTH SPOKE WHEEL, 8 BOLT	1
4	2965-500	HUB ASSEMBLY, 1.406 SPINDLE	1
5	2967-560	FLOATER WHEEL	1

# PARTS IDENTIFICATION

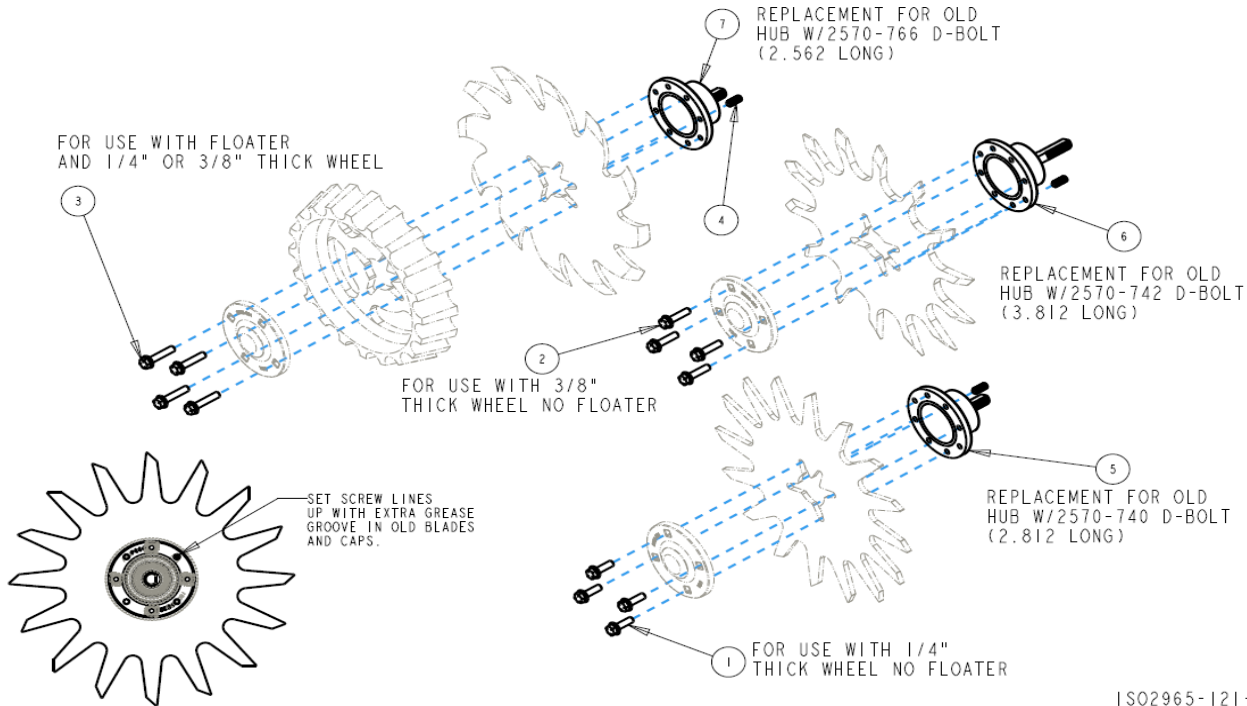
## 2967-192 ARM ASSEMBLY RIGHT HAND



DET	QTY	PART NO.	DESCRIPTION
1	1	2966-268	FLOATING SNGL WHL ARM W.A., R.H.
2	1	2967-768	PIVOT BUSHING
3	3	2502-316	1/2-13 X 3-1/2 HHCS GR 5 ZP
4	1	2570-448	.120 BOWTIE LOCKING COTTER ZYD
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7	1	2966-269	MONOSEM SINGLE ARM RM W.A.
8	2	2984-349	SUPPORT BUSHING
9	2	2565-179	YETTER DECAL, 1 X 3

## FIELD SERVICE KITS

- 2965-119 - SERVICE KIT FOR 2570-740-2.812 D-BOLT  
 2965-120 - SERVICE KIT FOR 2570-742-3.812 D-BOLT  
 2965-121 - SERVICE KIT FOR 2570-766-2.562 D-BOLT



ISO2965-121-2

ITEM	PART NO	DESCRIPTION	QTY
1	2502-221	5/16-18 X 1 HHFS GRADE 5	4
2	2502-222	5/16-18 X 1-1/4 HHFS GRADE 5	4
3	2502-225	5/16-18 X 1-1/2 HHFS GRADE 5	4
4	2940-560	SET SCREW	1
5	2965-500	HUB ASSEMBLY 1.406 SPINDLE	1
6	2965-501	HUB ASSEMBLY 2.406 SPINDLE	1
7	2965-502	HUB ASSEMBLY 1.157 SPINDLE	1



ITEM	PART NO	DESCRIPTION	QTY
1	2505-207	5/16-18 X 1-1/4 CARRIAGE HEAD BOLT GRADE 5	4
2	2520-206	5/16-18 FLANGE LOCK NUT	4
3	2570-740	D-BOLT FLANGE HEAD 5/8-11 X 2.812 GRADE 8	1
4	2965-128	HUB/BEARING ASSEMBLY	1
	2550-069	SEAL	1
	2570-594	BEARING	1
	2570-715	INSERT	1
	2965-351	HUB	1
	2533-110	GREASE FITTING	1
5	2965-352	HUB CAP	1
6	2967-602	SHARK TOOTH WHEEL	1
7	2520-465	5/8-11 FLANGE LOCK NUT GRADE 8	1



A Tradition of Solutions since 1930

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