



OWNER'S MANUAL
PART IDENTIFICATION
2565-950_REV_A 08/2024
36"- 38" Row Devastator

5000-091, 5000-092, 5000-093



YETTER MANUFACTURING CO.

Founded 1930

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YETTER

FOREWORD


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


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


We hope your new Yetter products will help you achieve 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

 **WARNING:** 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: www.yetterco.com

E-mail: info@yetterco.com

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.

Dealer : _____

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



SAFETY PRECAUTIONS



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

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.

WARNING: 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).

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.



WARNING

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.

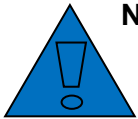
Be familiar with all controls and be prepared to stop equipment quickly in an emergency.

FAILURE TO HEED MAY RESULT IN PERSONAL INJURY OR DEATH.

TABLE OF CONTENTS

| | |
|---------------------------|------|
| FOREWORD..... | 3 |
| SAFETY..... | 2-3 |
| BOLT TORQUE..... | 4 |
| INSTALLATION..... | 5-8 |
| OPERATION..... | 8 |
| PARTS IDENTIFICATION..... | 9-11 |

BOLT TORQUE



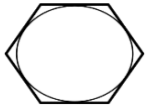



NOTICE Over-tightening hardware can cause just as much damage as under-tightening. Tightening hardware beyond the recommended range can reduce its shock load capacity.

All hardware is either Grade 5 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. Tightening hardware beyond the recommended range can reduce its shock load capacity.

Use a torque wrench wherever possible

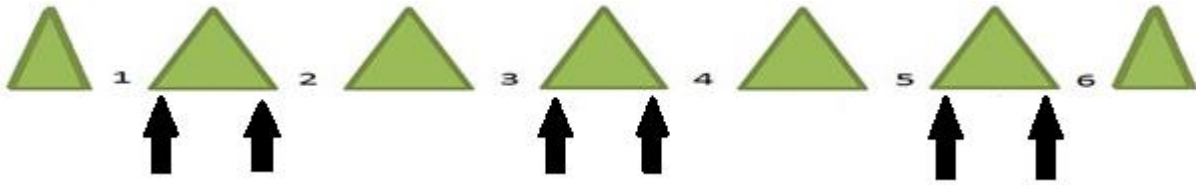
The following table shows torque in ft.-lbs. for coarse thread hardware.

| 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 |

INSTALLATION INSTRUCTIONS

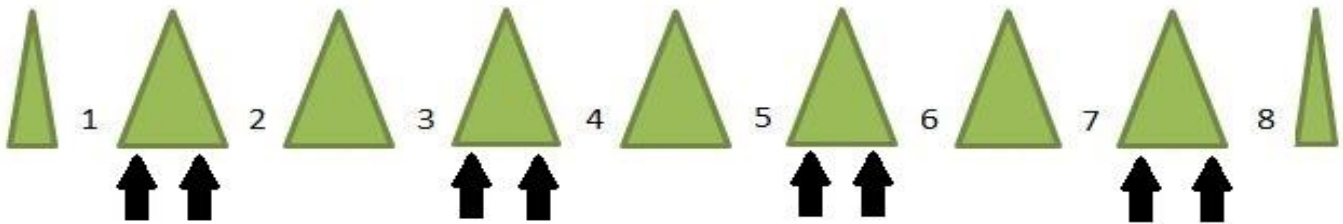
John Deere 644/694/606/706 5000-091

Arrows indicate 5000-187 Torsion Pivot locations



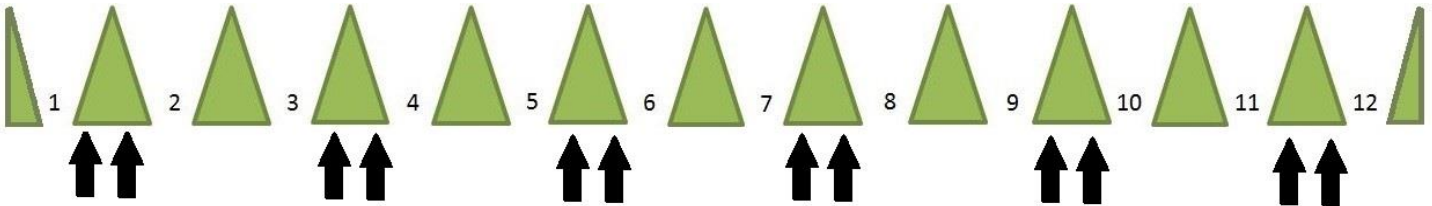
John Deere 844/894/608/708 5000-092

Arrows indicate 5000-187 Torsion Pivot locations



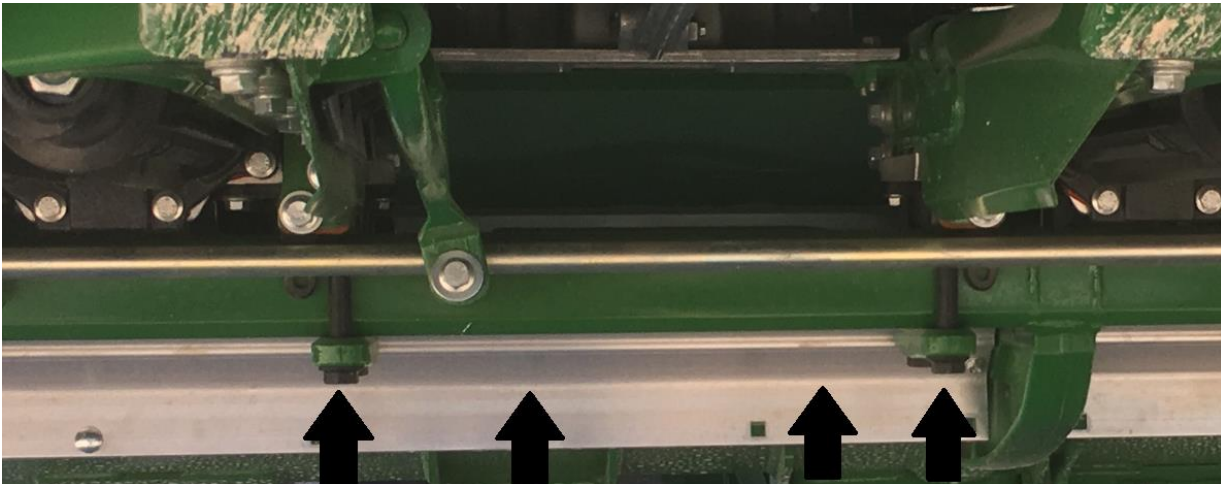
John Deere 1244/1294/612/712 5000-093

Arrows indicate 5000-187 Torsion Pivot locations



STEP 1:

Remove the row unit strap on the right hand side of row one, and the left hand side of row two. Install the torsion block by putting two 120MM bolts into the row unit mount holes, and two 110MM bolts into the threaded strap over top of the frame. Bolt locations indicated below by black arrows below. Ensure the lockup pin handles are facing each other. **Note: Torque the M16 bolts @ 236 ft. /lbs**



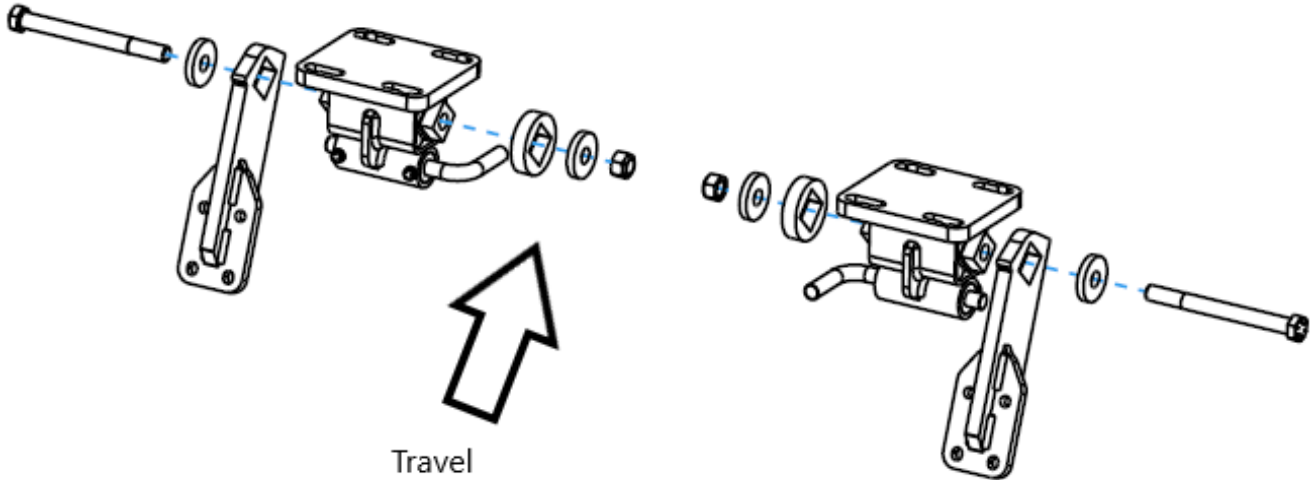
INSTALLATION INSTRUCTIONS

STEP 2:

Repeat step one for the rest of the torsion block mounts across the head. Page 5 has torsion block mount locations indicated by black arrows. Row one is always the left hand side of the head as you sit in the driver's seat.

STEP 3:

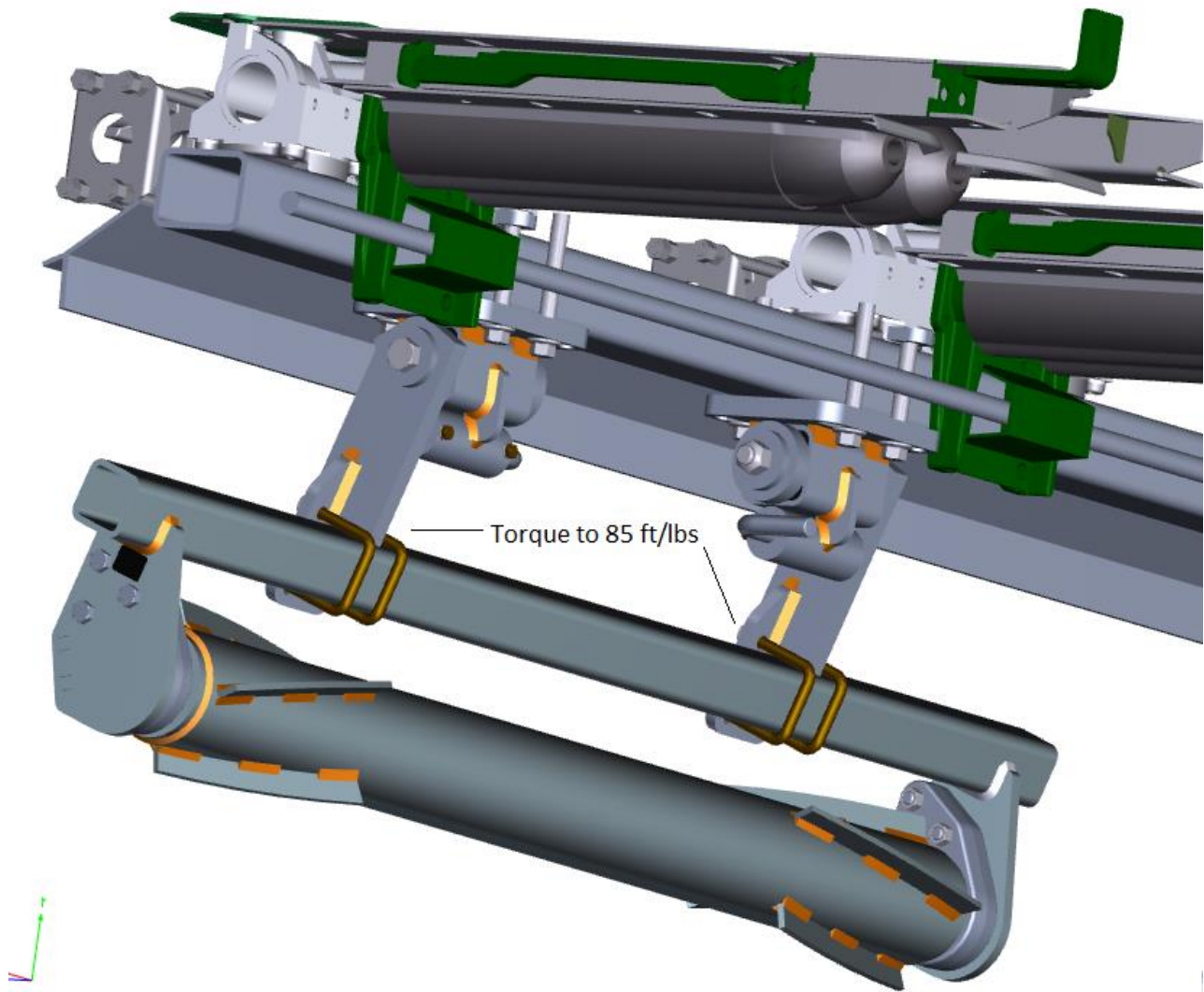
Install the torsion arm onto the torsion block opposite the lockup pin handles. Put the spacer with the square bore on the other side of the torsion block. Then use the $\frac{3}{4}$ " bolt, lock nut, and thick washers to secure. See diagrams below for reference.



INSTALLATION INSTRUCTIONS

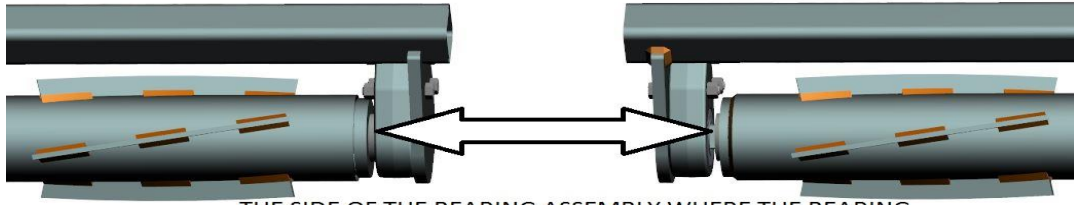
STEP 4:

Attach the square tube that holds the roller to the arms using the ½" U-bolts. Do not tighten the U-bolts until the roller is installed and centered on the row! Be sure the small bearing support tab on the bearing plate is on the back side facing the combine. Put the shim washer over the square shaft on each side of the roller, then put on the bearing and attach to the square tube using the ½" bolts and locknuts. Make sure the side of the bearing that is protruding out is towards the roller and away from the bearing plate.



STEP 5: Make sure the barrel can be spun using two fingers. Ensure that all hardware is tight.

INSTALLATION INSTRUCTIONS



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

LOCK UP

To “lock up” Devastator rollers, lower head down & rotate the locking handle 90 degrees. If the handle is vertical, the devastator will be in operation mode. If the handle is horizontal & is in front of the pivot arm (see yellow circle below), the devastator is locked up. On torsion style devastators without the lock up feature, a 5000-430 Lock Pin can be ordered separately to lock up devastator rollers. 6 row heads require 1 lock pin, 8/12 row heads require 2.

Operating Position



Locked Up Position



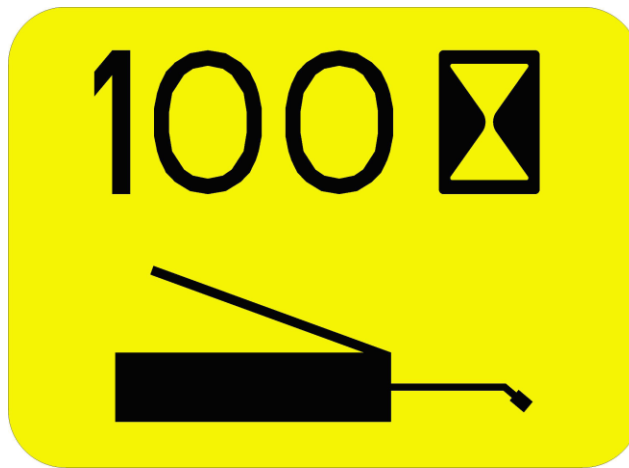
OPERATION

CORN HEAD ANGLE NEEDS TO BE ADJUSTED BETWEEN 22 – 25° FOR OPTIMUM DEVASTATOR PERFORMANCE. USE THE ANGLE METER 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 22 – 25 degrees
- Adjust the snouts to raise/lower head to preferred head height



Maintenance



Grease the Bearing cavity every 100 hours until grease purges out.



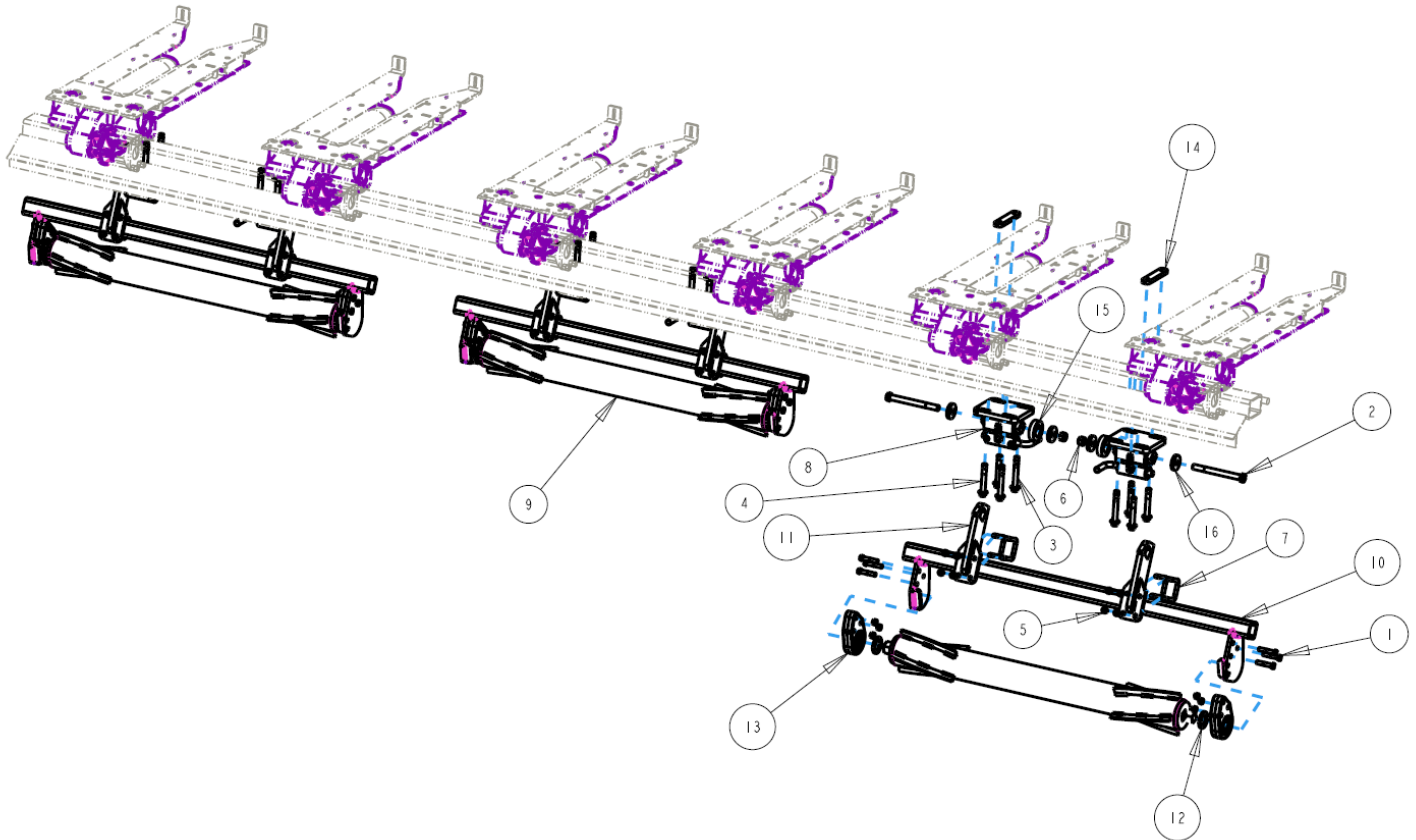
5000-355 bearing assembly

| ITEM | PART NO. | DESCRIPTION | QTY |
|------|----------|-------------------------------|-----|
| 1 | 2533-110 | 1/4-28 ZERK STRAIGHT SELF-TAP | 1 |
| 2 | 2550-059 | DEVASTATOR BEARING | 1 |
| 3 | 5000-356 | BEARING HOUSING, DEVASTATOR | 1 |

PART IDENTIFICATION

5000-091

Deere 6 row wide (36"/38" rows)

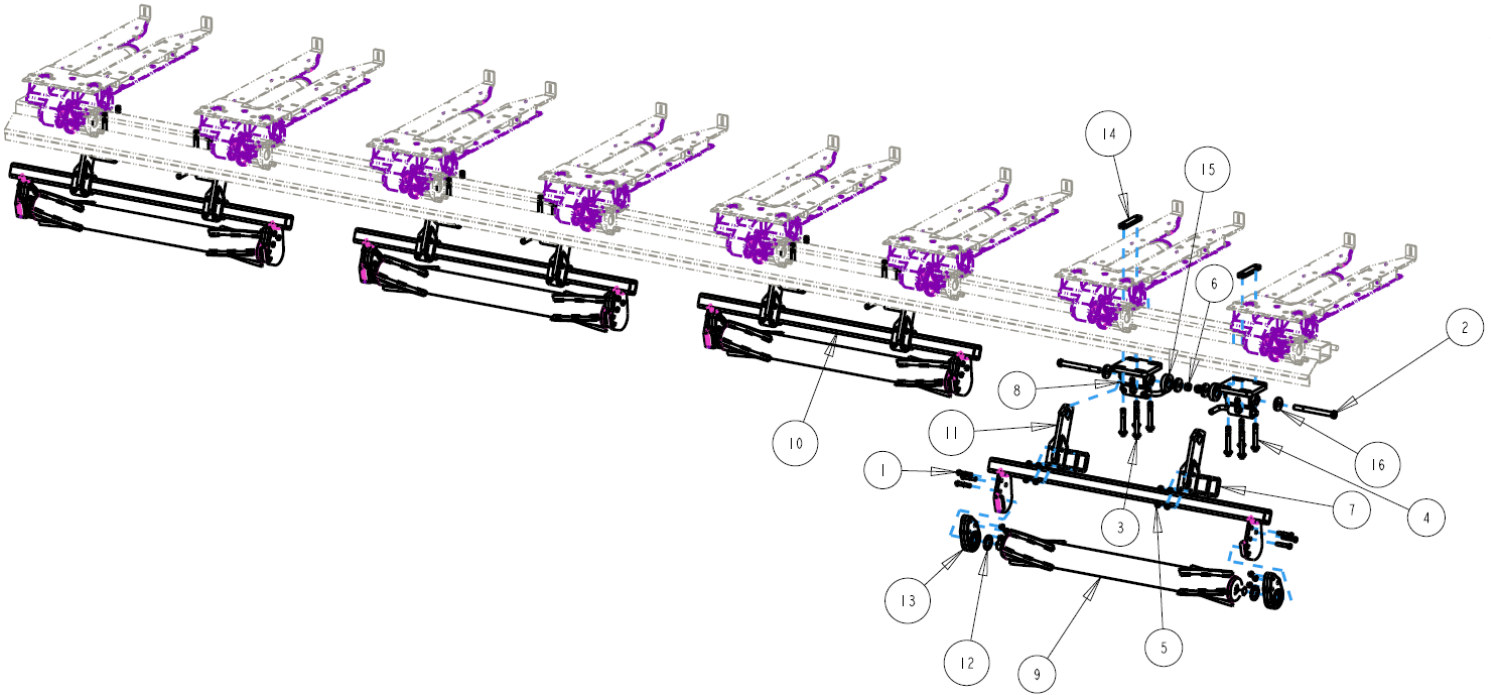


| ITEM | PART NO. | DESCRIPTION | QTY |
|------|-----------|--|-----|
| 1 | 2502-353 | 1/2-13 X 2 1/2HHCS GR8 ZP | 18 |
| 2 | 2502-430 | 3/4-10 X 8 HHCS GR8, ZP | 6 |
| 3 | 2502-805 | M16 X 2 X 120 HEX FLANGE SCREW, THREADLOCK, ZP | 12 |
| 4 | 2502-806 | M16 X 2 X 110 HEX FLANGE SCREW, THREADLOCK, ZP | 12 |
| 5 | 2520-357 | 1/2-13 LOCK HEX NUT, GR A, ZP | 42 |
| 6 | 2520-604 | 3/4-10 HEX TOP LOCK, GR. C, ZP | 6 |
| 7 | 2570-568 | 1/2 X 2-1/2 X 3-1/2 U-BOLT | 12 |
| 8 | 5000-187 | LOCKING TORSION ASSEMBLY | 6 |
| 9 | 5000-2003 | 48" ROLLER W.A., 36"/38" ROWS | 3 |
| 10 | 5000-255 | ROLLER MOUNT W.A., | 3 |
| 11 | 5000-292 | TORSION ARM W.A. | 6 |
| 12 | 5000-322 | SHIM WASHER ZP | 6 |
| 13 | 5000-355 | BEARING ASSEMBLY | 6 |
| 14 | 5000-420 | 4" CLAMP STRAP, TAPPED | 12 |
| 15 | 5000-468 | SPACER | 6 |
| 16 | 5000-469 | SECURITY CAP | 12 |

PART IDENTIFICATION

5000-092

Deere 8 row wide (36"/38" rows)

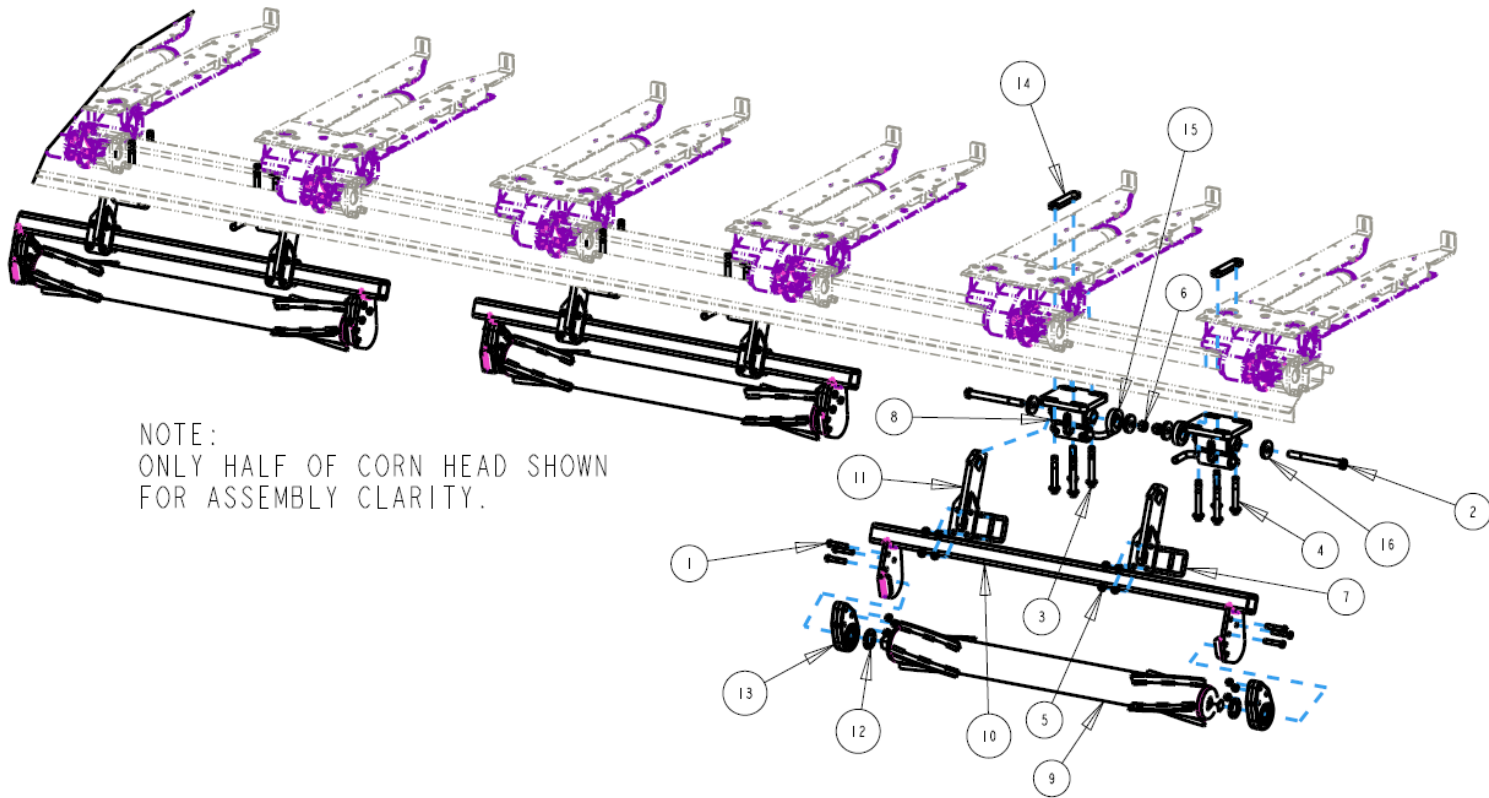


| ITEM | PART NO. | DESCRIPTION | QTY |
|------|-----------|--|-----|
| 1 | 2502-353 | 1/2-13 X 2 1/2 HHCS GR8 ZP | 24 |
| 2 | 2502-430 | 3/4-10 X 8 HHCS GR8, ZP | 8 |
| 3 | 2502-805 | M16 X 2 X 120 HEX FLANGE SCREW, THREADLOCK, ZP | 16 |
| 4 | 2502-806 | M16 X 2 X 110 HEX FLANGE SCREW, THREADLOCK, ZP | 16 |
| 5 | 2520-357 | 1/2-13 LOCK HEX NUT, GR A, ZP | 56 |
| 6 | 2520-604 | 3/4-10 HEX TOP LOCK, GR. C, ZP | 8 |
| 7 | 2570-568 | 1/2 X 2-1/2 X 3-1/2 U-BOLT | 16 |
| 8 | 5000-187 | LOCKING TORSION ASSEMBLY | 8 |
| 9 | 5000-2003 | 48" ROLLER W.A., 36"/38" ROWS | 4 |
| 10 | 5000-255 | ROLLER MOUNT W.A., | 4 |
| 11 | 5000-292 | TORSION ARM W.A. | 8 |
| 12 | 5000-322 | SHIM WASHER ZP | 8 |
| 13 | 5000-355 | BEARING ASSEMBLY | 8 |
| 14 | 5000-420 | 4" CLAMP STRAP, TAPPED | 16 |
| 15 | 5000-468 | SPACER | 8 |
| 16 | 5000-469 | SECURITY CAP | 16 |

PART IDENTIFICATION

5000-093

Deere 12 row wide (36"/38" rows)



| ITEM | PART NO. | DESCRIPTION | QTY |
|------|-----------|--|-----|
| 1 | 2502-353 | 1/2-13 X 2 1/2 HHCS GR8 ZP | 36 |
| 2 | 2502-430 | 3/4-10 X 8 HHCS GR8, ZP | 12 |
| 3 | 2502-805 | M16 X 2 X 120 HEX FLANGE SCREW, THREADLOCK, ZP | 24 |
| 4 | 2502-806 | M16 X 2 X 110 HEX FLANGE SCREW, THREADLOCK, ZP | 24 |
| 5 | 2520-357 | 1/2-13 LOCK HEX NUT, GR A, ZP | 84 |
| 6 | 2520-604 | 3/4-10 HEX TOP LOCK, GR. C, ZP | 12 |
| 7 | 2570-568 | 1/2 X 2-1/2 X 3-1/2 U-BOLT | 24 |
| 8 | 5000-187 | LOCKING TORSION ASSEMBLY | 12 |
| 9 | 5000-2003 | 48" ROLLER W.A., 36"/38" ROWS | 6 |
| 10 | 5000-255 | ROLLER MOUNT W.A., | 6 |
| 11 | 5000-292 | TORSION ARM W.A. | 12 |
| 12 | 5000-322 | SHIM WASHER ZP | 12 |
| 13 | 5000-355 | BEARING ASSEMBLY | 12 |
| 14 | 5000-420 | 4" CLAMP STRAP, TAPPED | 24 |
| 15 | 5000-468 | SPACER | 12 |
| 16 | 5000-469 | SECURITY CAP | 24 |

TROUBLESHOOTING

| ISSUE | CAUSE | CORRECTIVE ACTION |
|----------------------------------|---|---|
| Residue Plugging | <ol style="list-style-type: none"> 1. Incorrect Head Angle 2. Roller Mount Tube incorrectly installed 3. Pivot arm orientation incorrect 4. Bearing installed incorrectly 5. Intermeshing snapping rolls 6. Too much Spring Tension | <ol style="list-style-type: none"> 1. Adjust head angle to 23 – 25 degrees (see page 37) 2. Make sure the Bearing Support Tab is on the backside of the Roller Arm Mount Tube 3. Reposition the pivot arm so that it offsets under the snout & not under the row 4. Make sure the side of the bearing that protrudes outside of the cast housing is facing toward the roller (each roller should spin freely by hand) 5. Order the 5000-080 Set Back Kit (order 2 per roller) 6. Back the nut off of the push rod until the nut is flush |
| Stalk aren't "devastated" | <ol style="list-style-type: none"> 1. Insufficient spring down pressure 2. Operating corn head too high | <ol style="list-style-type: none"> 1. Tighten push rod nut on spring bushing more 2. Lower corn head until the rollers engage |
| Corn Head won't fit on head cart | <ol style="list-style-type: none"> 1. Devastators bottom out 2. Roller won't clear cart tire 3. Storage stands don't rest in the saddles on the cart | <ol style="list-style-type: none"> 1. Adjust top rail & saddles higher on cart 2. Order 5000-082 Lift Kit (raises roller 2") 3. Raise head cart saddles & top rail, order extensions for head if offered by OEM. |

NOTES

NOTES



A Tradition of Solutions since 1930

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