

# 5000 SERIES STALK DEVASTATOR CORN STALK ROLLER

\*PATENTED\*

5000-025D, 5000-026D, 5000-027D, 5000-028D, 5000-034C

John Deere Model Corn Heads (606C, 643, 693, 706C, C6R, 608C, 843, 893, 708C, C8R, 612C, 612FC Folding, 712C, 1243, 1293, C12F, C12R, 616C, 716C, & C16R)

OWNER'S MANUAL PART IDENTIFICATION 2565-785\_Rev\_J - 08/2024





#### YETTER MANUFACTURING CO.

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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.



**DANGER**: Indicates an imminently hazardous situation which, if not avoided "will" result in death or serious injury. This signal word is to be limited to the most extreme situations



<u>WARNING</u>: Indicates a potentially hazardous situation which, if not avoided, "could" result in death or serious injury.



**CAUTION:** Indicates a potentially hazardous situation, which if not avoided, "may" result in minor or moderate injury. It may also be used to alert against unsafe practices.



**NOTICE:** Indicates information considered important, but not hazard related (e.g., messages relating to property damage).

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: <a href="www.yetterco.com">www.yetterco.com</a>
E-mail: <a href="mailto:info@yetterco.com">info@yetterco.com</a>

#### 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.

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



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

<u>DANGER</u>: Indicates an imminently hazardous situation which, if not avoided "will" result in death or serious injury. This signal word is to be limited to the most extreme situations.

**WARNING**: Indicates a potentially hazardous situation which, if not avoided, "could" result in death or serious injury.

<u>CAUTION</u>: Indicates a potentially hazardous situation, which if not avoided, "may" result in minor or moderate injury. It may also be used to alert against unsafe practices.

**NOTICE:** Indicates information considered important, but not hazard related (e.g., messages relating to property damage).

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

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.



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

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

Never clean, lubricate or adjust a machine that is in motion.

Always check that straps are secure.

Make sure latches are in pinned position when moving equipment.

Do not allow children to operate this equipment.

Do not allow riders on the equipment, trailer and/or pick-up.

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

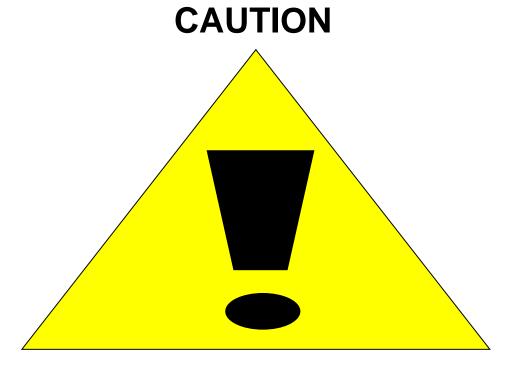
Read and understand the operator's manual and require all other persons who will operate the equipment to do the same.

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

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

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

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

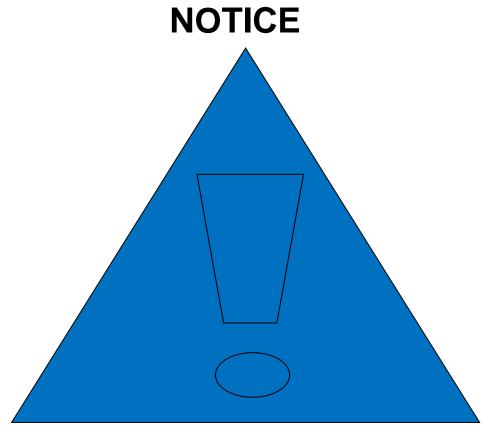


# SECURE CORN HEADER AGAINST UNWANTED LOWERING BY APPLYING THE LOCKING MECHANISM ON THE HYDRAULIC CYLINDERS!



- 1. Attach head to combine, lock head to combine
- 2. Raise the head off the ground and engage safety stop on the feeder house cylinder.
- 3. Apply combine parking brake, turn off combine engine, and remove the key
- 4. Wear personal protective equipment during installation: steel toe footwear, safety glasses, & gloves

# FOLLOW ALL INSTRUCTIONS GIVEN BY THE COMBINE MANUFACTURER



Subject to the size and weight of the corn header, one or two additional hydraulic cylinders may be required.

The combine manufacturer generally keeps corresponding kits readily available for dealers.

Subject to the design of the corn header and the carrying capacity of different combines, the steering axle may require the fitting of additional weights and the rear tires be filled with ballast.

# FOLLOW ALL INSTRUCTIONS GIVEN BY THE COMBINE MANUFACTURER

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DEVASTATOR OPERATION CHECKLIST
Please fill this out after the Yetter Stalk Devastator has been installed.  DATE// YETTER KIT # - 5000 CORN HEAD MAKE/MODEL
COMBINE MAKE/MODEL FRONT TIRE SIZE REAR TIRE SIZE
REAR AXLE POSITION SNAPPING ROLLS USING CHOPPING BLADES YES / NO
DECK PLATE ANGLE° (USE ANGLE FINDER) SNAPPING ROLL HEIGHT (OPERATING POSITION)INCHES
HARVEST SPEEDMPH HEAD SPEAD ANGLE TORSION ARM (OPERATING POSITION - USE ANGLE FINDER)
HEAD CART INFO:
MAKE/MODEL LENGTH TIRE SIZE
BEFORE INSTALLATION BEGINS, PLEASE CHECK THAT ALL PARTS WERE RECEIVED BY GOING THROUGH THE
CRATE AND SORTING THE PARTS!!!
5000-025D – JD 606C, 643, 693, 706C, C6R & Wheel tracks only for 612C, 712, 1243, 1293, C12F/R, 616C, 716 & C16F/R Part List: 1) 5000-165, 4) 5000-190, 4) 5000-191, 2) 5000-2010, 2) 5000-2011, 4) 5000-202, 2) 5000-275, 2) 5000-275A, 4) 5000-355
<b>5000-026D – JD 608C, 708C, 843, 893, &amp; C8R Part List:</b> 1) 5000-165, 6) 5000-190, 6) 5000-191, 2) 5000-192, 3) 5000-2010, 3) 5000-2011, 6) 5000-202, 1) 5000-203B, 1) 5000-255, 2) 5000-272, 2) 5000-275A, 6) 5000-355
<b>5000-027D – JD 612C, 712C, 1243, 1293, C12F &amp; C12R Part List:</b> 1) 5000-165, 8) 5000-190, 8) 5000-191, 2) 5000-192, 4) 5000-2010, 4) 5000-2011, 8) 5000-202, 4) 5000-272, 4) 5000-275A, 8) 5000-355
<b>5000-028D – JD 616C, 716C, &amp; C16R Part List:</b> 1) 5000-165, 12) 5000-190, 12) 5000-191, 6) 5000-2011, 12) 5000-202, 2) 5000-203B, 2) 5000-255, 4) 5000-272, 4) 5000-275A, 12) 5000-355
<b>5000-034C – JD 612FC, 712FC Folding Part List:</b> 1) 5000-165, 8) 5000-190, 4) 5000-191, 4) 5000-193, 2) 5000-2010, 6) 5000-2011, 4) 5000-202, 4) 5000-263, 4) 5000-272, 4) 5000-275A, 8) 5000-355

### **BOLT TORQUE**

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

All hardware on the 5000 Devastator is either Grade 5 or Grade 8, unless otherwise noted. Grade 5 cap screws are marked with three radial lines on the head. Grade 8 cap screws are marked with six 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.

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 applied to the end of the handle or cheater bar, times the length of the handle or bar.

#### Use a torque wrench wherever possible

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

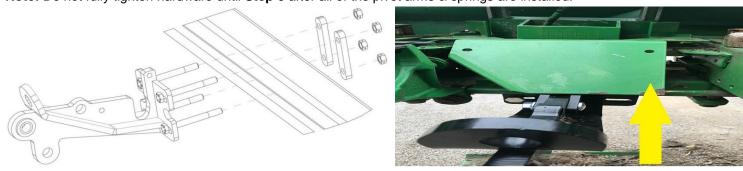
Bolt Diameter and Threads per Inch	Grade 2	Grade 5 A-325	Grade 8
1/4	6	10	14
5/16	12	20	30
3/8 –16	25	35	50
7/16 – 14	35	55	80
1/2 – 13	55	85	125
9/16 – 12	75	125	175
5/8 – 11	105	170	235
3/4-10	185	305	425
7/8 – 9	170	445	690
1-8	260	670	1030
1 1/8 – 7	365	900	1460
1 1/4 - 7	515	1275	2060
1 3/8 –6	675	1675	2700
1 1/2 - 6	900	2150	3500
1 3/4 – 5	1410	3500	5600

(606C, 643, 693, 706C, C6R or Wheel Track only on 12 & 16 row JD corn heads)



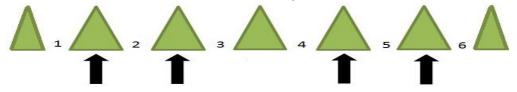
**Step 1:** Attach the 5000-202 mount brackets to the frame using the 5/8 x 6 bolts, mounting straps, and 5/8" lock hex nuts. Mounting Brackets will be located under the snouts between rows 1 & 2, 2 & 3, 4 & 5, and 5 & 6. Slide the mount bracket up so the deck plate adjustment rod is located in the cut out of the mount bracket. If corn head is equipped with protective shield (like pic with the arrow shows), you can either: remove each shield, cut a notch in each shield, or bend each shield upwards to gain clearance. The shields on a 90 series head will need removed.

Note: Do not fully tighten hardware until Step 6 after all of the pivot arms & springs are installed.



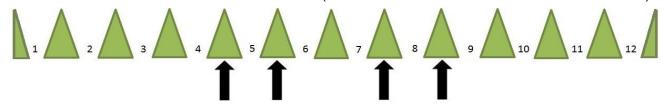
#### 6 Row

Arrows indicate 5000-202 mount bracket locations, mounts will go on front side of frame, straps on back side of frame.



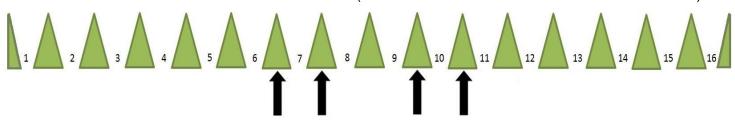
#### 12 Row Wheel Tracks

Arrows indicate 5000-202 mount bracket locations (rows 3/4 & 4/5 and 8/9 & 9/10 could also be used)

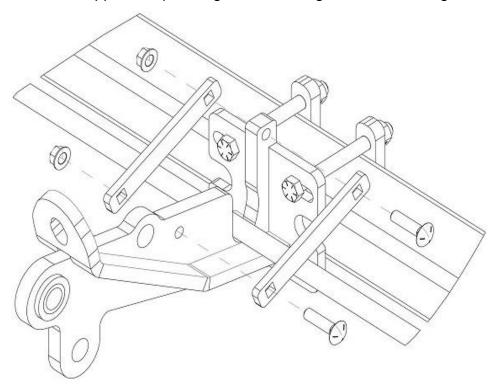


#### 16 Row Wheel Tracks

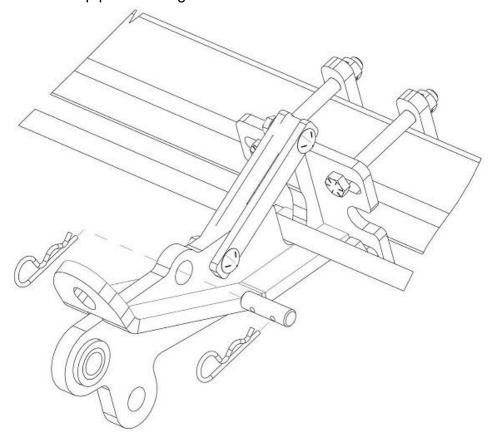
Arrows indicate 5000-202 mount bracket locations (rows 5/6 & 6/7 and 9/10 & 10/11 could also be used)



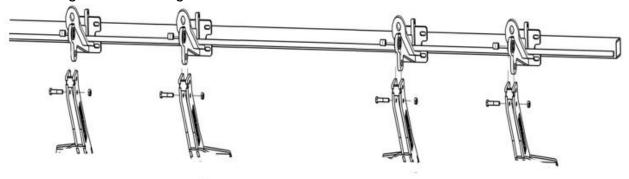
**Step 2:** Attach the 5000-309 support straps using ½" x 2 carriage bolts & ½" flange lock nuts, tighten.



Step 3: Install 5000-323 lock-up pin in storage location on each mount bracket. Secure with hairpin clips.



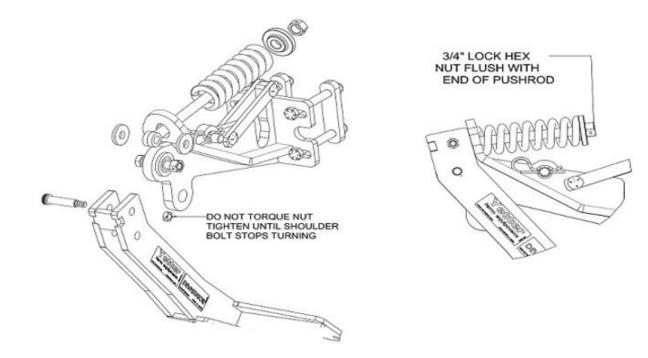
**Step 4:** Attach the pivot arms to the mount brackets using 5/8" X 3" bolts, pivot bushings, & lock hex nuts. Use the model below to determine where the LH & RH pivot arms get installed. Tighten this hardware.



**Step 5:** Install the push rods into the mount brackets then attach to the pivot arms with the 5/8" shoulder bolts, washers, and  $\frac{1}{2}$ " jam lock nuts.

The washers are installed on each side of the "eye" of the push rod.

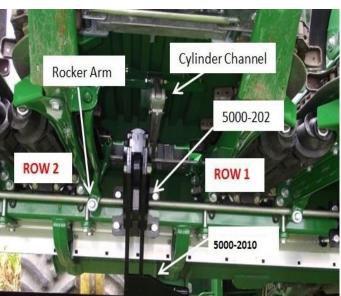
Now install the compression spring, spring bushing, and  $\frac{3}{4}$ " lock hex nuts. Tighten the hardware from **Step 5** to the specification in the diagram below.



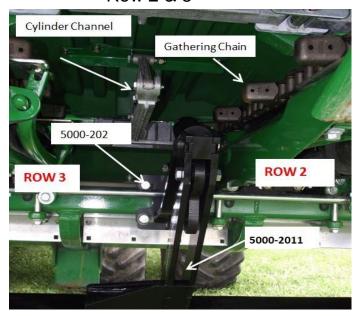
Tightening the nut on the spring bushing more will result in added down pressure.

**Step 6:** Secure the mounting bracket installed in **Step 1** at this time by tightening the 5/8 X 6" bolts & 5/8 lock nuts. Make sure the compression spring clears the cylinder channel as well as the rocker arm of the deck plate adjustment. The offset pivot arm clamp (5000-2010 & 5000-2011) should be under the center of the snout, not directly under the row.

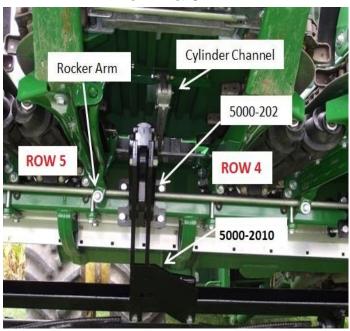
Row 1 & 2



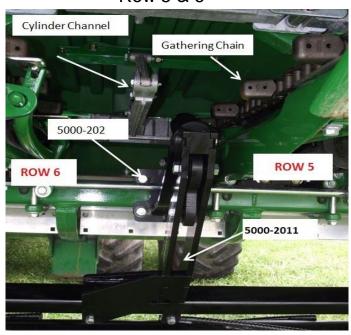
Row 2 & 3



Row 4 & 5



Row 5 & 6

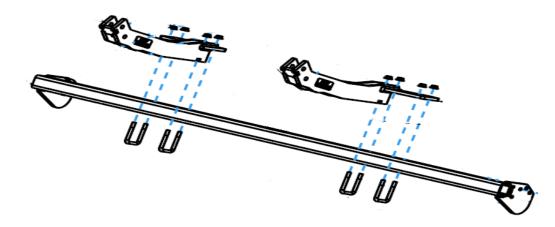


On 12 row heads installing on wheel tracks only, the top pictures on this page will illustrate rows 4 & 5 and 5 & 6. The bottom pictures on this page will illustrate rows 7 & 8 and 8 & 9.

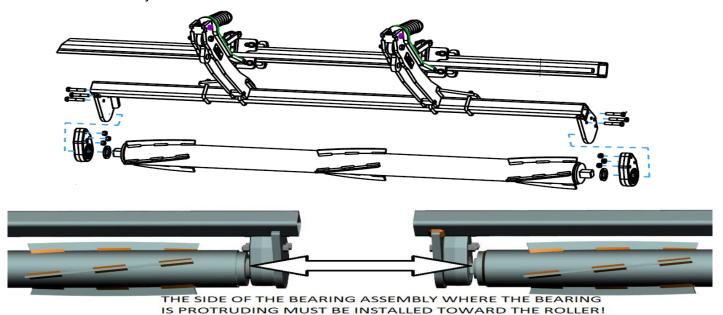
On 16 row heads installing on wheel tracks only, the top pictures on this page will illustrate rows 6 & 7 and 7 & 8. The bottom pictures on this page will illustrate rows 9 & 10 and 10 & 11.

**Step 7:** Install the Roller Arm Mount Tube to the pivot arms. Do not tighten this hardware until after the rollers have been installed in **Step 8**.

Install the Roller Arm Mount Tube on so that the bearing support tab is on the back side to help support the bearings.



**Step 8:** Insert the shim washer over the shaft on each end of the roller. Install the bearing over the shaft on each end of the roller so that the side of the casting that has the bearing protruding past the housing surface is towards the roller barrel & shim washer. Lift each roller into place, traction bar in front of the rebar, so that the bolt holes on the cast line up with the mounting tabs on the roller arm mount tube. Install the ½" X 2 ½" bolts & tighten the ½" lock nuts. Once the roller & bearing hardware is fastened, spin the roller to ensure the bearing was installed correctly. If the roller was installed incorrectly, the roller will not spin or will have drag. Slide the roller mount tube to gain clearance on each end of the corn head & then tighten the hardware from **Step 7**. The traction bars DO NOT have to be directly centered under each row.



BEARING HOUSING SHOULD BE LUBRICATED WITH POLYUREA GREASE BEFORE USE AND THEN EVERY 100 HOURS OF OPERATION

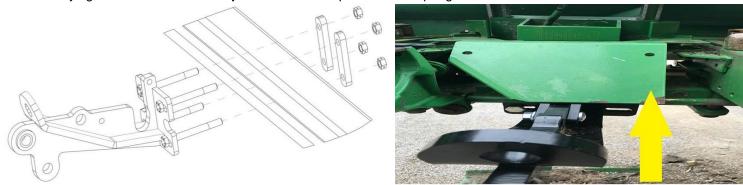


(JD 608C, 708C, 843, 893, & C8R)

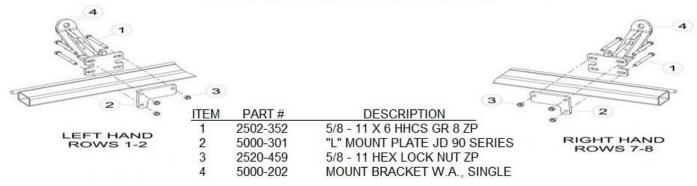


**Step 1:** Attach the 5000-202 mount brackets to the frame using the 5/8 x 6 bolts, mounting straps, & 5/8" lock hex nuts. Mounting Brackets will be located under the snouts between rows 1 & 2, 2 & 3, 3 & 4, 5 & 6, 6 & 7, and 7 & 8. Slide the mount bracket up so the deck plate adjustment rod is located in the cut out of the mount bracket. On JD 893 corn heads, use the 5000-301 L Clamp Plate with the mounting brackets between rows 1 & 2 and 7 & 8 If corn head is equipped with protective shield (like pic with the arrow shows), you can either: remove each shield, cut a notch in each shield, or bend each shield upwards to gain clearance. The shields on a 90 series head will need removed.

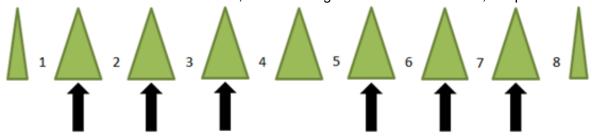
Do not fully tighten hardware until Step 6 after all of the pivot arms & springs are installed.



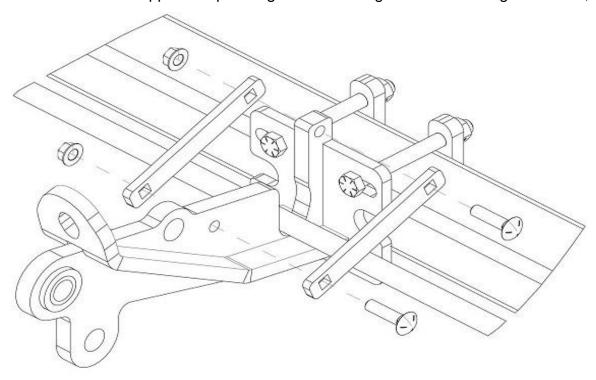
MOUNTING BRACKET ASSEMBLY INSTRUCTIONS (ROW 1-2 AND 7-8) JD 893 (8 ROW) CORN HEAD (ONLY)



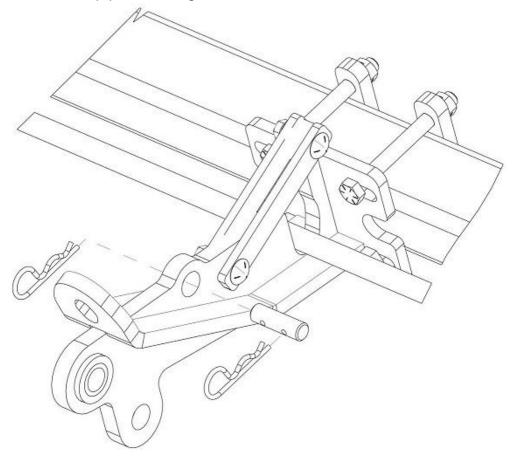
Arrows indicate 5000-202 mount bracket locations, mounts will go on front side of frame, straps on back side of frame.



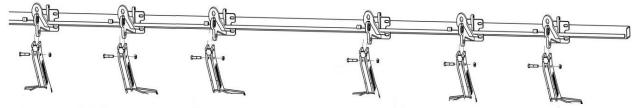
Step 2: Attach the 5000-309 support straps using ½" x 2" carriage bolts & ½" flange lock nuts, tighten.



Step 3: Install 5000-323 lock-up pin in storage location on each mount bracket. Secure with hairpin clips.



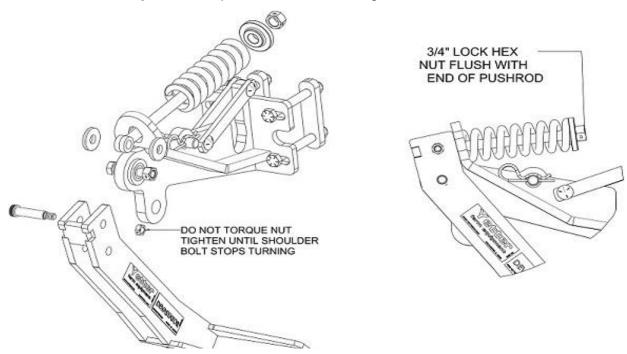
**Step 4:** Attach the pivot arms to the mount brackets using 5/8" X 3" bolts, pivot bushings, & 5/8" lock hex nuts. Use the model below to determine where the LH & RH pivot arms get installed. Tighten this hardware.



**Step 5:** Install the push rods into the mount brackets then attach to the pivot arms with the 5/8" shoulder bolts, washers, and  $\frac{1}{2}$ " jam lock nuts.

The washers are installed on each side of the "eye" of the push rod.

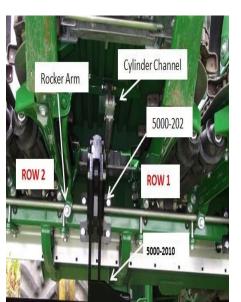
Now install the compression spring, spring bushing, and  $\frac{3}{4}$ " lock hex nuts. Tighten the hardware from **Step 5** to the specification in the diagram below.



Tightening the nut on the spring bushing more will result in added down pressure.

**Step 6:** Secure the mounting bracket installed in **Step 1** at this time by tightening the 5/8 X 6" bolts & 5/8" lock nuts. Make sure the compression spring clears the cylinder channel as well as the rocker arm of the deck plate adjustment. The offset pivot arm clamp should be under the snout, not directly under the row.

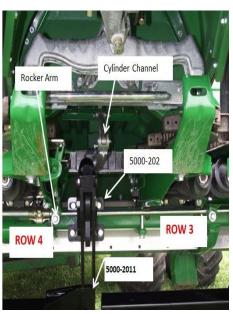
Row 1 & 2



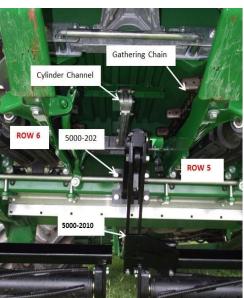
Row 2 & 3



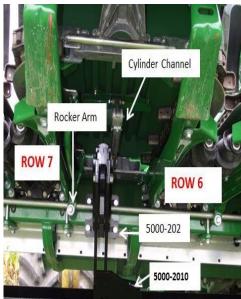
Row 3 & 4



Row 5 & 6



Row 6 & 7

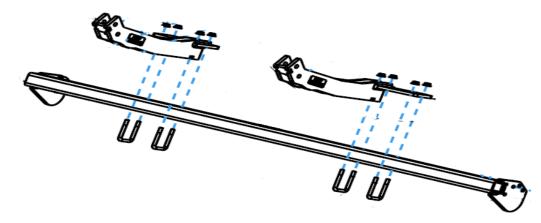


Row 7 & 8

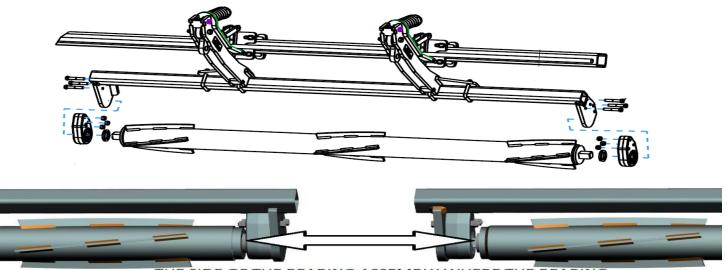


**Step 7:** Install the Roller Arm Mount Tube to the pivot arms. Do not tighten this hardware until after the rollers have been installed in **Step 8**.

Install the 2 & 3 row Roller Arm Mount Tube on so that the bearing support tab is on the back side to help support the bearings.



**Step 8:** Insert the shim washer over the shaft on each end of the roller. Install the bearing over the shaft on each end of the roller so that the side of the casting that has the bearing protruding past the housing surface is towards the roller barrel & shim washer. Lift each roller into place, traction bar in front of the rebar, so that the bolt holes on the cast line up with the mounting tabs on the roller arm mount tube. Install the ½" X 2 ½" bolts and tighten the ½" lock nuts. Once the roller & bearing hardware is fastened, spin the roller to ensure the bearing was installed correctly. If the roller was installed incorrectly, the roller will not spin or will have drag. Slide the roller mount tube to gain clearance on each end of the corn head & then tighten the hardware from **Step 7**. The traction bars DO NOT have to be directly centered under each row.



THE SIDE OF THE BEARING ASSEMBLY WHERE THE BEARING IS PROTRUDING MUST BE INSTALLED TOWARD THE ROLLER!

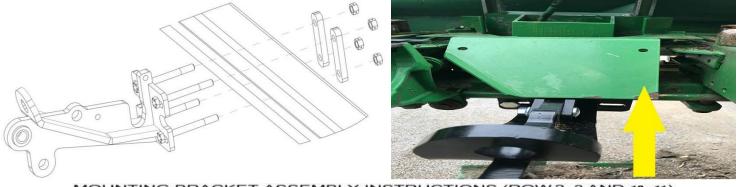
BEARING HOUSING SHOULD BE LUBRICATED WITH POLYUREA GREASE BEFORE USE AND THEN EVERY 100 HOURS OF OPERATION



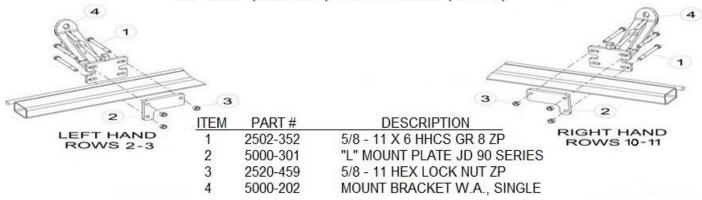
(JD 612C, 712C, 1243, 1293, C12F & C12R)



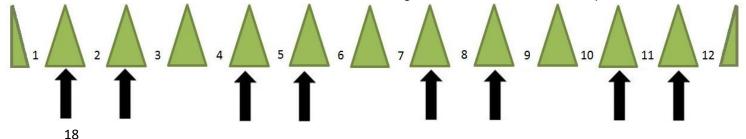
**Step 1:** Attach the 5000-202 mount brackets to the frame using the 5/8 x 6 bolts, mounting straps, & 5/8" lock hex nuts. Mounting Brackets will be located under the snouts between rows 1 & 2, 2 & 3, 4 & 5, 5 & 6, 7 & 8, 8 & 9, 10 & 11, and 11 & 12. Slide the mount bracket up so the deck plate adjustment rod is located in the cut out of the mount bracket. On JD 1293 corn heads, use the 5000-301 L Clamp Plate with the mounting brackets between rows 2 & 3 and 10 & 11. If corn head is equipped with protective shield (like pic with the arrow shows), you can either: remove each shield, cut a notch in each shield, or bend each shield upwards to gain clearance. The shields on a 90 series head will need removed. Do not fully tighten hardware until **Step** 6 after all of the pivot arms & springs are installed.



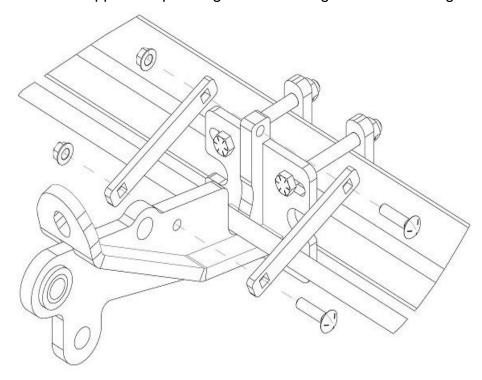
MOUNTING BRACKET ASSEMBLY INSTRUCTIONS (ROW 2-3 AND 10-11) JD 1293 (12 ROW) CORN HEAD (ONLY)



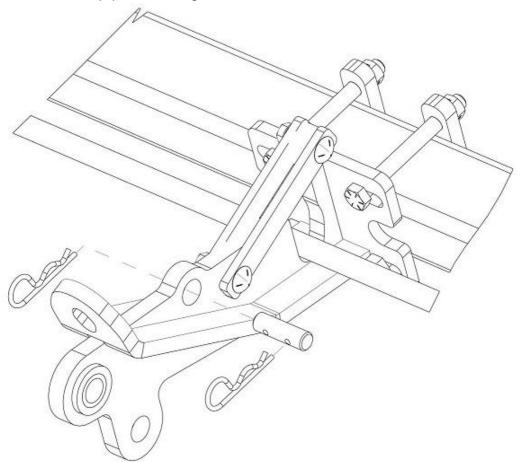
Arrows indicate 5000-202 mount bracket locations, mounts will go on front side of frame, straps on back side of frame.



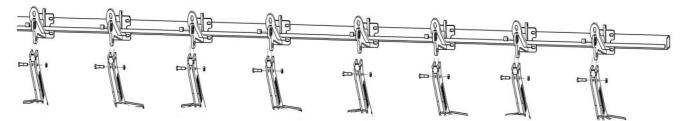
Step 2: Attach the 5000-309 support straps using ½" x 2" carriage bolts & ½" flange lock nuts, tighten.



Step 3: Install 5000-323 lock-up pin in storage location on each mount bracket. Secure with hairpin clips.



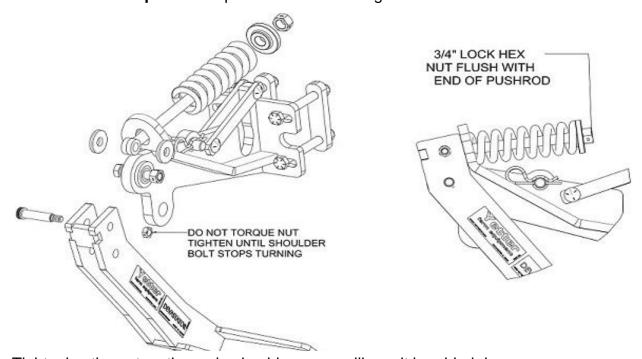
**Step 4:** Attach the pivot arms to the mount brackets using 5/8" X 3" bolts, pivot bushings, & 5/8" lock hex nuts. Use the model below to determine where the LH & RH pivot arms get installed. Tighten this hardware.



**Step 5:** Install the push rods into the mount brackets then attach to the pivot arms with the 5/8" shoulder bolts, washers, and  $\frac{1}{2}$ " jam lock nuts.

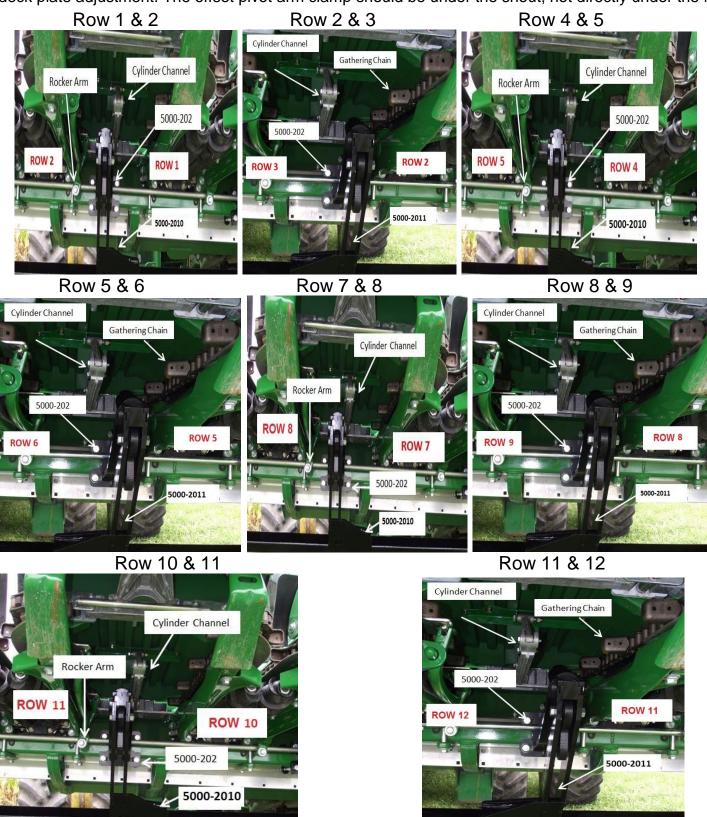
The washers are installed on each side of the "eye" of the push rod.

Now install the compression spring, spring bushing, and ¾" lock hex nuts. Tighten the hardware from **Step 5** to the specification in the diagram below.



Tightening the nut on the spring bushing more will result in added down pressure.

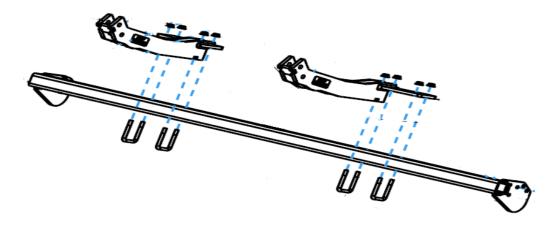
**Step 6:** Secure the mounting bracket installed in **Step 1** at this time by tightening the 5/8 X 6" bolts & 5/8 lock nuts. Make sure the compression spring clears the cylinder channel as well as the rocker arm of the deck plate adjustment. The offset pivot arm clamp should be under the snout, not directly under the row.



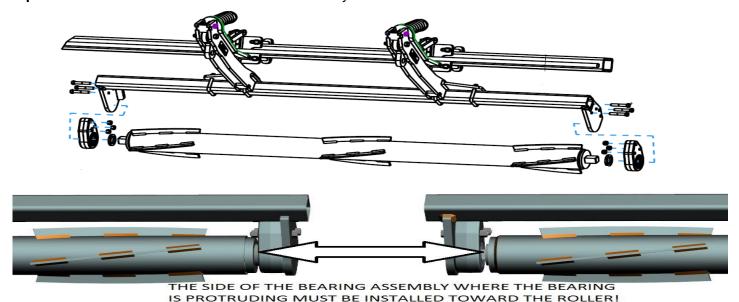
**5000-027D ASSEMBLY INSTRUCTIONS** 

**Step 7:** Install the Roller Arm Mount Tube to the pivot arms. Do not tighten this hardware until after the rollers have been installed in **Step 8**.

Install the Roller Arm Mount Tube on so that the bearing support tab is on the back side to help support the bearings.



**Step 8:** Insert the shim washer over the shaft on each end of the roller. Install the bearing over the shaft on each end of the roller so that the side of the casting that has the bearing protruding past the housing surface is towards the roller barrel & shim washer. Lift each roller into place, traction bar in front of the rebar, so that the bolt holes on the cast line up with the mounting tabs on the roller arm mount tube. Install the ½" X 2 ½" bolts and tighten the ½" lock nuts. Once the roller & bearing hardware is fastened, spin the roller to ensure the bearing was installed correctly. If the roller was installed incorrectly, the roller will not spin or will have drag. Slide the roller mount tube to gain clearance on each end of the corn head & then tighten the hardware from **Step 7**. The traction bars DO NOT have to be directly under the row.



BEARING HOUSING SHOULD BE LUBRICATED WITH POLYUREA GREASE BEFORE USE AND THEN EVERY 100 HOURS OF OPERATION

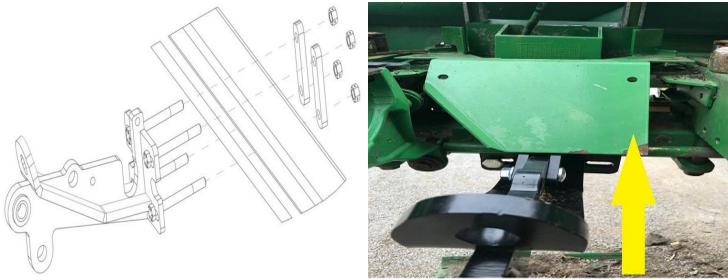


#### (JD 616C, 716C, & C16R)

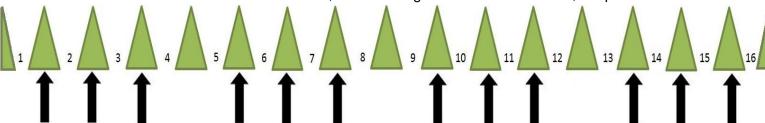


**Step 1:** Attach the 5000-202 mount brackets to the frame using the 5/8 x 6 bolts, mounting straps, & 5/8" lock hex nuts. Mounting Brackets will be located under the snouts between rows 1 & 2, 2 & 3, 4 & 5, 5 & 6, 7 & 8, 8 & 9, 10 & 11, and 11 & 12. Slide the mount bracket up so the deck plate adjustment rod is located in the cut out of the mount bracket. If corn head is equipped with protective shield (like pic with the arrow shows), you can either: remove each shield, cut a notch in each shield, or bend each shield upwards to gain clearance. The shields on a 90 series head will need removed.

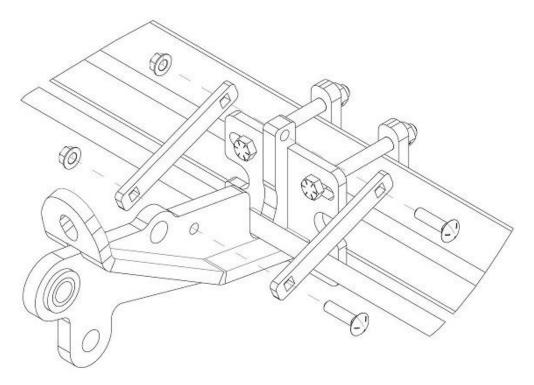
Do not fully tighten hardware until **Step 6** after all of the pivot arms & springs are installed.



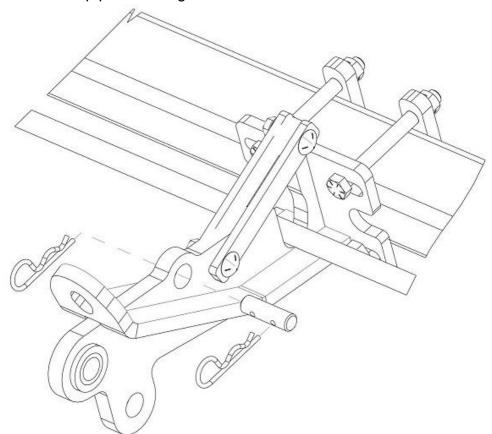
Arrows indicate 5000-202 mount bracket locations, mounts will go on front side of frame, straps on back side of frame.



**Step 2:** Attach the 5000-309 support straps using ½" x 2" carriage bolts & ½" flange lock nuts, tighten.

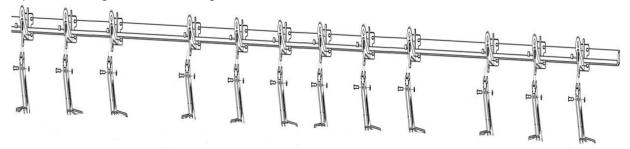


Step 3: Install 5000-323 lock-up pin in storage location on each mount bracket. Secure with hairpin clips.



**5000-028D ASSEMBLY INSTRUCTIONS** 

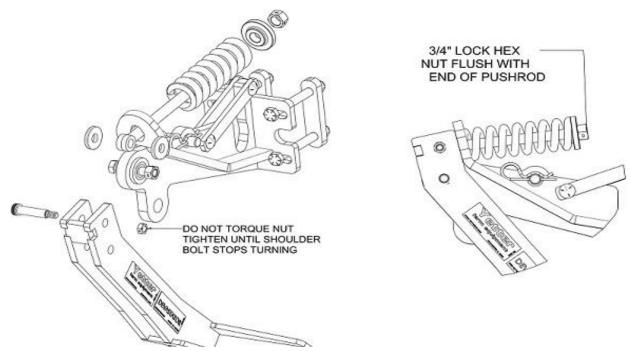
**Step 4:** Attach the pivot arms to the mount brackets using 5/8" X 3" bolts, pivot bushings, & 5/8" lock hex nuts. Use the model below to determine where the LH & RH pivot arms get installed. Tighten this hardware.



**Step 5:** Install the push rods into the mount brackets then attach to the pivot arms with the 5/8" shoulder bolts, washers, and  $\frac{1}{2}$ " jam lock nuts.

The washers are installed on each side of the "eye" of the push rod.

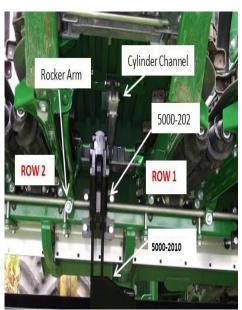
Now install the compression spring, spring bushing, and  $\frac{3}{4}$ " lock hex nuts. Tighten the hardware from **Step 5** to the specification in the diagram below.

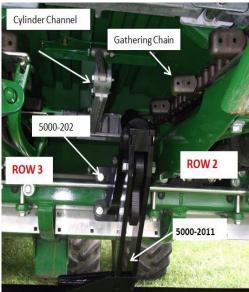


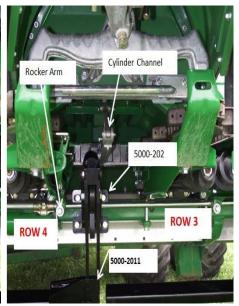
Tightening the nut on the spring bushing more will result in added down pressure.

**Step 6:** Secure the mounting bracket installed in **Step 1** at this time by tightening the 5/8 X 6" bolts & 5/8 lock nuts. Make sure the compression spring clears the cylinder channel as well as the rocker arm of the deck plate adjustment. The offset pivot arm clamp should be under the snout, not directly under the row.

Row 1 & 2 Row 2 & 3 Row 3 & 4

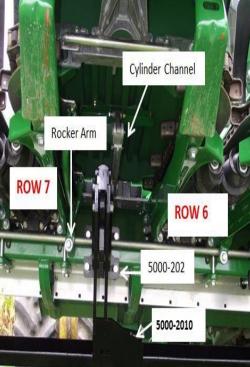






Row 5 & 6 Row 6 & 7 Row 7 & 8



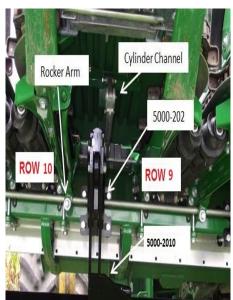


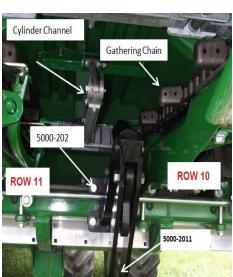


5000-028D ASSEMBLY INSTRUCTIONS

**Step 6:** Secure the mounting bracket installed in **Step 1** at this time by tightening the 5/8 X 6" bolts & 5/8 lock nuts. Make sure the compression spring clears the cylinder channel as well as the rocker arm of the deck plate adjustment. The offset pivot arm clamp should be under the snout, not directly under the row.

deck plate adjustment. The offset pivot arm clamp should be under the snout, not directly under the Row 9 & 10 Row 10 & 11 Row 11 & 12







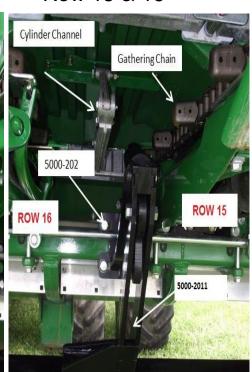
Row 13 & 14

Row 14 & 15

Row 15 & 16

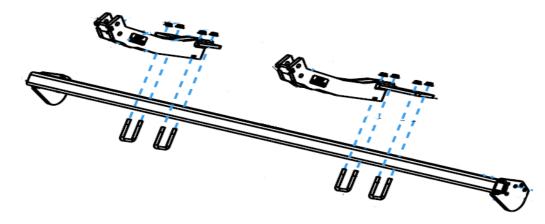




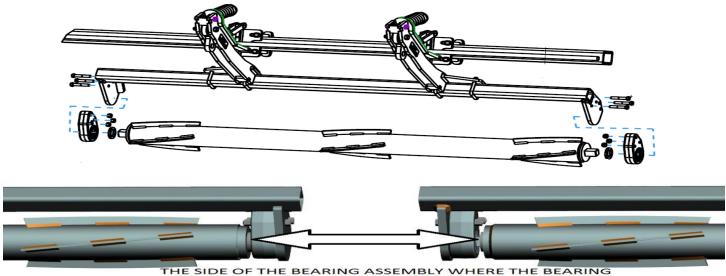


**Step 7:** Install the Roller Arm Mount Tube to the pivot arms. Do not tighten this hardware until after the rollers have been installed in **Step 8**.

Install the 2 & 3 row Roller Arm Mount Tube on so that the bearing support tab is on the back side to help support the bearings.



**Step 8:** Insert the shim washer over the shaft on each end of the roller. Install the bearing over the shaft on each end of the roller so that the side of the casting that has the bearing protruding past the housing surface is towards the roller barrel & shim washer. Lift each roller into place, traction bar in front of the rebar, so that the bolt holes on the cast line up with the mounting tabs on the roller arm mount tube. Install the ½" X 2 ½" bolts and tighten the ½" lock nuts. Once the roller & bearing hardware is fastened, spin the roller to ensure the bearing was installed correctly. If the roller was installed incorrectly, the roller will not spin or will have drag. Slide the roller mount tube to gain clearance on each end of the corn head & then tighten the hardware from **Step 7**. The traction bars DO NOT have to be directly under the row.



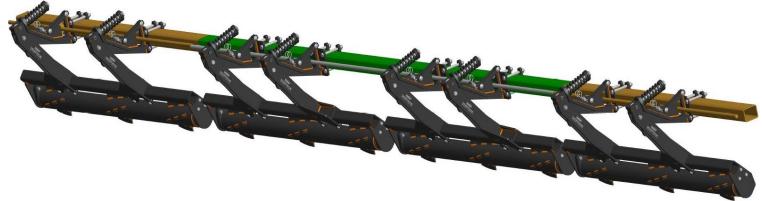
THE SIDE OF THE BEARING ASSEMBLY WHERE THE BEARING IS PROTRUDING MUST BE INSTALLED TOWARD THE ROLLER!

BEARING HOUSING SHOULD BE LUBRICATED WITH POLYUREA GREASE BEFORE USE AND THEN EVERY 100 HOURS OF OPERATION



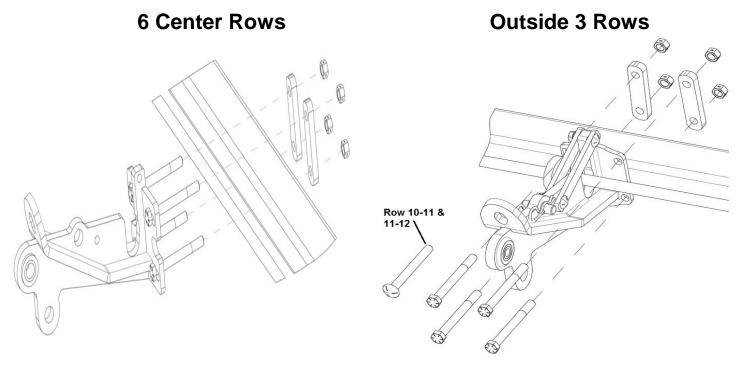
## 5000-034C ASSEMBLY INSTRUCTIONS

#### (JD 612FC, 712FC)

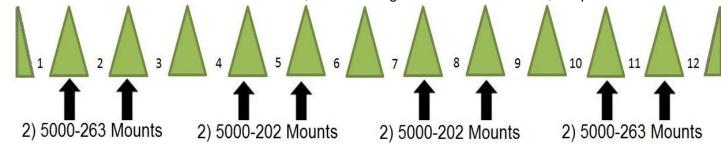


**Step 1:** Attach the 5000-202 mount brackets to the frame between rows 4 & 5, 5 & 6, 7 & 8, and 8 & 9 using the 5/8 x 6 bolts, mounting straps, & 5/8" lock hex nuts. Attach the 5000-263 mount brackets to the frame between rows 1 & 2, 2 & 3, 10 & 11, and 11 & 12. The 5000-263 mounts between rows 1 & 2 and 2 & 3 will use 5/8 X 6 bolts, mounting straps, & 5/8" lock nuts. The 5000-263 mounts between rows 10 & 11 and 11 & 12 will each use 3) 5/8 X 6 bolts & 1) 5/8 X 6 Carriage bolts (1 used on the top left of each mount on these rows), mounting straps, and 5/8" lock nuts. Slide the mount bracket up so the deck plate adjustment rod is located in the cut out of the mount bracket.

Note: Do not fully tighten hardware until Step 6 after all of the pivot arms & springs are installed.

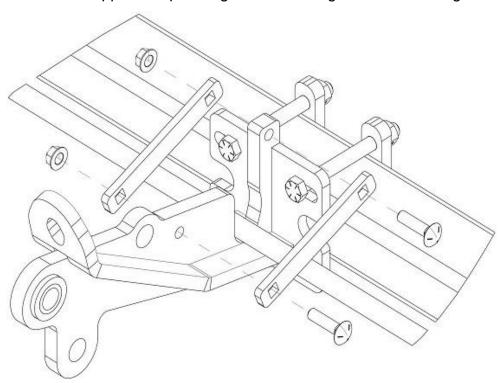


Arrows indicate 5000-202 mount bracket locations, mounts will go on front side of frame, straps on back side of frame.

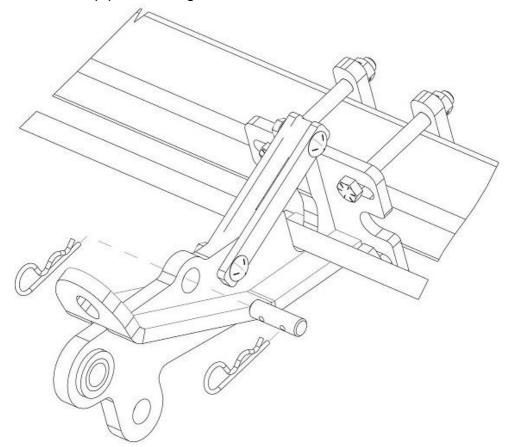


5000-034C ASSEMBLY INSTRUCTIONS

Step 2: Attach the 5000-309 support straps using ½" x 2" carriage bolts & ½" flange lock nuts, tighten.

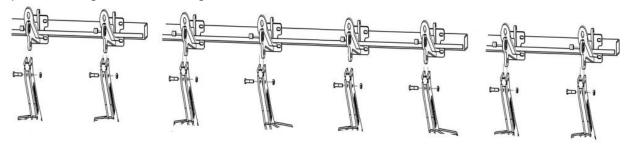


Step 3: Install 5000-323 lock-up pin in storage location on each mount bracket. Secure with hairpin clips.



**5000-034C ASSEMBLY INSTRUCTIONS** 

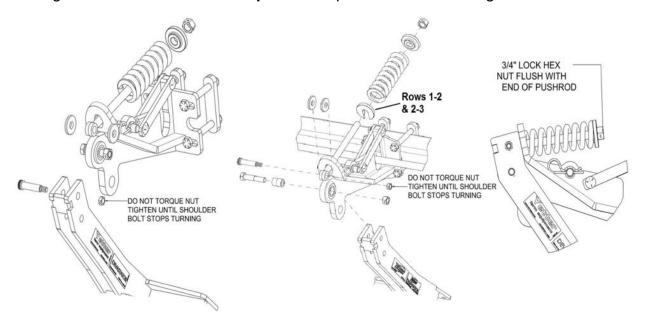
**Step 4:** Attach the pivot arms to the mount brackets using 5/8" X 3" bolts, pivot bushings, & 5/8" lock hex nuts. Use the model below to determine where the LH & RH pivot arms get installed. Tighten this hardware.



**Step 5:** Install the push rods into the mount brackets then attach to the pivot arms with the 5/8" shoulder bolts, washers, and  $\frac{1}{2}$ " jam lock nuts.

The washers are installed on each side of the "eye" of the push rod.

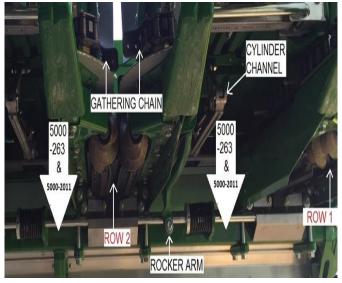
Now install the compression spring, spring bushing, and  $\frac{3}{4}$ " lock hex nuts. The 5000-402 wedge will need installed between the compression spring and the mount bracket between rows 1 & 2 and 2 & 3 to keep the spring from contacting the gathering chains. Tighten the hardware from **Step 5** to the specification in the diagram below.



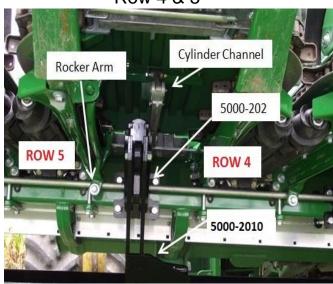
Tightening the nut on the spring bushing more will result in added down pressure.

### **5000-034C ASSEMBLY INSTRUCTIONS**

Row 1 & 2 and 2 & 3



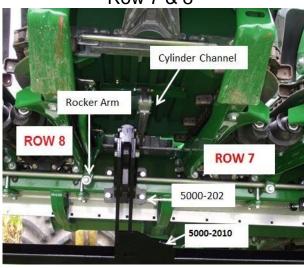
Row 4 & 5



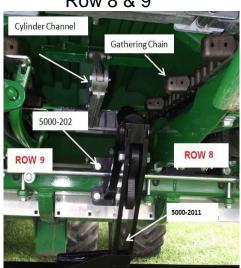
Row 5 & 6



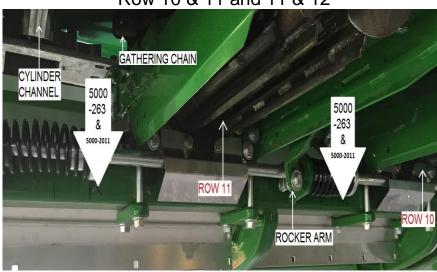
Row 7 & 8



Row 8 & 9

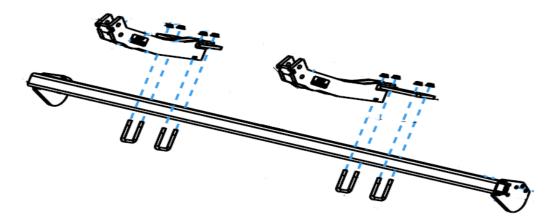


Row 10 & 11 and 11 & 12

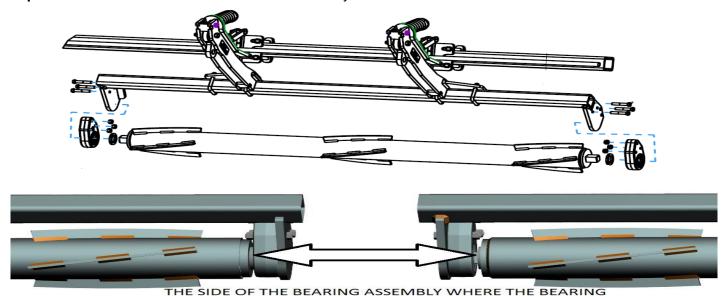


**5000-034C ASSEMBLY INSTRUCTIONS** 

**Step 7:** Install the Roller Arm Mount Tube to the pivot arms. Do not tighten this hardware until after the rollers have been installed in **Step 8**.



**Step 8:** Insert the shim washer over the shaft on each end of the roller. Install the bearing over the shaft on each end of the roller so that the side of the casting that has the bearing protruding past the housing surface is towards the roller barrel & shim washer. Lift each roller into place, traction bar in front of the rebar, so that the bolt holes on the cast line up with the mounting tabs on the roller arm mount tube. Install the ½" X 2 ½" bolts and tighten the ½" lock nuts. Once the roller & bearing hardware is fastened, spin the roller to ensure the bearing was installed correctly. If the roller was installed incorrectly, the roller will not spin or will have drag. Slide the roller mount tube to gain clearance on each end of the corn head & then tighten the hardware from **Step 7**. The traction bars DO NOT have to be directly under the row.



BEARING HOUSING SHOULD BE LUBRICATED WITH POLYUREA GREASE BEFORE USE AND THEN EVERY 100 HOURS OF OPERATION



IS PROTRUDING MUST BE INSTALLED TOWARD THE ROLLER!

#### **OPERATION**

**CORN HEAD ANGLE** SHOULD BE BETWEEN 23 – 25° FOR OPTIMUM DEVASTATATOR PERFORMANCE. USE THE 5000-455 TO CHECK CORN HEAD ANGLE:

- Put the combine on a level surface. Lower the Corn head to your normal working head height.
- Place the magnetic protractor on the stripper plate to get the angle. Adjust the feeder house as needed, fore or aft, to achieve 23 – 25 degrees.



# BEARING REPLACEMENT/MAINTENANCE

Put the bearing housing in a vice, use a pry bar to turn the bearing in the housing parallel with the slots, remove the old bearing, apply anti-seize lubricant to the interior of the bearing housing, insert the new bearing in the slots, & use a pry bar to move back to position. Wobble the bearing around to help work the lubricant into the outer race of the bearing.

NOTE: BEARING HOUSING SHOULD BE LUBRICATED WITH POLYUREA GREASE BEFORE USE AND THEN EVERY 100 HOURS OF OPERATION

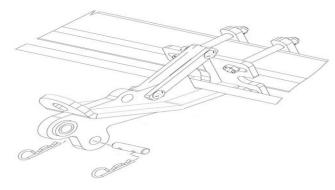


#### **STORAGE**

When storing the corn head for the offseason, it is OK for the 5000 Stalk Devastators to hold some weight of the corn head whether stored on the ground or on a trailer. Removing compression springs may help extend the service life.

#### **LOCKING UP THE 5000 SERIES STALK DEVASTATOR**



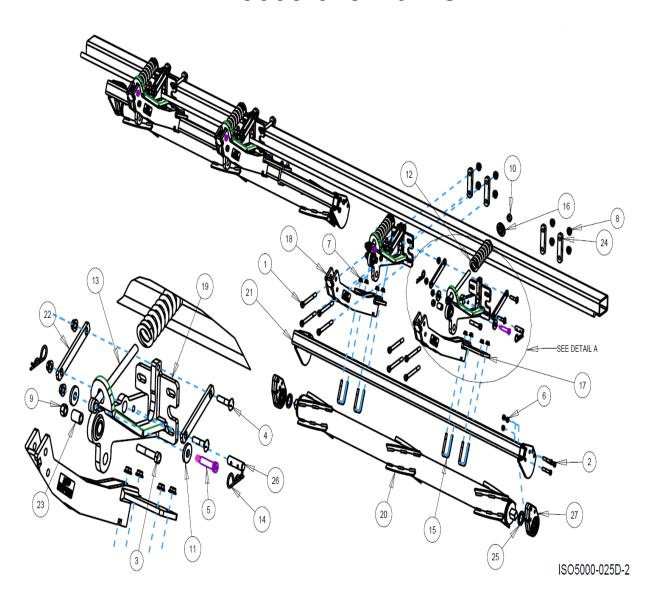


# PART IDENTIFICATION 5000-025C 6 ROW



ITEM	PART#	DESCRIPTION	QTY
1	2502-352	5/8 – 11 X 6 HHCS GR 8	16
2	2502-353	½ – 13 X 2.5 HHCS GR 8	12
3	2502-385	5/8-11 X 3.25 HHCS GR 5	4
4	2502-819	½ – 13 X 2.25 CARRIAGE BOLT GR 5	8
5	2510-121	5/8 SHOULDER BOLT, 2 ¼ SHOULDER, ½ – 13 THREAD	4
6	2520-358	½ - 13 LOCK HEX NUT, GR 8	12
7	2520-368	½ - 13 FLANGE WHIZ LOCK HEX NUT, GR 8	28
8	2520-476	5/8-11 HEX FLANGE NUT GR 8	16
9	2520-603	5/8-11 HEX TOP LOCK GR 8	4
10	2520-604	3/4-10 HEX TOP LOCK GR 8	4
11	2526-449	5/8 FLAT WASHER, ¼ THICK	8
12	2550-709	1/2 WIRE 2 1/2 OD X 1 1/2 ID X 7 1/4 COMPRESSION SPRING	4
13	2570-126	¾ X 10 EYEBOLT	4
14	2570-465	HAIRPIN COTTER	8
15	2570-690	U-BOLT ½-13 X 2.5 X 3.75	8
16	2975-302	SPRING BUSHING	4
17	5000-2010A	PIVOT ARM LEFT HAND U-BOLT MOUNT	2
18	5000-2011A	PIVOT ARM RIGHT HAND U-BOLT MOUNT	2
19	5000-202	MOUNT BRACKET	4
	2528-369	1.380 OD X 1.00 ID X 1.25 L BEARING SLEEVE	4
20	5000-272	3R30 ROLLER	2
21	5000-275A	3R30 ROLLER MOUNT	2
22	5000-309	SUPPORT STRAP	8
23	5000-318	PIVOT BUSHING	4
24	5000-319	MOUNT STRAP 3"	8
25	5000-322	SHIM WASHER	4
26	5000-323	LOCK UP PIN	4
27	5000-355	1 ¼ DISC HARROW BEARING, W209PPB5, HD ASSEMBLY	4
	2550-059	DEVASTATOR BEARING ONLY (NO CAST HOUSING)	4

# PART IDENTIFICATION 5000-025D 6 ROW

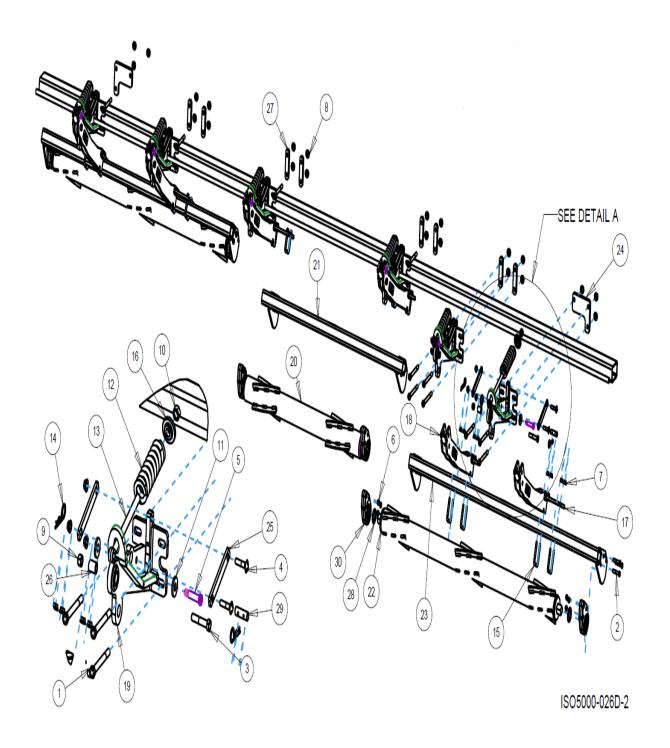


# PART IDENTIFICATION 5000-026D 8 ROW



ITEM	PART#	DESCRIPTION	QTY
1	2502-352	5/8 – 11 X 6 HHCS GR 8	22
2	2502-353	½ – 13 X 2.5 HHCS GR 8	
3	2502-385	5/8-11 X 3.25 HHCS GR 5	
4	2502-819	½ – 13 X 2.25 CARRIAGE BOLT GR 5	
5	2510-121	5/8 SHOULDER BOLT, 2 ¼ SHOULDER, ½ – 13 THREAD	6
6	2520-358	½ - 13 LOCK HEX NUT, GR 8	18
7	2520-368	½ - 13 FLANGE WHIZ LOCK HEX NUT, GR 8	42
8	2520-476	5/8-11 HEX FLANGE NUT GR 8	22
9	2520-603	5/8-11 HEX TOP LOCK GR 8	6
10	2520-604	3/4-10 HEX TOP LOCK GR 8	6
11	2526-449	5/8 FLAT WASHER, ¼ THICK	12
12	2550-709	1/2 WIRE 2 1/2 OD X 1 1/2 ID X 7 1/4 COMPRESSION SPRING	6
13	2570-126	3/4 X 10 EYEBOLT	
14	2570-465	HAIRPIN COTTER	
15	2570-690	HAIRPIN COTTER U-BOLT ½-13 X 2.5 X 3.75	
16	2975-302	SPRING BUSHING	
17	5000-2010A	PIVOT ARM LEFT HAND U-BOLT MOUNT	3
18	5000-2011A	PIVOT ARM RIGHT HAND U-BOLT MOUNT	3
19	5000-202	MOUNT BRACKET	6
	2528-369	1.380 OD X 1.00 ID X 1.25 L BEARING SLEEVE	6
20	5000-203B	ROLLER 48"	1
21	5000-255	ROLLER MOUNT 2 ROW	1
22	5000-272	3R30 ROLLER	2
23	5000-275A	3R30 ROLLER MOUNT	2
24	5000-301	MOUNT PLATE 90 SERIES	2
25	5000-309	SUPPORT STRAP	12
26	5000-318	PIVOT BUSHING	6
27	5000-319	MOUNT STRAP 3"	12
28	5000-322	SHIM WASHER	6
29	5000-323	LOCK UP PIN	6
30	5000-355	1 ¼ DISC HARROW BEARING, W209PPB5, HD ASSEMBLY	6
	2550-059	DEVASTATOR BEARING ONLY (NO CAST HOUSING)	6

## PART IDENTIFICATION 5000-026D 8 ROW

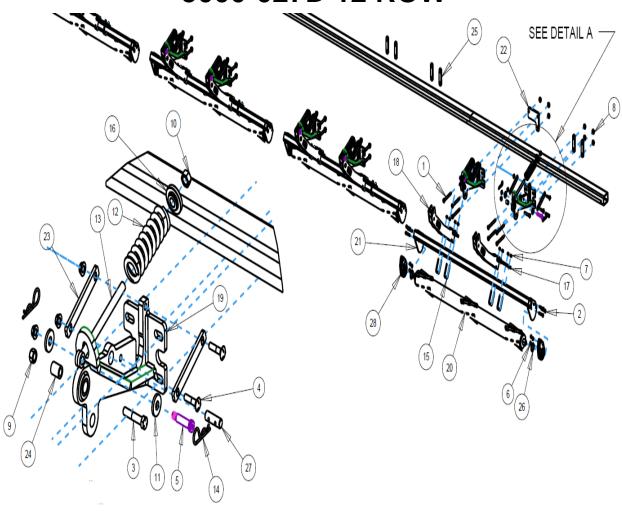


### PART IDENTIFICATION 5000-027D 12 ROW

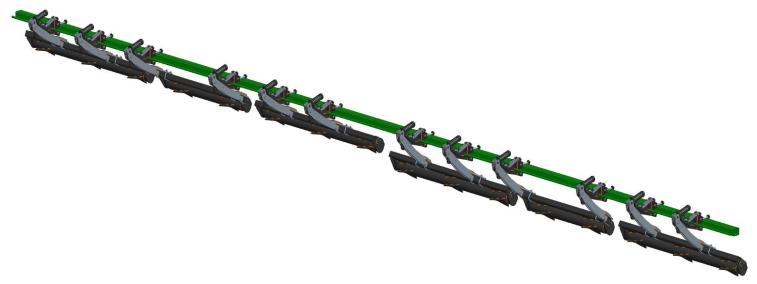


ITEM	PART#	DESCRIPTION	QTY
1	2502-352	5/8 – 11 X 6 HHCS GR 8	
2	2502-353	½ – 13 X 2.5 HHCS GR 8	
3	2502-385	5/8-11 X 3.25 HHCS GR 5	
4	2502-819	½ – 13 X 2.25 CARRIAGE BOLT GR 5	
5	2510-121	5/8 SHOULDER BOLT, 2 1/4 SHOULDER, 1/2 – 13 THREAD	8
6	2520-358	½ - 13 LOCK HEX NUT, GR 8	24
7	2520-368	½ - 13 FLANGE WHIZ LOCK HEX NUT, GR 8	56
8	2520-476	5/8-11 HEX FLANGE NUT GR 8	30
9	2520-603	5/8-11 HEX TOP LOCK GR 8	8
10	2520-604	34-10 HEX TOP LOCK GR 8	8
11	2526-449	5/8 FLAT WASHER, ¼ THICK	16
12	2550-709	1/2 WIRE 2 1/2 OD X 1 1/2 ID X 7 1/4 COMPRESSION SPRING	
13	2570-126	¾ X 10 EYEBOLT	
14	2570-465	HAIRPIN COTTER	
15	2570-690	U-BOLT ½-13 X 2.5 X 3.75	
16	2975-302	SPRING BUSHING	8
17	5000-2010A	PIVOT ARM LEFT HAND U-BOLT MOUNT	
18	5000-2011A	PIVOT ARM RIGHT HAND U-BOLT MOUNT	4
19	5000-202	MOUNT BRACKET	8
	2528-369	1.380 OD X 1.00 ID X 1.25 L BEARING SLEEVE	8
20	5000-272	3R30 ROLLER	4
21	5000-275A	3R30 ROLLER MOUNT	4
22	5000-301	MOUNT PLATE 90 SERIES	
23	5000-309	SUPPORT STRAP 1	
24	5000-318	PIVOT BUSHING	
25	5000-319	MOUNT STRAP 3"	
26	5000-322	SHIM WASHER 8	
27	5000-323	LOCK UP PIN 8	
28	5000-355	1 ¼ DISC HARROW BEARING, W209PPB5, HD ASSEMBLY	8
	2550-059	DEVASTATOR BEARING ONLY (NO CAST HOUSING)	8

# PART IDENTIFICATION 5000-027D 12 ROW

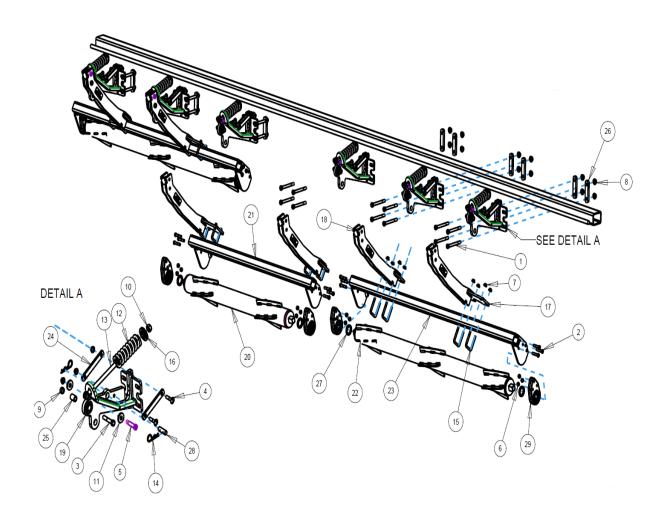


### PART IDENTIFICATION 5000-028D 16 ROW



ITEM	PART#	DESCRIPTION	QTY
1	2502-352	5/8 – 11 X 6 HHCS GR 8	48
2	2502-353	½ – 13 X 2.5 HHCS GR 8	
3	2502-385	5/8-11 X 3.25 HHCS GR 5	
4	2502-819	½ – 13 X 2.25 CARRIAGE BOLT GR 5	
5	2510-121	5/8 SHOULDER BOLT, 2 1/4 SHOULDER, 1/2 – 13 THREAD	12
6	2520-358	½ - 13 LOCK HEX NUT, GR 8	36
7	2520-368	½ - 13 FLANGE WHIZ LOCK HEX NUT, GR 8	84
8	2520-476	5/8-11 HEX FLANGE NUT GR 8	48
9	2520-603	5/8-11 HEX TOP LOCK GR 8	12
10	2520-604	3/4-10 HEX TOP LOCK GR 8	12
11	2526-449	5/8 FLAT WASHER, ¼ THICK	24
12	2550-709	1/2 WIRE 2 1/2 OD X 1 1/2 ID X 7 1/4 COMPRESSION SPRING	12
13	2570-126	3 <sub>4</sub> X 10 EYEBOLT	
14	2570-465	HAIRPIN COTTER	
15	2570-690	U-BOLT ½-13 X 2.5 X 3.75	
16	2975-302	SPRING BUSHING	12
17	5000-2010A	PIVOT ARM LEFT HAND U-BOLT MOUNT	6
18	5000-2011A	PIVOT ARM RIGHT HAND U-BOLT MOUNT	6
19	5000-202	MOUNT BRACKET	12
	2528-369	1.380 OD X 1.00 ID X 1.25 L BEARING SLEEVE	12
20	5000-203B	ROLLER 48"	2
21	5000-255	ROLLER MOUNT 2 ROW	2
22	5000-272	3R30 ROLLER	4
23	5000-275A	3R30 ROLLER MOUNT	4
24	5000-309	SUPPORT STRAP	24
25	5000-318	PIVOT BUSHING	12
26	5000-319	MOUNT STRAP 3"	24
27	5000-322	SHIM WASHER	12
28	5000-323	LOCK UP PIN	12
29	5000-355	1 ¼ DISC HARROW BEARING, W209PPB5, HD ASSEMBLY	12
	2550-059	DEVASTATOR BEARING ONLY (NO CAST HOUSING)	12

## PART IDENTIFICATION 5000-028D 16 ROW

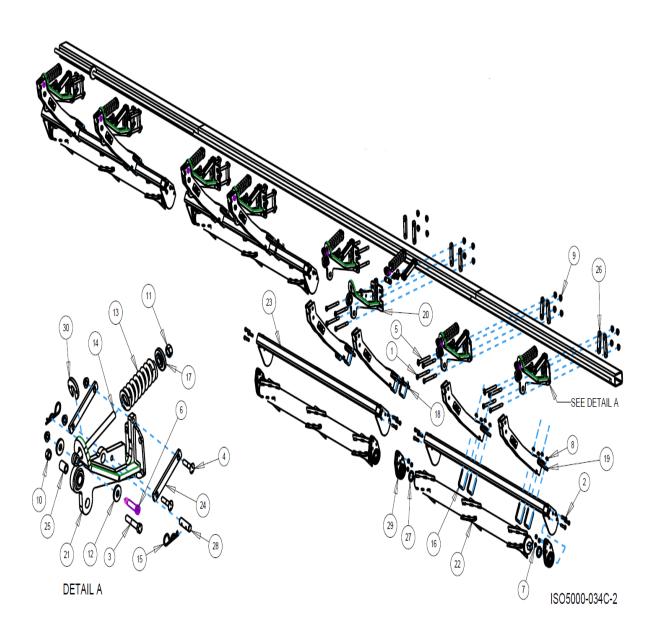


### PART IDENTIFICATION 5000-034C 12 ROW FOLDING



ITEM	PART#	DESCRIPTION	QTY
1	2502-352	5/8 – 11 X 6 HHCS GR 8	
2	2502-353	½ – 13 X 2.5 HHCS GR 8	
3	2502-385	5/8-11 X 3.25 HHCS GR 5	
4	2502-819	½ – 13 X 2.25 CARRIAGE BOLT GR 5	
5	2505-414	5/8-11 X 6 CARRIAGE BOLT GR 5	4
6	2510-121	5/8 SHOULDER BOLT, 2 1/4 SHOULDER, 1/2 – 13 THREAD	8
7	2520-358	½ - 13 LOCK HEX NUT, GR 8	24
8	2520-368	½ - 13 FLANGE WHIZ LOCK HEX NUT, GR 8	56
9	2520-476	5/8-11 HEX FLANGE NUT GR 8	32
10	2520-603	5/8-11 HEX TOP LOCK GR 8	8
11	2520-604	34-10 HEX TOP LOCK GR 8	8
12	2526-449	5/8 FLAT WASHER, ¼ THICK	16
13	2550-709	1/2 WIRE 2 1/2 OD X 1 1/2 ID X 7 1/4 COMPRESSION SPRING	8
14	2570-126	3/4 X 10 EYEBOLT	
15	2570-465	HAIRPIN COTTER	
16	2570-690	U-BOLT ½-13 X 2.5 X 3.75	
17	2975-302	SPRING BUSHING	
18	5000-2010A	PIVOT ARM LEFT HAND U-BOLT MOUNT	2
19	5000-2011A	PIVOT ARM RIGHT HAND U-BOLT MOUNT	6
20	5000-202	MOUNT BRACKET	4
	2528-369	1.380 OD X 1.00 ID X 1.25 L BEARING SLEEVE	8
21	5000-263	MOUNT BRACKET FOLDING	4
	2528-369	1.380 OD X 1.00 ID X 1.25 L BEARING SLEEVE	4
22	5000-272	3R30 ROLLER	4
23	5000-275A	3R30 ROLLER MOUNT	4
24	5000-309	SUPPORT STRAP	16
25	5000-318	PIVOT BUSHING	
26	5000-319	MOUNT STRAP 3"	
27	5000-322	SHIM WASHER LOCK UP PIN	
28	5000-323	LOCK UP PIN	
29	5000-355	1 ¼ DISC HARROW BEARING, W209PPB5, HD ASSEMBLY	8
	2550-059	DEVASTATOR BEARING ONLY (NO CAST HOUSING)	8
30	5000-402	WEDGE	4

### PART IDENTIFICATION 5000-034C 12 ROW FOLDING







### **TROUBLESHOOTING**

ISSUE	CAUSE	CORRECTIVE ACTION
Residue Plugging	Incorrect Head Angle	1. Adjust head angle to 23 – 25 degrees (see page 37)
	Roller Mount Tube	2. Make sure the Bearing Support Tab is on the backside
	incorrectly installed	of the Roller Arm Mount Tube
	3. Pivot arm orientation	3. Reposition the pivot arm so that it offsets under the
	incorrect	snout & not under the row
	Bearing installed	4. Make sure the side of the bearing that protrudes
	incorrectly	outside of the cast housing is facing toward the roller
		(each roller should spin freely by hand)
	5. Intermeshing snapping	5. Order the 5000-080 Set Back Kit (order 2 per roller)
	rolls	
	6. Too much Spring Tension	6. Back the nut off of the push rod until the nut is flush
Stalk aren't	Insufficient spring down	Tighten push rod nut on spring bushing more
"devastated"	pressure	
	Operating corn head too	Lower corn head until the rollers engage
	high	
Corn Head won't	Devastators bottom out	Adjust top rail & saddles higher on cart
fit on head cart	2. Roller won't clear cart tire	2. Order 5000-082 Lift Kit (raises roller 2")
	3. Storage stands don't rest	3. Order 5000-081 Head Extensions (JD 600 & 700 series
	in the saddles on the cart	only)

### **NOTES**



#### A Tradition of Solutions since 1930

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