

## 2962 R.U.M.D.D.F.O.

**ROW UNIT MOUNTED DOUBLE DISC FERTILIZER OPENER** 

# OPERATOR'S MANUAL PARTS IDENTIFICATION 2565-731\_REV\_K • 01/2017

#### YETTER MANUFACTURING CO.

FOUNDED 1930

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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)

#### 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 |  |  |  |
|--------|--|--|--|
| Dealer |  |  |  |

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

#### 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 those working with you and for you follow the precautions.

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

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.



#### **CAUTION**

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



#### **CAUTION: SAFETY SIGNS**

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

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



#### **WARNING**

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

Safety shields must always be in place during operation.

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

Never clean, lubricate or adjust a machine that is in motion. Always remove spark plug wire before performing service.

Always replace safety shields after servicing.

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

Be sure the park brake is set before operating.

Do not allow children to operate this equipment.

Do not allow riders on the wagon or pickup.

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.

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

Attach a slow moving vehicle emblem to the rear of the trailing implement.

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

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

If seed or seed treatment is dusty or dirty, wear a full-face respirator.

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

#### **BOLT TORQUE**

#### Mounting bolts and hardware

Before operating the 2962 R.U.M.D.D.F.O. 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 2962 R.U.M.D.D.F.O. 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.<br>AND<br>THREADS PER<br>INCH | GRADE 2 | GRADE 5 A-325 | GRADE 8 |
|---|---------|---------------|---------|
| 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 2962 R.U.M.D.D.F.O. is very heavy. Pay extra attention to lifting techniques hile handling and or maneuvering the opener during assembly. Failure to do so may lead to personal injury.

#### **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 <u>damaged equipment</u>. 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:

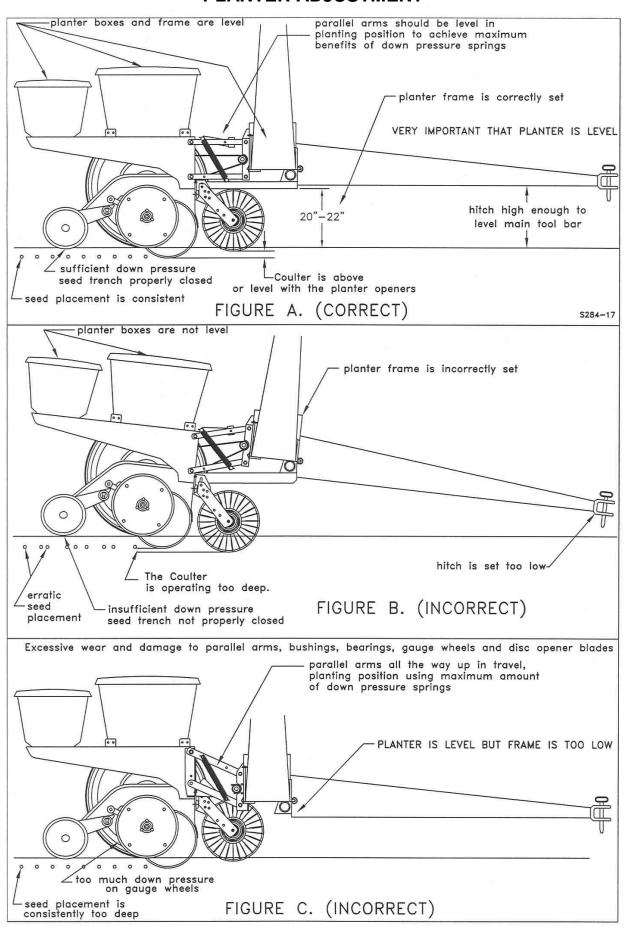
With the planter lowered to proper operating height (Usually 20"-22"). Read the planter operator's manual for recommended setting. Check to be sure the toolbar and row unit parallel arms are level fore and aft. <u>Recheck</u> when the planter is in the <u>field</u> and has been <u>fully loaded</u> with 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.

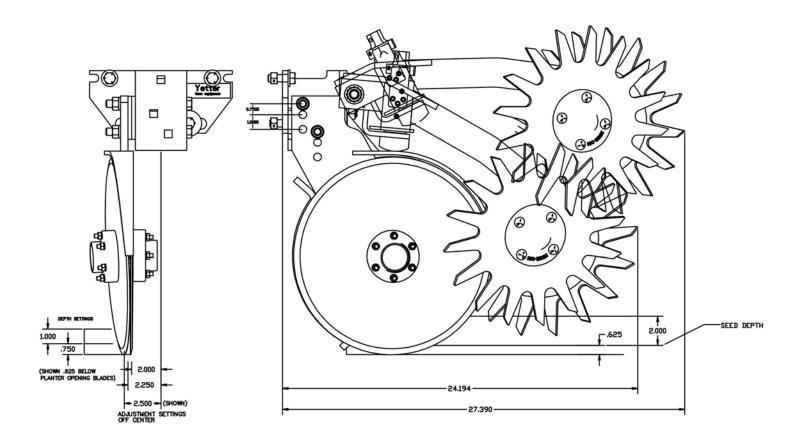
Field and actual planting conditions change and will dictate planter frame heights. You must ensure that the row unit parallel arms are approximately parallel with the ground.

**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.

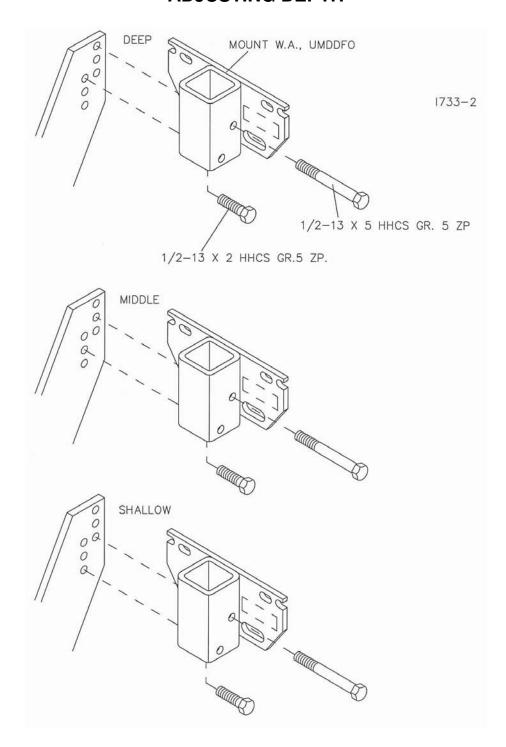
#### **PLANTER ADJUSTMENT**



#### **PLANTER ADJUSTMENT**

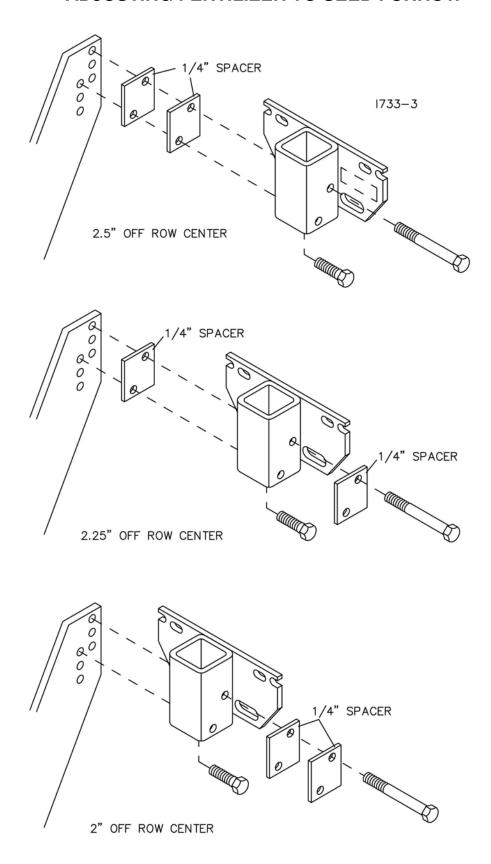


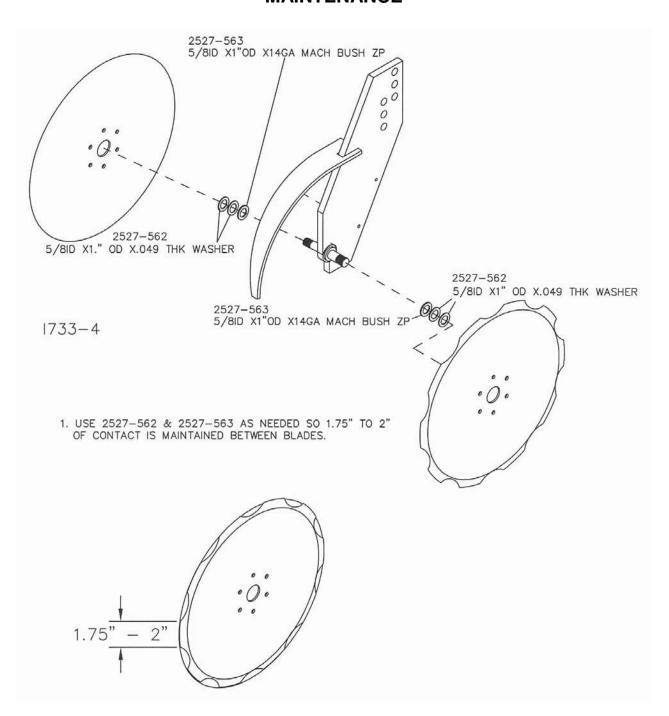
#### **ADJUSTING DEPTH**



Row Unit Mounted Double-Disk Fertilizer openers will perform in conventional, reduced and light no-till conditions but are not recommended for double-crop or tough no-till conditions. The double-disk design limits penetration in no-till or double-crop conditions. Single disk openers are better suited for no-till conditions.

#### **ADJUSTING FERTILIZER TO SEED FURROW**





# 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.

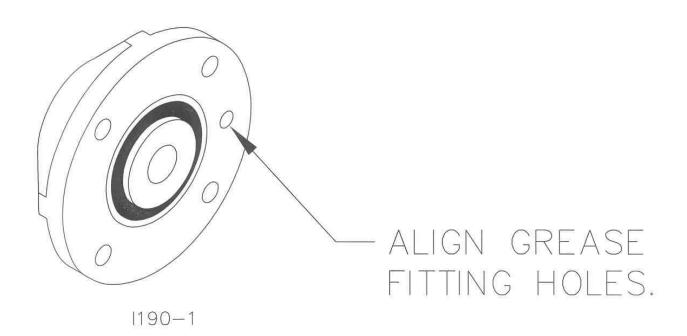
Never lubricate, service, or adjust machine while it is moving. Keep hands, feet, and clothing from power-driven moving and rotating parts. Disengage all power and operate controls to relieve pressure. Lower equipment to the ground and stop the engine. Remove the key. Wait for all moving parts to stop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

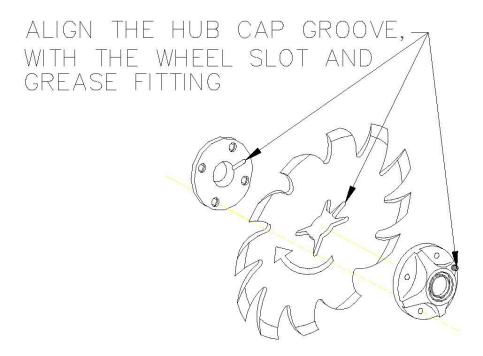
Securely support any machine elements with blocks or safety stands that must be raised for service work.

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.

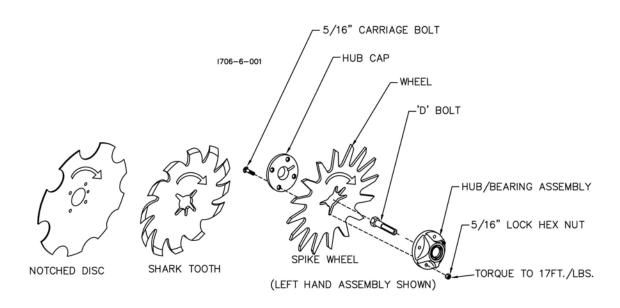
Make sure all guards are in place and properly secured when maintenance work is completed.

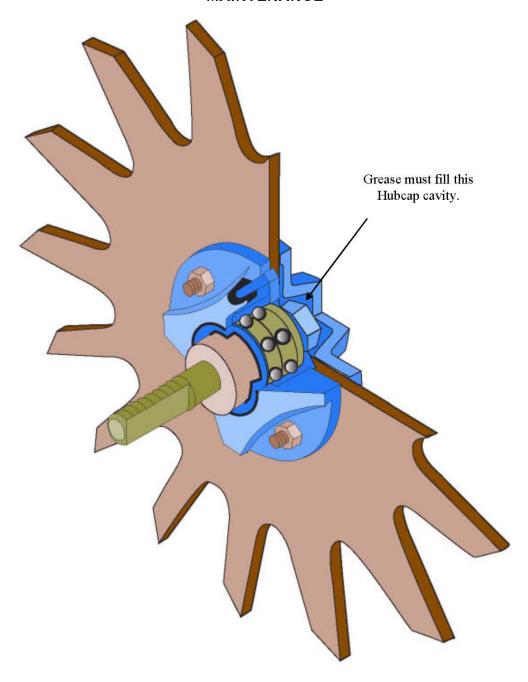
#### Assembly





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





#### 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.

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 |
|----------|---------------------------------------|------------------|
| 2967-404 | 13" TAPER TOOTH R.M. WHEEL            | 1.12 OZ          |
| 2967-602 | 13" SHARK TOOTH R.M. WHEEL            | 1.12 OZ          |
| 2967-186 | FLOATER WHEEL KIT W/R.M. WHEEL        | 2.08 OZ          |
| 6200-350 | BEVEL R.M. WHEEL W/ FLOATER WHEEL KIT | 2.40 OZ          |
| 6200-351 |                                       |                  |

#### Storing Lubricants

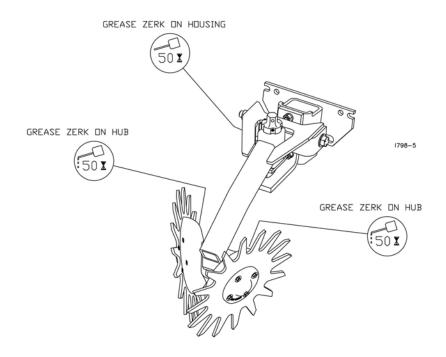
Your machine can operate at top efficiency only if clean lubricants are used. Use clean containers to handle all lubricants

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**



# 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.

#### **BEARING REPLACEMENT INSTALLATION**

- 1. When assembling the spoke wheels, bearing assembly and hubcap, be sure to align the grease transfer hole in the spoke wheel with the groove in the hubcap and hole in the hub to allow grease passage.
- 2. Assemble the wheels, hubs and caps
- 3. Grease the wheel/hub/bearing assembly.

#### Storing the Equipment

Store the machine in an area away from human activity

Store machine in RAISED position.

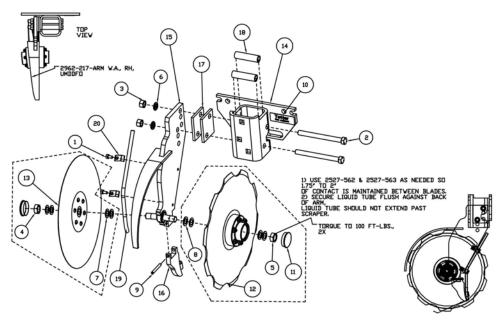
Install service locks on all wheel cylinders.

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

#### **Notes:**

#### 2962-122 RH LIQUID ASSEMBLY

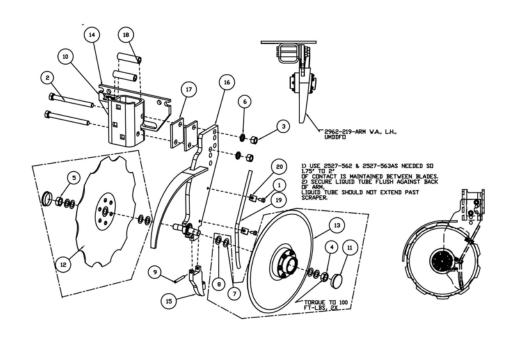


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| ITEM | PART NO. | DESCRIPTION                     | QTY |
|------|----------|---------------------------------|-----|
| 1    | 2502-104 | 1/4-20 X 1/2 HHCS GR. 5 ZYD.    | 2   |
| 2    | 2502-368 | 1/2-13 X 5-1/2 HHCS GR5 ZP      | 2   |
| 3    | 2520-352 | 1/2-13 HEX NUT ZP               | 2   |
| 4    | 2520-453 | 5/8-11 JAM HEX NUT ZP           | 1   |
| 5    | 2520-466 | 5/8-11 L.H. JAM HEX NUT ZP      | 1   |
| 6    | 2525-352 | 1/2 MED LOCKWASHER ZP.          | 2   |
| 7    | 2527-562 | 5/8IDX10DX.049+002M BU ZP       | 4   |
| 8    | 2527-563 | 5/8ID X1″OD X14GA MACH BU       | 4   |
| 9    | 2530-153 | 1/4 X 2 ROLL PIN ZP             | 1   |
| 10   | 2565-179 | YETTER DECAL 1" X 3"            | 1   |
| 11   | 2570-543 | HUB CAP, HARTFORD #10802        | 2   |
| 12   | 2962-123 | NOTCHED BLADE ASS'Y (11-2015)   | 1   |
| 13   | 2962-125 | OPENER BLADE ASS'Y (11-2015)    | 1   |
| 14   | 2962-206 | MOUNT W.A. UMDDFO (2010)        | 1   |
| 15   | 2962-217 | ARM W.A.(RH) UMDDFO (11-2015)   | 1   |
| 16   | 2962-218 | INTERNAL SCRAPER W.A. (11-2015) | 1   |
| 17   | 2962-302 | .25" SPACER, RUMDDFO            | 2   |
| 18   | 2962-322 | BUSHING                         | 2   |
| 19   | 2962-334 | LIQUID TUBE                     | 1   |
| 20   | 2962-335 | TUBE CLAMP                      | 2   |

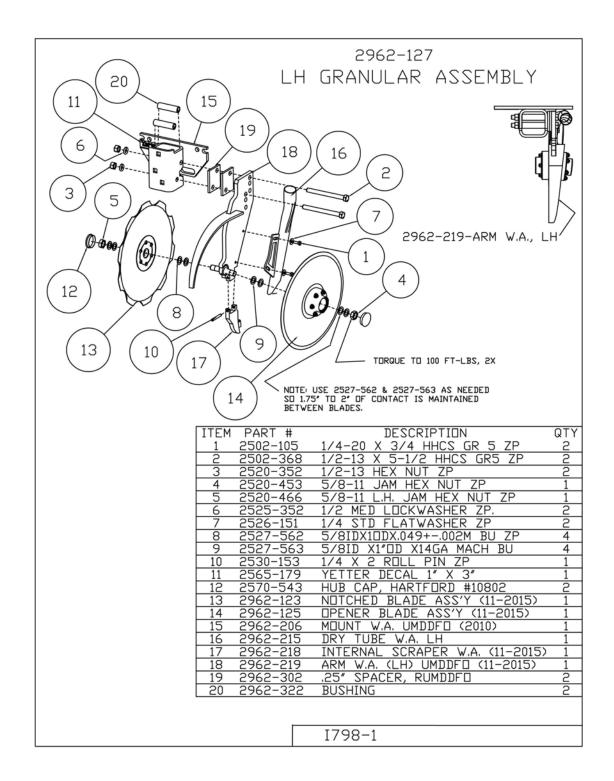
MFG 11-2015 TO 6-2016

#### 2962-126 LH LIQUID ASSEMBLY

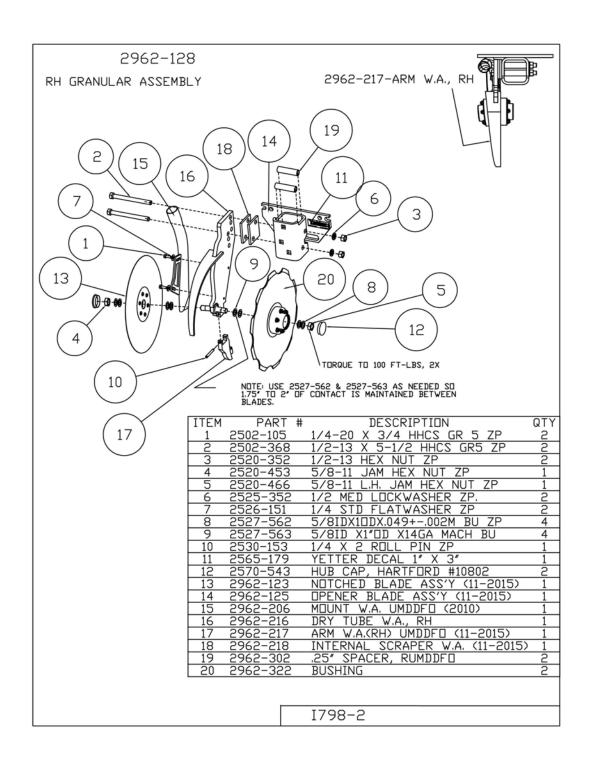


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| ITEM | PART NO. | DESCRIPTION                     | QTY |
|------|----------|---------------------------------|-----|
| 1    | 2502-104 | 1/4-20 X 1/2 HHCS GR. 5 ZYD.    | 2   |
| 2    | 2502-368 | 1/2-13 X 5-1/2 HHCS GR5 ZP      | 2   |
| 3    | 2520-352 | 1/2-13 HEX NUT ZP               | 2   |
| 4    | 2520-453 | 5/8-11 JAM HEX NUT ZP           | 1   |
| 5    | 2520-466 | 5/8-11 L.H. JAM HEX NUT ZP      | 1   |
| 6    | 2525-352 | 1/2 MED LOCKWASHER ZP.          | 2   |
| 7    | 2527-562 | 5/8IDX10DX.049+002M BU ZP       | 4   |
| 8    | 2527-563 | 5/8ID X1"DD X14GA MACH BU       | 4   |
| 9    | 2530-153 | 1/4 X 2 ROLL PIN ZP             | 1   |
| 10   | 2565-179 | YETTER DECAL 1" X 3"            | 1   |
| 11   | 2570-543 | HUB CAP, HARTFORD #10802        | 2   |
| 12   | 2962-123 | NOTCHED BLADE ASS'Y (11-2015)   | 1   |
| 13   | 2962-125 | OPENER BLADE ASS'Y (11-2015)    | 1   |
| 14   | 2962-206 | MOUNT W.A. UMDDFO (2010)        | 1   |
| 15   | 2962-218 | INTERNAL SCRAPER W.A. (11-2015) | 1   |
| 16   | 2962-219 | ARM W.A. (LH) UMDDFO (11-2015)  | 1   |
| 17   | 2962-302 | .25" SPACER, RUMDDFO            | 2   |
| 18   | 2962-322 | BUSHING                         | 2   |
| 19   | 2962-334 | LIQUID TUBE                     | 1   |
| 20   | 2962-335 | TUBE CLAMP                      | 2   |

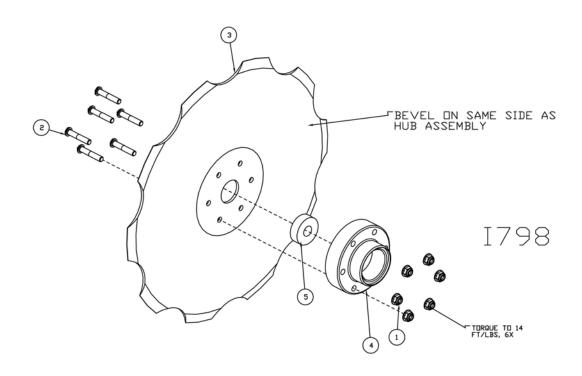


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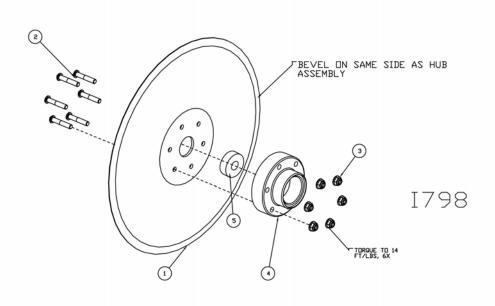
#### 2962-123 NOTCHED BLADE ASSEMBLY



| ITEM | PART N□. | DESCRIPTION                              |   |
|------|----------|--|---|
| 1    | 2520-159 | 1/4-20 HEX FLANGE NYLON INSERT NUT, GR F | 6 |
| 2    | 2570-204 | 1/4-20 x 1.37" BHSCS, GR 5, ZP           | 6 |
| 3    | 2571-283 | .138 X 13.5 N□TCHED BLADE                | 1 |
| 4    | 2962-342 | DOUBLE DISC HUB (2015)                   | 1 |
| 5    | 2550-328 | PLANTER COULTER BRG, 204RY2              | 1 |

MANUFACTURED 11-2015 TO 06-2016

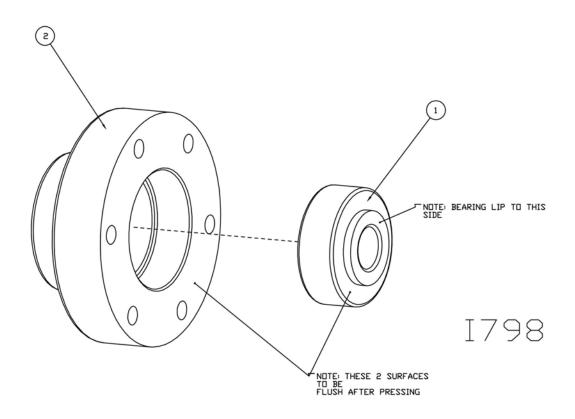
# 2962-125 OPENER BLADE ASSEMBLY



| ITEM | PART NO. | DESCRIPTION                              | QTY |
|------|----------|--|-----|
| 1    | 2520-159 | 1/4-20 HEX FLANGE NYLON INSERT NUT, GR F | 6   |
| 2    | 2570-204 | 1/4-20 x 1.37" BHSCS, GR 5, ZP           | 6   |
| 3    | 2571-284 | .138 X 12.5 OPENER BLADE                 | 1   |
| 4    | 2962-342 | DOUBLE DISC HUB (2015)                   | 1   |
| 5    | 2550-328 | PLANTER COULTER BRG. 204RY2              |     |

MANUFACTURED 11-2015 TO 06-2016

# 2962-124 DOUBLE DISC HUB ASSEMBLY



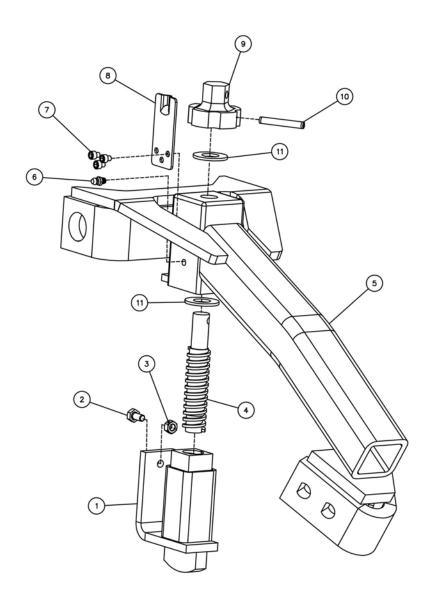
|   | ITEM | PART NO. | DESCRIPTION                 |   |  |
|---|------|----------|-----------------------------|---|--|
|   | 1    | 2550-328 | PLANTER COULTER BRG. 204RY2 | 1 |  |
| Γ | 2    | 2962-342 | DOUBLE DISC HUB (11-2015)   | 1 |  |

MANUFACTURED 11-2015 TO 06-2016

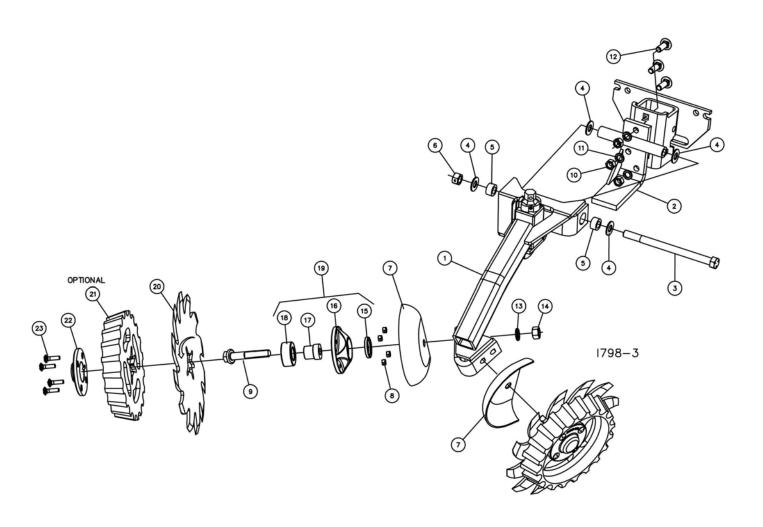
### 2962-114, UMDDFO RM ARM ASS'Y

| DET | QTY | PART NO. | DESCRIPTION                   |
|-----|-----|----------|-------------------------------|
| 1   | 1   | 2962-210 | EXTENSION TUBE W.A.           |
| 2   | 1   | 2502-104 | 1/4-20 X 1/2 HHCS GR. 5 ZYD.  |
| 3   | 1   | 2520-152 | 1/4-20 LOCK HEX NUT ZP        |
| 4   | 1   | 2967-764 | ACME SCREW, TWIN ROW          |
| 5   | 1   | 2962-211 | UMDDFO RESIDUE MANAGER ARM    |
| 6   | 1   | 2533-110 | 1/4-28 ZERK STRAIGHT SELF-TAP |
| 7   | 3   | 2510-102 | #10-32X.25HSHCPS ZP W/TRDLCK  |
| 8   | 1   | 2967-652 | DETENT PLATE                  |
| 9   | 1   | 2967-699 | ADJUSTMENT KNOB (9/07)        |
| 10  | 1   | 2530-157 | 1/4 X 1-3/4 ROLL PIN ZP       |
| 11  | 2   | 2526-453 | 5/8 SAE FLATWASHER ZP         |

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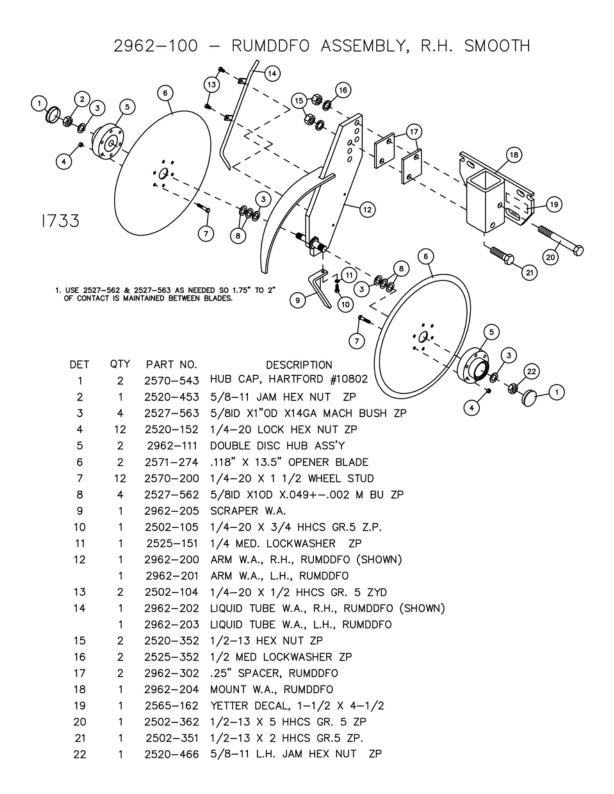
#### 2962-005 UMDDFO RM ASSEMBLY



#### 2962-005, UMDDFO RM ASS'Y

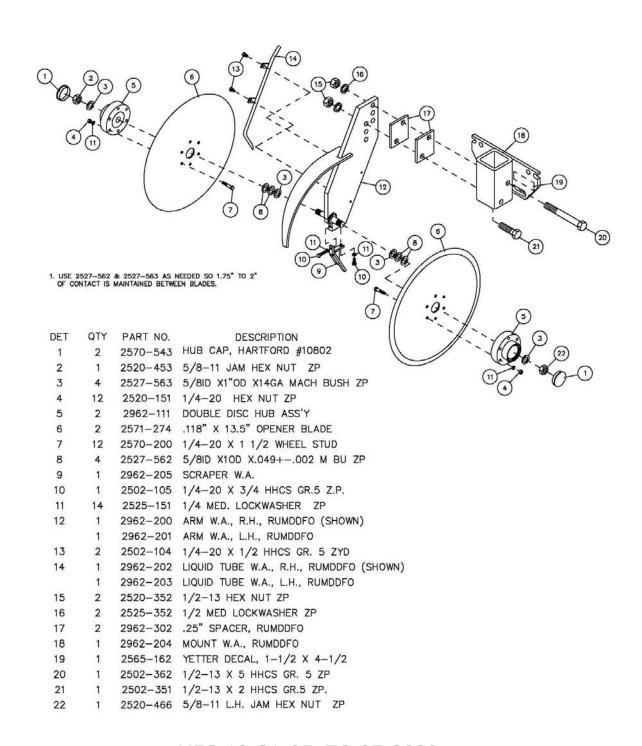
| DET | QTY | PART NO. | DESCRIPTION                             |  |  |
|-----|-----|----------|---|--|--|
| 1   | 1   | 2962-114 | UMDDFO RM ARM ASS'Y                     |  |  |
| 2   | 1   | 2962-209 | R.M. MOUNT BRACKET                      |  |  |
| 3   | 1   | 2502-333 | 5/8-11 X 9 HHCS G5 ZP                   |  |  |
| 4   | 4   | 2526-454 | 5/8 SAE FLATWASHER HRD'ND YD            |  |  |
| 5   | 2   | 2967-553 | PIVOT BUSHING                           |  |  |
| 6   | 1   | 2520-459 | 5/8-11 LOCK HEX NUT ZP                  |  |  |
| 7   | 2   | 2967-392 | SHIELD, RM COMBO-PAINTED                |  |  |
| 8   | 8   | 2520-206 | 5/16-18 FLANGE LOCK NUT                 |  |  |
| 9   | 2   | 2570-740 | D-BOLT, FLANGE, 5/8-11 X 2.812" GR8 ZYD |  |  |
| 10  | 3   | 2520-352 | 1/2-13 HEX NUT ZP                       |  |  |
| 11  | 3   | 2525-352 | 1/2 MED LOCKWASHER ZP                   |  |  |
| 12  | 3   | 2505-339 | 1/2-13 X 1-1/2 CARBLT G5 ZP             |  |  |
| 13  | 2   | 2525-451 | 5/8 MED LOCKWASHER ZP                   |  |  |
| 14  | 2   | 2520-452 | 5/8-11 HEXNUT ZP                        |  |  |
| 15  | 2   | 2550-069 | SEAL, TRIPLE LIP, NTI# 1812-5           |  |  |
| 16  | 2   | 2965-351 | HUB CAST., MACHINED, 4 BOLT             |  |  |
| 17  | 2   | 2570-715 | BEARING INSERT, TRASHMASTER             |  |  |
| 18  | 2   | 2570-594 | BEARING, 2 ROW NTN# DF0654LU            |  |  |
| 19  | 2   | 2965-128 | HUB AND BEARING ASS'Y.,4 BOLT           |  |  |
| 20  | 2   | 2967-602 | 13" SHARK TOOTH WHEEL (SHOWN)           |  |  |
|     | 2   | 2967-596 | 3/8" TAPER TOOTH SPOKE WHEEL            |  |  |
|     | 2   | 2967-404 | 13" TAPER TOOTH SPOKE WHEEL             |  |  |
|     | 1   | 6200-351 | 13" BEVELED WHEEL, R.H.                 |  |  |
|     | 1   | 6200-350 | 13" BEVELED WHEEL, L.H.                 |  |  |
| 21  | 2   | 2967-555 | FLOATER WHEEL                           |  |  |
| 22  | 2   | 2965-352 | HUB CAP CASTING, 4 BOLT, BLACK          |  |  |
| 23  | 8   | 2505-207 | 5/16-18 X 1 1/4 CAR BLT GR5             |  |  |
|     | 8   | 2505-208 | 5/16-18 X 1 1/2 CAR BLT GR5             |  |  |
|     |     |          | (USE WITH HEAVY DUTY WHEELS ONLY)       |  |  |
|     | 8   | 2505-209 | 5/16-18 X 1 3/4 CAR BLT GR5             |  |  |
|     |     |          | (USE WITH FLOATER WHEEL OPTION)         |  |  |

1798-3

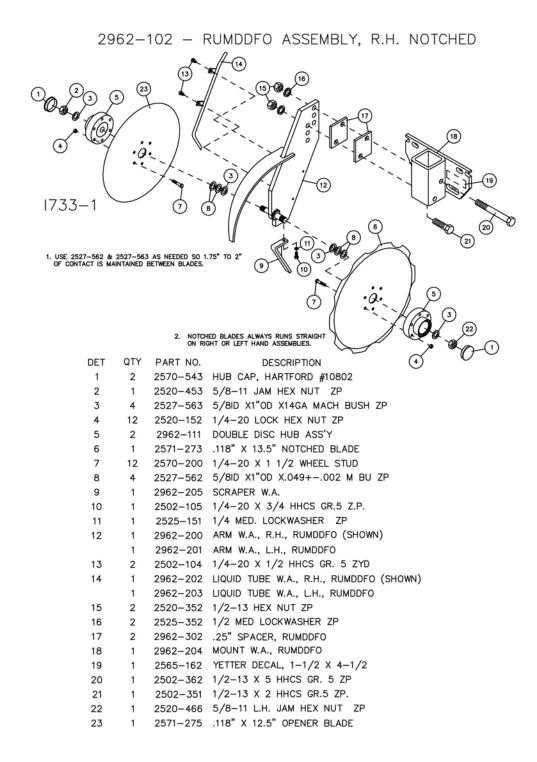


MFG 04-2004 TO 10-2007

2962-100 - RUMDDFO ASSEMBLY, R.H. SMOOTH

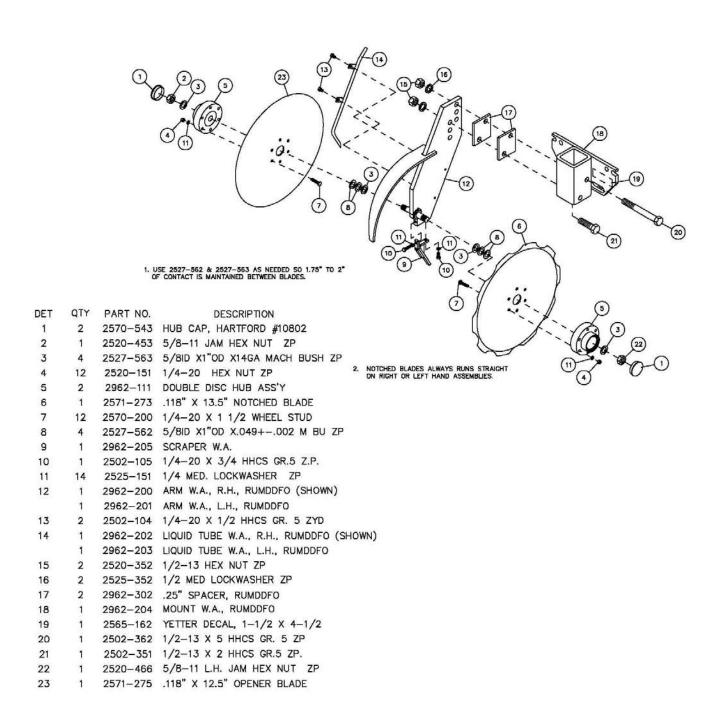


MFG 10-31-07 TO 07-2009



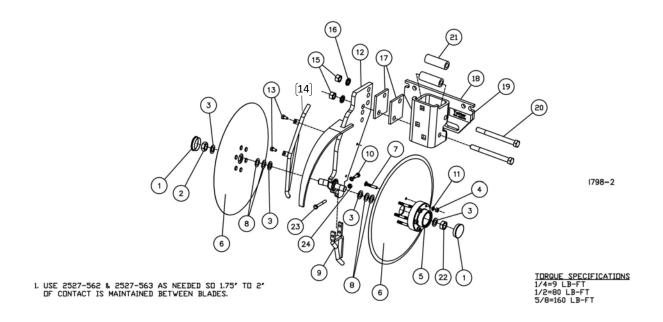
MFG 04-2004 TO 10-2007

2962-102 - RUMDDFO ASSEMBLY, R.H. NOTCHED



MFG 10-31-07 TO 07-2009

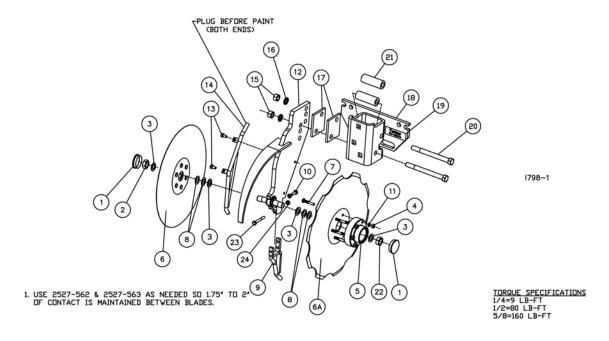
# 2962-104 UMDDFO ASS'Y RH (SMOOTH) SHOWN 2962-105 UMDDFO ASS'Y LH (SMOOTH)



| 2962-<br>2962- |     |          | Y, RH (SMOOTH) (SHOWN)<br>Y, LH (SMOOTH) |   |
|----------------|-----|----------|--|---|
| DET            | QTY | PART NO. | DESCRIPTION                              |   |
| 1              | 2   | 2570-543 | HUB CAP, HARTFORD #10802                 |   |
| 2              | 1   | 2520-453 | 5/8-11 JAM HEX NUT ZP                    |   |
| 3              | 4   | 2527-563 | 5/8ID X1"OD X14GA MACH BUSH              | ZP  |
| 4              | 12  | 2520-152 | 1/4-20 LOCK HEX NUT ZP                   |   |
| 5              | 2   | 2962-111 | DOUBLE DISC HUB ASS'Y                    |   |
| 6              | 2   | 2571-274 | .118" X 13.5" OPENER BLADE               |   |
| 7              | 12  | 2570-200 | 1/4-20 X 1 1/2 WHEEL STUD                |   |
| 8              | 4   | 2527-562 | 5/8ID X10D X.049+002 M BU                | ZP  |
| 9              | 1   | 2962-214 | INTERNAL SCRAPER, UMDDFO                 |   |
| 10             | 1   | 2502-105 | 1/4-20 X 3/4 HHCS GR.5 Z.P.              |   |
| 11             | 13  | 2525-151 | 1/4 MED. LOCKWASHER ZP                   |   |
| 12             | 1   |          | ARM W.A. (RH), UMDDFO                    |   |
|                | 1   |          | ARM W.A. (LH), UMDDFO                    |   |
| 13             | 2   |          | 1/4-20 X 1/2 HHCS GR. 5 ZYD              |   |
| 14             | 1   |          | LIQUID TUBE W.A. (RH), UMDDFO            | (Ref. Only – Sub 2962-334 Tube & (2) 2962-335 Clamps) |
|                | 1   |          | LIQUID TUBE W.A. (LH), UMDDFO            |   |
| 15             | 2   |          | 1/2-13 HEX NUT ZP                        |   |
| 16             | 2   |          | 1/2 MED LOCKWASHER ZP                    |   |
| 17             | 2   |          | .25" SPACER, UMDDFO                      |   |
| 18             | 1   |          | MOUNT W.A., UMDDFO                       |   |
| 19             | 1   |          | YETTER DECAL, 1-1/2 X 4-1/2              |   |
| 20             | 1   |          | 1/2-13 X 5-1/2 HHCS GR5 ZP               |   |
| 21             | 2   | 2962-322 |  |   |
| 22             | 1   |          | 5/8-11 L.H. JAM HEX NUT ZP               |   |
| 23             | 1   |          | 1/4-20 X 2 HHCS GR 5 ZP                  |   |
| 24             | 1   | 2520-152 | 1/4-20 LOCK HEX NUT ZP                   |   |

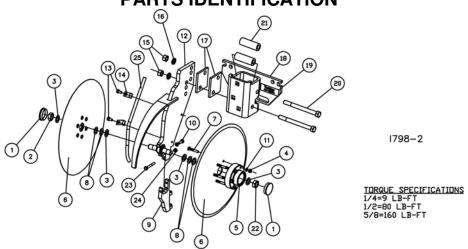
#### **MANUFACTURED 01-2010 TO 12-2010**

# 2962-106 UMDDFO ASS'Y RH (NOTCHED) SHOWN 2962-107 UMDDFO ASS'Y LH (NOTCHED)



| 2962-<br>2962- |     |          | , RH (NOTCHED) (SHOWN)             |         |   |
|----------------|-----|----------|------------------------------------|---------|---|
| DET            | QTY | PART NO. | DESCRIPTION                        |         |   |
| 1              | 2   | 2570-543 | HUB CAP, HARTFORD #10802           |         |   |
| 2              | 1   | 2520-453 | 5/8-11 JAM HEX NUT ZP              |         |   |
| 3              | 4   | 2527-563 | 5/8ID X1"OD X14GA MACH BUSH 7      | ZP      |   |
| 4              | 12  | 2520-152 | 1/4-20 LOCK HEX NUT ZP             |         |   |
| 5              | 2   | 2962-111 | DOUBLE DISC HUB ASS'Y              |         |   |
| 6              | 1   | 2571-275 | .118 X 12.5 OPENER BLADE           |         |   |
| 6A             | 1   | 2571-273 | .118 X 13.5 NOTCHED BLADE          |         |   |
| 7              | 12  | 2570-200 | 1/4-20 X 1 1/2 WHEEL STUD          |         |   |
| 8              | 4   | 2527-562 | 5/8ID X10D X.049+002 M BU Z        | P       |   |
| 9              | 1   | 2962-214 | INTERNAL SCRAPER, UMDDFO           |         |   |
| 10             | 1   | 2502-105 | 1/4-20 X 3/4 HHCS GR.5 Z.P.        |         |   |
| 11             | 13  | 2525-151 | 1/4 MED. LOCKWASHER ZP             |         |   |
| 12             | 1   | 2962-208 | ARM W.A. (RH), UMDDFO              |         |   |
|                | 1   | 2962-207 | ARM W.A. (LH), UMDDFO              |         |   |
| 13             | 2   | 2502-104 | 1/4-20 X 1/2 HHCS GR. 5 ZYD        |         |   |
| 14             | 1   | 2962-213 | LIQUID TUBE W.A. (RH), UMDDFO      | (Ref. C | only – Sub 2962-334 Tube & (2) 2962-335 Clamps) |
|                | 1   | 2962-212 | LIQUID TUBE W.A. (LH), UMDDFO      | •       | , , , ,   |
| 15             | 2   | 2520-352 | 1/2-13 HEX NUT ZP                  |         |   |
| 16             | 2   | 2525-352 | 1/2 MED LOCKWASHER ZP              |         |   |
| 17             | 2   | 2962-302 | .25" SPACER, UMDDFO                |         |   |
| 18             | 1   | 2962-206 | MOUNT W.A., UMDDFO                 |         |   |
| 19             | 1   |          | YETTER DECAL, $1-1/2 \times 4-1/2$ |         |   |
| 20             | 1   |          | 1/2-13 X 5-1/2 HHCS GR5 ZP         |         |   |
| 21             | 2   | 2962-322 |                                    |         |   |
| 22             | 1   |          | 5/8-11 L.H. JAM HEX NUT ZP         |         |   |
| 23             | 1   |          | 1/4-20 X 2 HHCS GR 5 ZP            |         |   |
| 24             | 1   | 2520-152 | 1/4-20 LOCK HEX NUT ZP             |         |   |

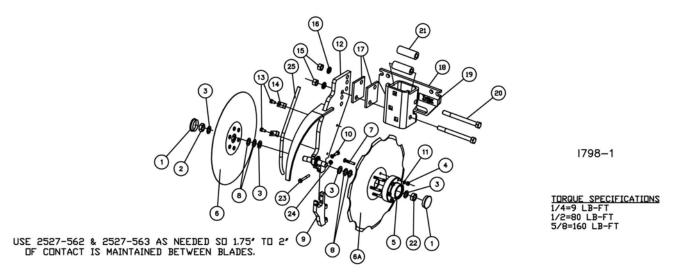
#### MANUFACTURED 01-2010 TO 12-2010



USE 2527-562 & 2527-563 AS NEEDED SD 1.75" TD 2" DF CONTACT IS MAINTAINED BETWEEN BLADES.

| 2962-104<br>2962-105 |     | UMDDFO ASS'Y, RH (SMOOTH) (SHOWN) UMDDFO ASS'Y, LH (SMOOTH) |                                    |
|----------------------|-----|---|------------------------------------|
| DET                  | QTY | PART NO.  | DESCRIPTION                        |
| 1                    | 2   | 2570-543  | HUB CAP, HARTFORD #10802           |
| 2                    | 1   | 2520-453  | 5/8-11 JAM HEX NUT ZP              |
| 3                    | 4   | 2527-563  | 5/8ID X1"OD X14GA MACH BUSH ZP     |
| 4                    | 12  | 2520-152  | 1/4-20 LOCK HEX NUT ZP             |
| 5                    | 2   | 2962-111  | DOUBLE DISC HUB ASS'Y              |
|                      |     | 2962-300  | DOUBLE DISC HUB                    |
|                      |     | 2550-328  | BEARING                            |
| 6                    | 2   | 2571-274  | .118" X 13.5" OPENER BLADE         |
| 7                    | 12  | 2570-200  | 1/4-20 X 1 1/2 WHEEL STUD          |
| 8                    | 4   | 2527-562  | 5/8ID X10D X.049+002 M BU ZP       |
| 9                    | 1   | 2962-214  | INTERNAL SCRAPER, UMDDFO           |
| 10                   | 1   | 2502-105  | 1/4-20 X 3/4 HHCS GR.5 Z.P.        |
| 11                   | 13  | 2525-151  | 1/4 MED. LOCKWASHER ZP             |
| 12                   | 1   | 2962-208  | ARM W.A. (RH), UMDDFO              |
|                      | 1   | 2962-207  | ARM W.A. (LH), UMDDFO              |
| 13                   | 2   | 2502-104  | 1/4-20 X 1/2 HHCS GR. 5 ZYD        |
| 14                   | 2   | 2962-335  | TUBE CLAMP                         |
| 15                   | 2   | 2520-352  | 1/2-13 HEX NUT ZP                  |
| 16                   | 2   | 2525-352  | 1/2 MED LOCKWASHER ZP              |
| 17                   | 2   | 2962-302  | .25" SPACER, UMDDFO                |
| 18                   | 1   | 2962-206  | MOUNT W.A., UMDDFO                 |
| 19                   | 1   | 2565-162  | YETTER DECAL, $1-1/2 \times 4-1/2$ |
| 20                   | 1   | 2502-368  | 1/2-13 X 5-1/2 HHCS GR5 ZP         |
| 21                   | 2   | 2962-322  | BUSHING                            |
| 22                   | 1   |   | 5/8-11 L.H. JAM HEX NUT ZP         |
| 23                   | 1   |   | 1/4-20 X 2 HHCS GR 5 ZP            |
| 24                   | 1   |   | 1/4-20 LOCK HEX NUT ZP             |
| 25                   | 1   | 2962-334  | LIQUID TUBE                        |

MANUFACTURED 1-2011 TO 6-2011



UMDDFO ASSY, RH (NOTCHED) (SHOWN) 2962-106 2962-107 UMDDFO ASS'Y, LH (NOTCHED) DET QTY PART NO. DESCRIPTION 1 2 2570-543 HUB CAP, HARTFORD #10802 2520-453 5/8-11 JAM HEX NUT ZP 2 2527-563 5/8ID X1"OD X14GA MACH BUSH ZP 3 4 2520-152 1/4-20 LOCK HEX NUT ZP 12 2962-111 DOUBLE DISC HUB ASS'Y 5 2962-300 DOUBLE DISC HUB 2550-328 BEARING 2571-275 .118 X 12.5 OPENER BLADE 6 1 6A 2571-273 .118 X 13.5 NOTCHED BLADE 7 2570-200 1/4-20 X 1 1/2 WHEEL STUD 12 2527-562 5/8ID X10D X.049+-.002 M BU ZP 8 9 1 2962-214 INTERNAL SCRAPER, UMDDFO 10 1 2502-105 1/4-20 X 3/4 HHCS GR.5 Z.P. 11 13 2525-151 1/4 MED. LOCKWASHER ZP 12 2962-208 ARM W.A. (RH), UMDDFO (SHOWN) 1 1 2962-207 ARM W.A. (LH), UMDDFO 13 2 2502-104 1/4-20 X 1/2 HHCS GR. 5 ZYD 2962-335 TUBE CLAMP 14 2 2 2520-352 1/2-13 HEX NUT ZP 15 16 2 2525-352 1/2 MED LOCKWASHER ZP 17 2 2962-302 .25" SPACER, UMDDFO 18 2962-206 MOUNT W.A., UMDDFO 1 2565-162 YETTER DECAL, 1-1/2 X 4-1/2 19 1 2502-368 1/2-13 X 5-1/2 HHCS GR5 ZP 20 1 21 2 2962-322 BUSHING 2520-466 5/8-11 L.H. JAM HEX NUT ZP 22 2502-102 1/4-20 X 2 HHCS GR 5 ZP 23 2520-152 1/4-20 LOCK HEX NUT ZP 24 1 25 2962-334 LIQUID TUBE 1

#### MANUFACTURED 01-2011 TO 06-2015

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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.

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