



## **TITAN™ SERIES**

### **2967-013B /2967-014B NARROW ROW SHORT U.N.T.™ RESIDUE MANAGER**

**OPERATOR'S MANUAL  
PART IDENTIFICATION**  
2565-748\_REV\_J 07/2021



**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 two goals: increase your productivity and increase your efficiency so that you may generate more profit.



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 danger will occur to the machine due to improper technique or operation.

It is the responsibility of the user to read the owner's manual, comply with safe and correct operating procedure, and to lubricate and maintain the product according to the information listed in this owner's manual.

The user is responsible for inspecting their machine and for having parts repaired or replaced when it is damaged or worn. Continued use of a damaged or worn part can cause injury or more extensive damage to the machine.

If you have any questions regarding the information given in this manual, consult your local Yetter dealer or contact:

Yetter Manufacturing Co.  
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# 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 that appear to be defective after inspection. The warranty does not obligate Yetter Manufacturing to bear the 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 sold prior. 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 and cannot be held responsible for damages to equipment on which they are mounted.**

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## BOLT TORQUE

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

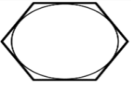


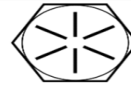
All hardware used on the Titan™ Residue Manager is Grade 5 unless otherwise specified. If hardware must be replaced, be sure to replace it with hardware of equal size, strength, and thread type.

**The chart below is a guide for proper torque. Use it unless a specified torque value is given elsewhere in the manual.**

**Torque is the force you apply to the wrench handle times the length of the handle.**

**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
Units	ft-lbs	ft-lbs	ft-lbs	ft-lbs
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

# **SAFETY INFORMATION**

## **BE ALERT!**

## **YOUR SAFETY IS INVOLVED**

It is the responsibility of the owner, operator, or supervisor to know and instruct everyone using this machine at the time of initial assignment and at least annually thereafter, of the proper operation, precautions, and work hazard which exist in the operation of the machine in accordance with OSHA regulations.

### **SAFETY IS NO ACCIDENT**

**The following safety instructions combines with common sense will save your equipment from needless damage and the operator from unnecessary exposure to personal hazard. Pay special attention to the caution notes in the text. Review this manual each year and with new and experience operators.**



1. Read and understand the operator's manual before operating this machine. Failure to do so is considered a misuse of the equipment.
2. Make sure equipment is secure before use.
3. Always keep children away from equipment while in operation.
4. Make sure everyone that is not directly involved with the operation is clear of the work area before use.
5. Be sure all safety devices, shield, and guards are in place and functional before beginning operation
6. Shut off all power to the unit prior to adjustment, servicing, or cleaning.
7. Keep hands, feet, and clothing away from moving parts. It is a good idea to remove all jewelry before starting the operation.
8. Visually inspect the machine periodically during operation for signs of excessive vibration, loose fasteners, and unusual noises.



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

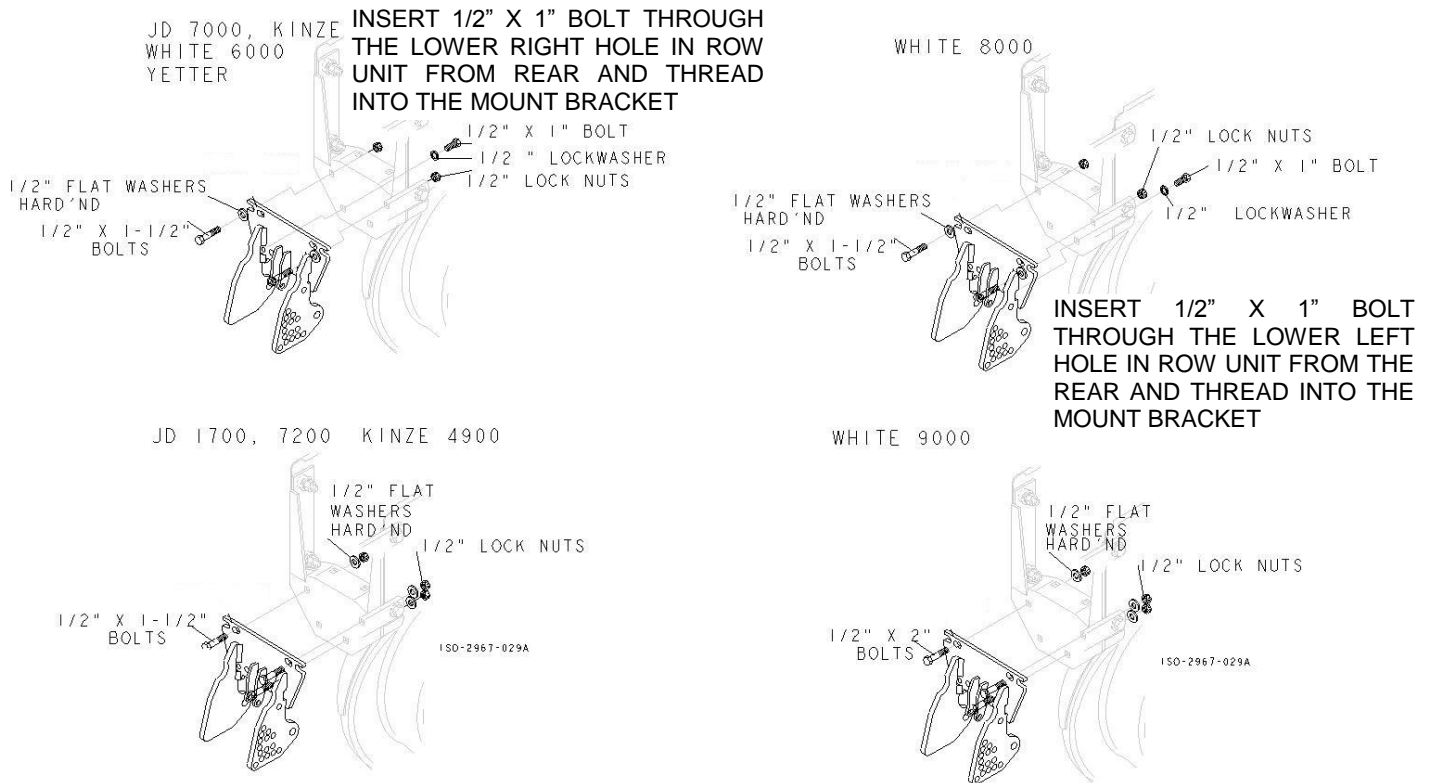


**CAUTION:** The Titan™ Residue Manager attachments are very heavy. Pay extra attention to lifting techniques while handling and/or maneuvering the opener during assembly. Failure to do so may lead to personal injury.

# INSTALLATION INSTRUCTIONS

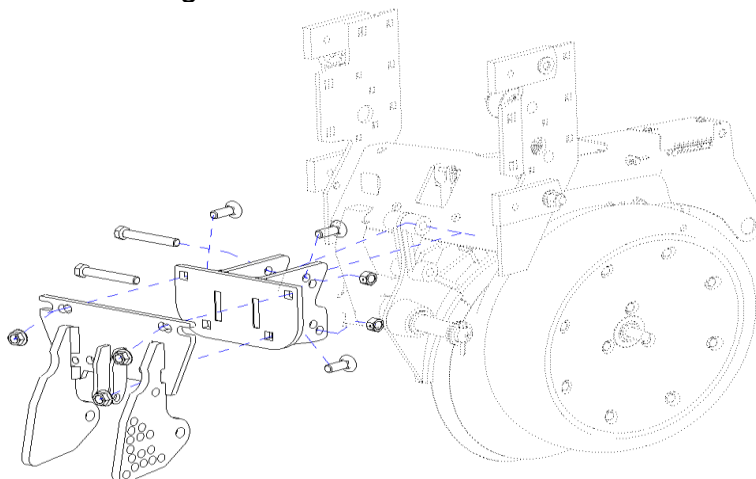
## 2967-013A

**STEP 1.** Attach the Residue Manager Assembly to the planter unit using 3) 1/2" bolts and lock nuts.



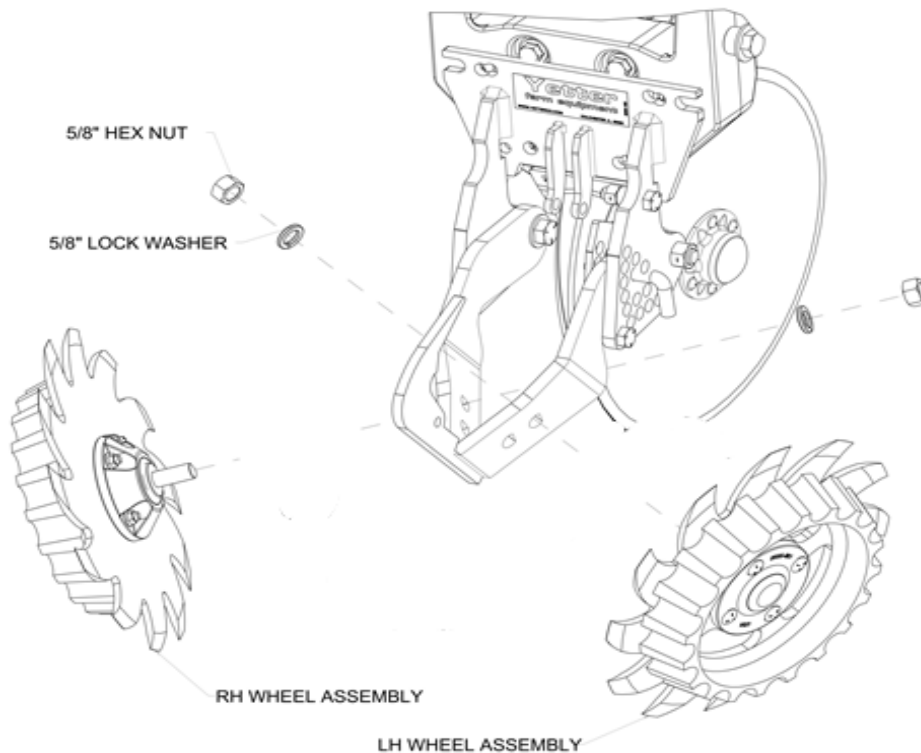
## 2967-014A

**STEP 1A.** Attach the 2966-293 adapter to the CIH row unit using the 1/2" x 3-1/2" bolts and lock nuts then install the Residue Manager Assembly to the adapter using the 1/2" x 1-1/2" carriage bolts and flanged lock nuts.



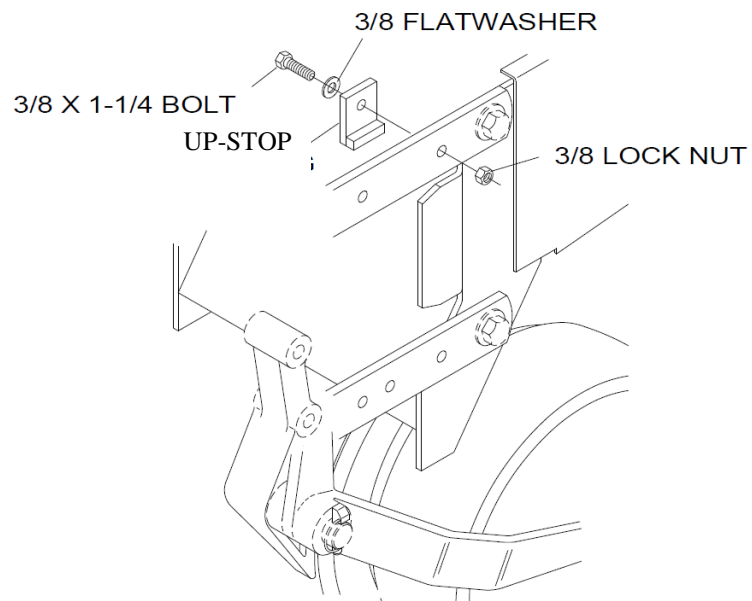
# INSTALLATION INSTRUCTIONS

**STEP 2.** Choose the hole in which to attach the R.M. wheel assemblies. Attach the R.M. wheel/hub assemblies to the combo arm using 5/8" lock washers and hex nuts. Torque to 150 ft. lbs.



## Step 3: ONLY FOR 2967-014B MOUNTING ON CNH RU

Attach the up-stop to the planter row unit parallel arms using the provided hardware.



1727-4A

# OPERATION



**CAUTION:** Where rocks are present the residue manager should be set in the “float” position, not locked down.

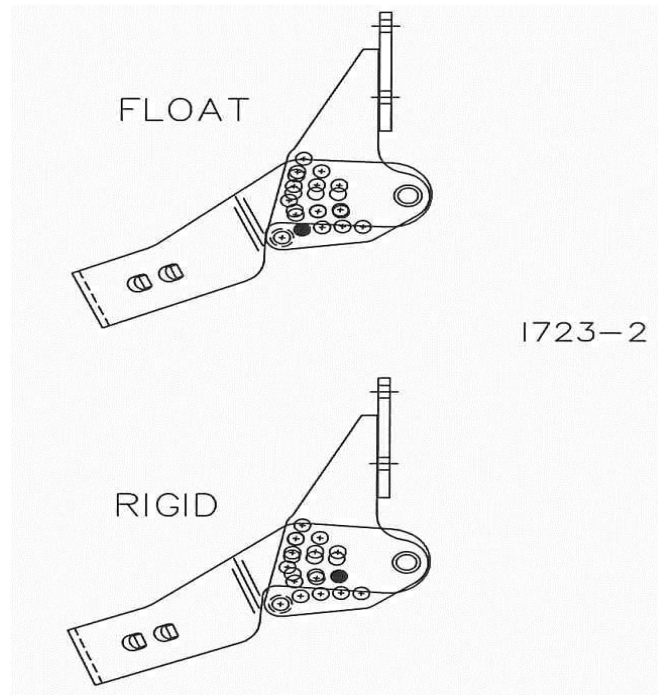
Adjust the residue manager to move crop residue aside and not move any soil. Adjustments to the residue manager may have to be made when changing field conditions and type and amount of residue. Use the handle for leverage when changing depth settings.

## “FLOAT SETTINGS”

Install the adjustment pin below the combo arm.

To raise the wheels, lift the 2966-201 and move the adjustment pin up.

To lower the wheels, move the adjustment pin down.



## “RIGID SETTING”

Install the adjustment pin through the combo arm.

To raise the wheels, lift the 2966-201 combo arm to the desired position and insert the pin.

To lower the wheels, lower the combo arm to the desired position and insert the pin.

## 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 toolbar 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

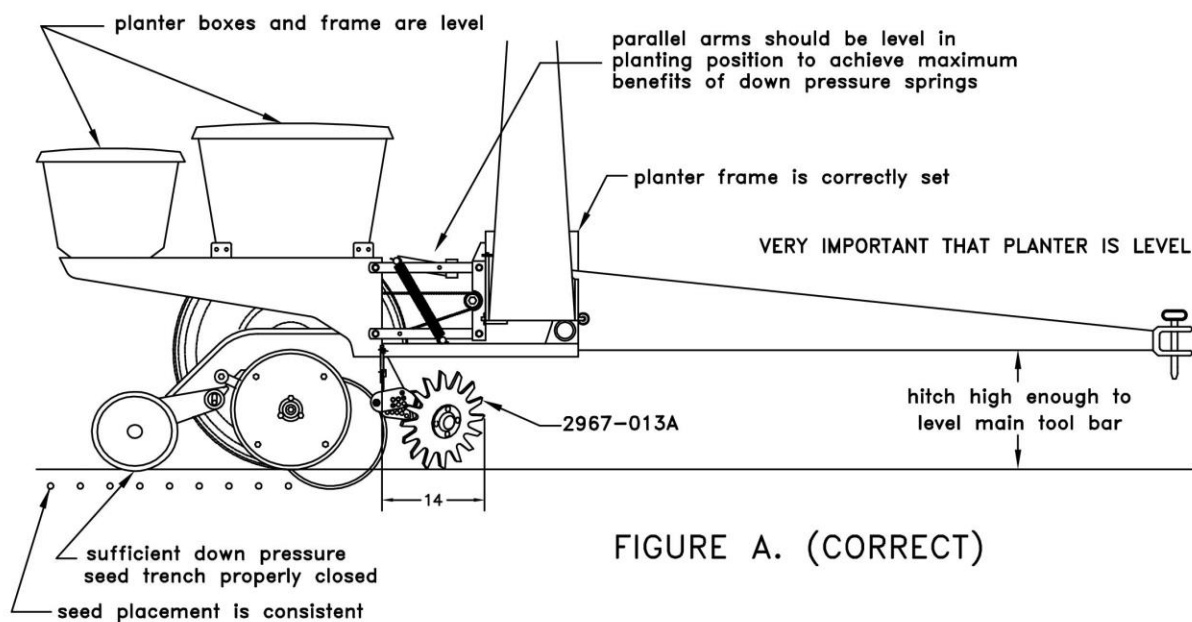


FIGURE A. (CORRECT)

1723-3

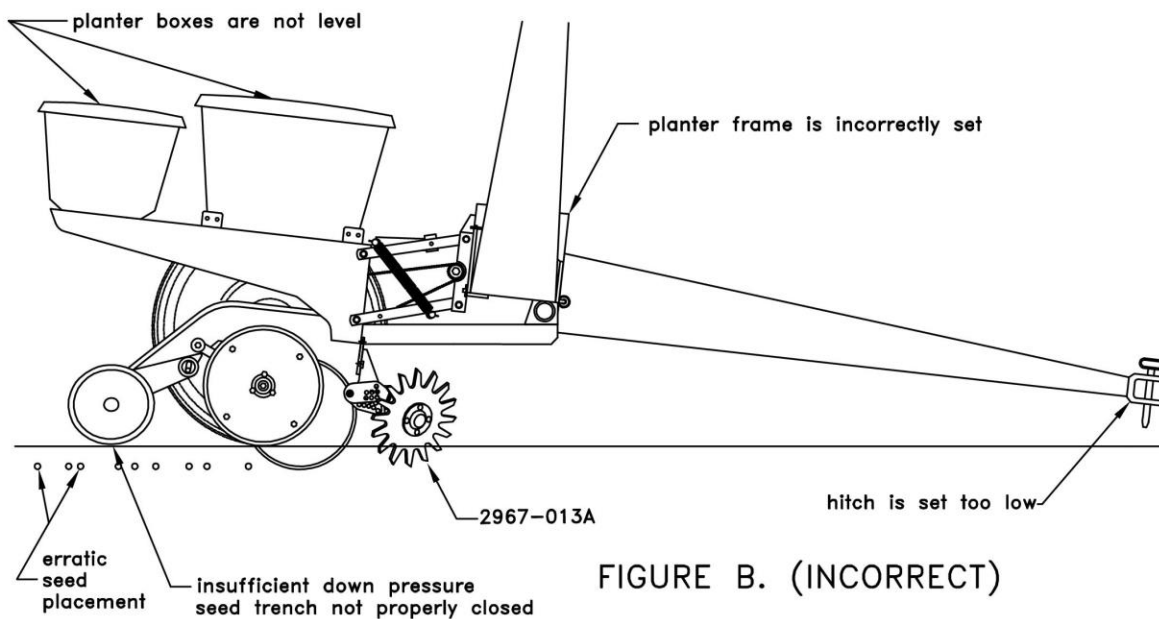
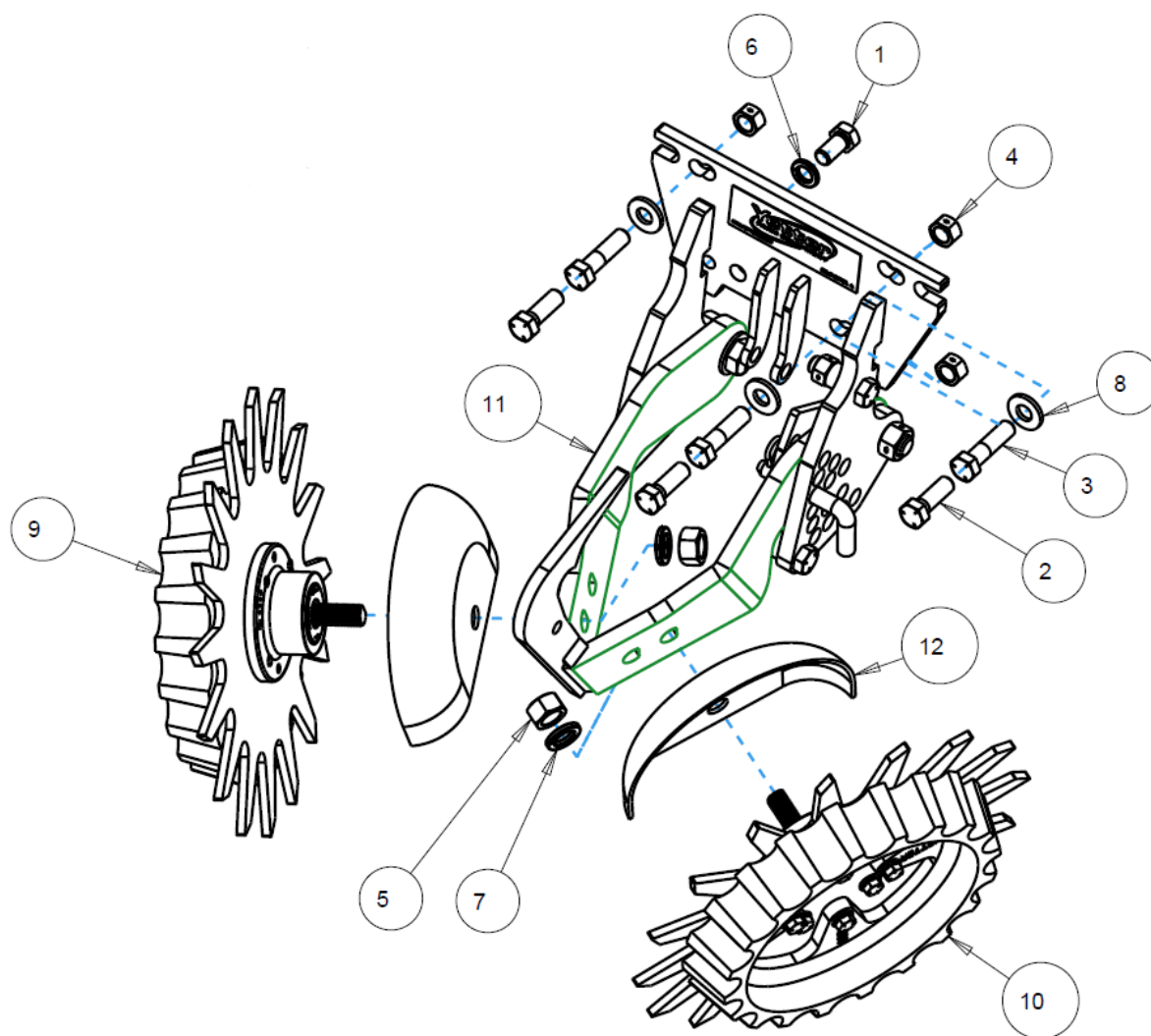


FIGURE B. (INCORRECT)

# PART IDENTIFICATION

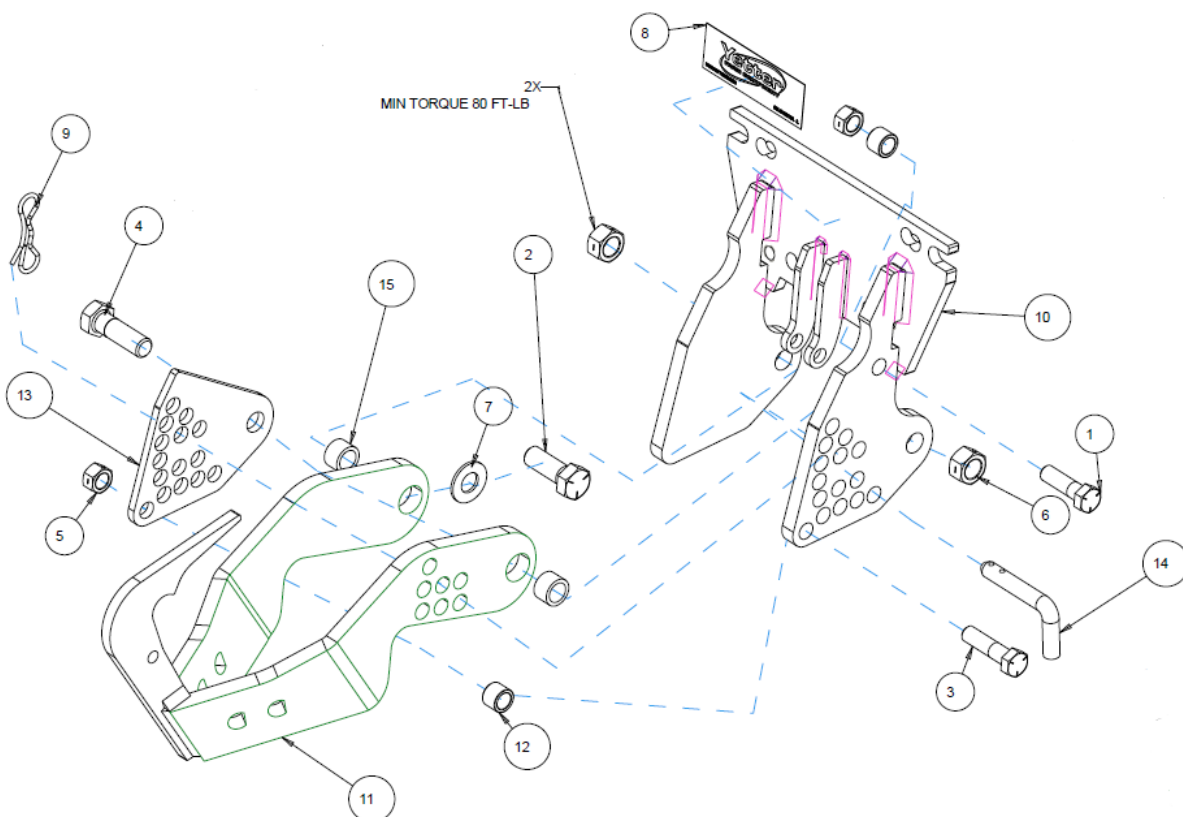
## 2967-013B



ITEM	PART NO.	DESCRIPTION	QTY
1	2502-292	1/2-13 X 1 HHCS GR. 5 ZP	1
2	2502-294	1/2-13 X 1-1/2 HHCS GR5 ZP	3
3	2502-351	1/2-13 X 2 HHCS GR.5 ZP	3
4	2520-357	1/2-13 LOCK HEX NUT, GR A, ZP	3
5	2520-452	5/8-11 HEX NUT GR 8 ZP	2
6	2525-352	1/2 MED LOCKWASHER ZP.	1
7	2525-451	5/8 MED. LOCKWASHER ZP.	2
8	2526-355	1/2 FLAT WASHER HARD'ND ZP	3
9	2966-140-FW	SPOKE WHL ASSY,RH,3"D-BOLT FW	1
10	2966-141-FW	SPOKE WHL ASSY,LH 3"D-BOLT FW	1
11	2967-013A-SUBASSY	SHORT ARM RM SUB ASS'Y	1
12	2967-392	SHIELD, RM-PAINTED	2

# PART IDENTIFICATION

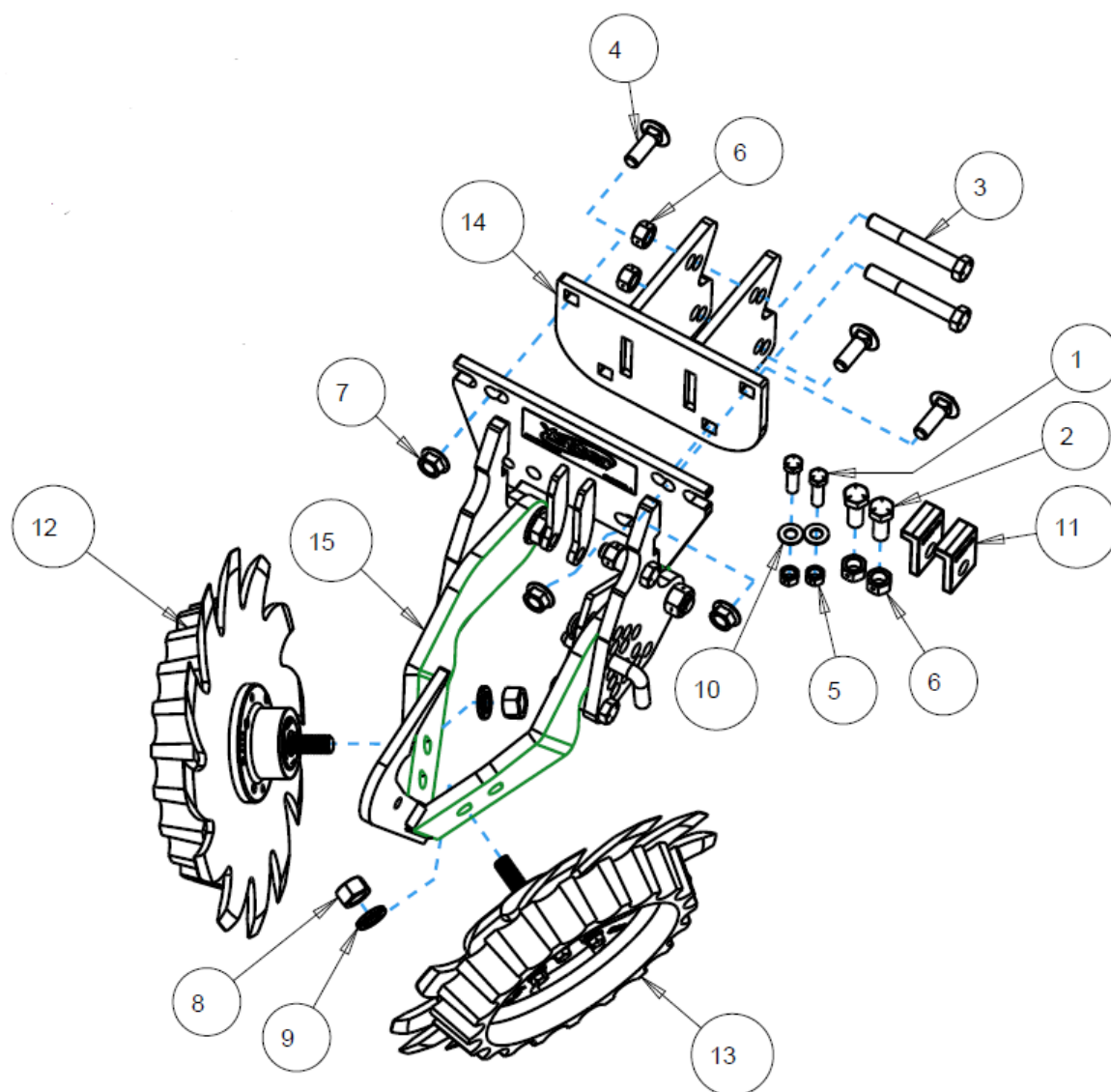
## 2967-013A-SUB ASSEMBLY



ITEM	PART NO.	DESCRIPTION	QTY
1	2502-317	1/2-13 X 1-3/4 HHCS GR5 ZP	1
2	2502-331	5/8-11 X 1-3/4 HHCS GR5 ZP	1
3	2502-351	1/2-13 X 2 HHCS GR.5 ZP	1
4	2502-391	5/8-11 X 2 HHCS GR 5 ZP	1
5	2520-357	1/2-13 LOCK HEX NUT, GR A, ZP	2
6	2520-459	5/8-11 LOCK HEX NUT, GR B, ZP	2
7	2526-453	5/8 SAE FLATWASHER ZP	1
8	2565-162	YETTER DECAL	1
9	2570-448	.120 BOWTIE LOCKING COTTER ZP	1
10	2966-290	MOUNT, W, SHORT TITAN	1
11	2966-291	ARM, W, NARROW TITAN	1
12	2967-622	9/16" SPACER ZP	2
13	2967-639	SECONDARY ADJUSTMENT PLATE	1
14	2984-326	R.M. UPSTOP PIN ZP	1
15	6000-335	9/16" BUSHING	2

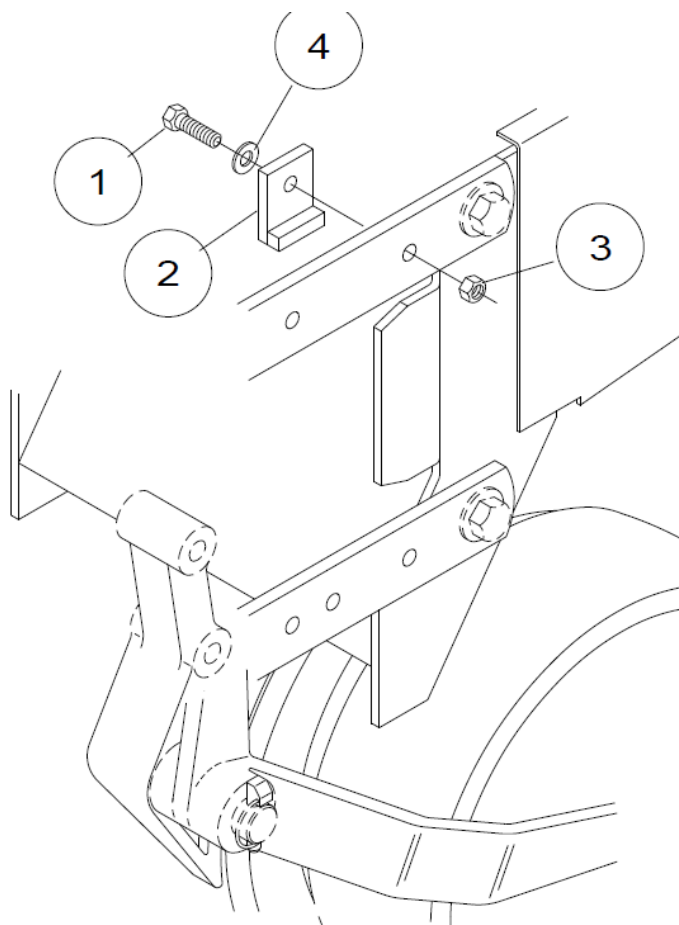
# PART IDENTIFICATION

## 2967-014B



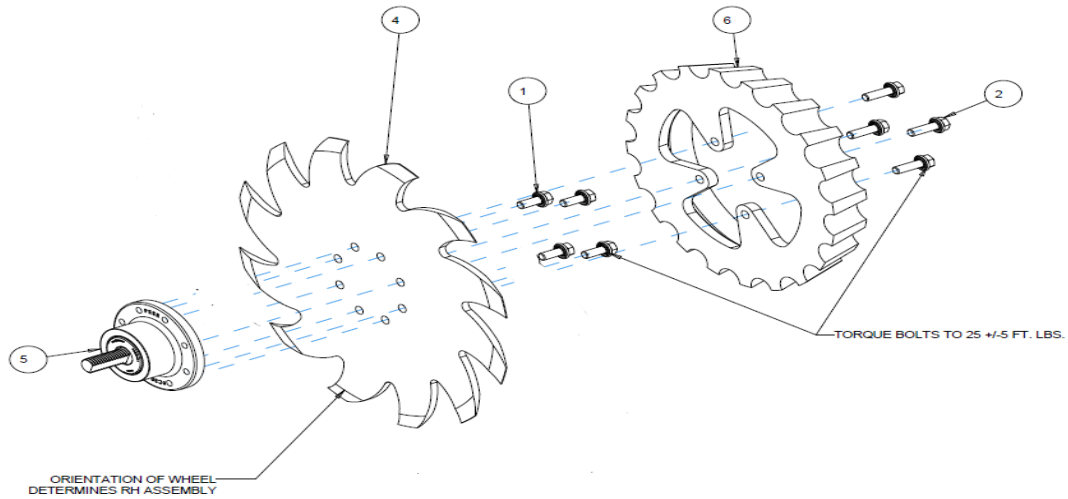
ITEM	PART NO.	DESCRIPTION	QTY
1	2502-244	3/8-16 X 1-1/4 HHCS GR 5 ZP	2
2	2502-293	1/2-13 X 1-1/4 HHCS GR5 ZP	2
3	2502-316	1/2-13 X 3-1/2 HHCS GR5 ZP	2
4	2505-339	1/2-13 X 1-1/2 CARBLT G5ZP	3
5	2520-255	3/8-16 LOCK HEX NUT, GR A, ZP	2
6	2520-357	1/2-13 LOCK HEX NUT, GR A, ZP	4
7	2520-361	1/2-13 FLANGE WHZLCK HXNT, GR 5, ZP	3
8	2520-452	5/8-11 HEX NUT GR 8 ZP	2
9	2525-451	5/8 MED. LOCKWASHER ZP.	2
10	2526-253	3/8 SAE FLATWASHER ZP	2
11	2960-411	CYCLO STOP CASTING, LARGE HOLE	2
12	2966-140-ST-FW	SHRKTH ASSY,RH,3"D-BOLT FLT WL	1
13	2966-141-ST-FW	SHRKTH ASSY,LH,3"D-BOLT FLT WL	1
14	2966-293	ADAPTER, W, TILLAGE ATTACHED	1
15	2967-013A-SUBASSY	SHORT ARM RM SUB ASS'Y	1

# PARTS IDENTIFICATION 2965-135 UP-STOP KIT



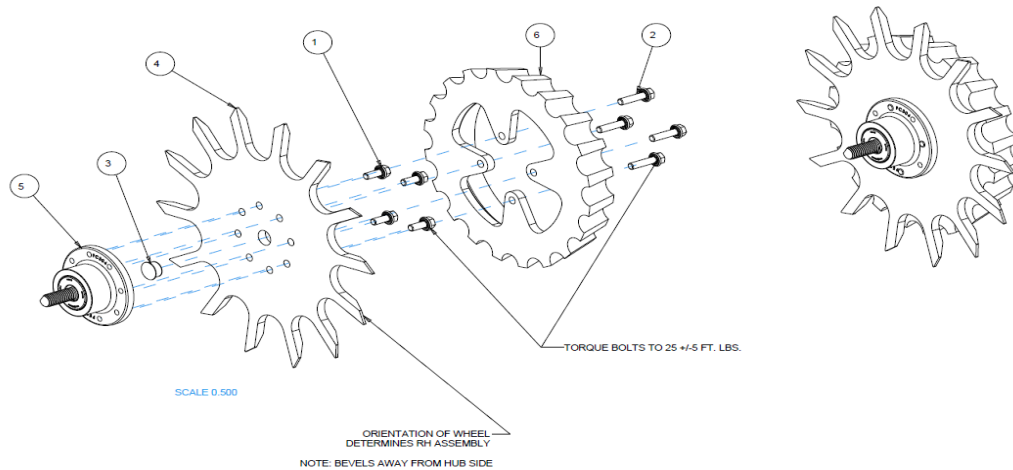
ITEM	PART #	DESCRIPTION	QTY
1	2502-244	3/8-16 x 1-1/4 HHCS GR 5	2
2	2960-223	UP-STOP	2
3	2520-255	3/8-16 HEX LOCK NUT	2
4	2526-253	3/8 SAE FLATWASHER	2

**PARTS IDENTIFICATION**  
**2966-140-ST-FW**  
**RIGHT HAND SHARK TOOTH WHEEL ASSEMBLY**



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	2571-286	SHARKTOOTH WHEEL, 8 BOLT	1
5	2965-500	HUB ASSEMBLY, 1.406 SPINDLE	1
6	2967-560	FLOATER WHEEL	1

**PARTS IDENTIFICATION**  
**2966-140-BW-FW**  
**RIGHT HAND BEVEL WHEEL ASSEMBLY**

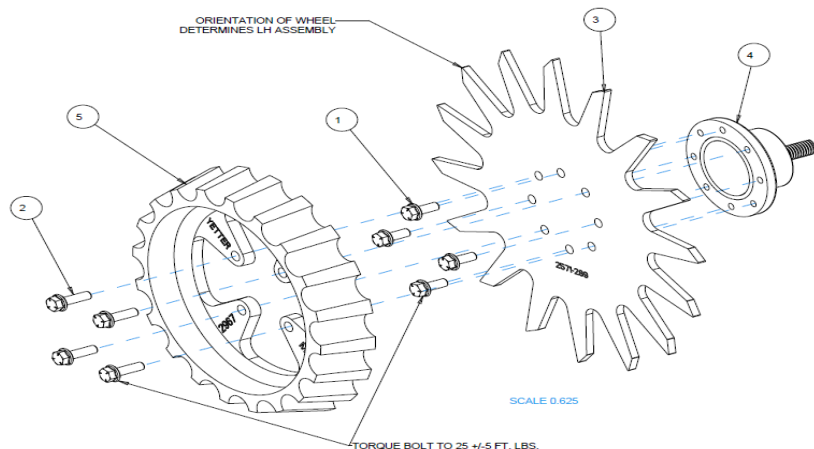


ITEM	PART NO.	DESCRIPTION	QTY
1	2502-220	5/16-18 X 3/4 HHFS GR5 ZP	4
2	2502-222	5/16-18 X 1-1/4 HHFS GR5 ZP	4
3	2570-994	BEVEL WHEEL CENTER HOLE PLUG	1
4	2571-287-R	13" BEVEL WHEEL, 8 BOLT, RH	1
5	2965-500	HUB ASSEMBLY, 1.406 SPINDLE	1
6	2967-560	FLOATER WHEEL	1

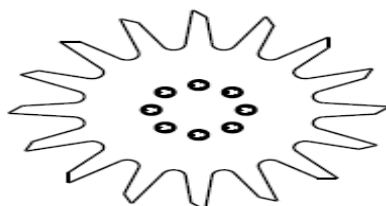
# PARTS IDENTIFICATION

## 2966-141-FW

### LEFT HAND SPOKE WHEEL ASSEMBLY



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



SPOKE WHEEL ASSEMBLY  
RIGHT HAND 2966-140(SHOWN)  
LEFT HAND 2966-141



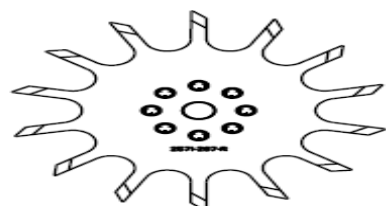
SPOKE WHEEL ASSEMBLY W/FLOATER WHEEL  
RIGHT HAND 2966-140-FW(SHOWN)  
LEFT HAND 2966-141-FW



SHARKTOOTH WHEEL ASSEMBLY  
RIGHT HAND 2966-140-ST(SHOWN)  
LEFT HAND 2966-141-ST



SHARKTOOTH WHEEL ASSEMBLY W/FLOATER WHEEL  
RIGHT HAND 2966-140-ST-FW(SHOWN)  
LEFT HAND 2966-141-ST-FW



BEVEL WHEEL ASSEMBLY  
RIGHT HAND 2966-140-BW(SHOWN)  
LEFT HAND 2966-141-BW



BEVEL WHEEL ASSEMBLY W/FLOATER WHEEL  
RIGHT HAND 2966-140-BW-FW(SHOWN)  
LEFT HAND 2966-141-BW-FW





A Tradition of Solutions since 1930

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