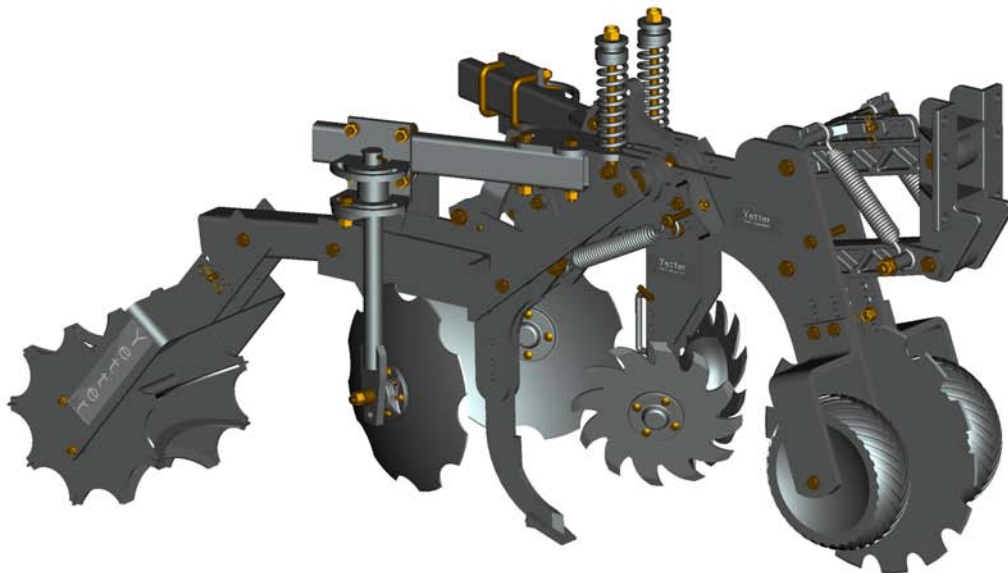




## 2984 Series MAVERICK™ HR PLUS OPERATOR & PARTS MANUAL

2565-762\_REV\_J • 09/2017



**YETTER MANUFACTURING CO.**  
*FOUNDED 1930*

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# YETTER

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# 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

309/776-3222 (FAX)

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

Email: [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.**

# SAFETY

**A brief description of signal words that may be used in this manual:**

**CAUTION:** Used as a general reminder of good safety practices or to direct attention to unsafe practices.

**WARNING:** Denotes a specific potential hazard

**DANGER:** Denotes the most serious specific potential hazard.



## SAFETY PRECAUTIONS

You can make your farm a safer place to live and work if you observe the safety precautions given. Study these precautions carefully and insist that they be followed by those working with you and for you.

Finally, remember this: an accident is usually caused by someone's carelessness, neglect or oversight.



## WARNING

Never clean, lubricate or adjust a machine that is in motion. Always lower or block the implement before performing service.

If machine must be serviced in the raised position, jack or block it up to prevent it from accidentally falling and injuring someone.

Do not allow riders on the tractor or implement.

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

Be sure all personnel are clear of the immediate area before operating.

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

Be familiar with all tractor and implement controls and be prepared to stop engine and implements quickly in an emergency.



## CAUTION

Consult your implement and tractor operator's manual for correct and safe operating practices.

Beware of towed implement width and allow safe clearance.

**FAILURE TO HEED MAY RESULT IN PERSONAL INJURY OR DEATH.**

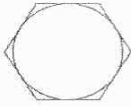
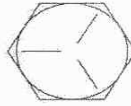

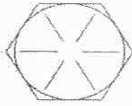
# BOLT TORQUE

Note: Right hand and left hand designations are based on sitting in the tractor and facing forward.

## READ THESE INSTRUCTIONS FIRST:

1. Improperly tightened bolts will result in damage, breakage, expense, and down time.
2. Always replace bolts with the specified grade and type.
3. Torque properly before first use of the machine and every 2-4 hours of use until you are sure bolts are staying tight.
4. The chart below is a guide for proper torque. Use it unless a specified torque is called out elsewhere in the manual.
5. Torque is the force you apply to the wrench handle or the cheater bar, times the length of the handle or bar.
6. Use a torque wrench whenever possible.

The following table shows torque in ft. lbs.

| BOLT DIA.<br>AND<br>THREADS PER<br>INCH |  GRADE 2 |  GRADE 5 | OR<br> 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.

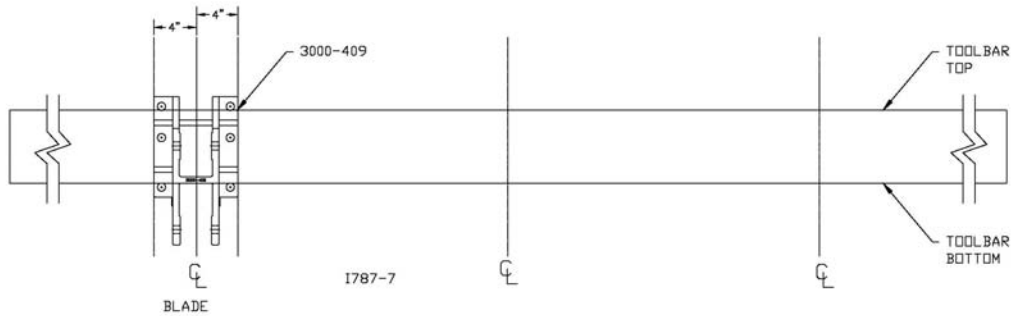


**CAUTION:** The MAVERICK OPENER™ and its attachments are very heavy. Extra attention to lifting techniques while handling and or maneuvering the opener during assembly. Failure to do so may lead to personal injury.

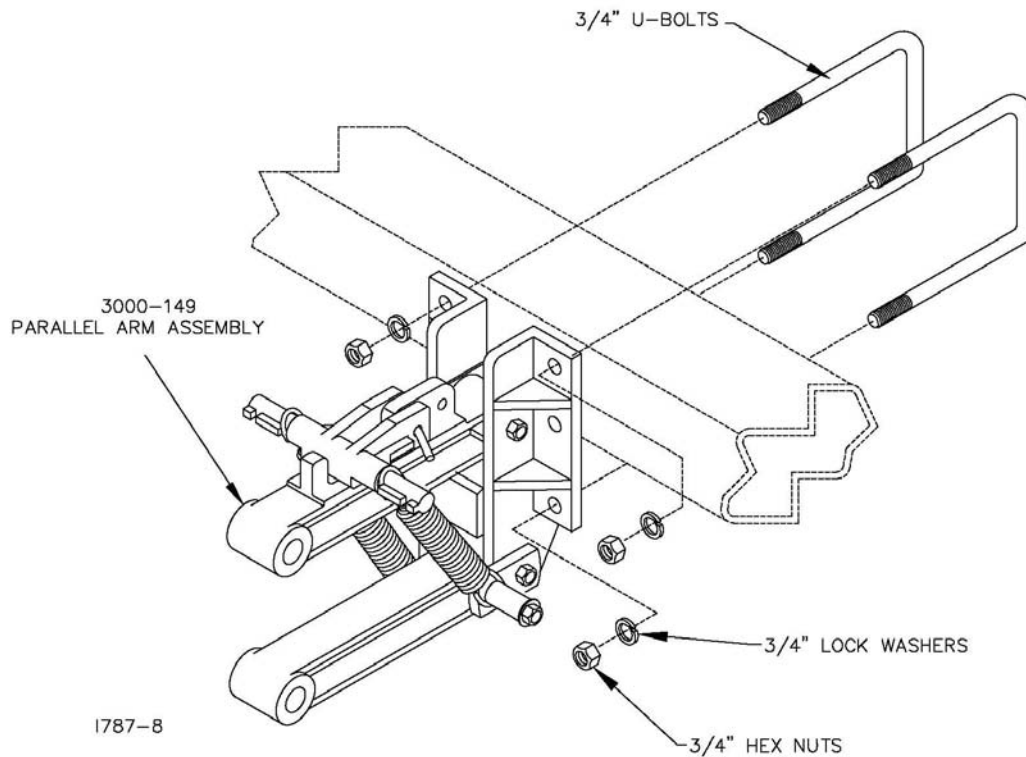
# ASSEMBLY INSTRUCTIONS

## 2984 MAVERICK OPENER™

**STEP 1.** Mark the location of the center of each row on the toolbar. Then measure from row 4" and place a mark on the rear side of toolbar. This mark will give a reference point to where the edge of the clamp bracket (3000-409) should be located so that the fertilizer knife will be centered directly on the row.



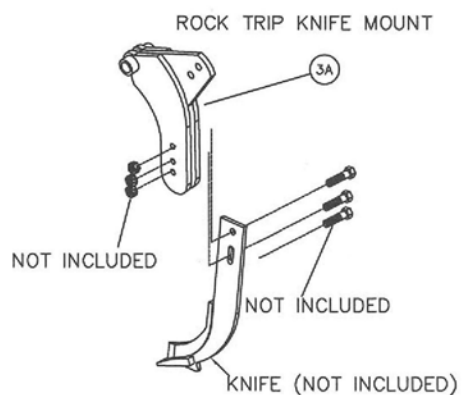
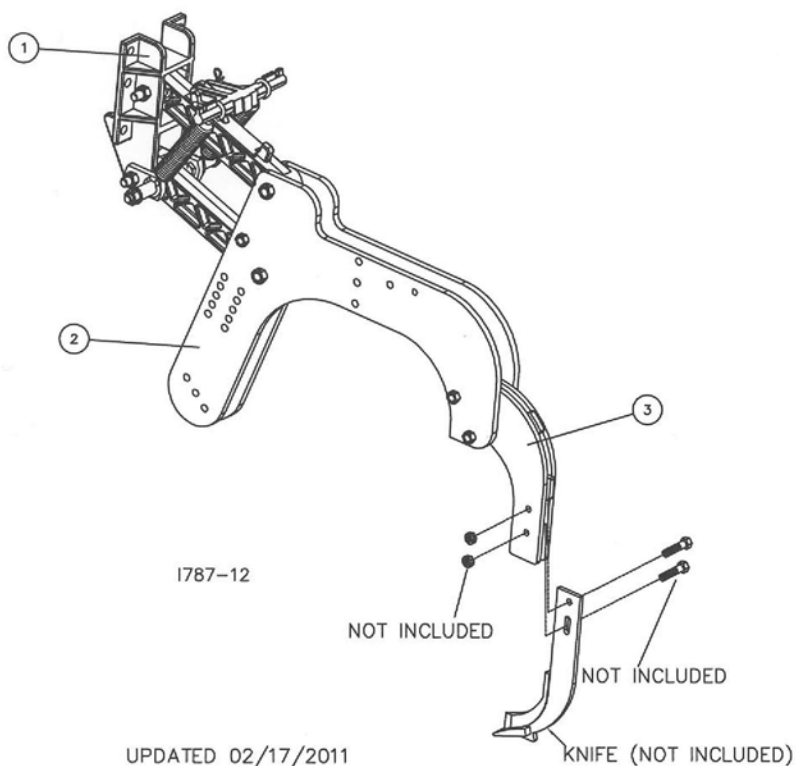
**STEP 2.** Centering on each row, attach the (3000-149) parallel arm assembly to the toolbar with the appropriate 3/4" u-bolts, lock washers and hex nuts. **Recheck the torque after 10 hours of use.**



# ASSEMBLY INSTRUCTIONS

**STEP 3.** Attach the fertilizer knife to the 2984 knife mount using 2) 1/2" x 2" GRADE. 8 bolts and lock nuts. (Rock Trip model use 3) 1/2" x 2" GRADE 8)

| DET | QTY | PART NO. | DESCRIPTION               |
|-----|-----|----------|---------------------------|
| 1   | 1   | 3000-149 | PARALLEL ARM ASSEMBLY '09 |
| 2   | 2   | 2984-367 | STRIP TILL ARM            |
| 3   | 1   | 2984-218 | KNIFE MOUNT W.A.          |
| 3A  | 1   | 2984-224 | ROCK TRIP KNIFE MOUNT     |



**STEP 4.** Tighten all bolts to recommended torques from the table of this manual, unless the torque is otherwise specified.

Note: Do not over tighten the spindle bolt and castle nut. Torque the spindle bolt to 13-15 ft. lbs. or until the hub/blade assembly has a slight drag when turned by hand. Tighten the nut one slot position on the castle nut to line up the cotter pin hole. Secure the nut with the 1/8" x 1" cotter pin provided.

Recheck the torque on these bolts after 10 hours of operation and then every 50 hours after that. Do a routine inspection of the opener at this time for best performance and less down time.

# ASSEMBLY INSTRUCTIONS

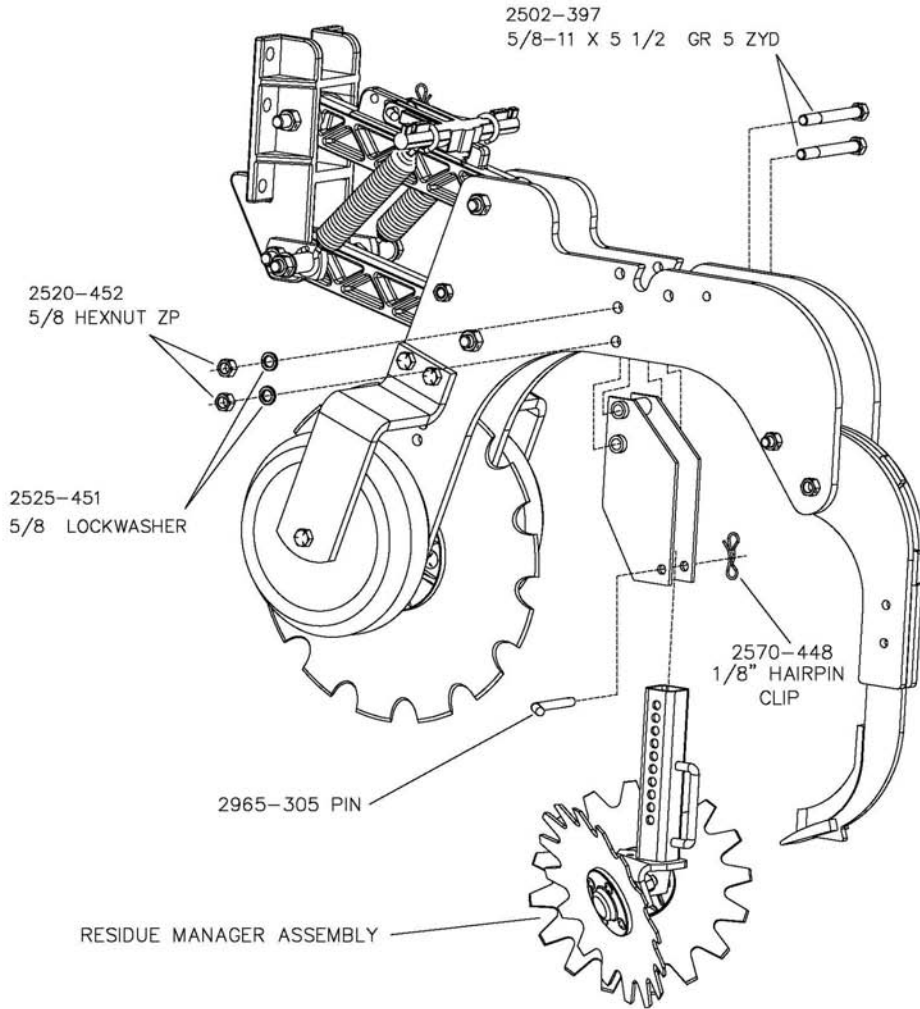
2984-028-ST - RESIDUE MANAGER

2984-029-ND - RESIDUE MANAGER

**STEP 1.** Install the wheel stem assembly

Initial Adjustment for the residue manager needs to be set at soil surface. For example: fertilizer is to be placed 6" deep, the residue manager should be adjusted 6" above the tip of the knife.

Field adjustment: In field adjustments to the residue manager will need to be done for best performance of residue manager. As conditions change, soil types, tith, moisture, amount of residue, type of residue, the residue manager's depth adjustment may also need to change.



**IMPORTANT:** See Maintenance Lubrication section for instructions before assembly!

1787-20



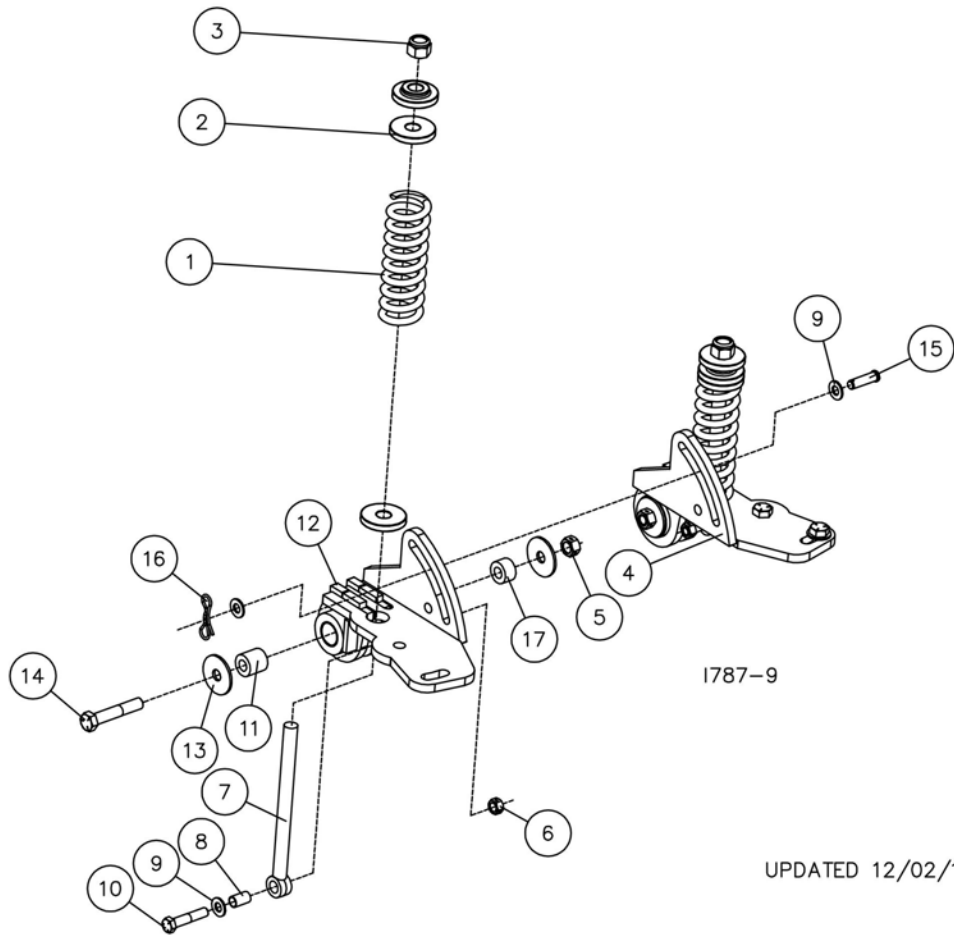
# ASSEMBLY INSTRUCTIONS

2984-030-N – NOTCHED DISC SEALER KIT

2984-030-S – SMOOTH DISC SEALER KIT

## STEP 1.

| DET | QTY | PART NO.   | DESCRIPTION                       |
|-----|-----|------------|-----------------------------------|
| 1   | 2   | 2920-350   | COMPRESSION SPRING                |
| 2   | 6   | 2975-302   | SPRING BUSHING                    |
| 3   | 2   | 2520-516   | 3/4-10NYLON INSERT LCKNT ZP       |
| 4   | 1   | 2984-126-R | RH SEALER PIVOT ASSEMBLY          |
| 5   | 2   | 2520-464   | 5/8-11 WHIZ LOCK HEX NUT ZP       |
| 6   | 2   | 2520-357   | 1/2-13 LOCK HEX NUT ZP            |
| 7   | 2   | 2570-126   | 3/4" DIA. EYEBOLT, 5/8" EYE, ZP   |
| 8   | 2   | 2984-394   | BUSHING, PIVOT                    |
| 9   | 4   | 2526-352   | 1/2 SAE FLATWASHER ZP             |
| 10  | 2   | 2502-296   | 1/2-13 X 2-1/2 HHCS GR5 ZP        |
| 11  | 2   | 2984-397   | SEALER INNER PIVOT BUSHING        |
| 12  | 1   | 2984-126-L | LH SEALER PIVOT ASSEMBLY          |
| 13  | 4   | 2527-531   | 21/32ID X 2 1/4OD X 10GA MB ZP    |
| 14  | 2   | 2502-326   | 5/8-11 X 3-1/2 HHCS GR8 ZP        |
| 15  | 1   | 2984-399   | CLEVIS PIN                        |
| 16  | 1   | 2570-448   | .120BOWTIE LCKING COTT ZYD        |
| 17  | 2   | 2984-424   | SEALER INNER PIVOT BUSHING, SHORT |



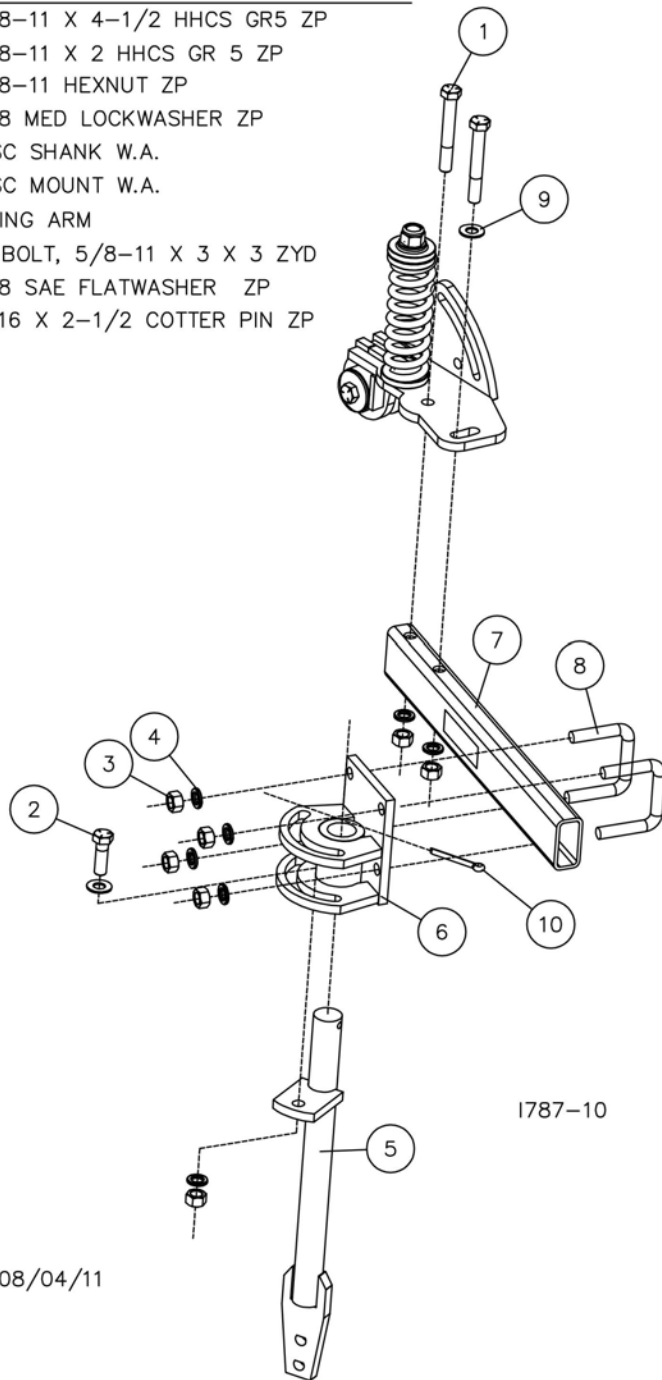
# ASSEMBLY INSTRUCTIONS

2984-030-N – NOTCHED DISC SEALER KIT

2984-030-S – SMOOTH DISC SEALER KIT

## STEP 2:

| DET | QTY | PART NO. | DESCRIPTION                |
|-----|-----|----------|----------------------------|
| 1   | 4   | 2502-334 | 5/8-11 X 4-1/2 HHCS GR5 ZP |
| 2   | 2   | 2502-391 | 5/8-11 X 2 HHCS GR 5 ZP    |
| 3   | 16  | 2520-452 | 5/8-11 HEXNUT ZP           |
| 4   | 16  | 2525-451 | 5/8 MED LOCKWASHER ZP      |
| 5   | 2   | 2984-223 | DISC SHANK W.A.            |
| 6   | 2   | 2984-216 | DISC MOUNT W.A.            |
| 7   | 2   | 2984-378 | SWING ARM                  |
| 8   | 4   | 2570-563 | U-BOLT, 5/8-11 X 3 X 3 ZYD |
| 9   | 4   | 2526-453 | 5/8 SAE FLATWASHER ZP      |
| 10  | 2   | 2531-161 | 5/16 X 2-1/2 COTTER PIN ZP |



1787-10

UPDATED 08/04/11

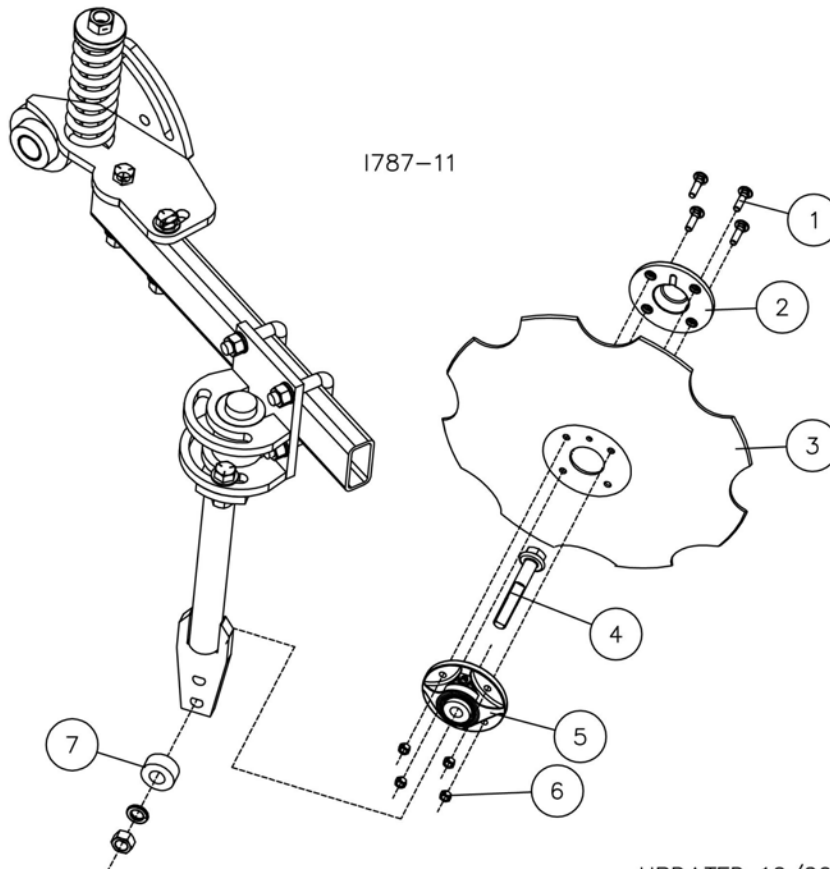
# ASSEMBLY INSTRUCTIONS

2984-030-N – NOTCHED DISC SEALER KIT

2984-030-S – SMOOTH DISC SEALER KIT

**STEP 3.** Attach the blade/hub assembly to the 2920-329 L-bracket using the D-bolt through a 5/8" lock washer and 5/8" hex nut. Torque 150 ft.lbs.

| DET | QTY | PART NO.      | DESCRIPTION                    |
|-----|-----|---------------|--------------------------------|
| 1   | 8   | 2505-207      | 5/16-18 X 1 1/4 CARBLT G5 Z    |
| 2   | 2   | 2965-352-DISC | HUB CAP CASTING, 4 BOLT, BLACK |
| 3   | 2   | 2571-187      | 16" NOTCHED SEALER BLADE       |
| 4   | 2   | 2570-742      | 5/8-11 X 4" D'BOLT GR8 ZYD     |
| 5   | 2   | 2965-128      | HUB AND BEARING ASS'Y., 4 BOLT |
|     |     | 2550-069      | SEAL                           |
|     |     | 2570-594      | BEARING                        |
|     |     | 2570-715      | INSERT                         |
|     |     | 2965-351      | HUB                            |
|     |     | 2533-110      | ZERK                           |
| 6   | 8   | 2520-205      | 5/16-18 LOCK HEX NUT ZP        |
| 7   | 2   | 2967-302      | SPACER, 3/4" ZYD               |

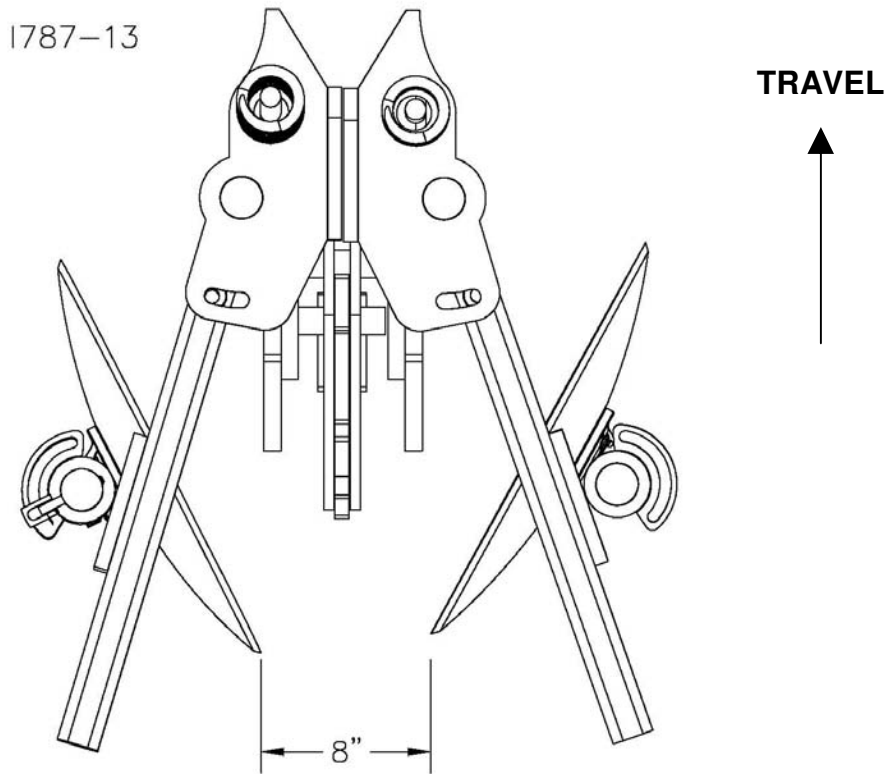


UPDATED 10/20/16

# ASSEMBLY INSTRUCTIONS

2984-030-N – NOTCHED DISC SEALER KIT  
2984-030-S – SMOOTH DISC SEALER KIT

**STEP 4.** Adjust the angle of the disc blades so that the blades are approximately 8" apart and 4" from the center of the knife.

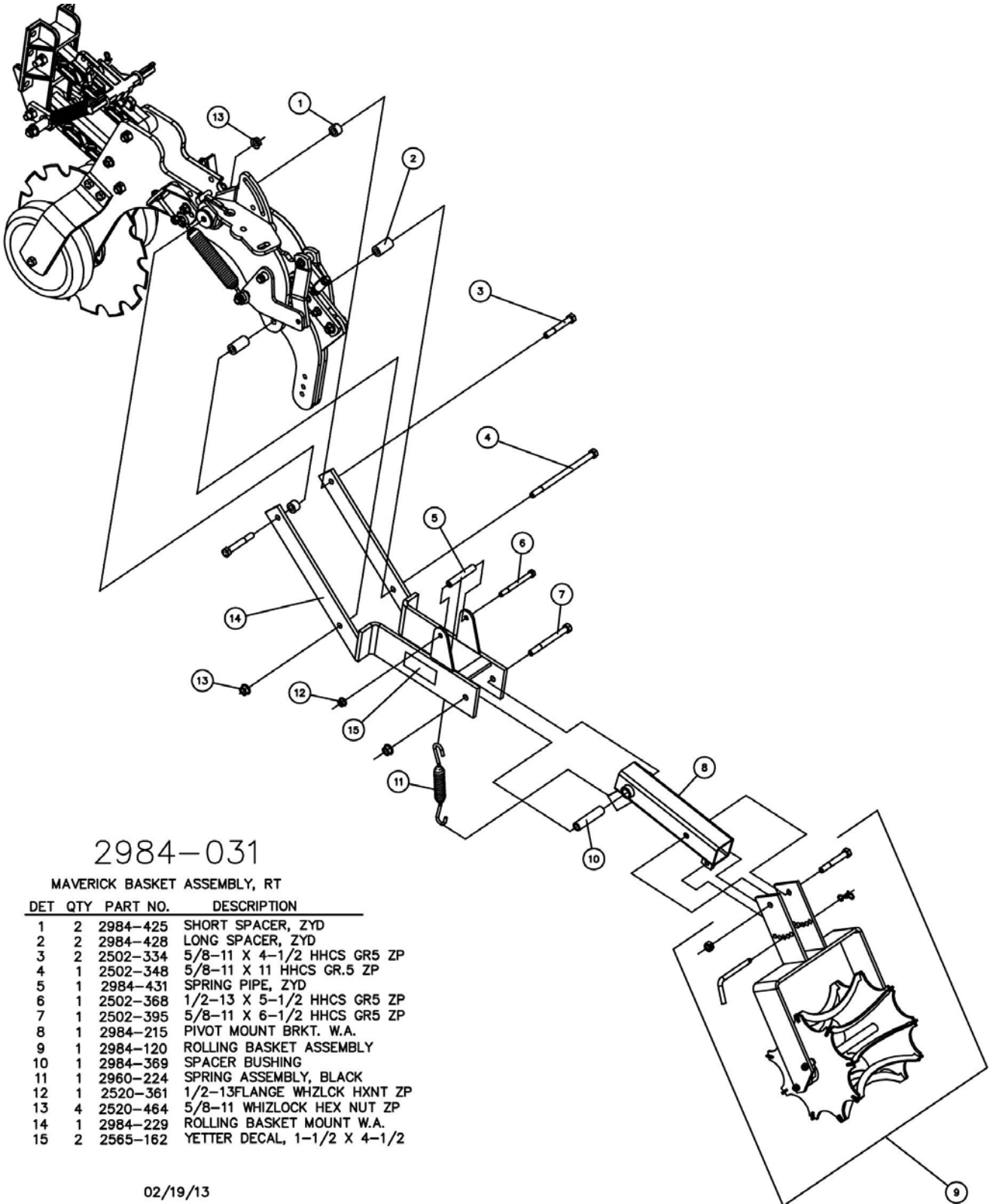


**STEP 5.** Tighten all of the hardware to the recommended torque unless otherwise stated.

# ASSEMBLY INSTRUCTIONS

## ROLLING BASKET ATTACHMENT

STEP 1. Attach Rolling Basket mount bracket to the Maverick™ Opener using the 5/8" X 6 1/2" hex bolts, secure with 5/8" lock hex nuts.



2984-031

MAVERICK BASKET ASSEMBLY, RT

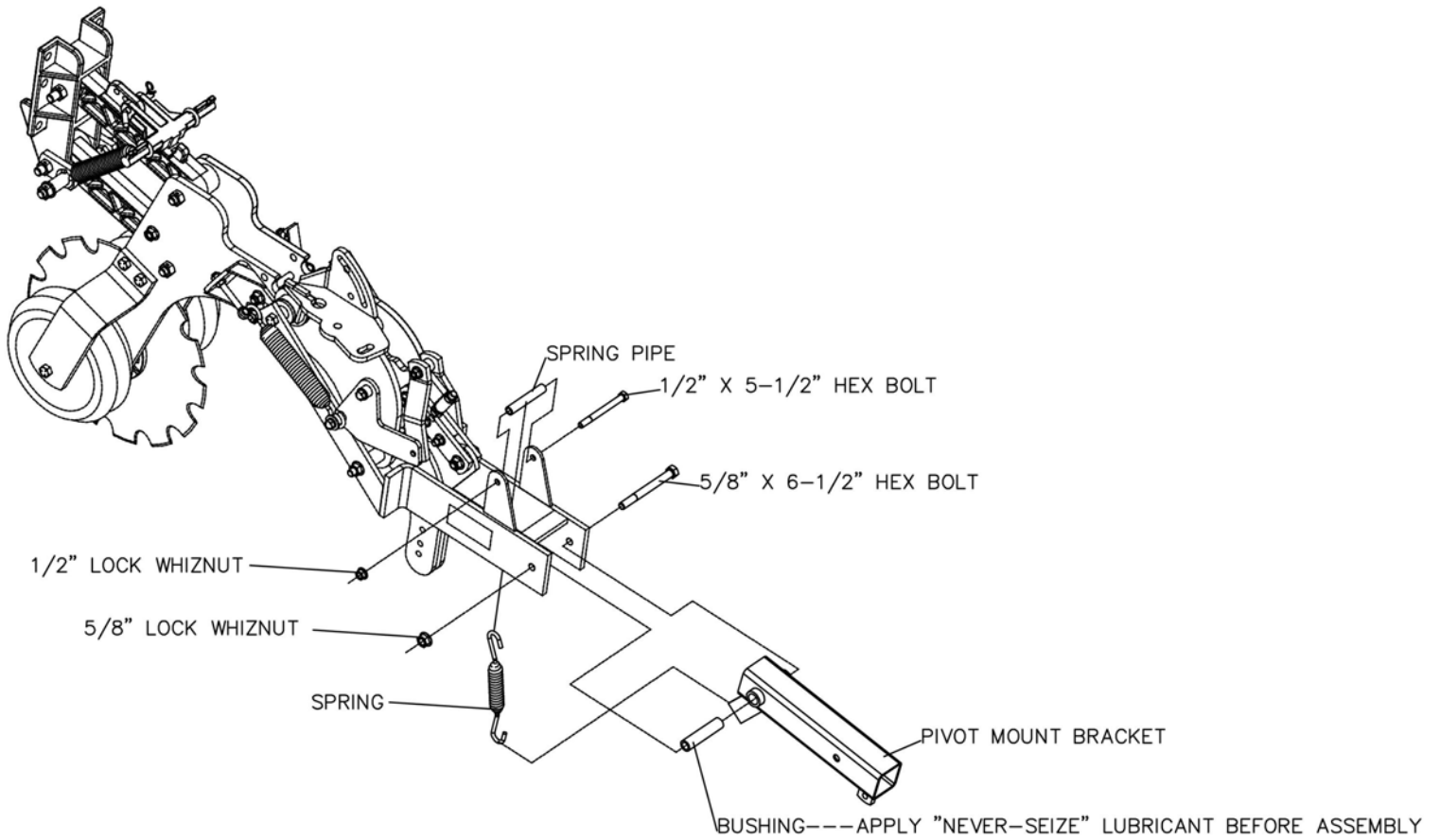
| DET | QTY | PART NO. | DESCRIPTION                 |
|-----|-----|----------|-----------------------------|
| 1   | 2   | 2984-425 | SHORT SPACER, ZYD           |
| 2   | 2   | 2984-428 | LONG SPACER, ZYD            |
| 3   | 2   | 2502-334 | 5/8-11 X 4-1/2 HHCS GR5 ZP  |
| 4   | 1   | 2502-348 | 5/8-11 X 11 HHCS GR.5 ZP    |
| 5   | 1   | 2984-431 | SPRING PIPE, ZYD            |
| 6   | 1   | 2502-368 | 1/2-13 X 5-1/2 HHCS GR5 ZP  |
| 7   | 1   | 2502-395 | 5/8-11 X 6-1/2 HHCS GR5 ZP  |
| 8   | 1   | 2984-215 | PIVOT MOUNT BRKT. W.A.      |
| 9   | 1   | 2984-120 | ROLLING BASKET ASSEMBLY     |
| 10  | 1   | 2984-369 | SPACER BUSHING              |
| 11  | 1   | 2960-224 | SPRING ASSEMBLY, BLACK      |
| 12  | 1   | 2520-361 | 1/2-13FLANGE WHZLCK HXNT ZP |
| 13  | 4   | 2520-464 | 5/8-11 WHIZLOCK HEX NUT ZP  |
| 14  | 1   | 2984-229 | ROLLING BASKET MOUNT W.A.   |
| 15  | 2   | 2565-162 | YETTER DECAL, 1-1/2 X 4-1/2 |

02/19/13

# ASSEMBLY INSTRUCTIONS

## ROLLING BASKET ATTACHMENT

STEP 2. Attach the pivot bracket and bushing (apply "never seize" lubrication to the bushing before installing) to the mount bracket using the 5/8" x 6 1/2" hex bolt and 5/8" lock hex nut.

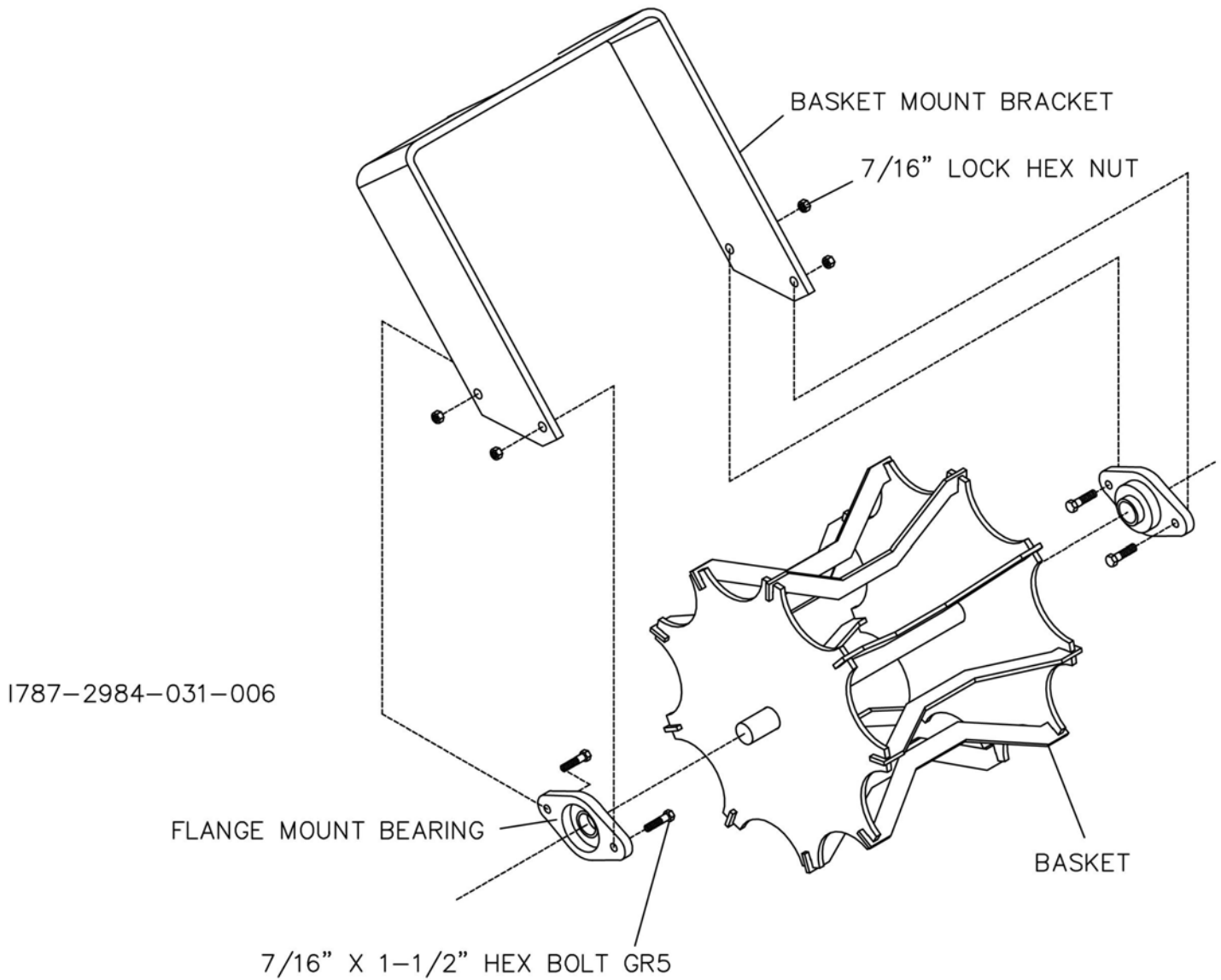


1787-2984-031-003

# ASSEMBLY INSTRUCTIONS

## ROLLING BASKET ATTACHMENT

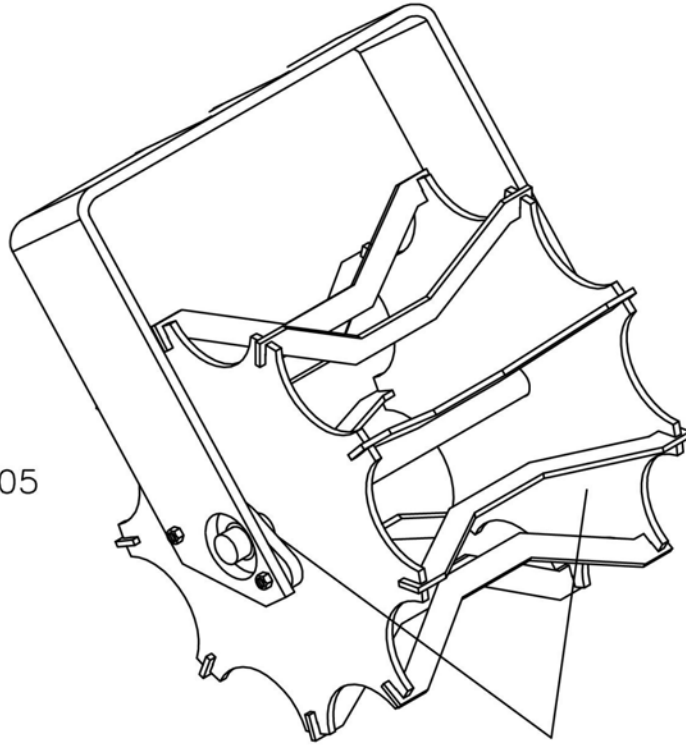
STEP 3. Install the basket with flange mount bearings to the basket mount bracket using (4) 7/16" x 1 1/2" hex bolt and 7/16" lock hex nut.



# ASSEMBLY INSTRUCTIONS

## ROLLING BASKET ATTACHMENT

STEP 4. Center the basket in the basket mount bracket and “triple tighten” the set screws.



1787-2984-031-005

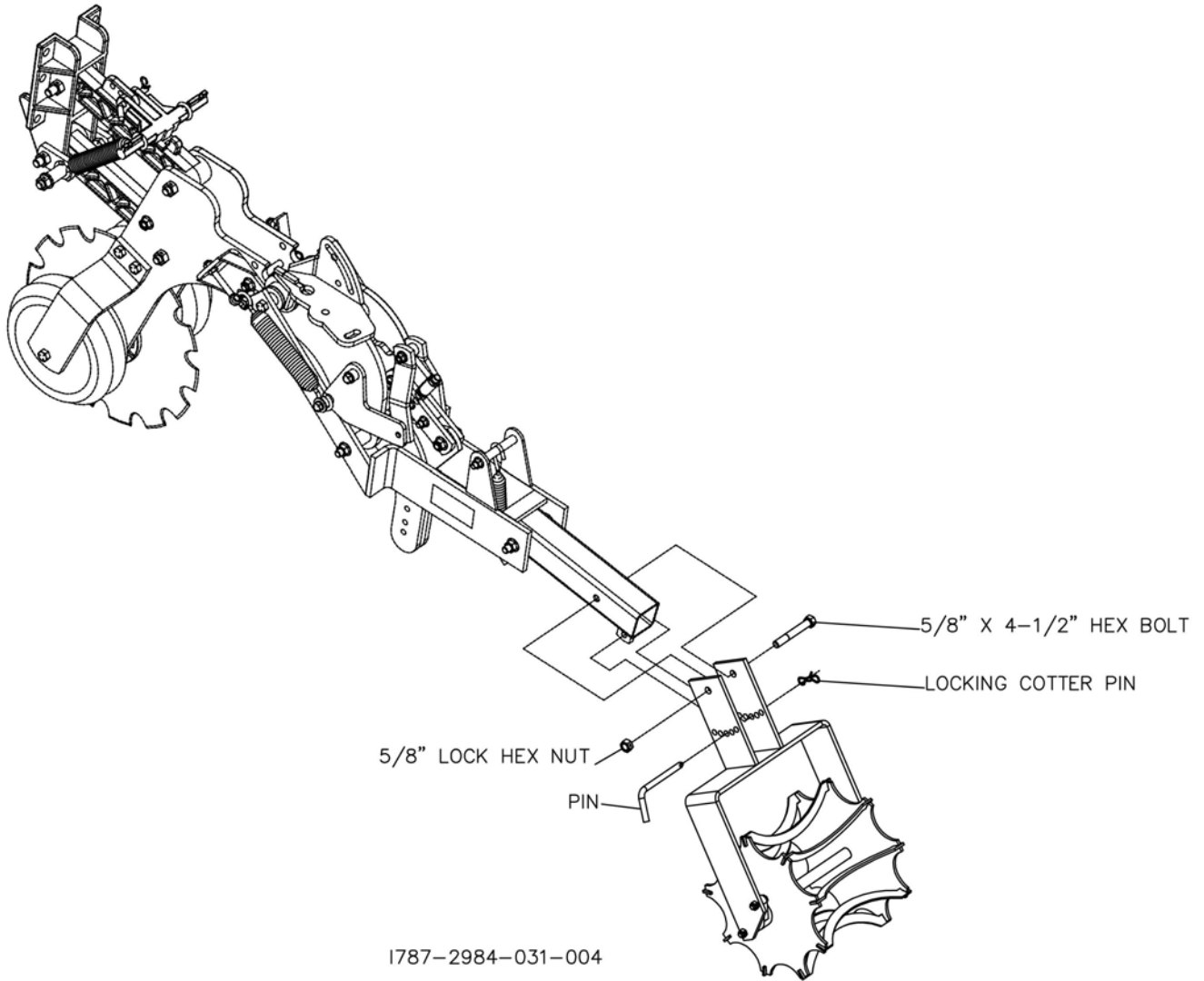
NOTE: TIGHTEN SET SCREWS  
IN BEARINGS AFTER  
THE UNIT IS COMPLETELY  
ASSEMBLED, MAKE SURE  
BASKET IS CENTERED.



# ASSEMBLY INSTRUCTIONS

## ROLLING BASKET ATTACHMENT

STEP 5. Attach the basket mount bracket to the pivot bracket using the 5/8" x 4 1/2" hex bolt and 5/8" lock hex nut. Also, install the adjustment pin and 1/8" hairpin cotter.



# OPERATION

YETTER model 2984 MAVERICK OPENER<sup>SM</sup> is a multi-functional tool designed for use in a fertilizer management system. It is capable of residue management, precision fertilizer placement, soil tilth, and soil berm/mound building all in one pass. Thus creating a seedbed that will increase your Return On Investment.

It is important to know that the 2984 MAVERICK OPENER<sup>SM</sup> unit is similar to a row crop planter unit in operation, thus it is very important to adjust the frame height and levelness for best performance. Soil conditions (i.e.; frozen soil, rocks, heavy, tough residue) have a major influence on the performance of the MAVERICK OPENER<sup>SM</sup>. If damp soil is building up on the wheels, discs or knives then conditions are less than ideal and the unit will not perform at its best.



**CAUTION:** Frozen soil or heavy rock population may cause damage to the MAVERICK OPENER<sup>SM</sup>.



**IMPORTANT:** For proper operation, the toolbar frame must operate level (for, aft. and side to side) and at the correct height, typically 24”.

In hard or rocky soil conditions, the desired operating depth of the knife may not be possible. Increase the spring pressure to obtain the desired depth rather than lower the toolbar frame below the 24” recommended setting. Toolbar weight may limit operating depth in hard soil conditions; add ballast to the toolbar frame. Example 200#’s per opener have been added to the frame to achieve the desired depth. Operating depth of the MAVERICK OPENER<sup>SM</sup> is affected by spring tension, toolbar height, and levelness of toolbar and soil tilth. As soil conditions change, toolbar settings and coulter adjustments will need to be changed as well.

Toolbar gauge wheel kits are optional but advocated for use with the MAVERICK OPENER<sup>SM</sup> because of toolbar frame height being critical for proper operation, 24”.

1. Set/mount coulter blades to run perpendicular to the soil. Operation depth and blade wear can be affected if the coulter mounted crooked or if the toolbar is not level side to side.
2. After a few hours of use, check all bolts for tightness and proper torque.
3. After a day of use (10-12 hours) check coulter hubs for loose bearings. There should be no endplay in the hub bearings allowing the blade to wobble. If necessary, remove cotter pin and adjust the slotted nut to remove wobble, recommended torque of 13 ft. lbs. and re-insert cotter pin. If the wobble or looseness cannot be corrected, the bearings, cups and seals will need to be replaced. DO NOT REUSE WORN OR DAMAGED PARTS.

# OPERATION

## WARNING

Never clean, lubricate or adjust a machine that is in motion. Always lower or block the implement before performing service.

If machine must be serviced in the raised position, jack or block it up to prevent it from accidentally falling and injuring someone.

Do not allow riders on the tractor or implement.

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

Be sure all personnel are clear of the immediate area before operating.

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

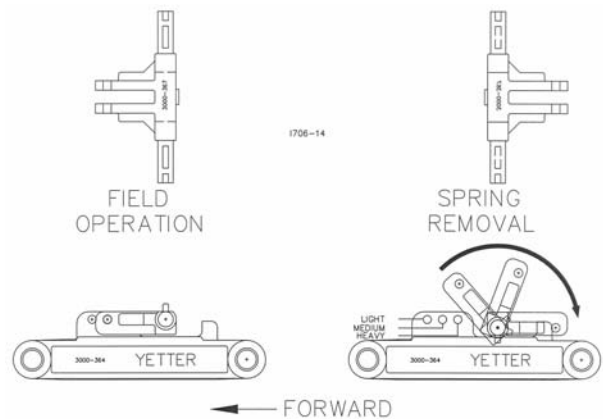
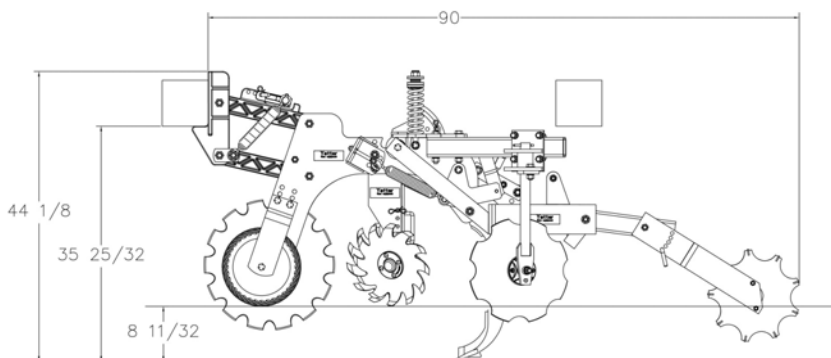
Be familiar with all tractor and implement controls and be prepared to stop engine and implements quickly in an emergency.

### **FAILURE TO HEED MAY RESULT IN PERSONAL INJURY OR DEATH.**

**NOTE:** Adjustments to the MAVERICK OPENER™ are best done while in the field where the unit is to be operated.

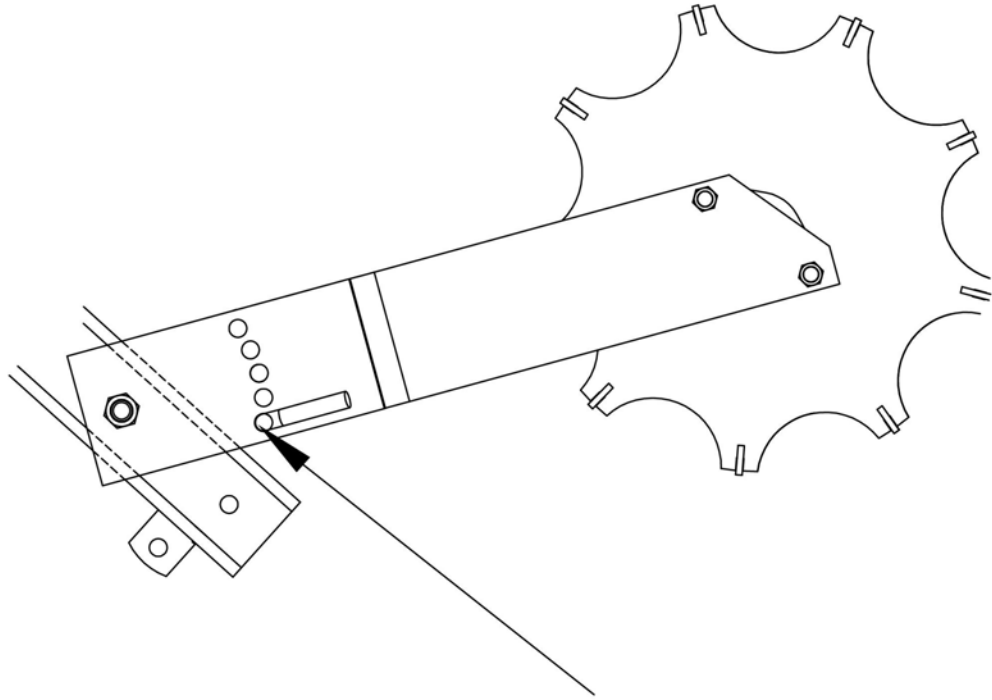
**STEP 1.** Set the toolbar frame height at 24". This height, from the top of the soil to the bottom of the toolbar, seems to work for the best performance of the MAVERICK OPENER™. Adjust the toolbar gauge wheels up or down to get the 24" from the bottom of the gauge wheel to the bottom of the toolbar. Adjust the spring tension on the upper parallel arm; forward for lighter setting and rearward for heavier setting (TWO ADDITIONAL SPRINGS ARE AVAILABLE IF NEEDED). The pin must be installed to hold the spring bar at the desired setting. Add or remove weight to the toolbar to achieve the proper toolbar frame height.

**NOTE:** Toolbar frame levelness and height adjustments are very important settings for correct performance of the coulters.



# OPERATION


**STEP 1.** Disengage Rolling Basket Attachment – Lift basket and insert pin. See diagram.

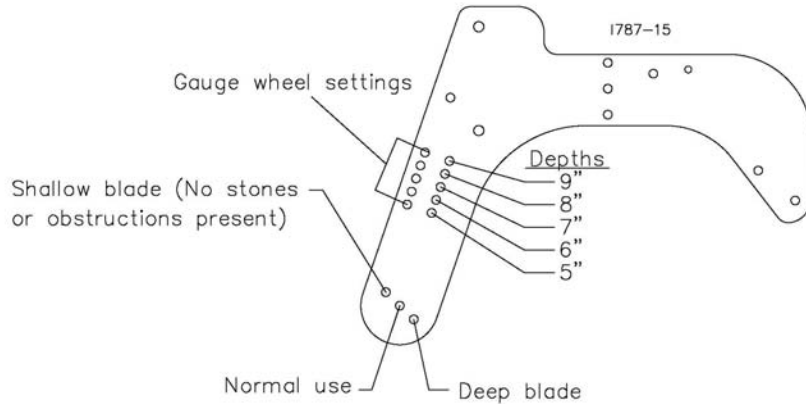


BASKET "LOCK-UP" PIN LOCATION

1787-2984-031-ADJUSTMENT

# OPERATION



**STEP 2.** Set the coulter depth based on soil conditions, (i.e. tilth, stones or crop residue). For proper operation of the MAVERICK OPENER , the coulter must cut through crop residues including roots. For best performance 3"-4" depth is recommended. Raising the blade helps to cut residue rather than pushing it ahead and not cutting. Operating the blade deep puts the hub and mounting plates close to the surface and may create plugging in heavy residue.



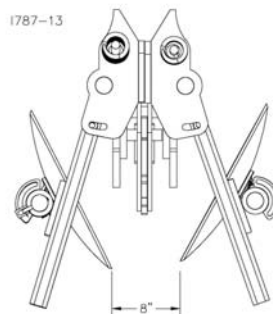
**STEP 3.** Set the depth of the knife by adjusting toolbar height and spring tension on the parallel arms.

**STEP 4.** 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.

## ROW CLEANER DO's AND DON'T's:

1. **DO NOT** move soil; Residue Managers are designed to move crop residue only.
2. **DO NOT** operate toolbar at slow speeds, ground speed affects how aggressive the spoke wheels are; operate at sufficient speed (5-7 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 24" and levelness. Very important to ensure L749 MAVERICK OPENER  will follow ground contours properly.
6. **DO** adjust MAVERICK OPENER  down pressure kit correctly to prevent excessive depth.

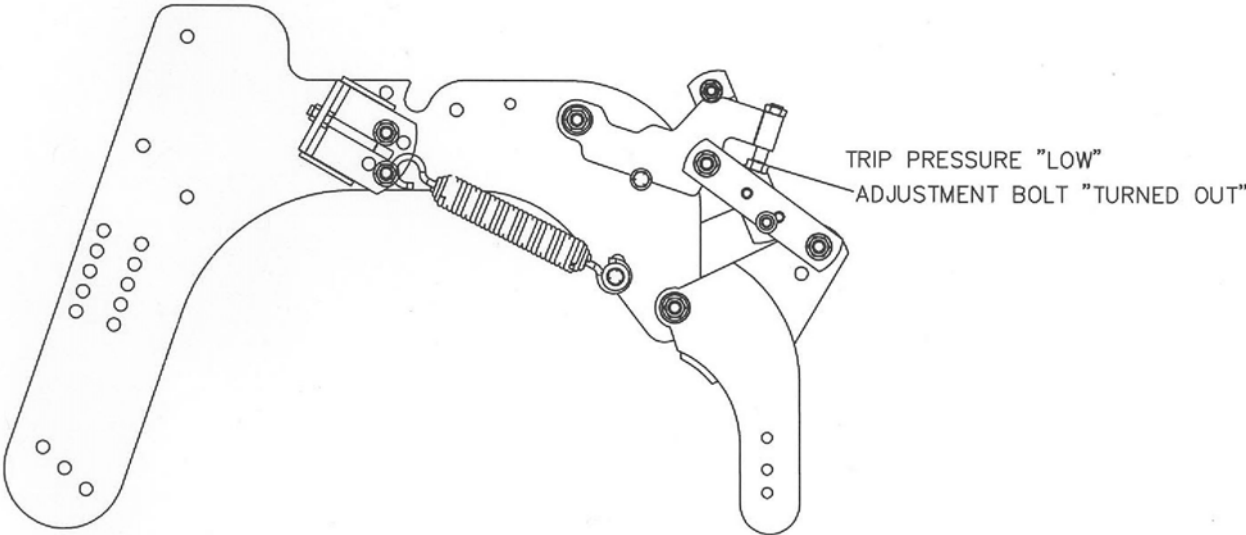
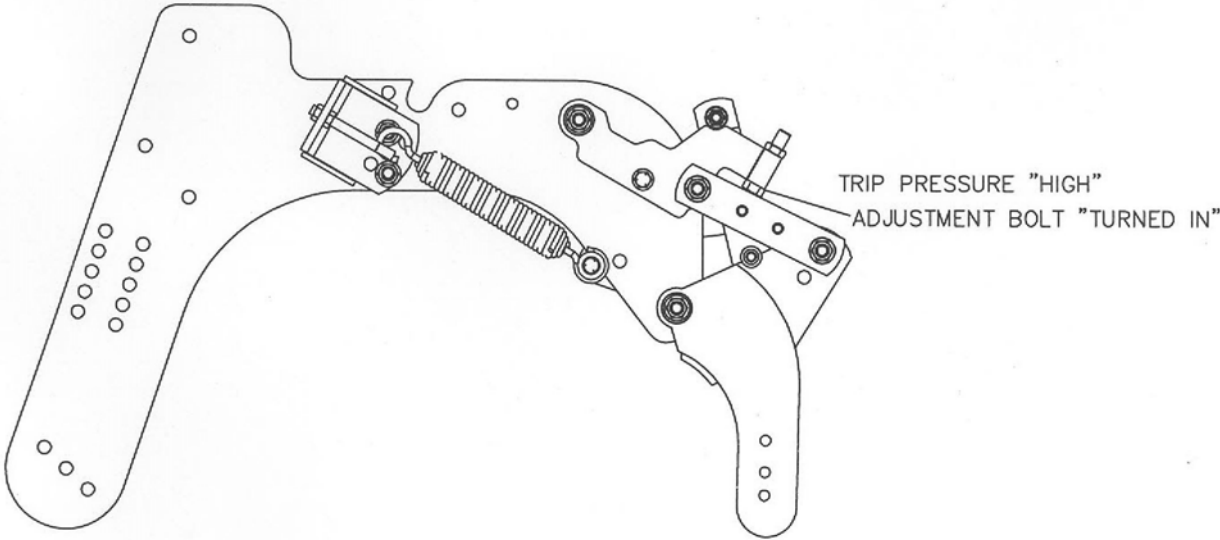
**STEP 5.** Adjust the Sealing Discs/Wheels. The width and height of the mound/berm depends on ground conditions, depth setting, spring tension, blade angle and ground speed. A popular setting for the blade adjustment is 8" at the rear of the blades, equal distance from the center of the row.



# OPERATION – ADJUSTMENT

## OPERATION

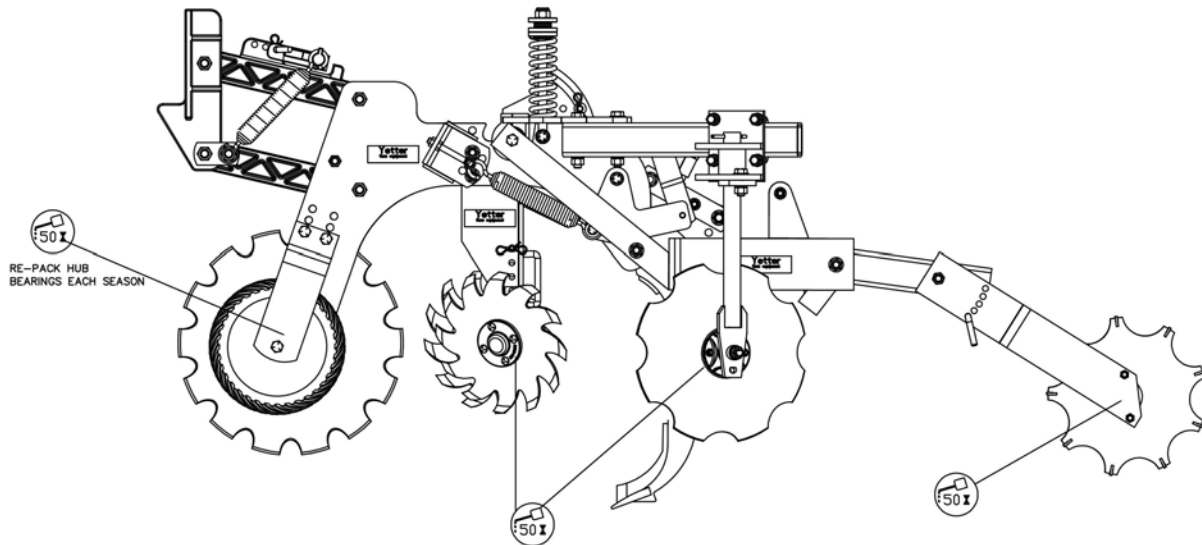
### Rock Trip Auto Reset Option



1787-2984-ROCK TRIP-003

# MAINTENANCE

**LUBRICATION: USE #2 MULTI-PURPOSE POLYUREA GREASE**



To ensure longevity and reliability of the MAVERICK OPENER<sup>®</sup> HR Plus, the recommended lubrication schedule should be followed using multi-purpose grease at intervals as indicated.

## **BEARING ADJUSTMENT:**

1. Raise the toolbar until the blade is clear of the ground. Place a safety stand under the toolbar. Remove the cotter pin, slotted nut, washer and bolt from the hub assembly. Remove the blade from the hub assembly.
2. Remove bearing cones and seal from the hub.
3. Wash the old grease from the hub, bearing cups, spindle spacers, seals and bearing cones. Inspect the condition of bearing cups, cones and seals. Replace if necessary.
4. Apply #2 multi-purpose polyurea grease on each bearing. Make sure the space around each roller is filled. Lubricate the bearing cups.
5. Position the bearing in the cup and install the seal. Lubricate the seal lips and proceed with re-assembly of the removed parts including the blade. Blade bolt torque is 90 to 96 ft/lbs.
6. Tighten the slotted nut to 10 to 15 ft/lbs. or until a definite drag is felt when the blade is turned by hand. Tighten the nut one slot position to line up the cotter pin hole with a slot. Secure the nut with a new cotter pin.

## **KNIFE WEAR:**

The lower portion of the knife and tube are subject to wear during operation. The rate of wear will depend on a variety of factors and in abrasive soil conditions the wear will be more rapid.

NOTE: In certain areas, replacement knives should be kept in stock, replacing worn knives as needed.

# MAINTENANCE

## BEARING ASSEMBLY AND LUBRICATION

### Practice Safety

Understand and practice safe service procedures before doing work. Follow ALL the operating, maintenance and safety information in the equipment operator manual. Clear the area of bystanders, especially small children, when performing any maintenance or adjustments. Keep work area clean and dry. Use adequate lighting for the job. Use only tools, jacks and hoists of sufficient capacity for the job.

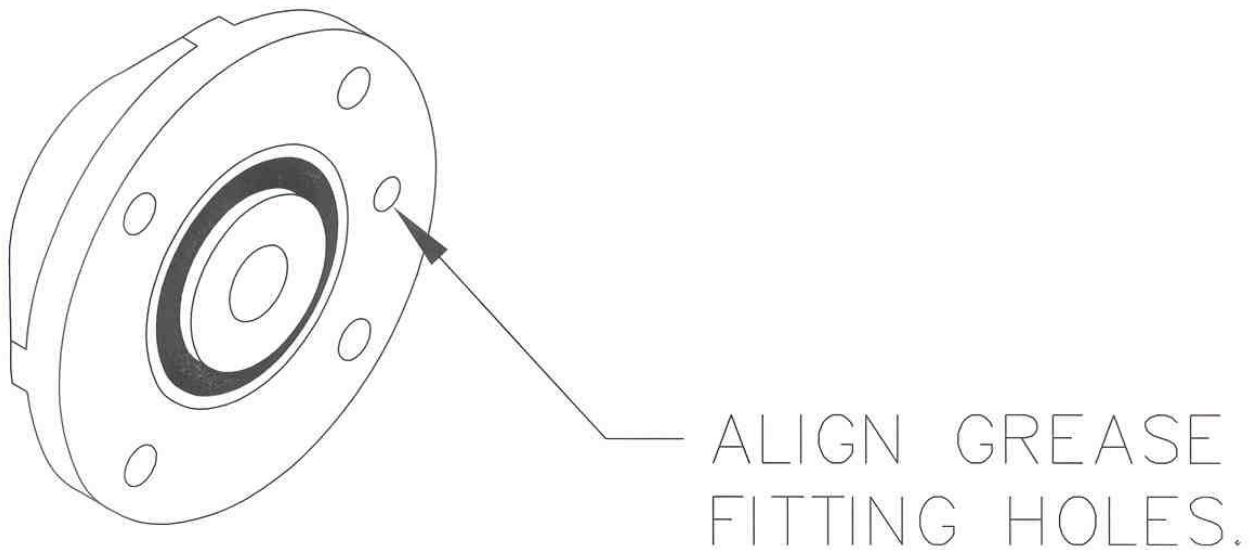
Never lubricate, service, or adjust machine while it is moving. Keep hands, feet, and clothing from power-driven moving and rotating parts. Disengage all power and operate controls to relieve pressure. Lower equipment to the ground and stop the engine.

Remove the key. Wait for all moving parts to stop before servicing, adjusting, repairing or unplugging.

Securely support any machine elements with blocks or safety stands that must be raised for service work.

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

Make sure all guards are in place and properly secured when maintenance work is completed.

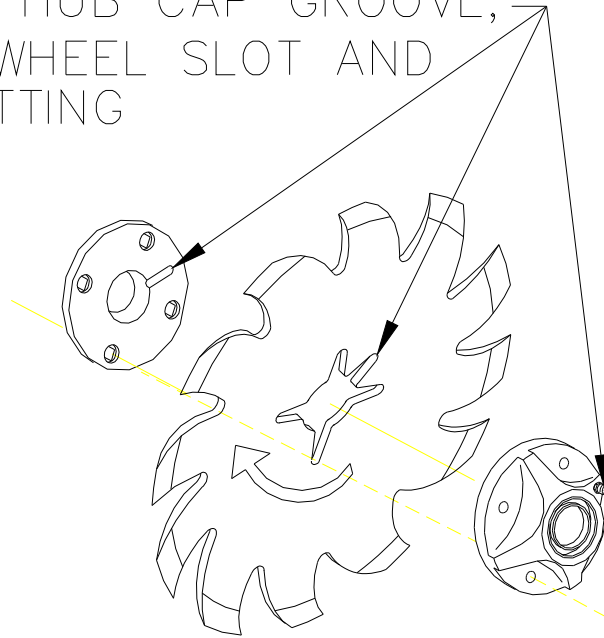


I190-1

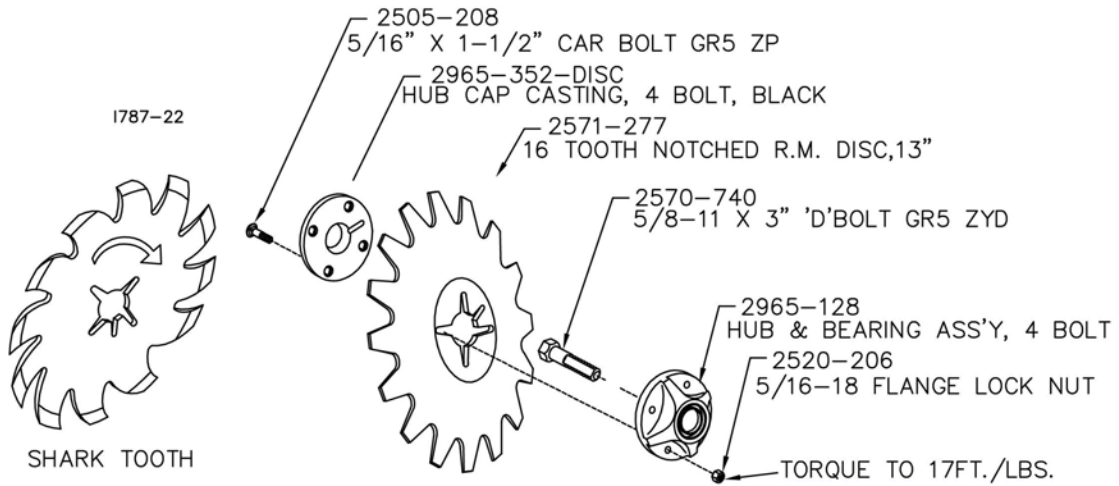


# MAINTENANCE

ALIGN THE HUB CAP GROOVE,  
WITH THE WHEEL SLOT AND  
GREASE FITTING



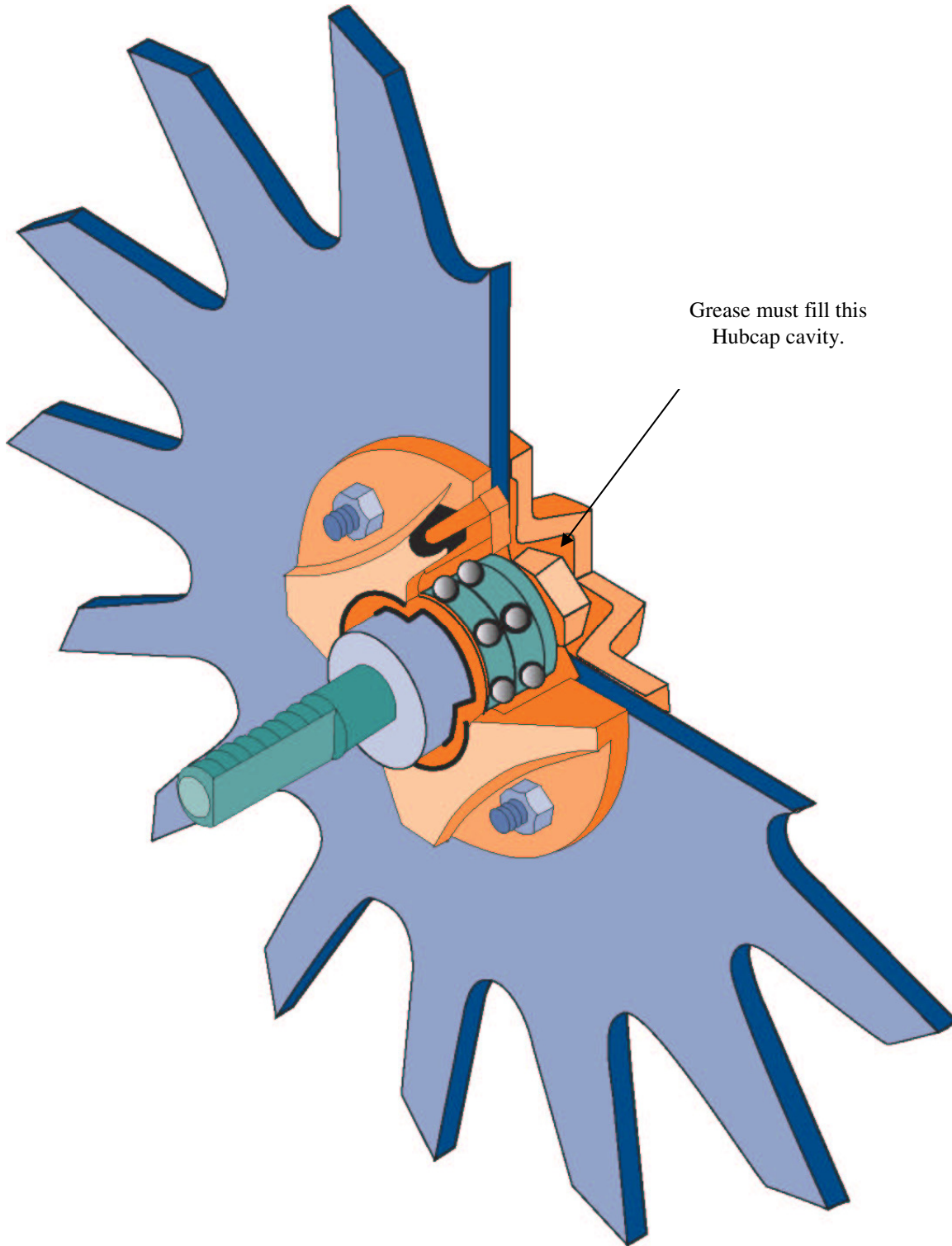
**NOTE:** Be certain to align the grease fitting with the slot in the wheel and the hubcap so that the grease can flow freely.



(LEFT HAND ASSEMBLY SHOWN)

UPDATED 10/20/16

# MAINTENANCE



# 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 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.

| PART #   | DESCRIPTION                    | OUNCES OF GREASE |
|----------|--------------------------------|------------------|
| 2967-602 | 13" SHARK TOOTH R.M. WHEEL     | 1.12 OZ          |
| 2571-277 | 16 TOOTH NOTCHED R.M. DISC,13" | 1.12 OZ          |

### 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.

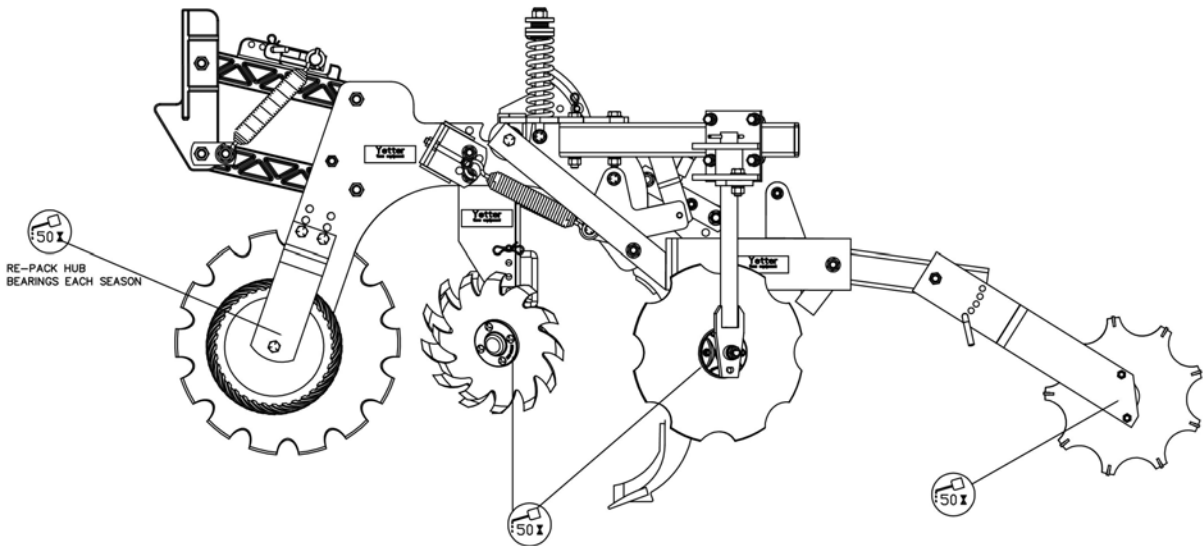
# MAINTENANCE

## Lubrication Symbols



Lubricate with grease at hourly interval indicated on symbol.

## Lubrication Intervals



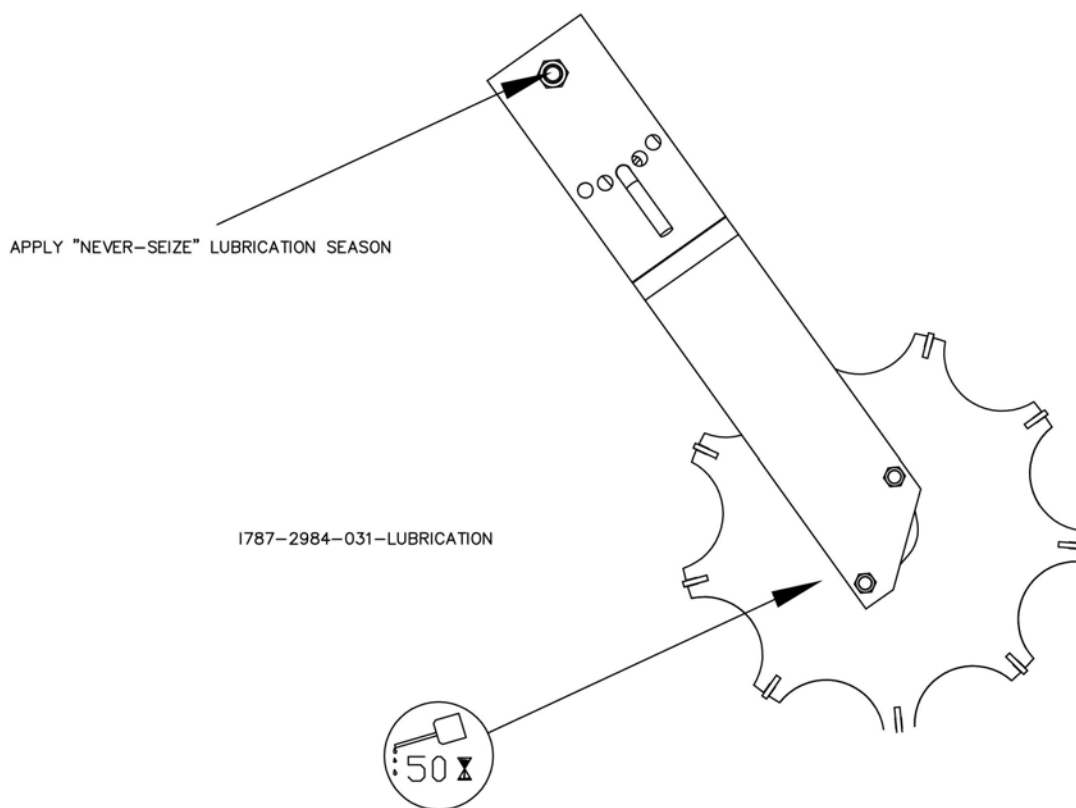
**LUBRICATION:** Use Polyurea NLGI grade #2

**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.

## MAINTENANCE

- Always lubricate the implement thoroughly before taking it to the field.
- Always lower the implement until all shank points rest on the ground.
- Lubricate fittings and bushings as indicated in the diagram below.
- Be sure grease fittings are free from dirt and paint so the lubricant is certain to enter the proper areas. Clean fittings thoroughly before using.
- Use No. 2 multi-purpose polyurea grease



# MAINTENANCE

## Storing the Equipment

Store the machine in an area away from human activity.

Store machine in RAISED position.

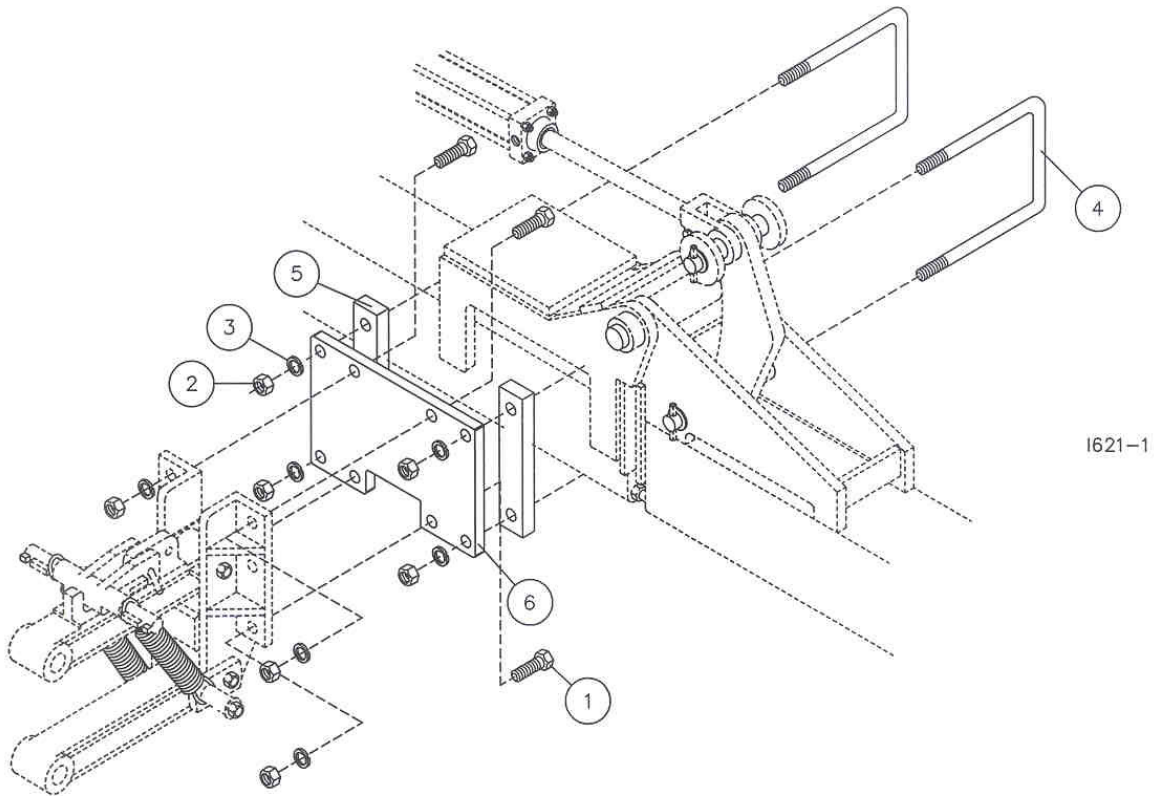
Install service locks on all wheel cylinders.

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

## 3000-131 PLATE ASSEMBLY



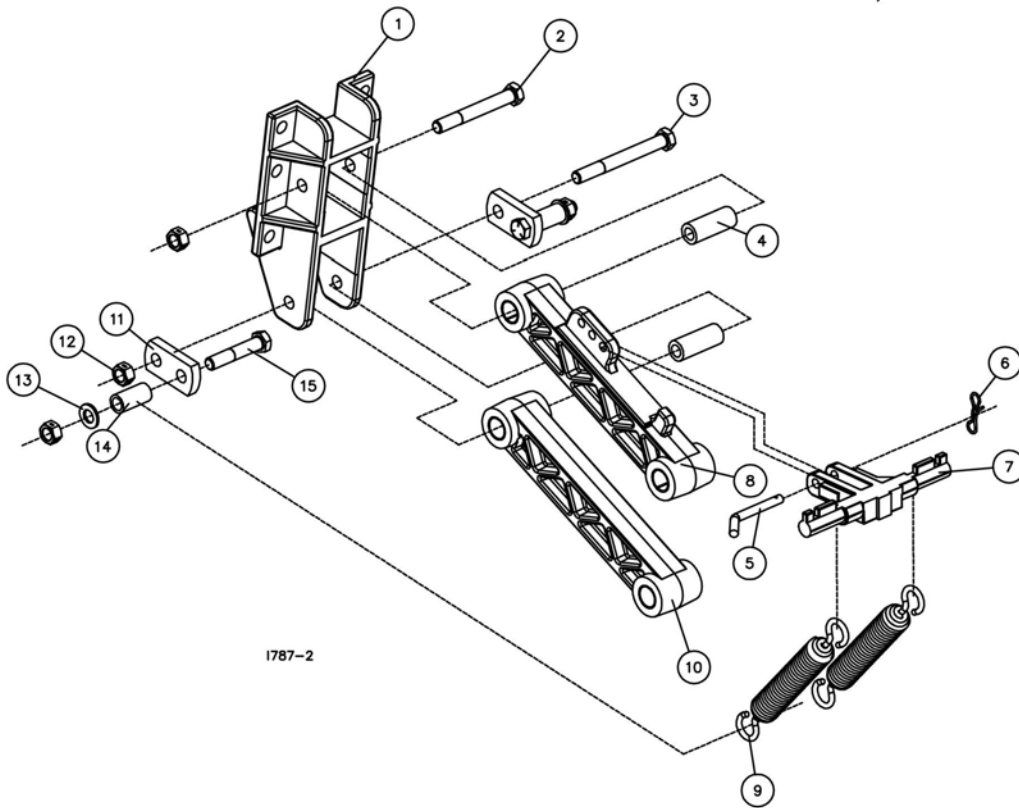
I621-1

| KEY | QTY. | PART NO. | DESCRIPTION                    |
|-----|------|----------|--------------------------------|
| 1   | 4    | 2502-407 | 3/4-10 X 2-1/2" HHCS GR.5, ZP. |
| 2   | 8    | 2520-504 | 3/4-10 HEX NUT, ZP.            |
| 3   | 8    | 2525-501 | 3/4 MED. LOCKWASHER, ZP.       |
| 4   | 2    | 2570-484 | 3/4 X 7 X 10 U-BOLT, ZP.       |
| 5   | 2    | 6001-477 | 1" SPACER, 7" BAR              |
| 6   | 1    | 3000-394 | MOUNTING PLATE                 |

# PARTS IDENTIFICATION

## 3000-149 PARALLEL ARM ASSEMBLY, 09

| DET | QTY | PART NO. | DESCRIPTION                          | DET | QTY | PART NO. | DESCRIPTION                    |
|-----|-----|----------|--------------------------------------|-----|-----|----------|--------------------------------|
| 1   | 1   | 3000-409 | CLAMP BRACKET                        | 8   | 1   | 3000-147 | UPPER PARALLEL ARM ASSEMBLY    |
| 2   | 1   | 2502-510 | 3/4-10 X 6 HHCS GR. 5 ZYD            | 4   | 4   | 2528-367 | BUSHING                        |
| 3   | 1   | 2502-509 | 3/4-10 X 7 HHCS GR. 5 ZYD            | 9   | 2   | 2550-754 | 1 5/8OD X .262 WIRE EXT SPRING |
| 4   | 2   | 3000-408 | INNER BUSHING, MAVERICK LINKAGE, ZYD | 10  | 1   | 3000-148 | LOWER PARALLEL ARM ASSEMBLY    |
| 5   | 1   | 2965-305 | PIN, FURROWING ATTACHMENT ZYD        | 4   | 4   | 2528-367 | BUSHING                        |
| 6   | 1   | 2570-448 | 1/8 BOWTIE LOCKING COTTER ZYD        | 11  | 2   | 2984-304 | SPRING ANCHOR TAB              |
| 7   | 1   | 3000-367 | UPPER SPRING BAR PAINTED             | 12  | 4   | 2520-515 | 3/4-10 LOCK HEX NUT ZP         |
|     |     |          |                                      | 13  | 2   | 2526-504 | 3/4 SAE FLATWASHER             |
|     |     |          |                                      | 14  | 2   | 2984-305 | SPACER, SPRING ANCHOR          |
|     |     |          |                                      | 15  | 2   | 2502-404 | 3/4-10 X 4 HHCS GR 5 ZYD       |



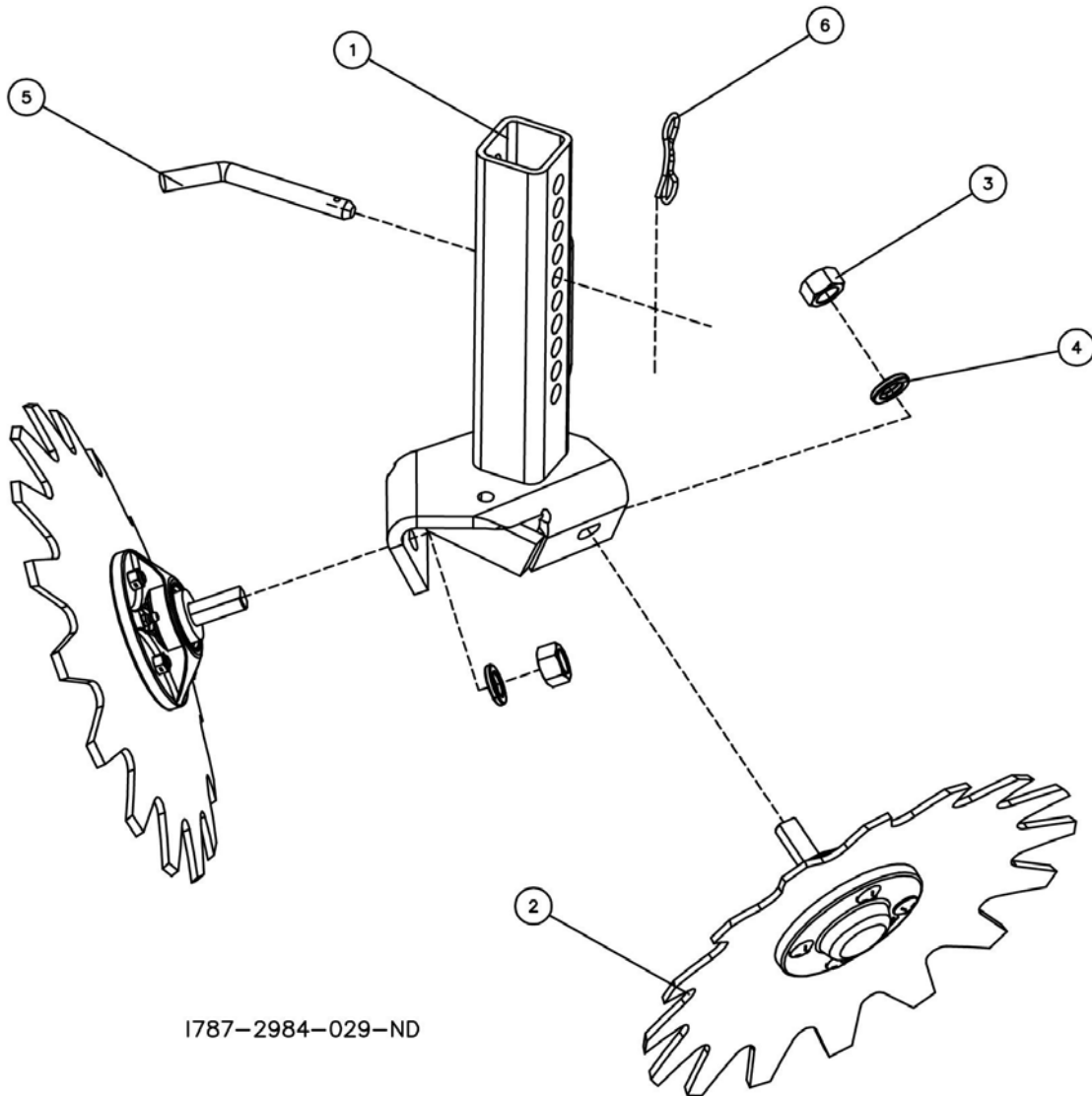
UPDATED 05/21/10



# PARTS IDENTIFICATION

2984-029-ND-R (SHOWN)  
2984-029-ND-L

| DET | QTY | PART NO.   | DESCRIPTION                                  |
|-----|-----|------------|--|
| 1   | 1   | 2984-220-R | STAGGERED STEM R.H. W.A., STRIP TILL (SHOWN) |
|     |     | 2984-220-L | STAGGERED STEM L.H. W.A., STRIP TILL         |
| 2   | 2   | 2966-160   | NOTCHED DISC ASSEMBLY                        |
| 3   | 2   | 2520-452   | 5/8-11 HEXNUT ZP                             |
| 4   | 2   | 2525-451   | 5/8 MED LOCKWASHER ZP                        |
| 5   | 1   | 2965-305   | PIN, FURROWING ATTACHMENT ZYD                |
| 6   | 1   | 2570-448   | .120 BOWTIE LOCKING COTTER ZYD               |

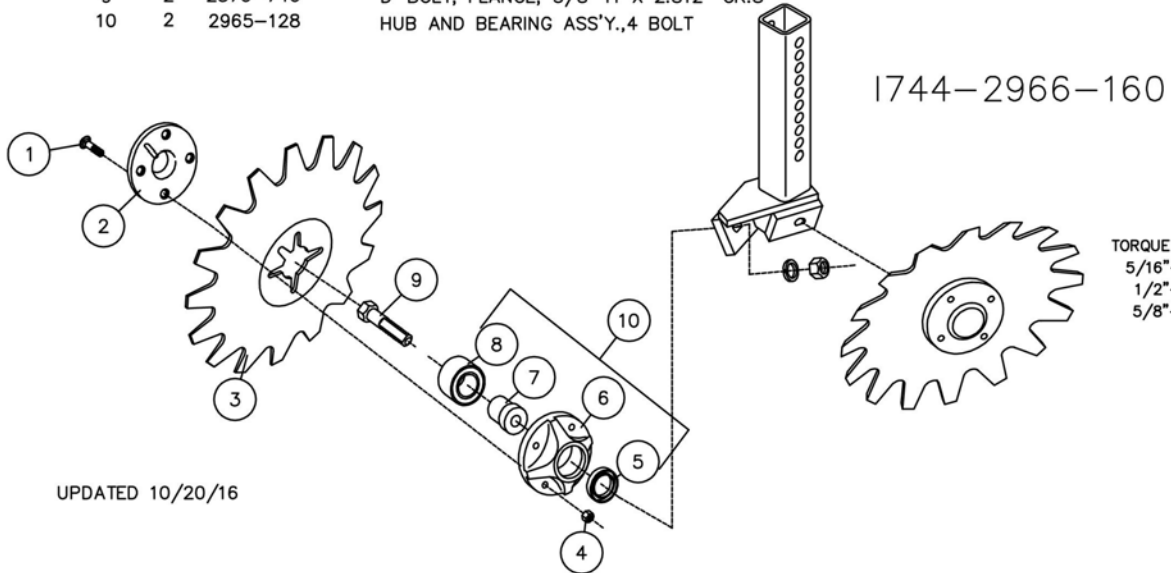


I787-2984-029-ND

# PARTS IDENTIFICATION

## 2966-160 NOTCHED DISC ASSEMBLY

| KEY | QTY. | PART NO.      | DESCRIPTION                          |
|-----|------|---------------|--------------------------------------|
| 1   | 8    | 2505-207      | 5/16-18 X 1 1/4 CAR BLT GR5          |
| 2   | 2    | 2965-352-DISC | HUB CAP CASTING, 4 BOLT              |
| 3   | 2    | 2571-227      | 16 TOOTH NOTCHED RM DISC             |
| 4   | 8    | 2520-206      | 5/16-18 FLANGE LOCK NUT              |
| 5   | 2    | 2550-069      | SEAL, CR# 13548                      |
| 6   | 2    | 2965-351      | HUB, 4 BOLT                          |
| 7   | 2    | 2570-715      | BEARING INSERT, TRASHMASTER          |
| 8   | 2    | 2570-594      | BEARING, NTN# DF0654LU               |
| 9   | 2    | 2570-740      | D-BOLT, FLANGE, 5/8-11 X 2.812" GR.8 |
| 10  | 2    | 2965-128      | HUB AND BEARING ASS'Y.,4 BOLT        |

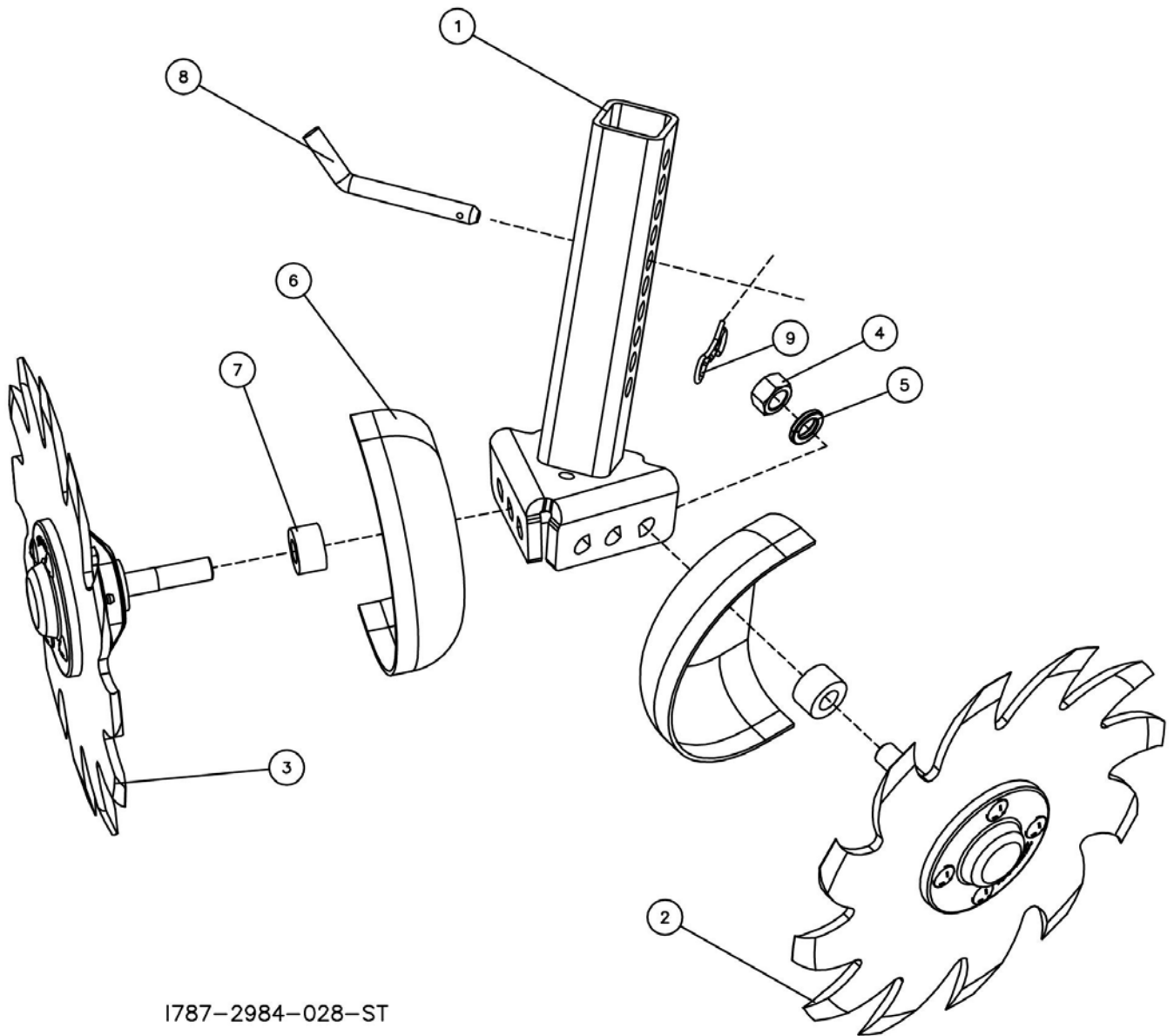


UPDATED 10/20/16

# PARTS IDENTIFICATION

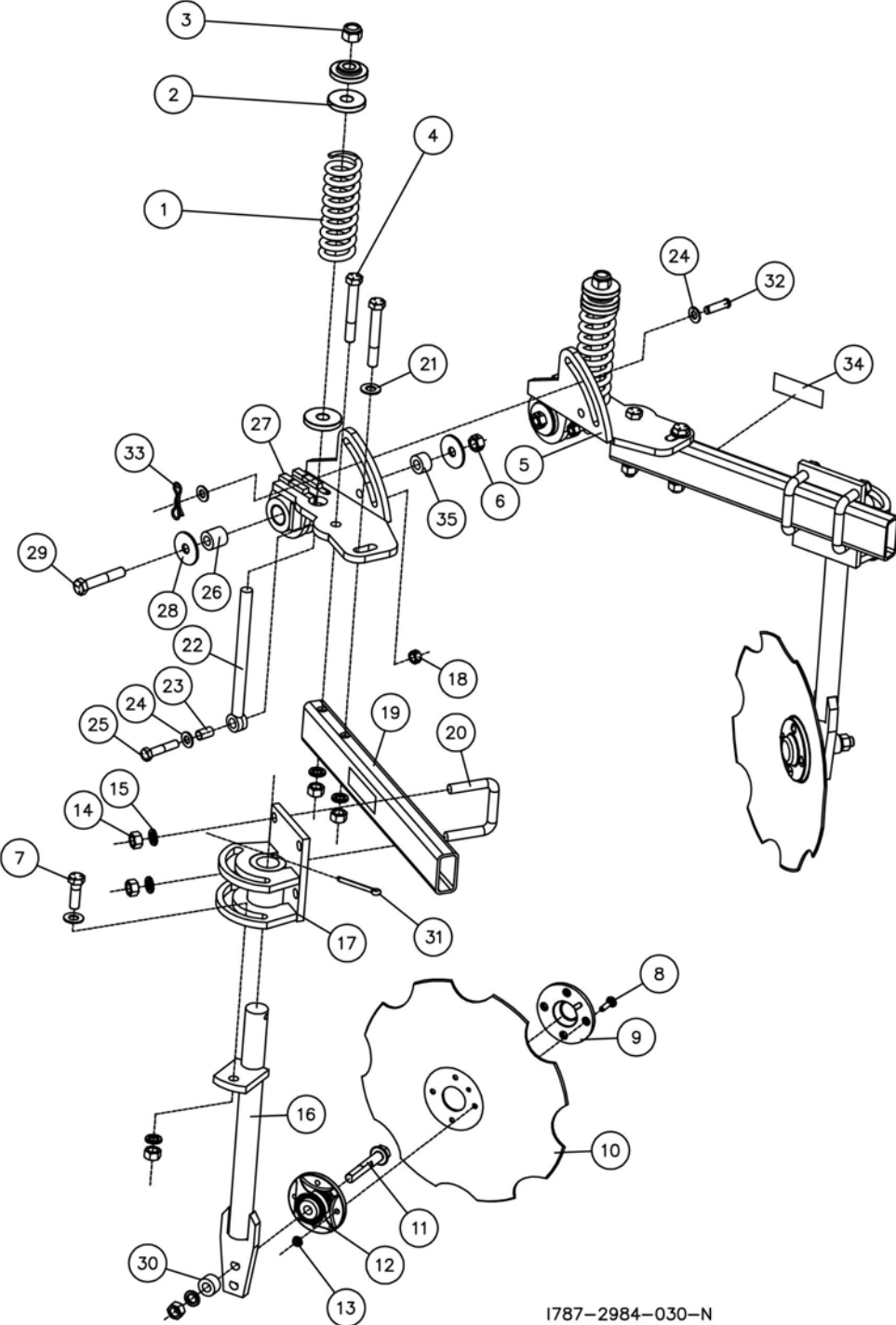
## 2984-028-ST

| DET | QTY | PART NO.    | DESCRIPTION                    |
|-----|-----|-------------|--------------------------------|
| 1   | 1   | 2984-222    | RM STEM W.A., STRIP TILL       |
| 2   | 1   | 2966-103-ST | SHARKTOOTH ASSEMBLY, L.H.      |
| 3   | 1   | 2966-102-ST | SHARKTOOTH ASSEMBLY, R.H.      |
| 4   | 2   | 2520-452    | 5/8-11 HEXNUT ZP               |
| 5   | 2   | 2525-451    | 5/8 MED LOCKWASHER ZP          |
| 6   | 2   | 2967-336    | R.M. SHIELD, PAINTED, W. HOLE  |
| 7   | 2   | 2967-302    | SPACER, 3/4" ZYD               |
| 8   | 1   | 2965-305    | PIN, FURROWING ATTACHMENT ZYD  |
| 9   | 1   | 2570-448    | .120 BOWTIE LOCKING COTTER ZYD |



# PARTS IDENTIFICATION

2984-030-N



1787-2984-030-N

# PARTS IDENTIFICATION

2984-030-N

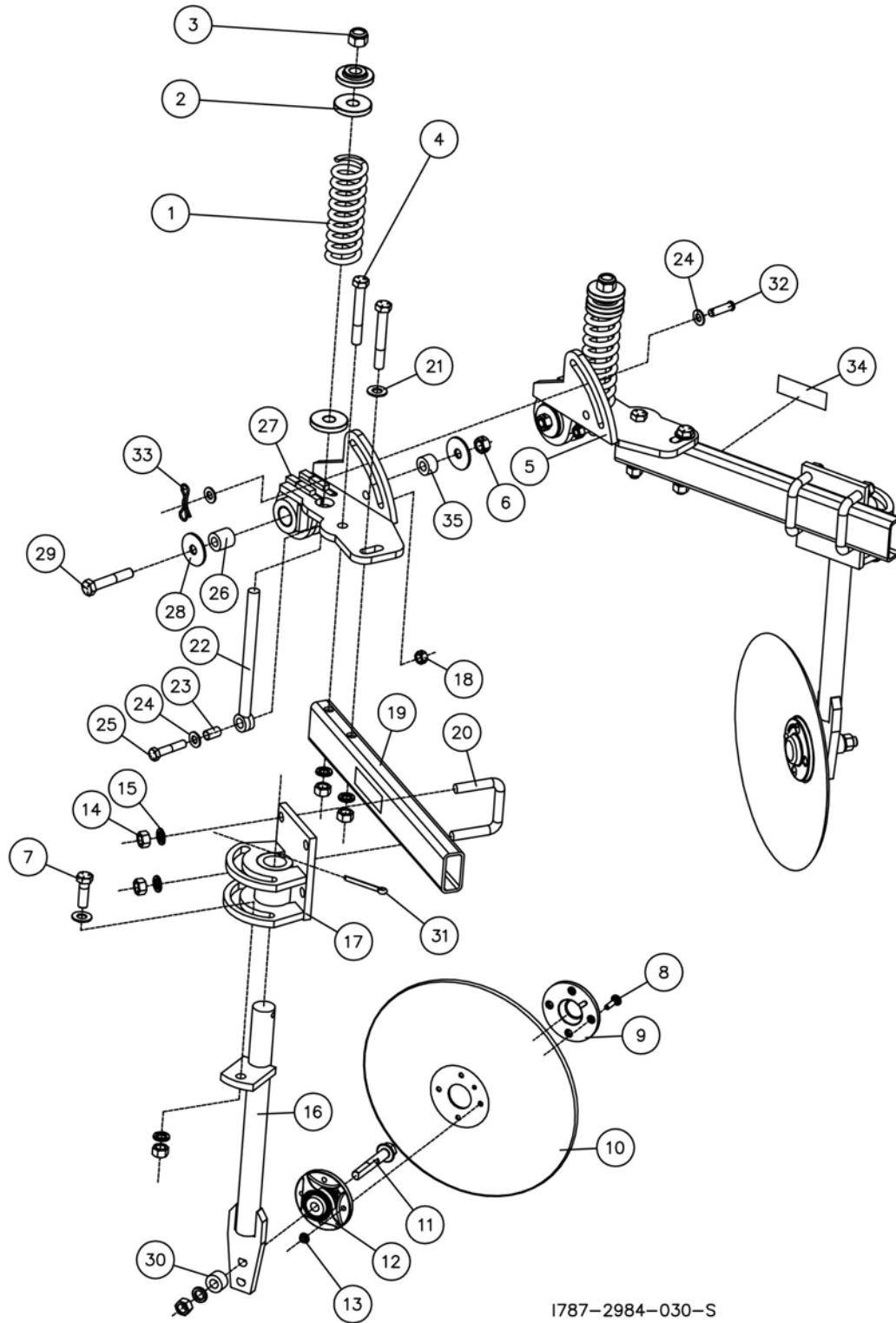
| DET | QTY | PART NO.      | DESCRIPTION                       |
|-----|-----|---------------|-----------------------------------|
| 1   | 2   | 2920-350      | COMPRESSION SPRING                |
| 2   | 6   | 2975-302      | SPRING BUSHING                    |
| 3   | 2   | 2520-516      | 3/4-10NYLON INSERT LCKNT ZP       |
| 4   | 4   | 2502-334      | 5/8-11 X 4-1/2 HHCS GR5 ZP        |
| 5   | 1   | 2984-126-R    | RH SEALER PIVOT ASSEMBLY          |
| 6   | 2   | 2520-464      | 5/8-11 WHIZLOCK HEX NUT ZP        |
| 7   | 2   | 2502-391      | 5/8-11 X 2 HHCS GR 5 ZP           |
| 8   | 8   | 2505-207      | 5/16-18 X 1 1/4CARBLT G5 Z        |
| 9   | 2   | 2965-352-DISC | HUB CAP, 4 BOLT                   |
| 10  | 2   | 2571-187      | 16" NOTCHED SEALER BLADE          |
| 11  | 2   | 2570-742      | 5/8-11 X 4"D BOLT GR8 ZYD         |
| 12  | 2   | 2965-128      | HUB AND BEARING ASS'Y.,4 BOLT     |
|     |     | 2550-069      | SEAL                              |
|     |     | 2570-594      | BEARING                           |
|     |     | 2570-715      | INSERT                            |
|     |     | 2965-351      | HUB                               |
|     |     | 2533-110      | ZERK                              |
| 13  | 8   | 2520-206      | 5/16-18 FLANGE LOCK NUT           |
| 14  | 16  | 2520-452      | 5/8-11 HEXNUT ZP                  |
| 15  | 16  | 2525-451      | 5/8 MED LOCKWASHER ZP             |
| 16  | 2   | 2984-223      | DISC SHANK W.A.                   |
| 17  | 2   | 2984-216      | DISC MOUNT W.A.                   |
| 18  | 2   | 2520-357      | 1/2-13 LOCK HEX NUT ZP            |
| 19  | 2   | 2984-378      | SWING ARM                         |
| 20  | 4   | 2570-563      | U-BOLT, 5/8-11 X 3 X 3 ZYD        |
| 21  | 4   | 2526-453      | 5/8 SAE FLATWASHER ZP             |
| 22  | 2   | 2570-126      | 3/4" DIA. EYEBOLT, 5/8" EYE, ZP   |
| 23  | 2   | 2984-394      | BUSHING, PIVOT                    |
| 24  | 4   | 2526-352      | 1/2 SAE FLATWASHER ZP             |
| 25  | 2   | 2502-296      | 1/2-13 X 2-1/2 HHCS GR5 ZP        |
| 26  | 2   | 2984-397      | SEALER INNER PIVOT BUSHING        |
| 27  | 1   | 2984-126-L    | LH SEALER PIVOT ASSEMBLY          |
| 28  | 4   | 2527-531      | 21/32ID X 2 1/4OD X 10GA MB ZP    |
| 29  | 2   | 2502-326      | 5/8-11 X 3-1/2 HHCS GR8 ZP        |
| 30  | 2   | 2967-302      | SPACER, 3/4" ZYD                  |
| 31  | 2   | 2531-161      | 5/16 X 2-1/2 COTTER PIN ZP        |
| 32  | 1   | 2984-399      | CLEVIS PIN                        |
| 33  | 1   | 2570-448      | .120BOWTIE LCKING COTT ZYD        |
| 34  | 4   | 2565-162      | YETTER DECAL, 1-1/2 X 4-1/2       |
| 35  | 2   | 2984-424      | SEALER INNER PIVOT BUSHING, SHORT |
| 36  | 4   | 2527-562      | HARDENED 5/8 FLATWASHER           |

10/20/16

1787-2984-030-N

# PARTS IDENTIFICATION

2984-030-S



1787-2984-030-S

# PARTS IDENTIFICATION

## 2984-030-S

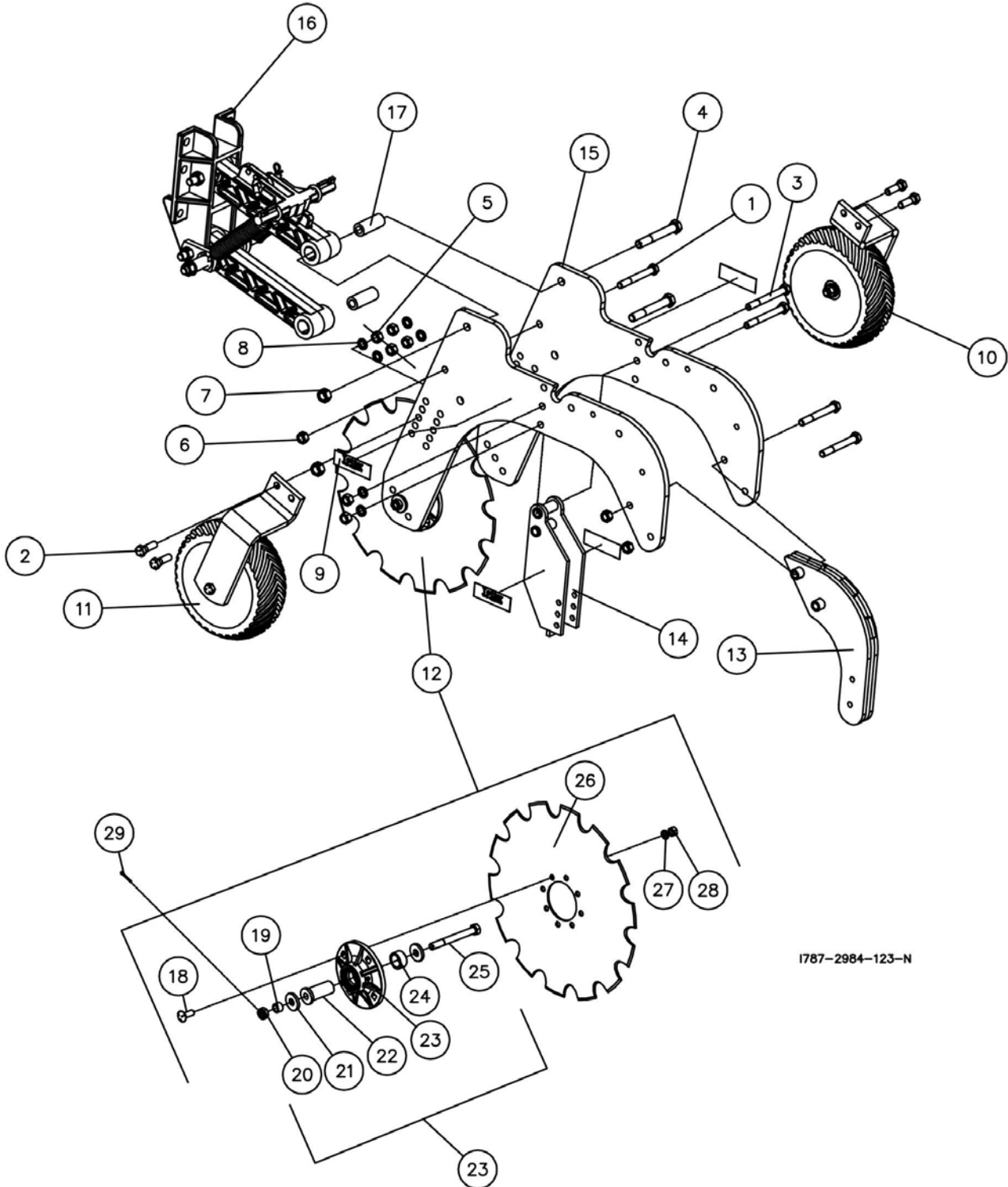
| DET | QTY | PART NO.      | DESCRIPTION                       |
|-----|-----|---------------|-----------------------------------|
| 1   | 2   | 2920-350      | COMPRESSION SPRING                |
| 2   | 6   | 2975-302      | SPRING BUSHING                    |
| 3   | 2   | 2520-516      | 3/4-10NYLON INSERT LCKNT ZP       |
| 4   | 4   | 2502-334      | 5/8-11 X 4-1/2 HHCS GR5 ZP        |
| 5   | 1   | 2984-126-R    | RH SEALER PIVOT ASSEMBLY          |
| 6   | 2   | 2520-464      | 5/8-11 WHIZLOCK HEX NUT ZP        |
| 7   | 2   | 2502-391      | 5/8-11 X 2 HHCS GR 5 ZP           |
| 8   | 8   | 2505-207      | 5/16-18 X 1 1/4CARBLT G5 Z        |
| 9   | 2   | 2965-352-DISC | HUB CAP, 4 BOLT                   |
| 10  | 2   | 2571-173      | DISC, .138 GA. X 16", 4 BOLT      |
| 11  | 2   | 2570-742      | 5/8-11 X 4"D'BOLT GR8 ZYD         |
| 12  | 2   | 2965-128      | HUB AND BEARING ASS'Y.,4 BOLT     |
|     |     | 2550-069      | SEAL                              |
|     |     | 2570-594      | BEARING                           |
|     |     | 2570-715      | INSERT                            |
|     |     | 2965-351      | HUB                               |
|     |     | 2533-110      | ZERK                              |
| 13  | 8   | 2520-206      | 5/16-18 FLANGE LOCK NUT           |
| 14  | 16  | 2520-452      | 5/8-11 HEXNUT ZP                  |
| 15  | 16  | 2525-451      | 5/8 MED LOCKWASHER ZP             |
| 16  | 2   | 2984-223      | DISC SHANK W.A.                   |
| 17  | 2   | 2984-216      | DISC MOUNT W.A.                   |
| 18  | 2   | 2520-357      | 1/2-13 LOCK HEX NUT ZP            |
| 19  | 2   | 2984-378      | SWING ARM                         |
| 20  | 4   | 2570-563      | U-BOLT, 5/8-11 X 3 X 3 ZYD        |
| 21  | 4   | 2526-453      | 5/8 SAE FLATWASHER ZP             |
| 22  | 2   | 2570-126      | 3/4" DIA. EYEBOLT, 5/8" EYE, ZP   |
| 23  | 2   | 2984-394      | BUSHING, PIVOT                    |
| 24  | 4   | 2526-352      | 1/2 SAE FLATWASHER ZP             |
| 25  | 2   | 2502-296      | 1/2-13 X 2-1/2 HHCS GR5 ZP        |
| 26  | 2   | 2984-397      | SEALER INNER PIVOT BUSHING        |
| 27  | 1   | 2984-126-L    | LH SEALER PIVOT ASSEMBLY          |
| 28  | 4   | 2527-531      | 21/32ID X 2 1/4OD X 10GA MB ZP    |
| 29  | 2   | 2502-326      | 5/8-11 X 3-1/2 HHCS GR8 ZP        |
| 30  | 2   | 2967-302      | SPACER, 3/4" ZYD                  |
| 31  | 2   | 2531-161      | 5/16 X 2-1/2 COTTER PIN ZP        |
| 32  | 1   | 2984-399      | CLEVIS PIN                        |
| 33  | 1   | 2570-448      | .120BOWTIE LCKING COTT ZYD        |
| 34  | 4   | 2565-162      | YETTER DECAL, 1-1/2 X 4-1/2       |
| 35  | 2   | 2984-424      | SEALER INNER PIVOT BUSHING, SHORT |

10/20/16

I787-2984-030-S

# PARTS IDENTIFICATION

2984-123-N (SHOWN)  
2984-123-S



1787-2984-123-N

MANUFACTURED 01/2011 – 07/2017



## PARTS IDENTIFICATION

2984-123-N  
2984-123-S

STRIP TILL ASSEMBLY, NOTCHED BLADE (SHOWN)

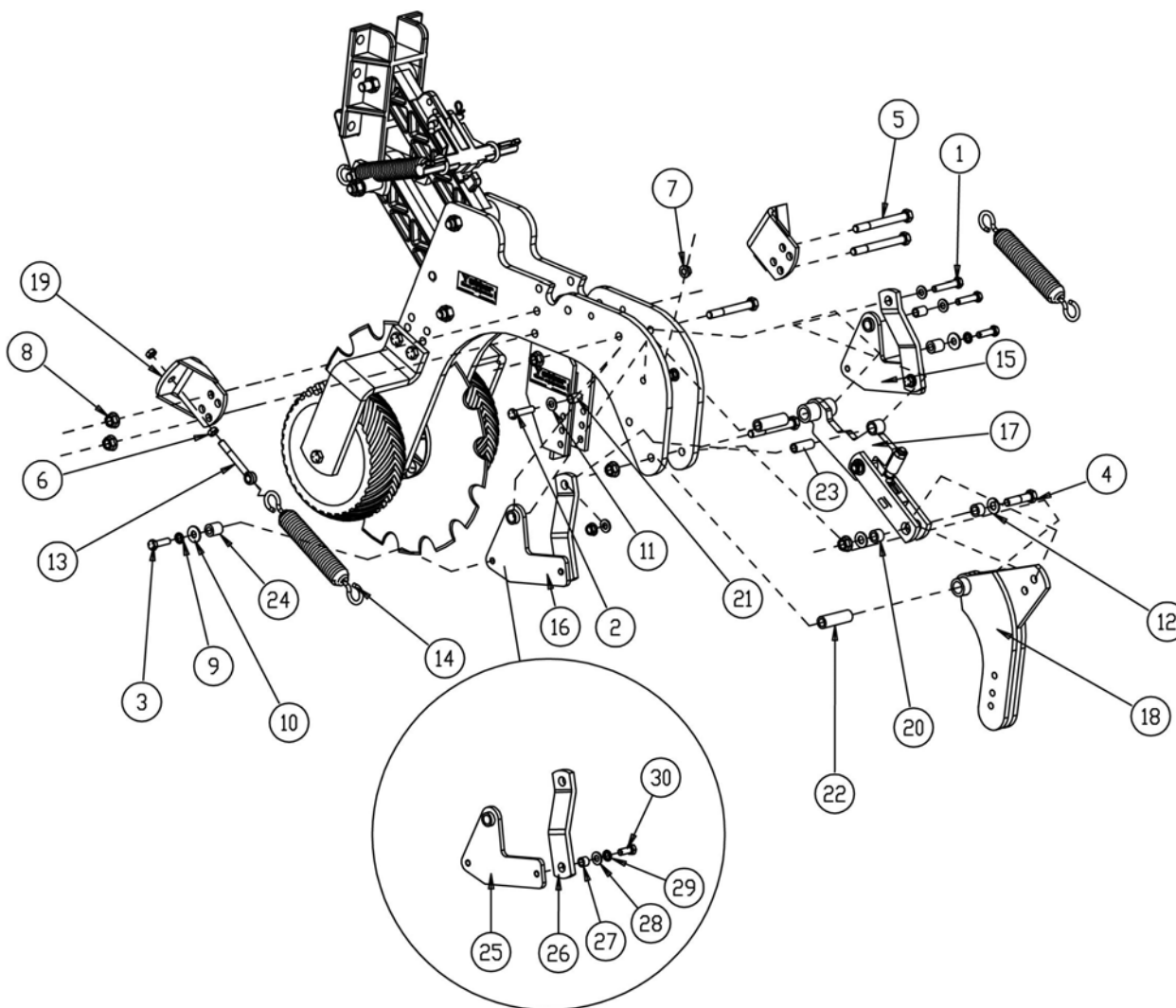
| DET | QTY | PART NO. | DESCRIPTION                    |
|-----|-----|----------|--------------------------------|
| 1   | 3   | 2502-327 | 5/8-11 X 5 HHCS GR.5 ZP        |
| 2   | 4   | 2502-391 | 5/8-11 X 2 HHCS GR 5 ZP        |
| 3   | 2   | 2502-397 | 5/8-11 X 5 1/2 HHCS GR5 YD     |
| 4   | 2   | 2502-508 | 3/4-10 X 5-1/2 HHCS GR5ZYD     |
| 5   | 6   | 2520-452 | 5/8-11 HEXNUT ZP               |
| 6   | 3   | 2520-459 | 5/8-11 LOCK HEX NUT ZP         |
| 7   | 2   | 2520-515 | 3/4-10 LOCK HEX NUT ZP         |
| 8   | 6   | 2525-451 | 5/8 MED. LOCKWASHER ZP.        |
| 9   | 4   | 2565-162 | YETTER DECAL, 1-1/2 X 4-1/2    |
| 10  | 1   | 2984-136 | RH GAUGE WHEEL ASSEMBLY        |
| 11  | 1   | 2984-137 | LH GAUGE WHEEL ASSEMBLY        |
| 12  | 1   | 2984-140 | 20" NOTCHED BLADE & HUB ASS'Y  |
| 13  | 1   | 2984-218 | KNIFE MOUNT W.A.               |
| 14  | 1   | 2984-219 | RESIDUE MANAGER MOUNT W.A.     |
| 15  | 2   | 2984-367 | STRIP TILL ARM                 |
| 16  | 1   | 3000-149 | PARALLEL ARM ASSEMBLY '09      |
| 17  | 2   | 3000-408 | INNER BUSHING,MAV LINKAGE ZYD. |
| 18  | 4   | 2505-339 | 1/2-13 X 1-1/2 CARBLT G5ZP     |
| 19  | 1   | 6000-335 | 9/16" BUSHING                  |
| 20  | 1   | 2520-469 | 5/8-18 SHN GR2                 |
| 21  | 2   | 2526-449 | 5/8FLATWASHER1/4+- .010 THK    |
| 22  | 1   | 2960-393 | HUB INSERT                     |
| 23  | 1   | 2984-107 | HUB SUB ASSEMBLY, MAVERICK     |
| 24  | 1   | 2960-394 | SEAL SPACER                    |
| 25  | 1   | 3000-410 | 5/8-18 X 5-1/2 SPINDLE BLT ZYD |
| 26  | 1   | 2571-198 | .157X20"MULTI HOLE NOTCH BLADE |
|     | 1   | 2571-178 | .25X20 STRAIGHT BLADE W/SQHOLE |
| 27  | 4   | 2525-352 | 1/2 MED LOCKWASHER ZP.         |
| 28  | 4   | 2520-352 | 1/2-13 HEX NUT ZP              |
| 29  | 1   | 2531-108 | 5/32 X 1-1/4 COTTER PIN BLACK  |

MANUFACTURED 01/2011 – 07/2017

# PARTS IDENTIFICATION

2984-123-N-RT

STRIP TILL ASSY, NOTCHED BLADE, ROCK TRIP



MANUFACTURED 01/2011 – 07/2017

# PARTS IDENTIFICATION

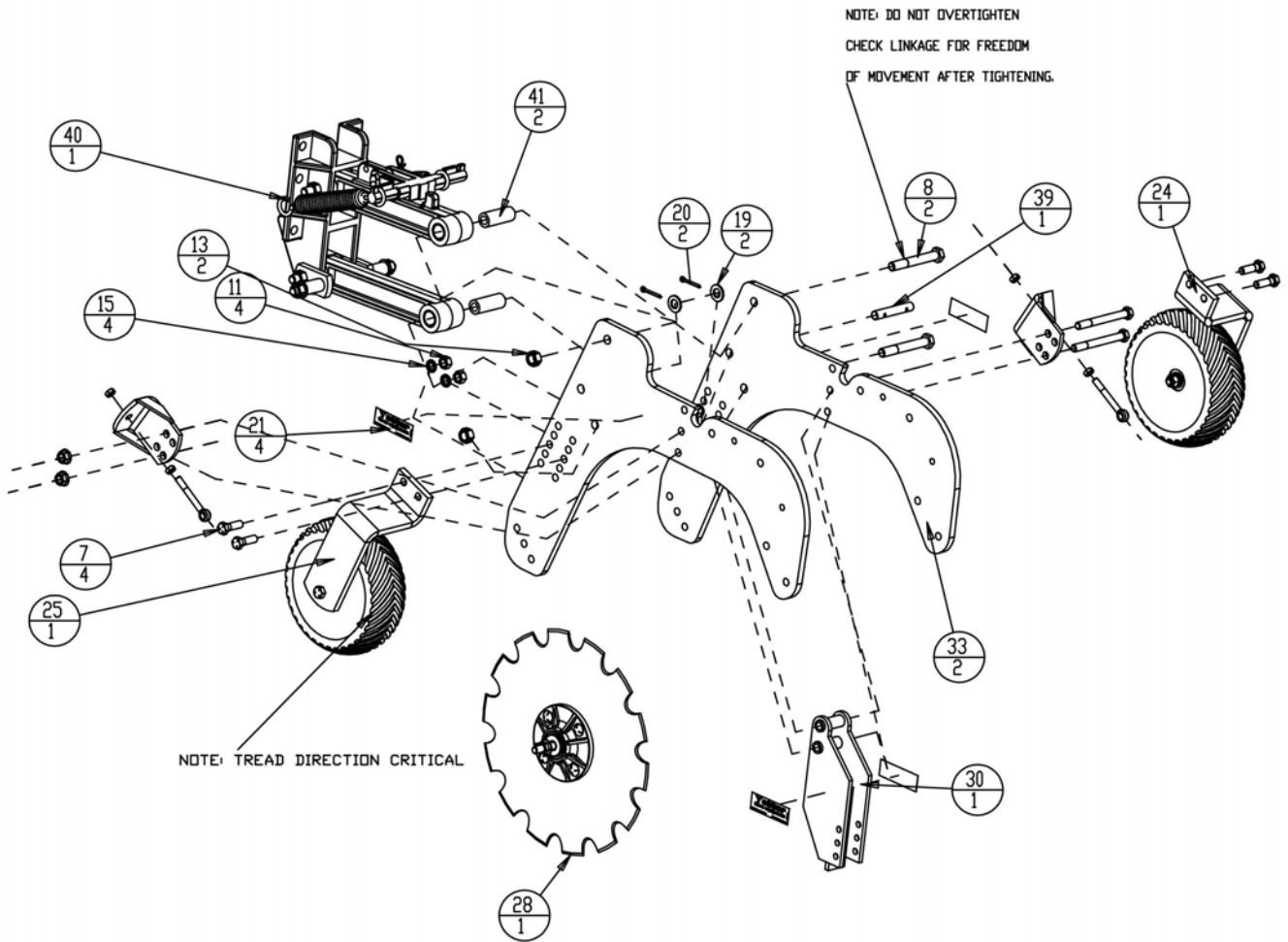
2984-123-N-RT

| ITEM | PART NO. | DESCRIPTION                        | QTY |
|------|----------|------------------------------------|-----|
| 1    | 2502-295 | 1/2-13 X 2-3/4 HHCS GR5 ZP         | 1   |
| 2    | 2502-314 | 1/2-13 X 2-1/4" GRADE 5 HHCS ZYD   | 2   |
| 3    | 2502-317 | 1/2-13 X 1-3/4 HHCS GR5 ZP         | 2   |
| 4    | 2502-323 | 5/8-11 X 2-3/4 HHCS GR 5 ZP        | 1   |
| 5    | 2502-335 | 5/8-11 X 6 HHCS GR. 5 ZP           | 2   |
| 6    | 2520-356 | 1/2-13 JAM HEX NUT ZP              | 4   |
| 7    | 2520-361 | 1/2-13FLANGE WHZLCK HXNT, GR 5, ZP | 3   |
| 8    | 2520-464 | 5/8-11 WHIZLOCK HEX NUT, GR 2, ZP  | 5   |
| 9    | 2525-352 | 1/2 MED LOCKWASHER ZP.             | 2   |
| 10   | 2526-351 | 1/2 STANDARD FLATWASHER ZP         | 2   |
| 11   | 2526-352 | 1/2 SAE FLATWASHER ZP              | 4   |
| 12   | 2526-453 | 5/8 SAE FLATWASHER                 | 2   |
| 13   | 2570-447 | EYEBOLT, 1/2-13 X 4-1/4            | 2   |
| 14   | 2960-373 | EXT SPRING 1 5/8ODD X .262 BLK     | 2   |
| 15   | 2984-138 | SPRING ARM SUB-ASS'Y, RH           | 1   |
| 16   | 2984-139 | SPRING ARM SUB-ASS'Y, LH           | 1   |
| 17   | 2984-141 | TRIP BODY SUB-ASS'Y                | 1   |
| 18   | 2984-224 | KNIFE TRIP MOUNT W.A.              | 1   |
| 19   | 2984-228 | SPRING ANCHOR W.A.                 | 2   |
| 20   | 2984-401 | REAR PIVOT BUSHING,FLT LNK,ZYD     | 2   |
| 21   | 2984-413 | SPRING ARM PIVOT BUSHING, ZYD      | 2   |
| 22   | 2984-415 | KNIFE ARM PVT SLEEVE, ZYD          | 2   |
| 23   | 2984-418 | LONG PVT BUSHING, OFFSET, ZYD      | 1   |
| 24   | 2984-419 | SPRING ANCHOR BUSHING, ZYD         | 2   |
| 25   | 2984-226 | SPRING ARM W.A., L.H. (SHOWN)      | 1   |
|      | 2984-227 | SPRING ARM W.A., R.H.              | 1   |
| 26   | 2984-406 | OFFSET LINK                        | 1   |
| 27   | 2984-414 | SHORT PIVOT BUSHING,OFFSET,ZYD     | 1   |
| 28   | 2526-352 | 1/2 SAE FLATWASHER, ZP             | 1   |
| 29   | 2525-352 | 1/2 MED LOCKWASHER, ZP             | 1   |
| 30   | 2502-293 | 1/2-13 X 1-1/4 HHCS GR 5 ZP        | 1   |

MANUFACTURED 01/2011 – 07/2017

# PARTS IDENTIFICATION

2984-123-N-RT ASSEMBLY 1



MANUFACTURED 08/2017 – PRESENT

## PARTS IDENTIFICATION

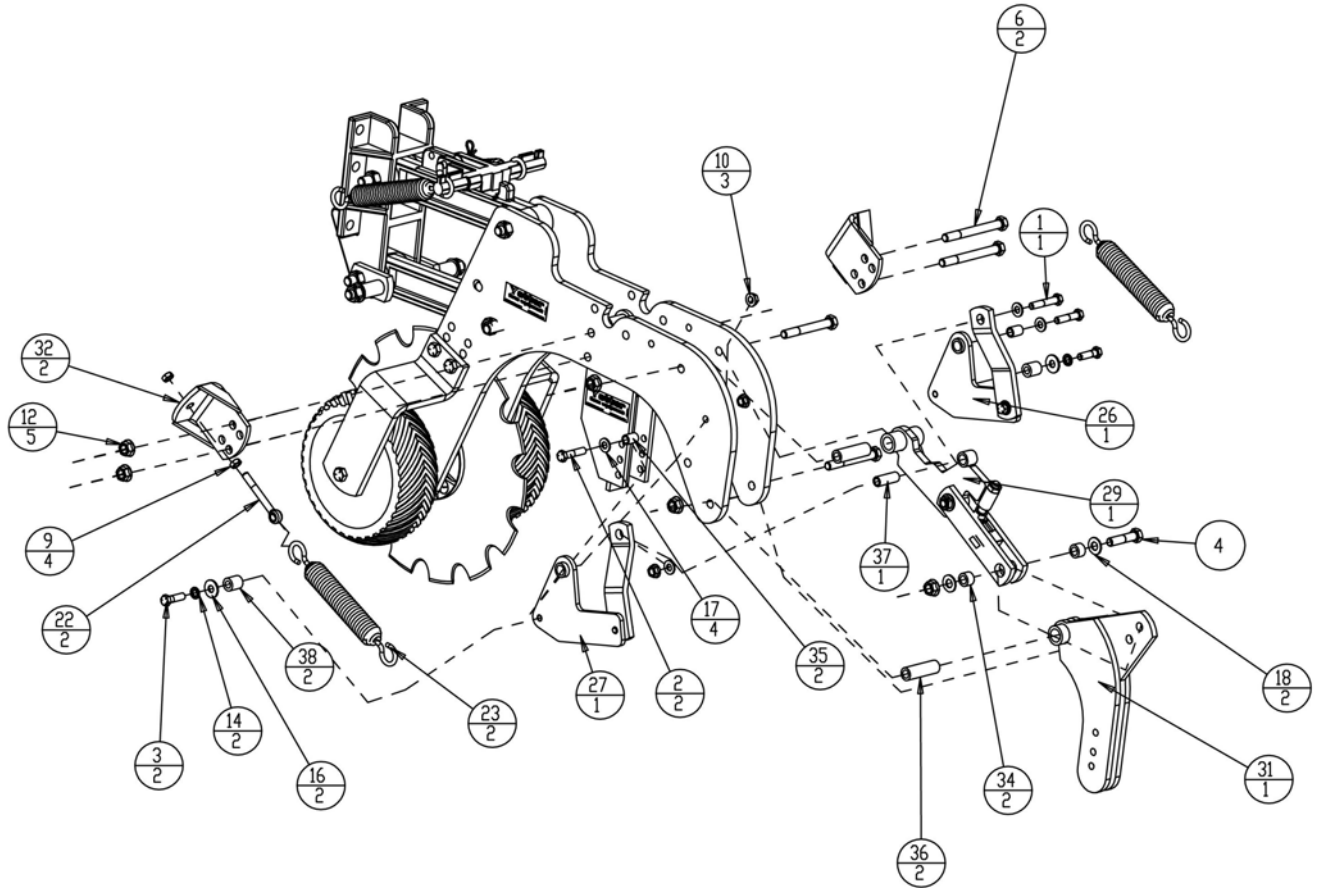
2984-123-N-RT ASSEMBLY 1

| ITEM | PART NO. | DESCRIPTION                        | QTY |
|------|----------|------------------------------------|-----|
| 1    | 2502-295 | 1/2-13 X 2-3/4 HHCS GR5 ZP         | 1   |
| 2    | 2502-314 | 1/2-13 X 2-1/4' GRADE 5 HHCS ZP    | 2   |
| 3    | 2502-317 | 1/2-13 X 1-3/4 HHCS GR5 ZP         | 2   |
| 4    | 2502-323 | 5/8-11 X 2-3/4 HHCS GR 5 ZP        | 1   |
| 5    | 2502-327 | 5/8-11 X 5 HHCS GR.5 ZP            | 2   |
| 6    | 2502-335 | 5/8-11 X 6 HHCS GR. 5 ZP           | 2   |
| 7    | 2502-391 | 5/8-11 X 2 HHCS GR 5 ZP            | 4   |
| 8    | 2502-508 | 3/4-10 X 5-1/2 HHCS GR5ZYD         | 2   |
| 9    | 2520-356 | 1/2-13 JAM HEX NUT ZP              | 4   |
| 10   | 2520-361 | 1/2-13FLANGE WHZLCK HXNT, GR 5, ZP | 3   |
| 11   | 2520-452 | 5/8-11 HEXNUT ZP                   | 4   |
| 12   | 2520-464 | 5/8-11 WHIZLOCK HEX NUT, GR 2, ZP  | 5   |
| 13   | 2520-515 | 3/4-10 LOCK HEX NUT, GR A, ZP      | 2   |
| 14   | 2525-352 | 1/2 MED LOCKWASHER ZP.             | 2   |
| 15   | 2525-451 | 5/8 MED. LOCKWASHER ZP.            | 4   |
| 16   | 2526-351 | 1/2 STANDARD FLATWASHER ZP         | 2   |
| 17   | 2526-352 | 1/2 SAE FLATWASHER ZP              | 4   |
| 18   | 2526-453 | 5/8 SAE FLATWASHER ZP              | 2   |
| 19   | 2526-504 | 3/4 SAE FLATWASHER, ZP             | 2   |
| 20   | 2531-125 | 1/4 X 1-3/4 COTTER PIN ZP          | 2   |
| 21   | 2565-162 | YETTER DECAL, 1-1/2 X 4-1/2        | 4   |
| 22   | 2570-447 | EYEBOLT, 1/2-13 X 4-1/4, ZP        | 2   |
| 23   | 2960-373 | EXT SPRING 1 5/8ODD X .262 BLK     | 2   |
| 24   | 2984-136 | RH GAUGE WHEEL ASSEMBLY            | 1   |
| 25   | 2984-137 | LH GAUGE WHEEL ASSEMBLY            | 1   |
| 26   | 2984-138 | Spring Arm Sub-Ass'y, RH           | 1   |
| 27   | 2984-139 | SPRING ARM SUB-ASS'Y, LH           | 1   |
| 28   | 2984-140 | 20' NOTCHED BLADE & HUB ASS'Y      | 1   |
| 29   | 2984-141 | TRIP BODY SUB-ASS'Y                | 1   |
| 30   | 2984-219 | RESIDUE MANAGER MOUNT W.A.         | 1   |
| 31   | 2984-224 | KNIFE TRIP MOUNT W.A.              | 1   |
| 32   | 2984-228 | SPRING ANCHOR W.A.                 | 2   |
| 33   | 2984-367 | STRIP TILL ARM                     | 2   |
| 34   | 2984-401 | REAR PIVOT BUSHING,FLT LNK,ZYD     | 2   |
| 35   | 2984-413 | SPRING ARM PIVOT BUSHING, ZYD      | 2   |
| 36   | 2984-415 | KNIFE ARM PVT SLEEVE, ZYD          | 2   |
| 37   | 2984-418 | LONG PVT BUSHING, OFFSET, ZYD      | 1   |
| 38   | 2984-419 | SPRING ANCHOR BUSHING, ZYD         | 2   |
| 39   | 2984-454 | DOWNSTOP PIN, ZP                   | 1   |
| 40   | 3000-149 | PARALLEL ARM ASSEMBLY '09          | 1   |
| 41   | 3000-408 | INNER BUSHING,MAV LINKAGE ZYD.     | 2   |

MANUFACTURED 08/2017 – PRESENT

# PARTS IDENTIFICATION

2984-123-N-RT ASSEMBLY 2



MANUFACTURED 08/2017 – PRESENT

## PARTS IDENTIFICATION

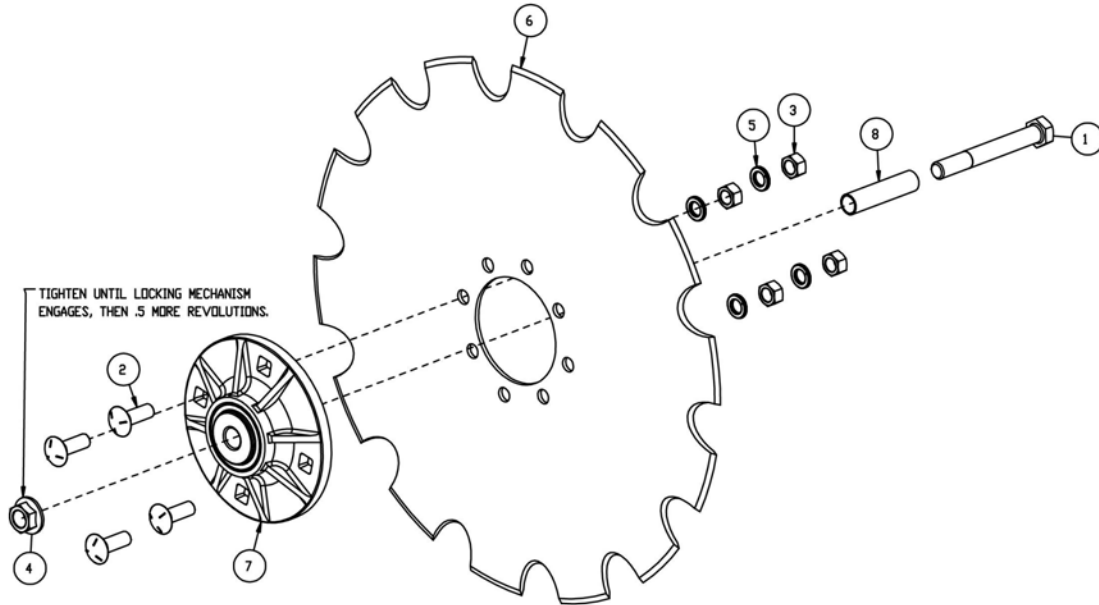
2984-123-N-RT ASSEMBLY 2

| ITEM | PART NO. | DESCRIPTION                        | QTY |
|------|----------|------------------------------------|-----|
| 1    | 2502-295 | 1/2-13 X 2-3/4 HHCS GR5 ZP         | 1   |
| 2    | 2502-314 | 1/2-13 X 2-1/4' GRADE 5 HHCS ZP    | 2   |
| 3    | 2502-317 | 1/2-13 X 1-3/4 HHCS GR5 ZP         | 2   |
| 4    | 2502-323 | 5/8-11 X 2-3/4 HHCS GR 5 ZP        | 1   |
| 5    | 2502-327 | 5/8-11 X 5 HHCS GR.5 ZP            | 2   |
| 6    | 2502-335 | 5/8-11 X 6 HHCS GR. 5 ZP           | 2   |
| 7    | 2502-391 | 5/8-11 X 2 HHCS GR 5 ZP            | 4   |
| 8    | 2502-508 | 3/4-10 X 5-1/2 HHCS GR5ZYD         | 2   |
| 9    | 2520-356 | 1/2-13 JAM HEX NUT ZP              | 4   |
| 10   | 2520-361 | 1/2-13FLANGE WHZLCK HXNT, GR 5, ZP | 3   |
| 11   | 2520-452 | 5/8-11 HEXNUT ZP                   | 4   |
| 12   | 2520-464 | 5/8-11 WHIZLOCK HEX NUT, GR 2, ZP  | 5   |
| 13   | 2520-515 | 3/4-10 LOCK HEX NUT, GR A, ZP      | 2   |
| 14   | 2525-352 | 1/2 MED LOCKWASHER ZP.             | 2   |
| 15   | 2525-451 | 5/8 MED. LOCKWASHER ZP.            | 4   |
| 16   | 2526-351 | 1/2 STANDARD FLATWASHER ZP         | 2   |
| 17   | 2526-352 | 1/2 SAE FLATWASHER ZP              | 4   |
| 18   | 2526-453 | 5/8 SAE FLATWASHER                 | 2   |
| 19   | 2526-504 | 3/4 SAE FLATWASHER, ZP             | 2   |
| 20   | 2531-125 | 1/4 X 1-3/4 COTTER PIN ZP          | 2   |
| 21   | 2565-162 | YETTER DECAL, 1-1/2 X 4-1/2        | 4   |
| 22   | 2570-447 | EYEBOLT, 1/2-13 X 4-1/4, ZP        | 2   |
| 23   | 2960-373 | EXT SPRING 1 5/8ODD X .262 BLK     | 2   |
| 24   | 2984-136 | RH GAUGE WHEEL ASSEMBLY            | 1   |
| 25   | 2984-137 | LH GAUGE WHEEL ASSEMBLY            | 1   |
| 26   | 2984-138 | Spring Arm Sub-Ass'y, RH           | 1   |
| 27   | 2984-139 | SPRING ARM SUB-ASS'Y, LH           | 1   |
| 28   | 2984-140 | 20" NOTCHED BLADE & HUB ASS'Y      | 1   |
| 29   | 2984-141 | TRIP BODY SUB-ASS'Y                | 1   |
| 30   | 2984-219 | RESIDUE MANAGER MOUNT W.A.         | 1   |
| 31   | 2984-224 | KNIFE TRIP MOUNT W.A.              | 1   |
| 32   | 2984-228 | SPRING ANCHOR W.A.                 | 2   |
| 33   | 2984-367 | STRIP TILL ARM                     | 2   |
| 34   | 2984-401 | REAR PIVOT BUSHING,FLT LNK,ZYD     | 2   |
| 35   | 2984-413 | SPRING ARM PIVOT BUSHING, ZYD      | 2   |
| 36   | 2984-415 | KNIFE ARM PVT SLEEVE, ZYD          | 2   |
| 37   | 2984-418 | LONG PVT BUSHING, OFFSET, ZYD      | 1   |
| 38   | 2984-419 | SPRING ANCHOR BUSHING, ZYD         | 2   |
| 39   | 2984-454 | DOWNSTOP PIN, ZP                   | 1   |
| 40   | 3000-149 | PARALLEL ARM ASSEMBLY '09          | 1   |
| 41   | 3000-408 | INNER BUSHING,MAV LINKAGE ZYD.     | 2   |

MANUFACTURED 08/2017 – PRESENT

# PARTS IDENTIFICATION

2984-140



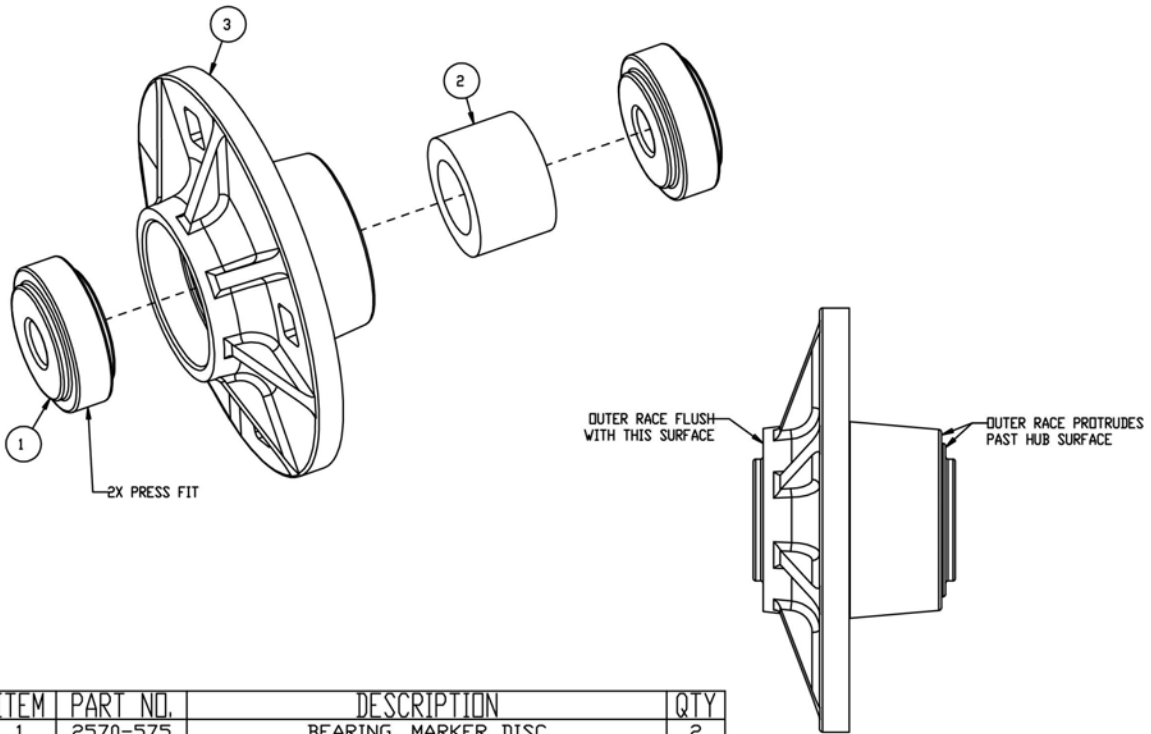
| ITEM | PART NO. | DESCRIPTION  | QTY |
|------|----------|--|-----|
| 1    | 2502-384 | 5/8-11 X 5 HHCS GR8 ZP                             | 1   |
| 2    | 2505-339 | 1/2-13 X 1-1/2 CARBLT G5ZP                         | 4   |
| 3    | 2520-352 | 1/2-13 HEX NUT ZP                                  | 4   |
| 4    | 2520-476 | 5/8-11 HEX FLANGE NUT, PREVAILING-TORQUE, GR C, ZP | 1   |
| 5    | 2525-352 | 1/2 MED LOCKWASHER ZP.                             | 4   |
| 6    | 2571-198 | .157X20*MULTI HOLE NOTCH BLADE                     | 1   |
| 7    | 2984-152 | HUB ASSEMBLY                                       | 1   |
| 8    | 2984-455 | BEARING BORE ADAPTER                               | 1   |

MANUFACTURED 08/2017 – PRESENT



# PARTS IDENTIFICATION

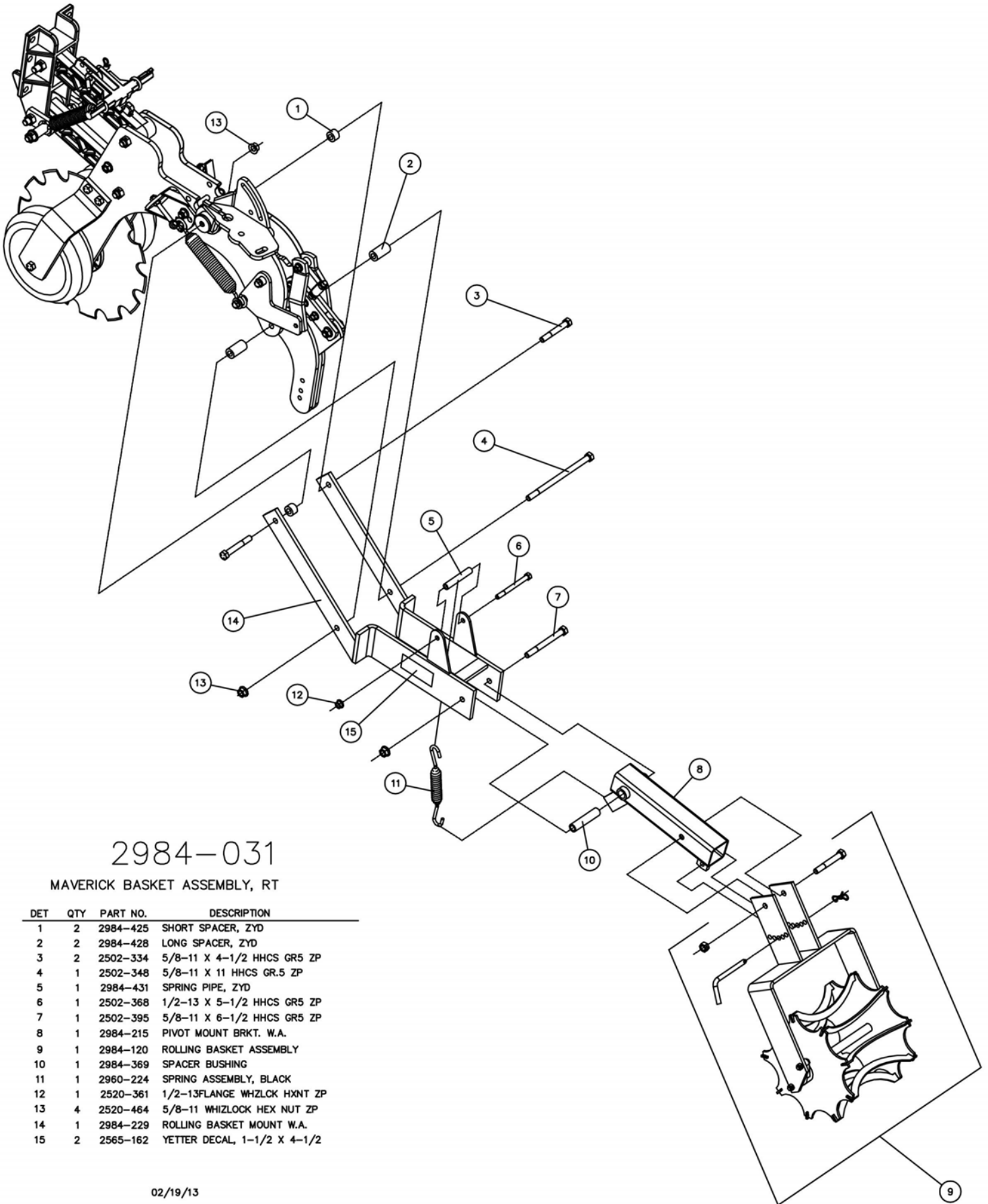
2984-152



| ITEM | PART NO. | DESCRIPTION                   | QTY |
|------|----------|-------------------------------|-----|
| 1    | 2570-575 | BEARING, MARKER DISC          | 2   |
| 2    | 2984-456 | BEARING SPACER                | 1   |
| 3    | 2984-457 | STRIP FRESHENER HUB, MACHINED | 1   |

MANUFACTURED 08/2017 – PRESENT

# PARTS IDENTIFICATION



2984-031

MAVERICK BASKET ASSEMBLY, RT

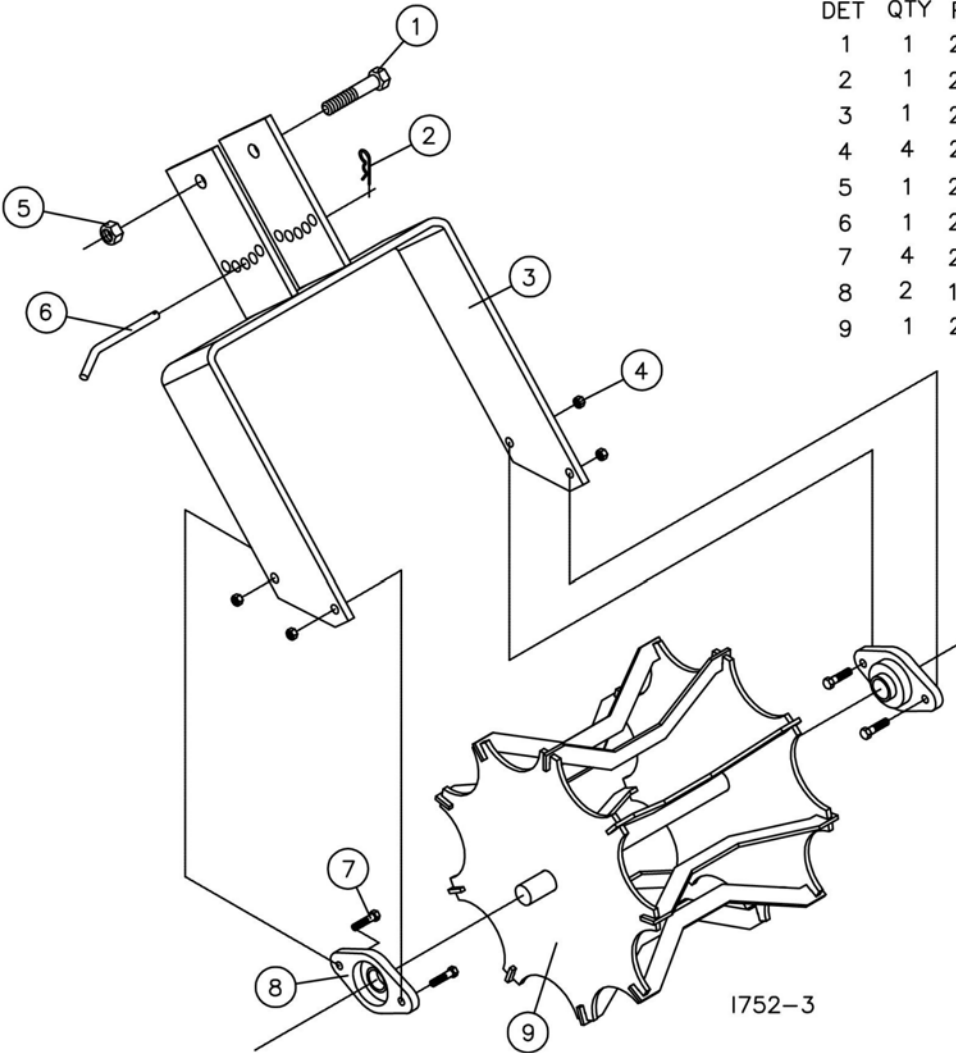
| DET | QTY | PART NO. | DESCRIPTION                 |
|-----|-----|----------|-----------------------------|
| 1   | 2   | 2984-425 | SHORT SPACER, ZYD           |
| 2   | 2   | 2984-428 | LONG SPACER, ZYD            |
| 3   | 2   | 2502-334 | 5/8-11 X 4-1/2 HHCS GR5 ZP  |
| 4   | 1   | 2502-348 | 5/8-11 X 11 HHCS GR.5 ZP    |
| 5   | 1   | 2984-431 | SPRING PIPE, ZYD            |
| 6   | 1   | 2502-368 | 1/2-13 X 5-1/2 HHCS GR5 ZP  |
| 7   | 1   | 2502-395 | 5/8-11 X 6-1/2 HHCS GR5 ZP  |
| 8   | 1   | 2984-215 | PIVOT MOUNT BRKT. W.A.      |
| 9   | 1   | 2984-120 | ROLLING BASKET ASSEMBLY     |
| 10  | 1   | 2984-369 | SPACER BUSHING              |
| 11  | 1   | 2960-224 | SPRING ASSEMBLY, BLACK      |
| 12  | 1   | 2520-361 | 1/2-13FLANGE WHZLCK HXNT ZP |
| 13  | 4   | 2520-464 | 5/8-11 WHIZLOCK HEX NUT ZP  |
| 14  | 1   | 2984-229 | ROLLING BASKET MOUNT W.A.   |
| 15  | 2   | 2565-162 | YETTER DECAL, 1-1/2 X 4-1/2 |

02/19/13

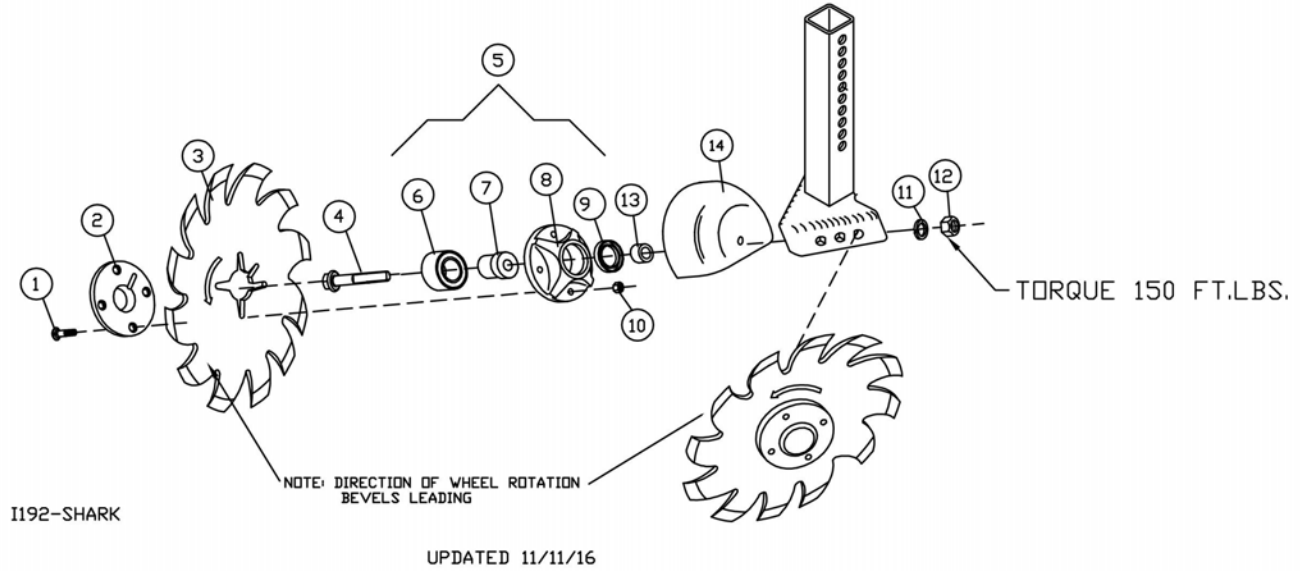
# PARTS IDENTIFICATION

## 2984-120 ROLLING BASKET ASSEMBLY

| DET | QTY | PART NO. | DESCRIPTION              |
|-----|-----|----------|--------------------------|
| 1   | 1   | 2502-334 | 5/8-11 X 4-1/2 HHCS GR5  |
| 2   | 1   | 2570-448 | 1/8 STD HAIRPIN COTTER   |
| 3   | 1   | 2984-212 | R.B. MOUNT, W.A.         |
| 4   | 4   | 2520-267 | 7/16-14 LOCK HEX NUT ZP  |
| 5   | 1   | 2520-459 | 5/8-11 LOCK HEX NUT ZP   |
| 6   | 1   | 2984-320 | PIN, SKID ADJUSTMENT     |
| 7   | 4   | 2502-266 | 7/16-14 X 1-1/2 HHCS GR5 |
| 8   | 2   | 1310-333 | FLANGE MOUNT BEARING     |
| 9   | 1   | 2984-213 | ROLLING BASKET, W.A.     |



# PARTS IDENTIFICATION



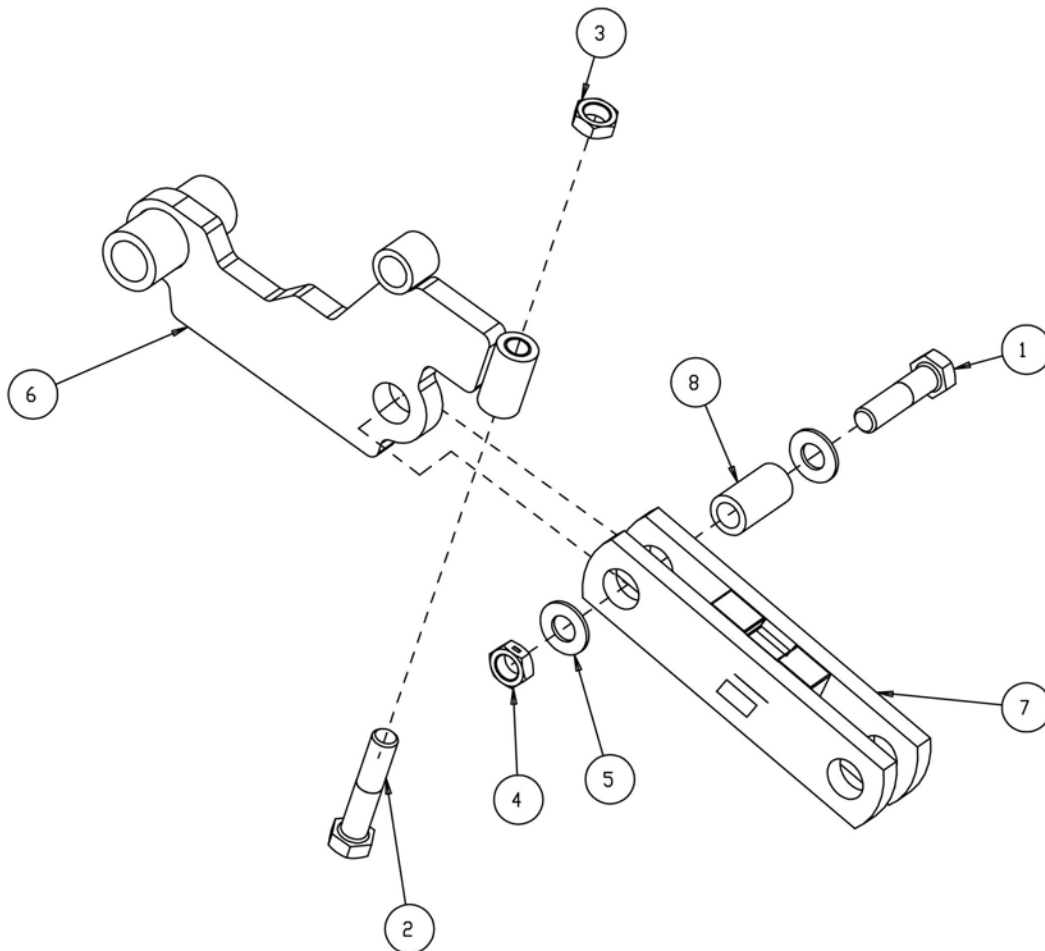
## 2966-102-ST, 2966-103-ST SHARKTOOTH WHEEL ASSEMBLY

|    |   |          |   |                 |
|----|---|----------|---|-----------------|
| 1  | 4 | 2505-208 | 5/16-18 X 1-1/2                                     | CAR. BLT GR5 ZP |
| 2  | 1 | 2965-352 | HUB CAP 4 BOLT                                      |                 |
| 3  | 1 | 2967-602 | 13" SHARK TOOTH WHEEL                               |                 |
| 4  | 1 | 2570-742 | D-BOLT, FLANGE, 5/8-11 X 4" GR. 8                   |                 |
| 5  | 1 | 2965-128 | HUB AND BEARING ASSY., 4 BOLT INCLUDES #6,7, 8, & 9 |                 |
| 6  | 1 | 2570-594 | BEARING, 2 ROW, NTN #DF0654LU                       |                 |
| 7  | 1 | 2570-715 | BEARING INSERT                                      |                 |
| 8  | 1 | 2965-351 | HUB 4 BOLT  |                 |
|    |   | 2533-110 | ZERK  |                 |
| 9  | 1 | 2550-069 | SEAL, CR #13548                                     |                 |
| 10 | 4 | 2520-206 | 5/16-18 FLANGE LOCK NUT                             |                 |
| 11 | 1 | 2525-451 | 5/8 MED. LOCKWASHER ZP                              |                 |
| 12 | 1 | 2520-452 | 5/8-11 HEX NUT ZP                                   |                 |
| 13 | 1 | 2967-302 | SPACER, 3/4", ZYD                                   |                 |
| 14 | 1 | 2967-336 | SHIELD  |                 |

# PARTS IDENTIFICATION

## 2984-141

| ITEM | PART NO. | DESCRIPTION                     | QTY |
|------|----------|---------------------------------|-----|
| 1    | 2502-393 | 5/8-11 X 2 1/2 HHCS GR 5 ZP     | 1   |
| 2    | 2502-399 | 5/8-11 X 3 FL THD HHCS G5 ZYD   | 1   |
| 3    | 2520-453 | 5/8-11 JAM HEX NUT ZP           | 1   |
| 4    | 2520-467 | 5/8-11 HEX LOCKNUT JAM ZP       | 1   |
| 5    | 2526-453 | 5/8 SAE FLATWASHER ZP           | 2   |
| 6    | 2984-225 | TRIP BODY W.A.                  | 1   |
| 7    | 2984-239 | FLAT LINK W.A.                  | 1   |
| 8    | 2984-411 | FRONT PVT BUSHING, FLT LNK, ZYD | 1   |

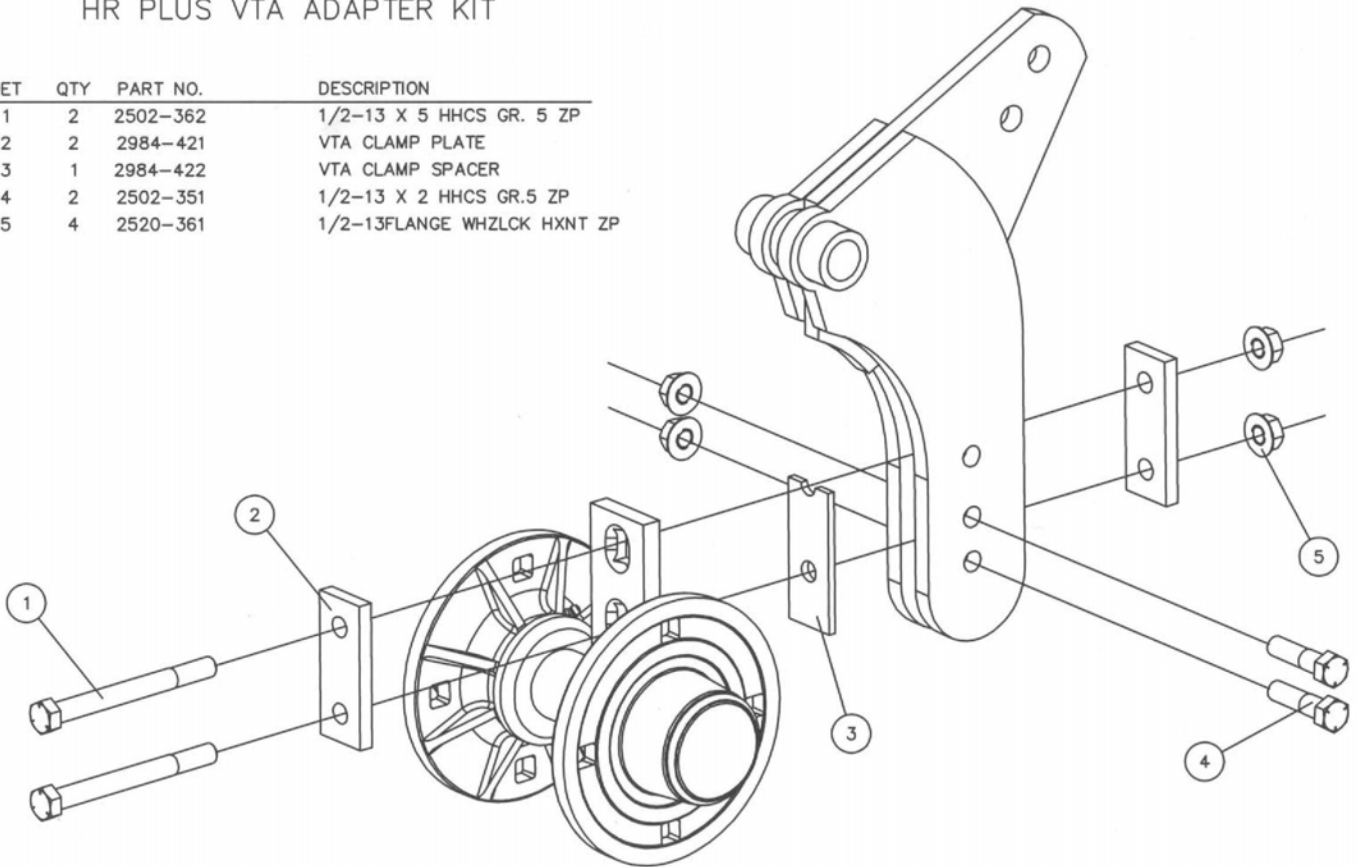


# PARTS IDENTIFICATION

2984-134

HR PLUS VTA ADAPTER KIT

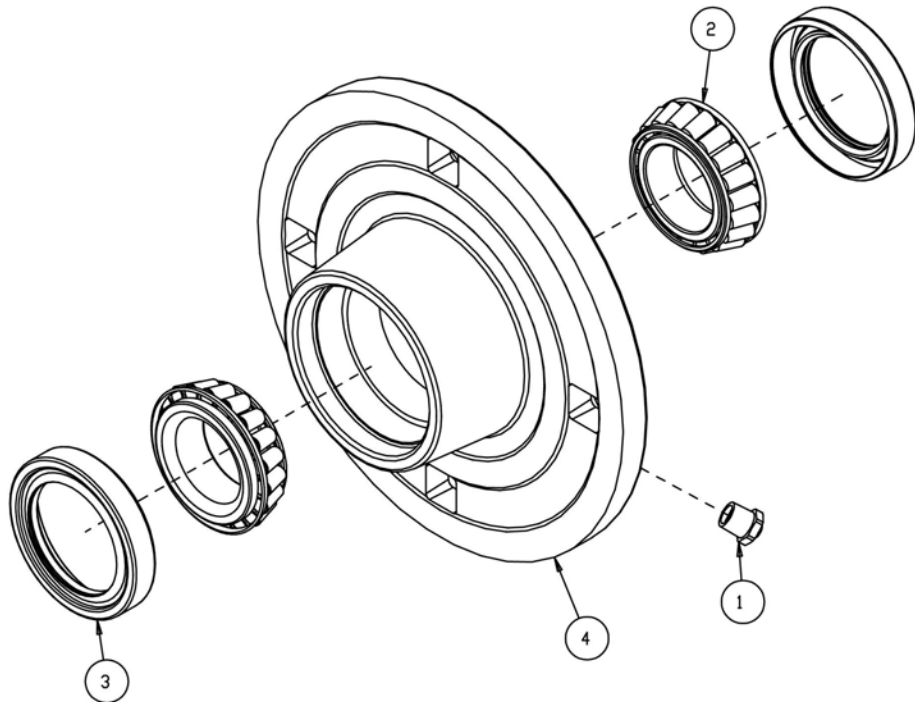
| DET | QTY | PART NO. | DESCRIPTION                 |
|-----|-----|----------|-----------------------------|
| 1   | 2   | 2502-362 | 1/2-13 X 5 HHCS GR. 5 ZP    |
| 2   | 2   | 2984-421 | VTA CLAMP PLATE             |
| 3   | 1   | 2984-422 | VTA CLAMP SPACER            |
| 4   | 2   | 2502-351 | 1/2-13 X 2 HHCS GR.5 ZP     |
| 5   | 4   | 2520-361 | 1/2-13FLANGE WHZLCK HXNT ZP |



# PARTS IDENTIFICATION

## 2984-107

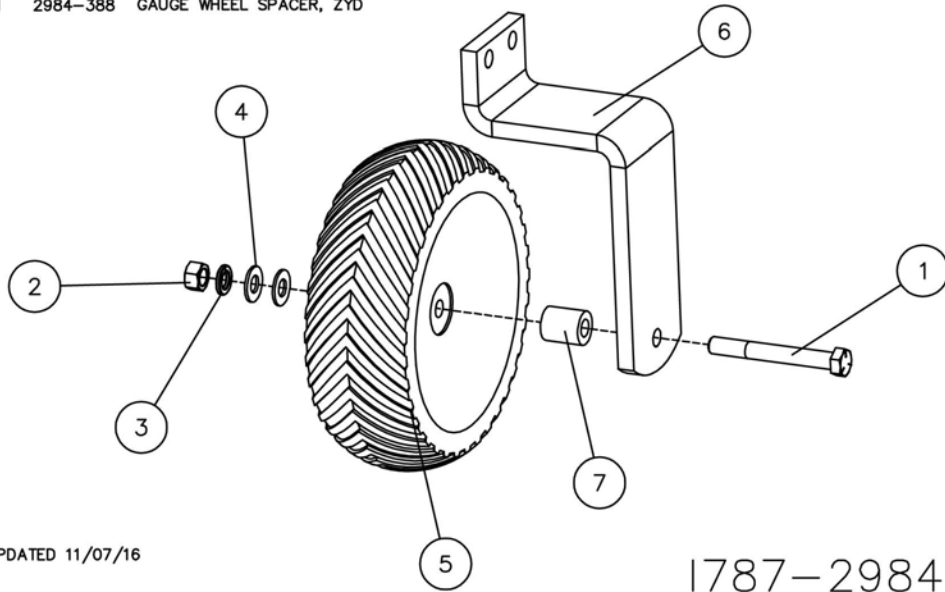
| ITEM | PART NO.    | DESCRIPTION                       | QTY |
|------|-------------|-----------------------------------|-----|
| 1    | 2533-120    | PRESSURE RELIEF FITTING, 45-80PSI | 1   |
| 2    | 2550-027    | CONE, LM67048, KOYO               | 2   |
| 3    | 2550-066    | TRIPLE LIP SEAL, NTI #1812-4      | 2   |
| 4    | 2900-105-NP | HUB PRESSED ASSEMBLY              | 1   |
|      | 2533-110    | 1/4-28 ZERK STRAIGHT SELF-TAP     | 1   |
|      | 2550-029    | CUP, LM67010                      | 2   |



# PARTS IDENTIFICATION

2984-136 RH GAUGE WHEEL ASSEMBLY (SHOWN)  
 2984-137 LH GAUGE WHEEL ASSEMBLY

| DET | QTY | PART NO. | DESCRIPTION                   |
|-----|-----|----------|-------------------------------|
| 1   | 1   | 2502-327 | 5/8-11 X 5 HHCS GR.5 ZP       |
| 2   | 1   | 2520-452 | 5/8-11 HEXNUT ZP              |
| 3   | 1   | 2525-451 | 5/8 MED LOCKWASHER ZP         |
| 4   | 2   | 2526-453 | 5/8 SAE FLATWASHER ZP         |
| 5   | 1   | 2570-147 | 4 X 12 CHEVRON WHEEL ASSEMBLY |
|     | 1   | 2570-069 | BEARING, MARKER DISK, 40MM    |
| 6   | 1   | 2984-368 | GAUGE WHEEL ARM               |
| 7   | 1   | 2984-388 | GAUGE WHEEL SPACER, ZYD       |



UPDATED 11/07/16

1787-2984-136



## NOTES:

# TROUBLESHOOTING

| <b>PROBLEM</b>   | <b>CAUSE</b>                            | <b>SOLUTION</b>   |
|--|---|---|
| Poor overall performance                                 | Toolbar not adjusted correctly          | Adjust the toolbar so that during operation it is level and at a height of 24" from the bottom of the toolbar to the soil surface.<br>See Operations section for proper adjustments |
|  | Unit is not set correctly               |   |
| Toolbar height too high                                  | Too much down pressure spring tension   | Remove two outer springs & set in light pressure setting  |
|  | Toolbar gauge wheels adjusted too low   | Raise gauge wheels  |
| Shallow knife penetration                                | Speed too slow                          | Operate at 5 mph minimum  |
|  | Toolbar height too high                 | Must have toolbar operating at 24" above the soil surface   |
|  | Insufficient down pressure              | Set down pressure spring adjustment to the rear hole<br>Inspect springs for breakage and/or wear<br>Adjust toolbar height lower. Normally 24"                                       |
| Disc Sealer not creating a mound or too small of a mound | Speed too slow                          | Operate at 5mph minimum   |
|  | Blades are not set aggressively enough  | Increase the angle of the front edge of blade to the row.   |
|  | Down pressure spring is loose           | Tighten the coil spring by compressing; tighten the 3/4" hex nut onto the pushrod.  |
|  | Toolbar is not level-probably nose down | Level toolbar at a height of 24" from soil surface.   |

# TROUBLESHOOTING

## PROBLEM

Berm size or shape  
Is not uniform

## POSSIBLE CAUSE

Disc sealer blades not at  
equal angle

## SOLUTION

Adjust blades to  
exact same angle

Insufficient spring pressure  
On rolling basket attachment

Change spring  
to increase  
Down pressure  
(See adjustments)

Large clods or chunks

Insufficient spring pressure  
On rolling basket attachment

Change spring  
to increase  
Down pressure  
(see adjustments)

Coulter cutting blade running  
Too deep

Operate coulter  
cutting blade just  
Deep enough to  
Slice crop residue

Fertilizer knife too deep

Operate knives  
shallower

Residue or mud plugging

Disc sealer blades have  
Too much angle

Decrease disc  
sealer angle

Conditions too wet

Lock up rolling  
Basket attachment

# Our name Is getting known

Just a few years ago, Yetter products were sold primarily to the Midwest only. Then we embarked on a program of expansion and moved into the East, the South, the West and now north into Canada. We're even getting orders from as far away as Australia and Africa.

So, when you buy Yetter products . . .you're buying a name that's recognized. A name that's known and respected. A name that's become a part of American agriculture and has become synonymous with quality and satisfaction in the field of conservation tillage.

Thank you.

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