



2967-035

“TITAN”

**UNIVERSAL
FACE PLATE MOUNTED
FLOATING RESIDUE MANAGER
2565-487_REV_B 12/11**

YETTER MANUFACTURING CO.
FOUNDED 1930

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YETTER

FOREWORD

You've just joined an exclusive but rapidly growing club.

For our part, we want to welcome you to the group and thank you for buying a Yetter Product.

We hope your new Yetter implement will help you achieve both increased productivity and increased efficiency so that you may generate more profit. This operator's manual has been designed into six major sections.

Foreword, Safety Precautions, assembly instructions, Operation, parts identification and troubleshooting.

It is important the owner/operator knows the implement model number. Write the model number in the space provided and use it in all correspondence when referring to the implement.

Throughout the manual references may be made to left side and right side. These terms are used as viewed from the operator's seat facing the front of the tractor.



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, reference information

and other 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 that are covered by the warranty policy.



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

YETTER MANUFACTURING CO.

309/776-4111

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WARRANTY POLICY

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

Model Number: _____

Dealer : _____

Yetter Manufacturing warrants its own products only and cannot be responsible for damage to equipment on which it is 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 those working with you and for you follow them.

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 the 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.

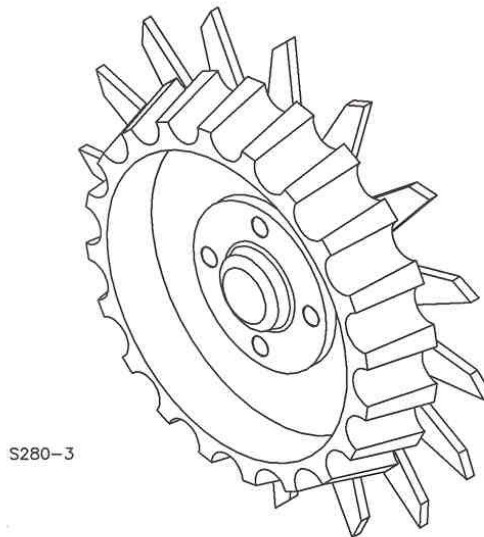
Beware of towed implement width and allow safe clearance.

FAILURE TO HEED MAY RESULT IN PERSONAL INJURY OR DEATH.

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OPTIONAL EQUIPMENT



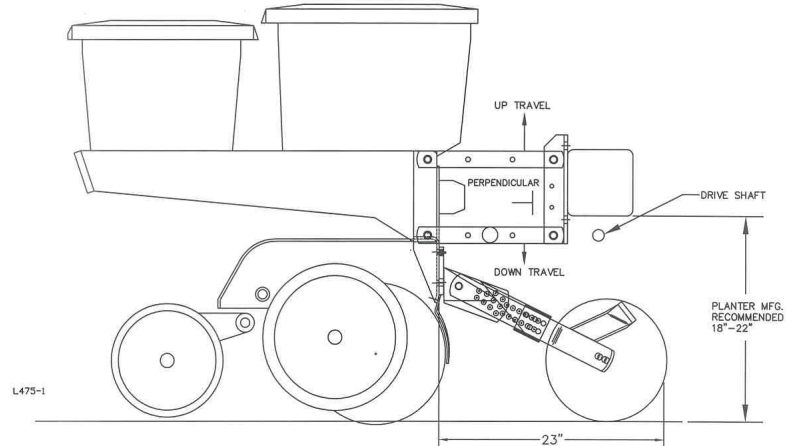
2967-186 FLOATER WHEEL
L.H. ASSEMBLY SHOWN
(2) REQUIRED PER ROW

TITAN F.P.M. RESIDUE MANAGER

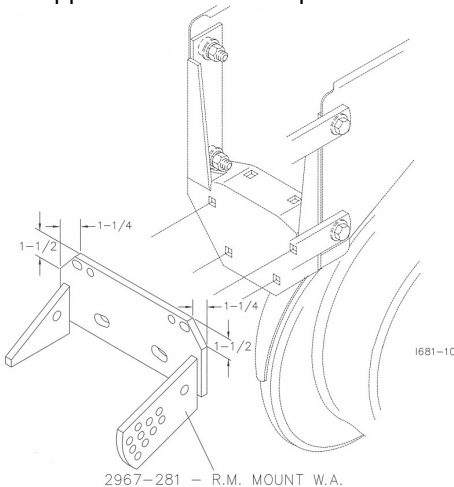
OPERATION / USE GUIDE

IMPORTANT: The 2967-035 Residue Manager Will Limit the full “up-travel” of the planter row unit. Please check the amount of travel that the planter row unit has before going to the field to plant.

NOTE: The recommended height of a level planter toolbar frame is 18”-22”. Always visually check seed spacing and depth-calibrate your equipment if necessary.

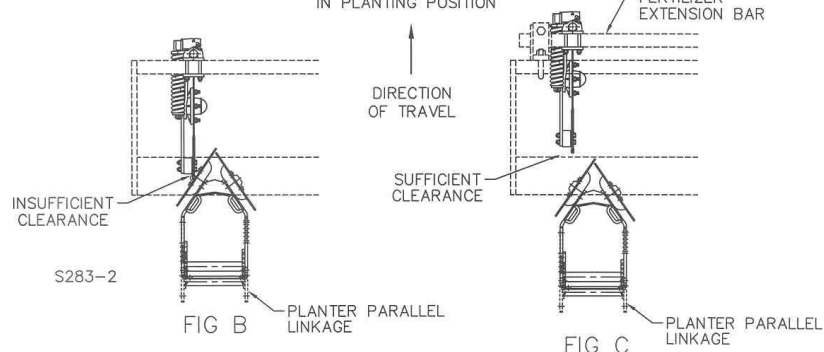


Solution to “UP” travel issue. Trim upper corners of face plate bracket.



OVERHEAD VIEW

IN PLANTING POSITION



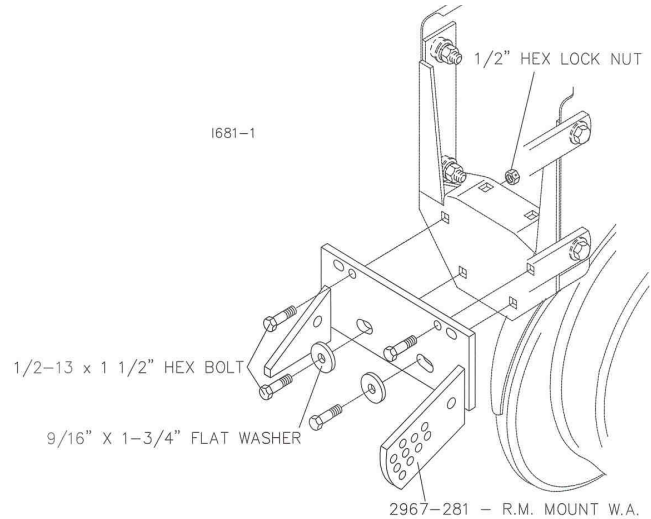
If there is insufficient clearance between the residue manager wheels and the fertilizer coupler opener, then a fertilizer extension bar is required to move the fertilizer coupler forward to have sufficient clearance.

ASSEMBLY INSTRUCTIONS

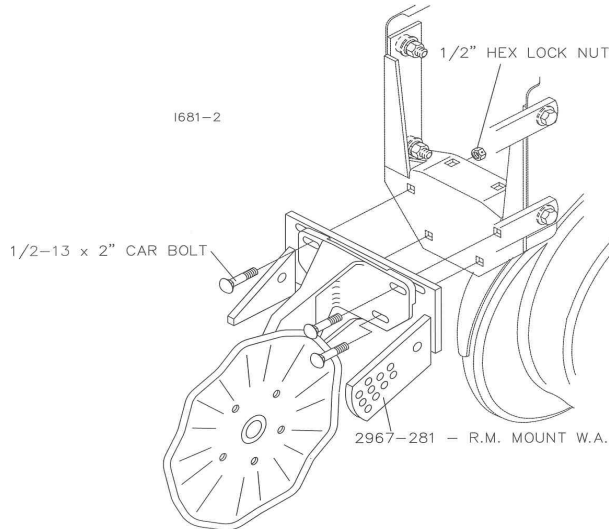
2967-035 RESIDUE MANAGER ONLY

NOTE: Do not fully tighten the mounting hardware at this time. Alignment adjustments will be made once the R.M. wheels are attached.

When using the 2967-035 Residue Manager unit with out a coultter, attach the 2967-281 – Mount W.A. using 4) $\frac{1}{2}$ " x $1\frac{1}{2}$ " bolts, large flat washers and lock nuts.



JD MAX EMERGE II COULTER

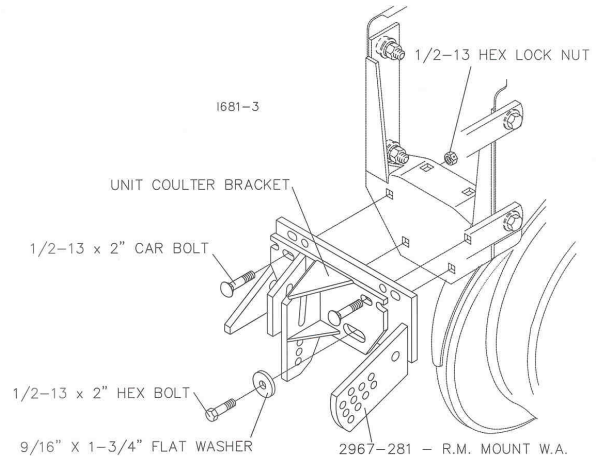


Use 3) $\frac{1}{2}$ " x 2" carriage bolts when mounting a JD MEII coultter or a White single arm coultter (700728036).

Use 4) $\frac{1}{2}$ " x 2" carriage bolts when mounting a JD 7000 coultter, Kinze double arm, White double arm, or the Yetter 2960-130 Double Arm Coultter.

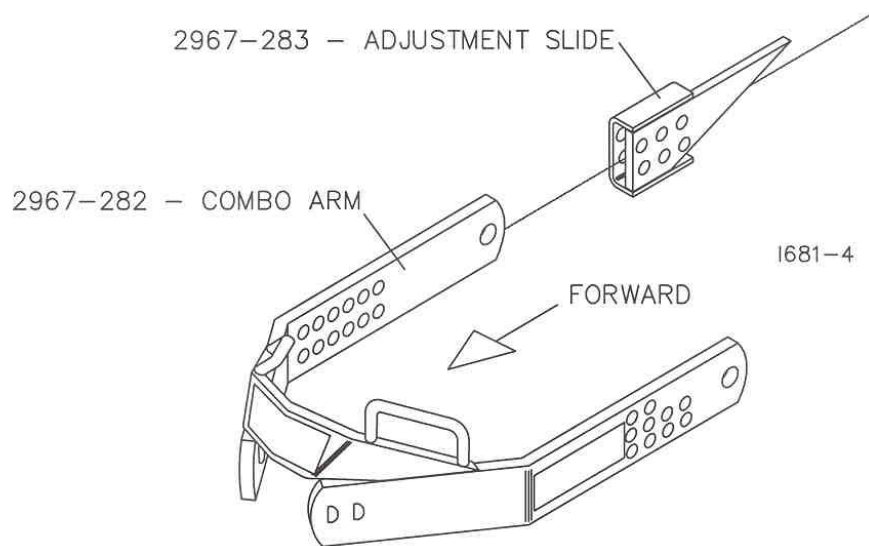
2960 SERIES II UNIT MOUNTED CONSERVATION COULTER

Use 2) $\frac{1}{2}$ " x 2" carriage bolts (upper holes), 1) $\frac{1}{2}$ " x 2" hex bolt and a large flat washer (lower left hole) are used when mounting the Yetter Series II coultter.

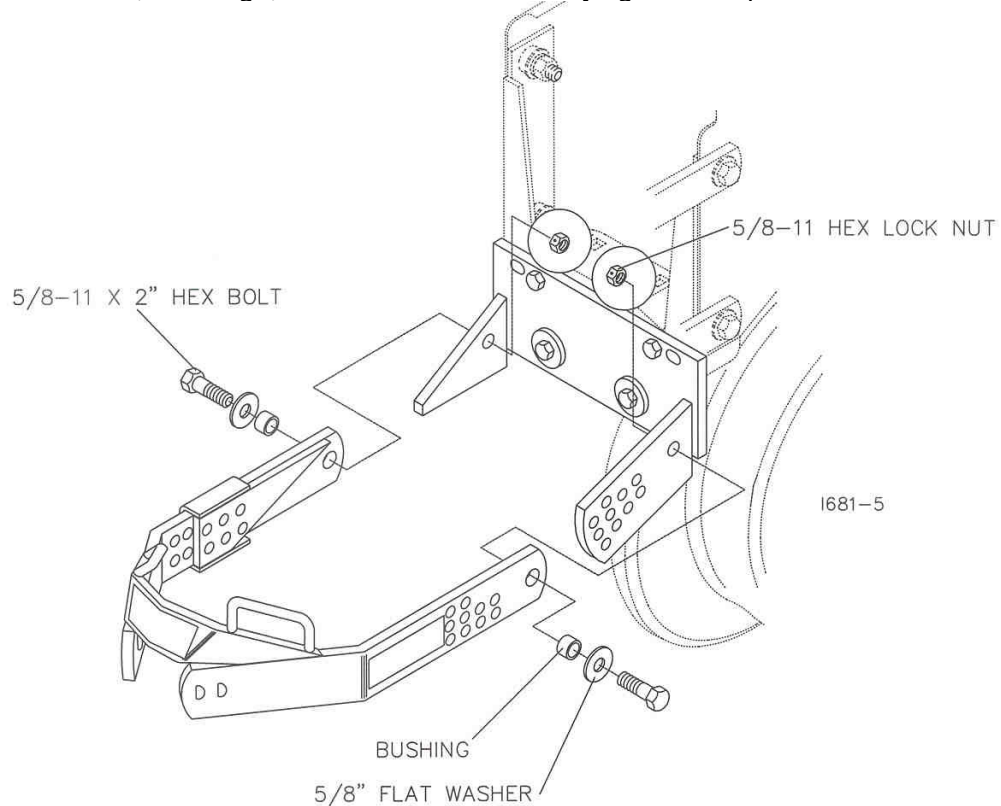


ASSEMBLY INSTRUCTIONS

STEP 1 Install the 2967-283 Adjustment Slide onto the right hand side of the 2967-282 Combo Arm. The adjustment slide should move freely on the combo arm.

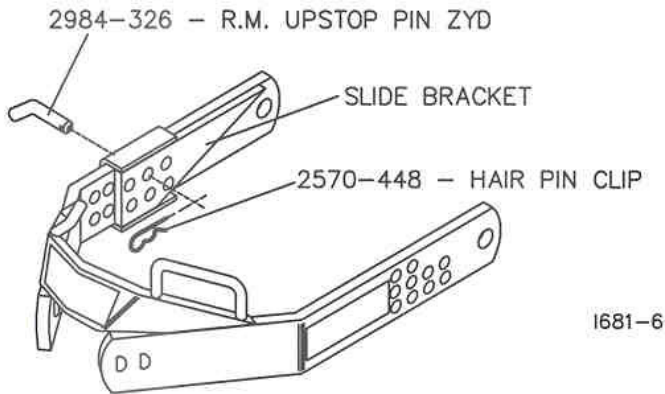


STEP 2 Attach the combo arm assembly to the 2967-281 Mount Bracket using 2) 5/8" x 2" bolts, flat washers, bushings, and lock nuts. Securely tighten the pivot hardware at this time.

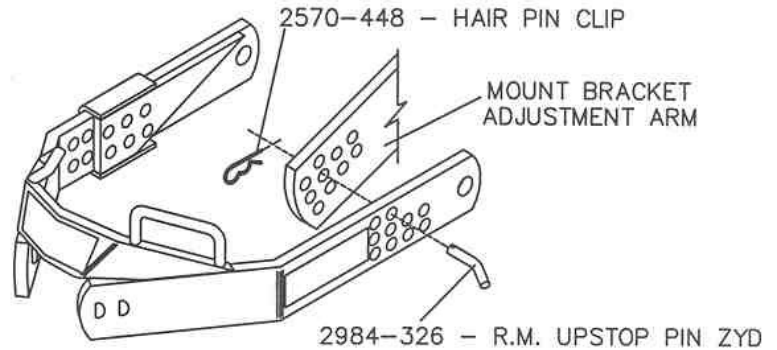


ASSEMBLY INSTRUCTIONS

STEP 3. Install the 2984-326 Adjustment Pin through the adjustment holes of the slide (float) or through the adjustment arm of the mount bracket (rigid) and secure with the 2570-448 Hairpin clip.



"FLOAT" ADJUSTMENT

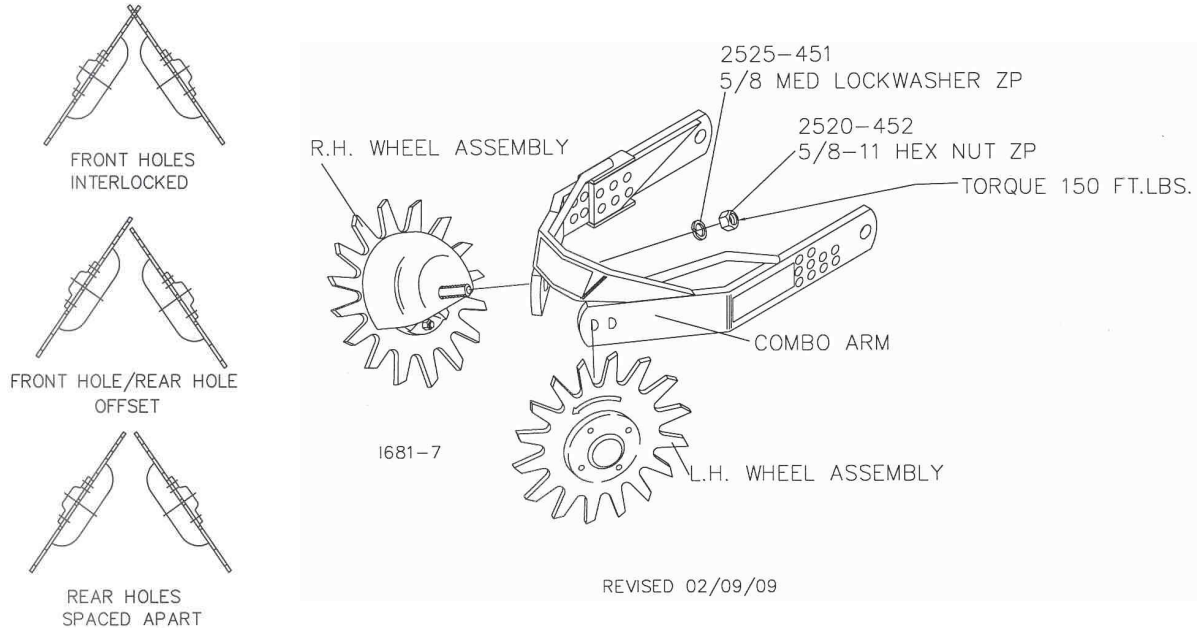


"RIGID" ADJUSTMENT

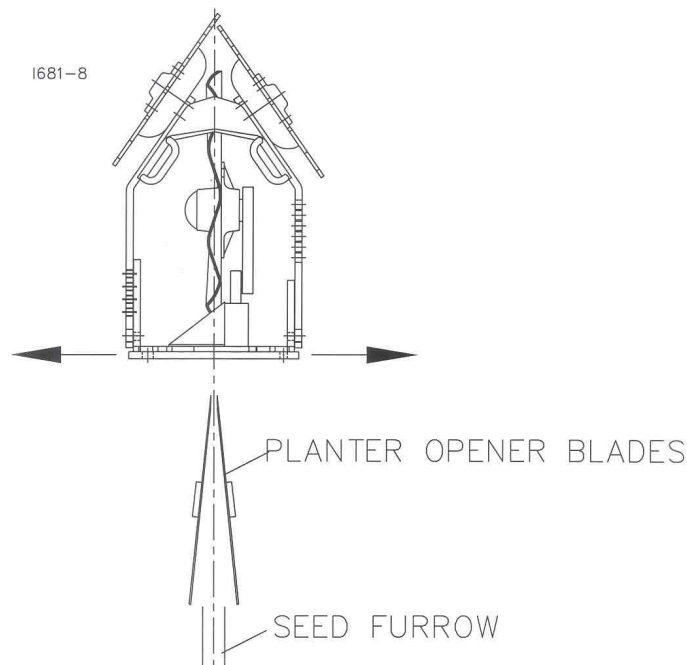
ASSEMBLY INSTRUCTIONS

STEP 4 Choose the mounting hole in which to attach the R.M. wheels. Both wheels mounted in the front holes – wheels are interlocked. One wheel mounted in the front hole and one mounted in the rear hole – wheels are offset. Both wheels mounted in the rear holes – wheels are spaced apart.

Attach the R.M. wheel/hub assemblies to the 2967-282 Combo Arm using 5/8" lock washers and hex nuts. Adjust the bearing shield to top dead center, rotate slightly forward. Torque to 150 ft./lbs.



STEP 5 Align the residue manager wheels, conservation coulters (if used) to the planter opener blades. The 2967-281 Mount Bracket has slotted holes in the faceplate to move the residue manager wheels side to side; to be able to center the wheels on the seed furrow. Fully tighten mounting bolts. Torque to 85 ft/lbs.



OPERATION



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

STEP 1. Adjust the residue manager to move crop residue aside and not move any soil. Adjustments to the residue manager may have to be made when changing field conditions and type and amount of residue. Use the handle for leverage when changing depth settings. “FLOAT SETTINGS”

To raise the wheels, lift the 2967-282 and move the slide toward the rear.

To lower the wheels move the slide toward the front.

“RIGID SETTING”

To raise the wheels, lift the 2967-282 Combo Arm to the desired position and insert the pin.

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

ROW CLEANER DO'S AND DON'TS

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



IMPORTANT: For proper operation, the planter frame must operate level (for, aft and side to side) and at the correct height, typically 20”-22”.

MAINTENANCE

STEP 1. Regularly inspect the residue manager for loose or worn bolts. Repair and replace as needed.

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.

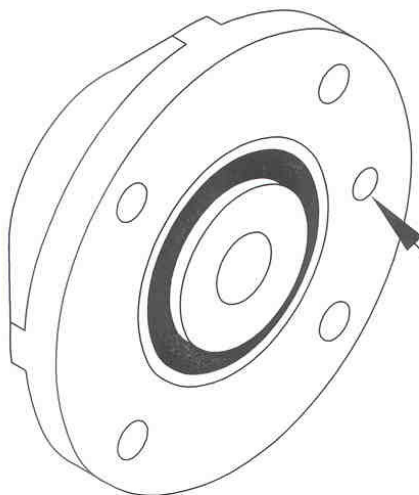
Never lubricate, service, or adjust machine while it is moving. Keep hands, feet, and clothing from power-driven moving and rotating parts. Disengage all power and operate controls to relieve pressure. Lower equipment to the ground, stop the engine. Remove the key. Wait for all moving parts to stop before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

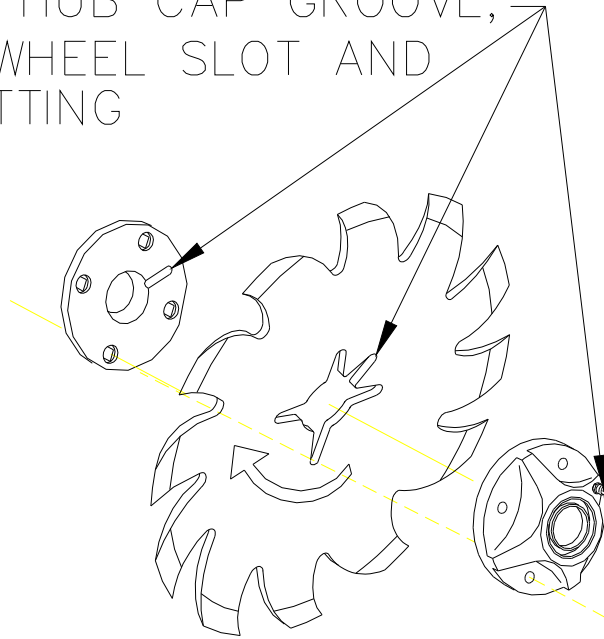


ALIGN GREASE
FITTING HOLES.

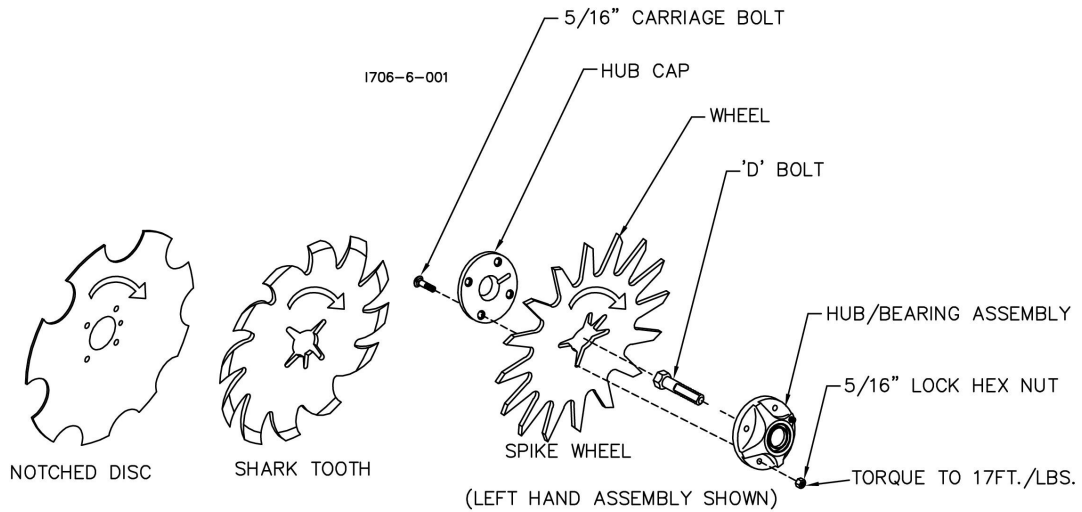
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MAINTENANCE

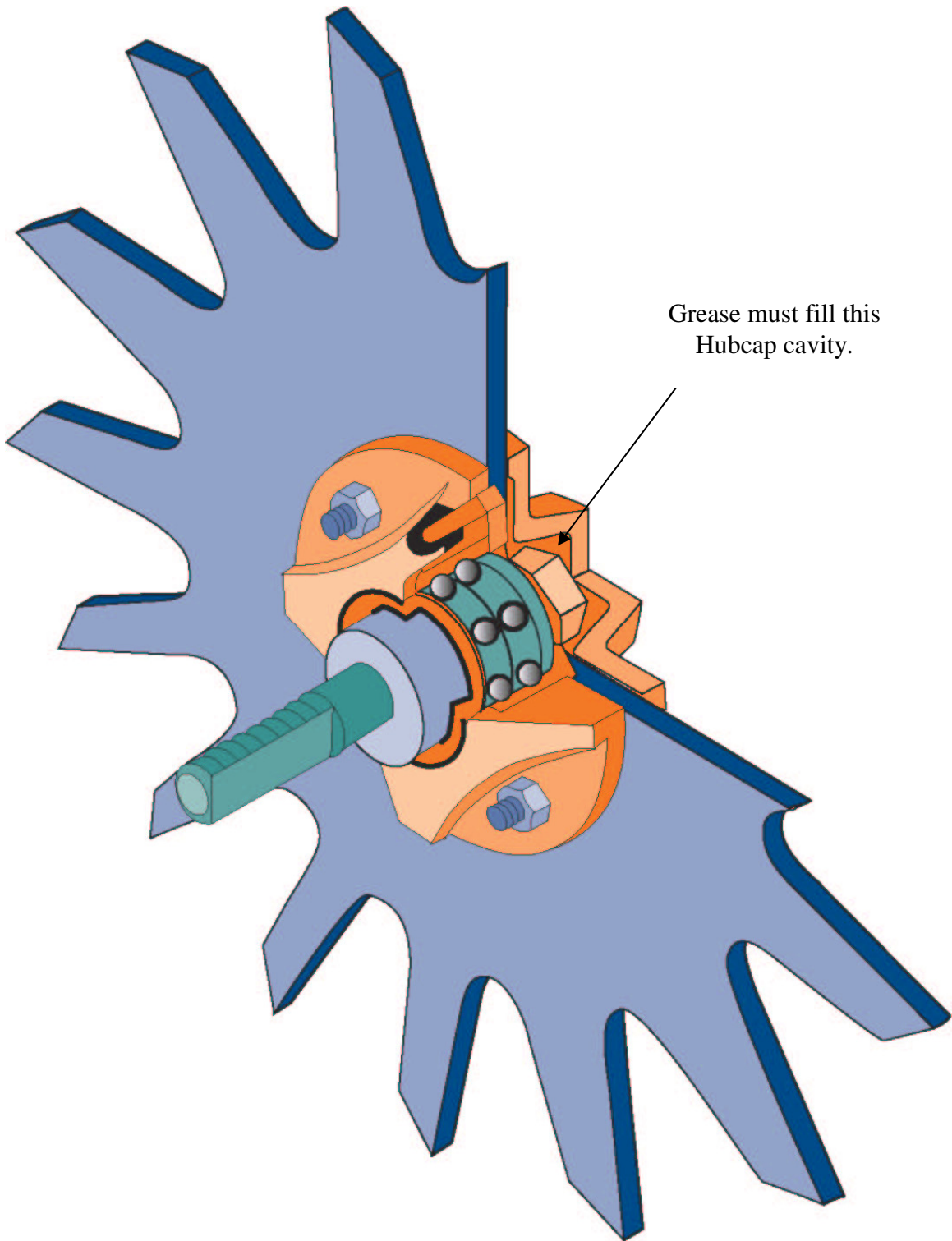
ALIGN THE HUB CAP GROOVE,
WITH THE WHEEL SLOT AND
GREASE FITTING



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



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 **multi-purpose lithium, 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
2967-404	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
2967-596	HEAVY DUTY OR BEVEL R.M. WHEEL W/ FLOATER WHEEL KIT	2.40 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.

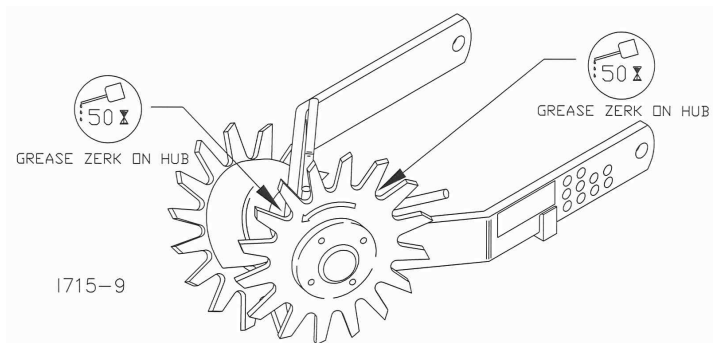
MAINTENANCE

Lubrication Symbols



Lubricate with grease at hourly interval indicated on symbol.

Lubrication Intervals



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.

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.

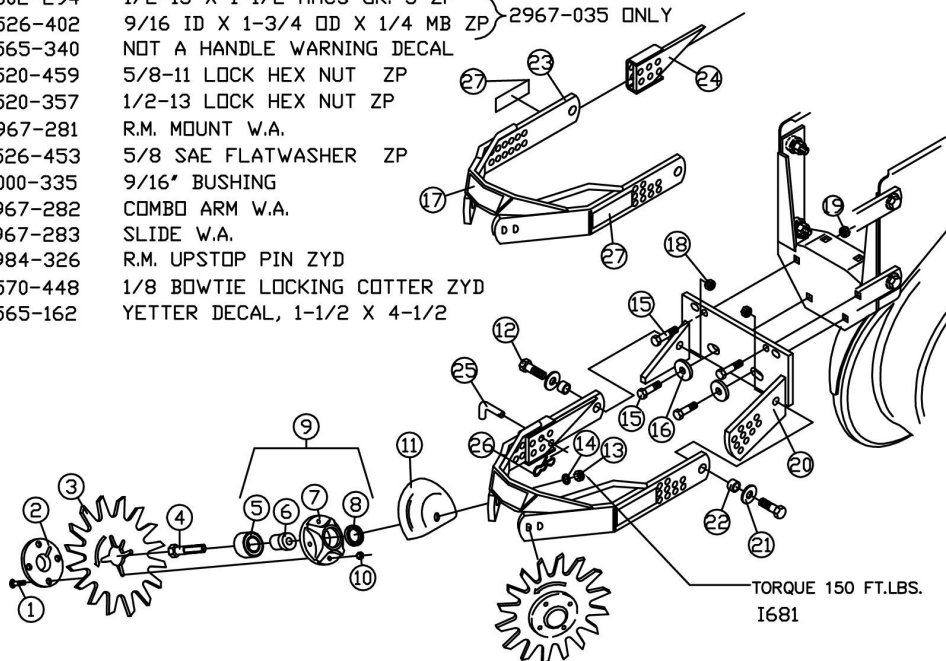
At the end of the season, the machine should be thoroughly inspected and prepared for storage. Repair or replace any worn or damaged components to prevent down time at the start of the next season. Store machine under cover with all parts in operating condition.

- 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

2967-035 - TITAN F.P.M. FLOATING R.M.

DET	QTY	PART NO.	DESCRIPTION
1	8	2505-208	5/16-18 X 1 1/2 CAR BLT GR5
2	2	2965-352	HUB CAP CASTING, 4 BOLT, BLACK
3	2	2967-404	13" TAPER TOOTH SPOKE WHEEL
4	2	2570-740	D-BOLT, FLANGE, 5/8-11 X 2.812 GR.8 Z
5	2	2570-594	BEARING, 2 ROW NTN# DF0654L
6	2	2570-715	BEARING INSERT, TRASHMASTER
7	2	2965-351	HUB CAST., MACHINED, 4 BOLT
8	2	2550-052	SEAL, CR# 13548
9	2	2965-128	HUB AND BEARING ASS'Y., 4 BOLT
10	8	N10213	5/16-18 HEX FLANGE SERRATED NUT
11	2	2967-392	SHIELD, RM COMBO-PAINTED
12	2	2502-391	5/8-11 X 2 HHCS GR 5 ZP
13	2	2520-452	5/8-11 HEX NUT ZP
14	2	2525-451	5/8 MED LOCKWASHER ZP
15	4	2505-345	1/2-13 X 2 CAR BOLT GR. 5 ZP <JD7000 COULTER, KINZE DBL ARM, WHITE DBL ARM & YETTER DBL ARM>
	3	2505-345	1/2-13 X 2 CAR BOLT GR. 5 ZP <JD MEII COULTER, WHITE SINGLE ARM & AGCO COULTER>
	2	2505-345	1/2-13 X 2 CAR BOLT GR. 5 ZP <YETTER COULTER SERIES II>
	1	2502-351	1/2-13 X 2 HHCS GR. 5 ZP <2960 SERIES II UNIT COULTER>
	4	2502-294	1/2-13 X 1-1/2 HHCS GR. 5 ZP
16	2	2526-402	9/16 ID X 1-3/4 OD X 1/4 MB ZP } 2967-035 ONLY
17	1	2565-340	NOT A HANDLE WARNING DECAL
18	2	2520-459	5/8-11 LOCK HEX NUT ZP
19	4	2520-357	1/2-13 LOCK HEX NUT ZP
20	1	2967-281	R.M. MOUNT W.A.
21	2	2526-453	5/8 SAE FLATWASHER ZP
22	2	6000-335	9/16" BUSHING
23	1	2967-282	COMBO ARM W.A.
24	1	2967-283	SLIDE W.A.
25	1	2984-326	R.M. UPSTOP PIN ZYD
26	1	2570-448	1/8 BOWTIE LOCKING COTTER ZYD
27	2	2565-162	YETTER DECAL, 1-1/2 X 4-1/2



REVISED 01/04/12

NOTES

NOTES

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.

YETTER MANUFACTURING CO.

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2565-487_REV_B • 12/11