



**2920 SERIES
MAX SEALER PLUS™
OPERATOR'S MANUAL
PARTS IDENTIFICATION
2565-727_REV_E • 11/2024**



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

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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.

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.

INTRODUCTION

The 2920 MAX SEALER PLUS™ disc sealer has been designed for the operators who demand durability, longevity and performance in the field. The 2920 MAX SEALER PLUS™ has adjustable blade pitch to match the changes in soil tilth. The unit is heavy enough to fill the knife track and flexible enough to not cut a trench for water to start erosion. The 2920 MAX SEALER PLUS™ has independent arms to allow the blades to follow the roughest terrain and maintain soil flow to cover the knife track. Because each blade is independent the sealer can handle field conditions that have large amounts of crop residue, which keeps the toolbar productive even in less than ideal conditions.

MODELS

The 2920 MAX SEALER PLUS™ is available in two models with three-blade style to choose from.

“C” SHANK MODELS

2920-051 – 18” NOTCHED BLADE
2920-052 – 18” SMOOTH BLADE
2920-053 – 13” SHARKTOOTH

Applications include: 1” x 2” flat shank
 1-1/4” square
 2” edge bent shank
 1-1/4” coil shank

UNIVERSAL MODELS

2920-054 – 13” SHARKTOOTH BLADE
2920-055 – 18” NOTCHED BLADE
2920-056 – 18” SMOOTH BLADE

Applications include: YETTER MAVERICK II
 YETTER AVENGER
 DIETRICH SLURRY INJECTOR

The 2920 MAX SEALER PLUS™ will not work with shanks that use “clamp on” style knife plates and 1” x 3” straight shanks.



CAUTION: Frozen soil or rocks may cause damage to the 2920 MAX SEALER PLUS™.

GENERAL INFORMATION

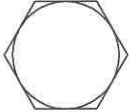


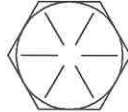
Right Hand and Left Hand designations are based on sitting in the tractor and facing forward.

BOLT TORQUE

READ THESE INSTRUCTIONS FIRST:

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

The following table shows torque in ft. lbs.

| BOLT DIA. AND THREADS PER INCH |  GRADE 2 |  OR  GRADE 5 A-325 |  GRADE 8 |
|---|--|---|--|
| 3/8-16 | 25 | 35 | 50 |
| 7/16-14 | 35 | 55 | 80 |
| 1/2-13 | 55 | 85 | 125 |
| 9/16-12 | 75 | 125 | 175 |
| 5/8-11 | 105 | 170 | 235 |
| 3/4-10 | 185 | 305 | 425 |
| 7/8-9 | 170 | 445 | 690 |
| 1-8 | 260 | 670 | 1030 |
| 1 1/8-7 | 365 | 900 | 1460 |
| 1 1/4-7 | 515 | 1275 | 2060 |
| 1 3/8-6 | 675 | 1675 | 2700 |
| 1 1/2-6 | 900 | 2150 | 3500 |
| 1 3/4-5 | 1410 | 3500 | 5600 |

Lubricate all bearings and moving parts as assembled and make certain that they work freely.



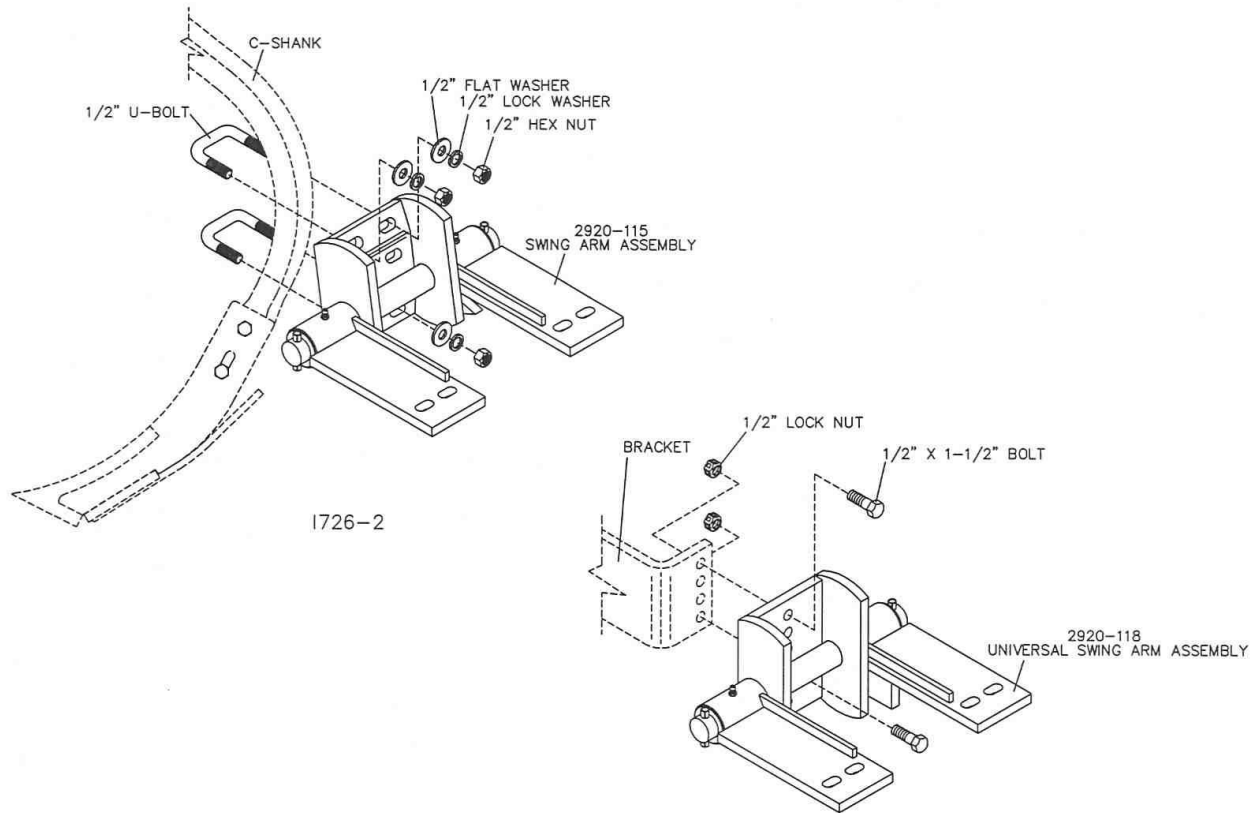
WARNING: Never work around the toolbar / implement while in a raised position without using safety lockups.



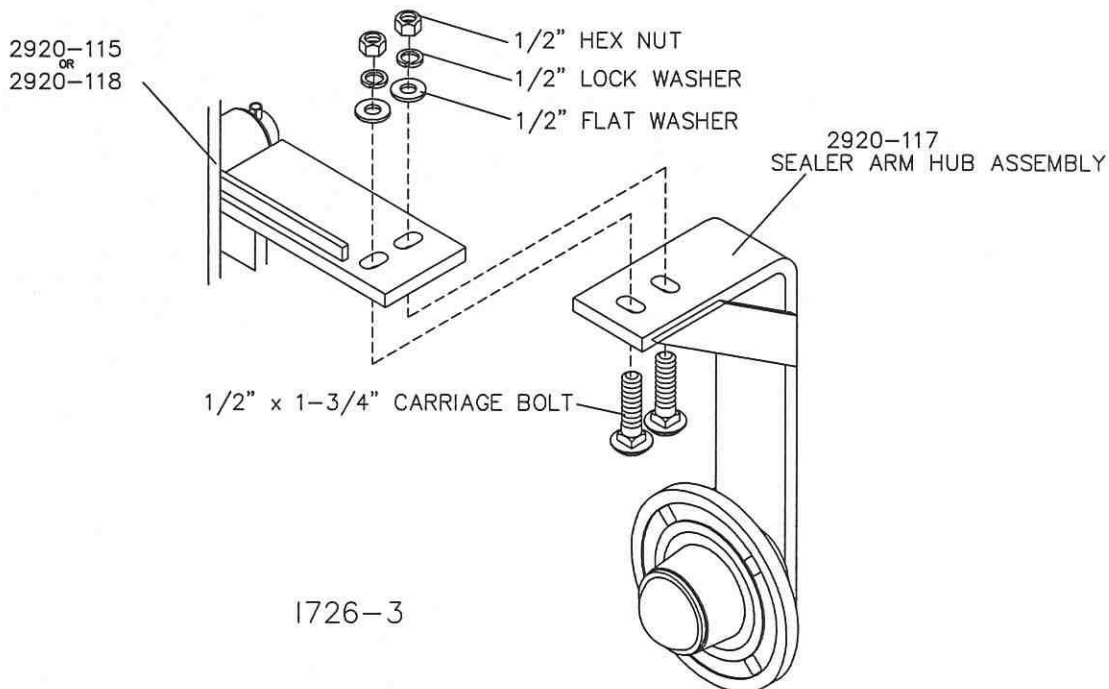
CAUTION: The 2920 MAX SEALER PLUS™ unit has sharp blades. Extra attention should be paid to lifting techniques while handling and or maneuvering the units during assembly. Failure to do so may lead to personal injury. Use heavy gloves while handling the blades during assembly and any time adjustments or maintenance operations are made to the units.

ASSEMBLY

STEP 1. Attach the 2920-115 swing arm assembly to the shank/bracket using the appropriate u-bolts, flat washers, lock washers and hex nuts or the 1/2" bolts and lock nuts.

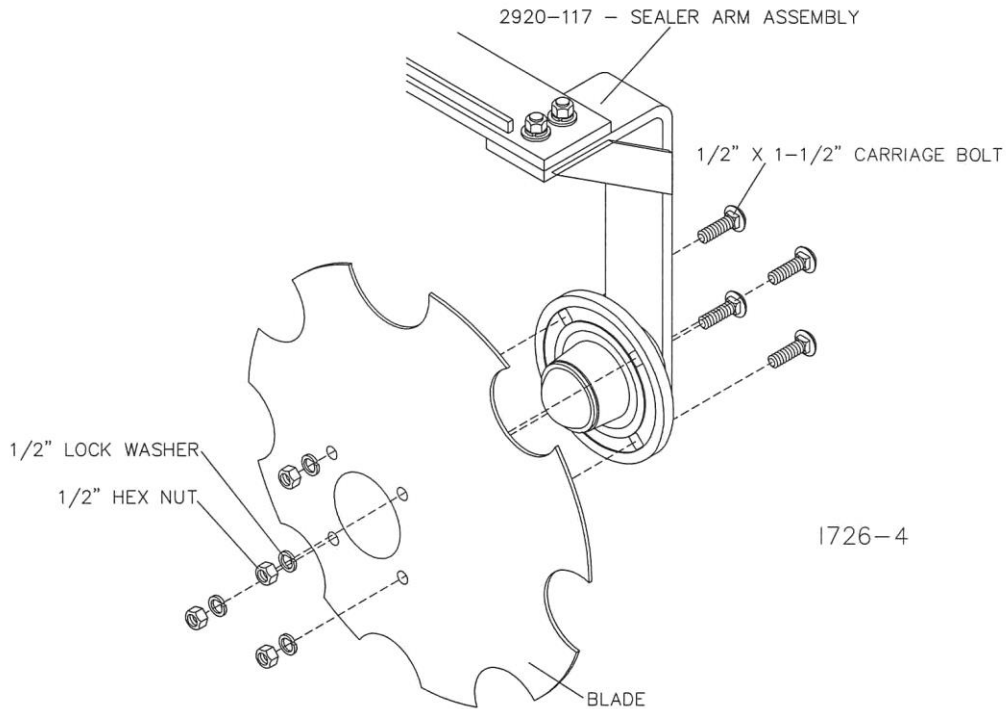


STEP 2. Attach the 2920-117 Arm Hub Assembly to the 2920-115 Swing Arm using the 1/2" carriage bolts, flat washers, lock washers and hex nuts.

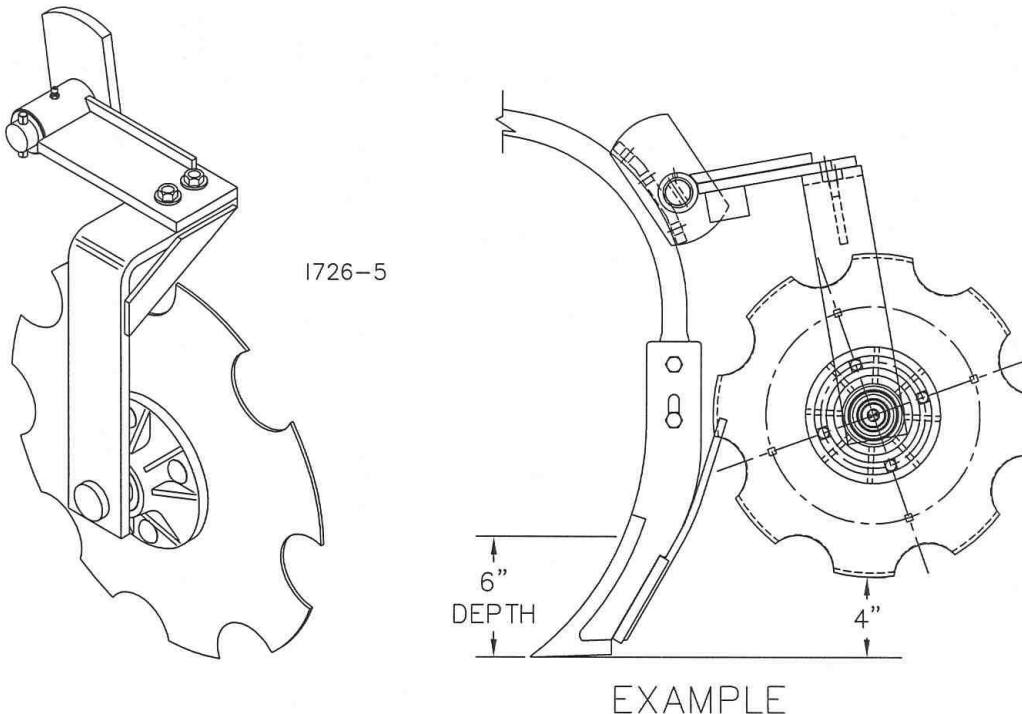


ASSEMBLY

STEP 3. Attach the blade to the 2920-117 Sealer Arm Hub Assembly using the 4) 1/2" x 1-1/2" carriage bolts, lock washers and hex nuts. Curved blades can be used with the cup "in" toward the knife for the most aggressive adjustment or with the cup "out" away from the knife for a less aggressive adjustment.



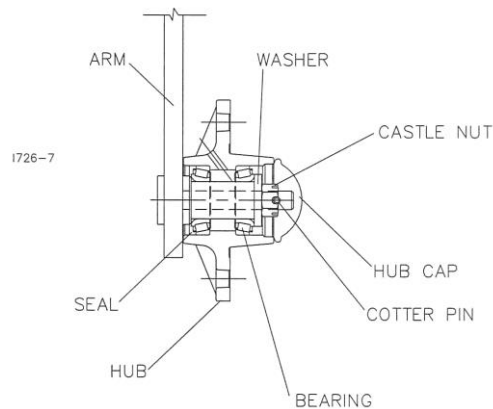
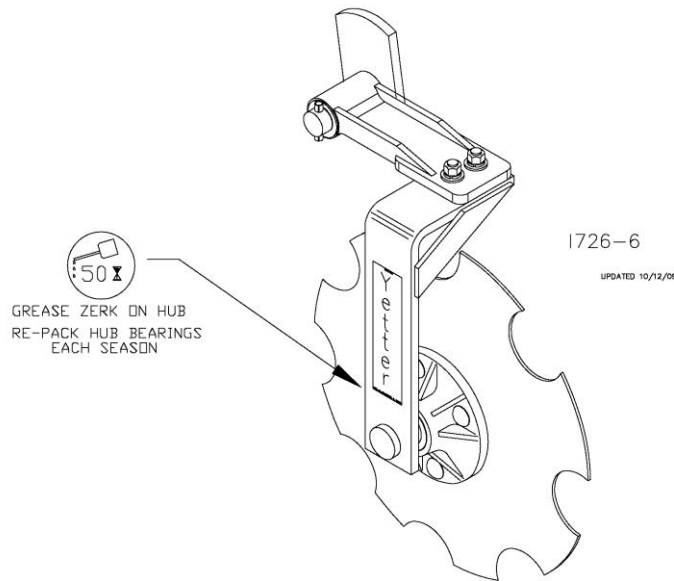
STEP 4. "Barn Yard Setting" – set the sealer blade to 2" closer to the bottom of the knife than the depth that the knife will be used at. Example: knife at 6" depth, set the blades to 4" above the bottom of the knife. Adjust the blade pitch as needed to cover the knife track with soil. Tighten all hardware to the recommended amount of torque unless otherwise stated.



MAINTENANCE

Lubrication: Use #2 multi-purpose lithium grease.

To insure longevity and reliability of the MAX SEALER PLUS™ the recommended lubrication schedule should be followed.



BEARING ADJUSTMENT

Tighten the slotted nut to 10 to 15 ft/lbs. or until a definite drag is felt when the blade is turned by hand. Tighten the nut one slot position to align the slot with the hole in the spindle shaft. Secure the nut with a new cotter pin. Install the hubcap.

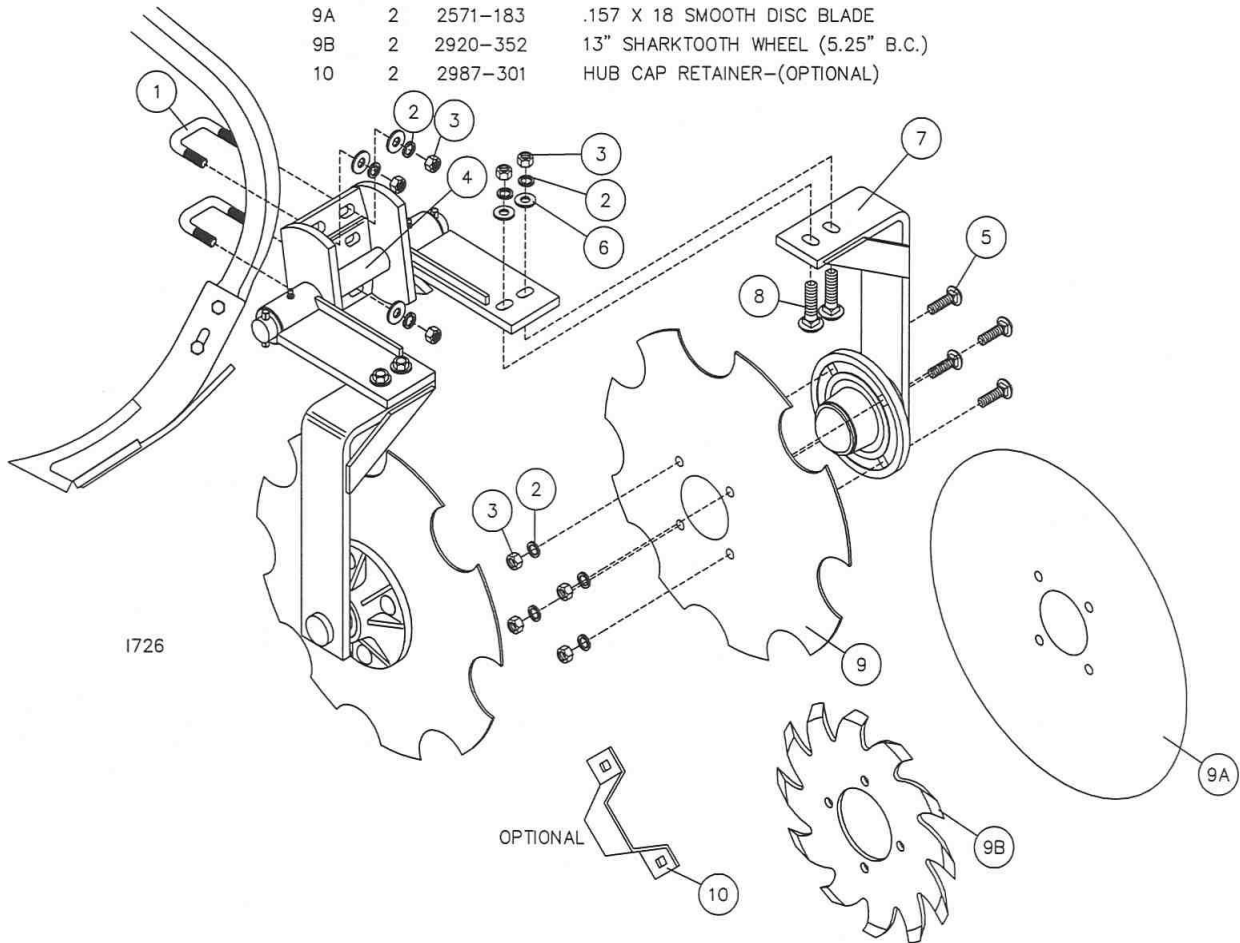
BEARING REPLACEMENT

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

PARTS IDENTIFICATION

- 2920-051 – MAX SEALER PLUS, 18 NOTCH
- 2920-052 – MAX SEALER PLUS, 18 SMOOTH
- 2920-053 – MAX SEALER PLUS, SHARKTOOTH

| DET | QTY | PART NO. | DESCRIPTION |
|-----|-----|----------|-----------------------------------|
| 1 | 2 | 2570-068 | 1/2 X 2 X 2-1/4 U-BOLT ZYD |
| | 2 | 2570-589 | 1/2 X 1-1/4 X 2-1/2 U-BOLT ZYD |
| | 2 | 2570-773 | 1/2 X 1-1/4 X 3-1/4 U-BOLT ZYD |
| 2 | 16 | 2525-352 | 1/2 MED LOCKWASHER ZP |
| 3 | 16 | 2520-352 | 1/2-13 HEX NUT ZP |
| 4 | 1 | 2920-115 | SWING ARMS ASS'Y |
| 5 | 8 | 2505-339 | 1/2-13 X 1-1/2 CAR BLT GR.5 ZP. |
| 6 | 8 | 2526-352 | 1/2 SAE FLATWASHER ZP |
| 7 | 2 | 2920-117 | SEALER ARM HUB ASS'Y |
| 8 | 4 | 2505-344 | 1/2-13 X 1-3/4 CAR BLT GR 5 ZP |
| 9 | 2 | 2571-182 | .157 X 18 NOTCHED DISC BLADE |
| 9A | 2 | 2571-183 | .157 X 18 SMOOTH DISC BLADE |
| 9B | 2 | 2920-352 | 13" SHARKTOOTH WHEEL (5.25" B.C.) |
| 10 | 2 | 2987-301 | HUB CAP RETAINER-(OPTIONAL) |



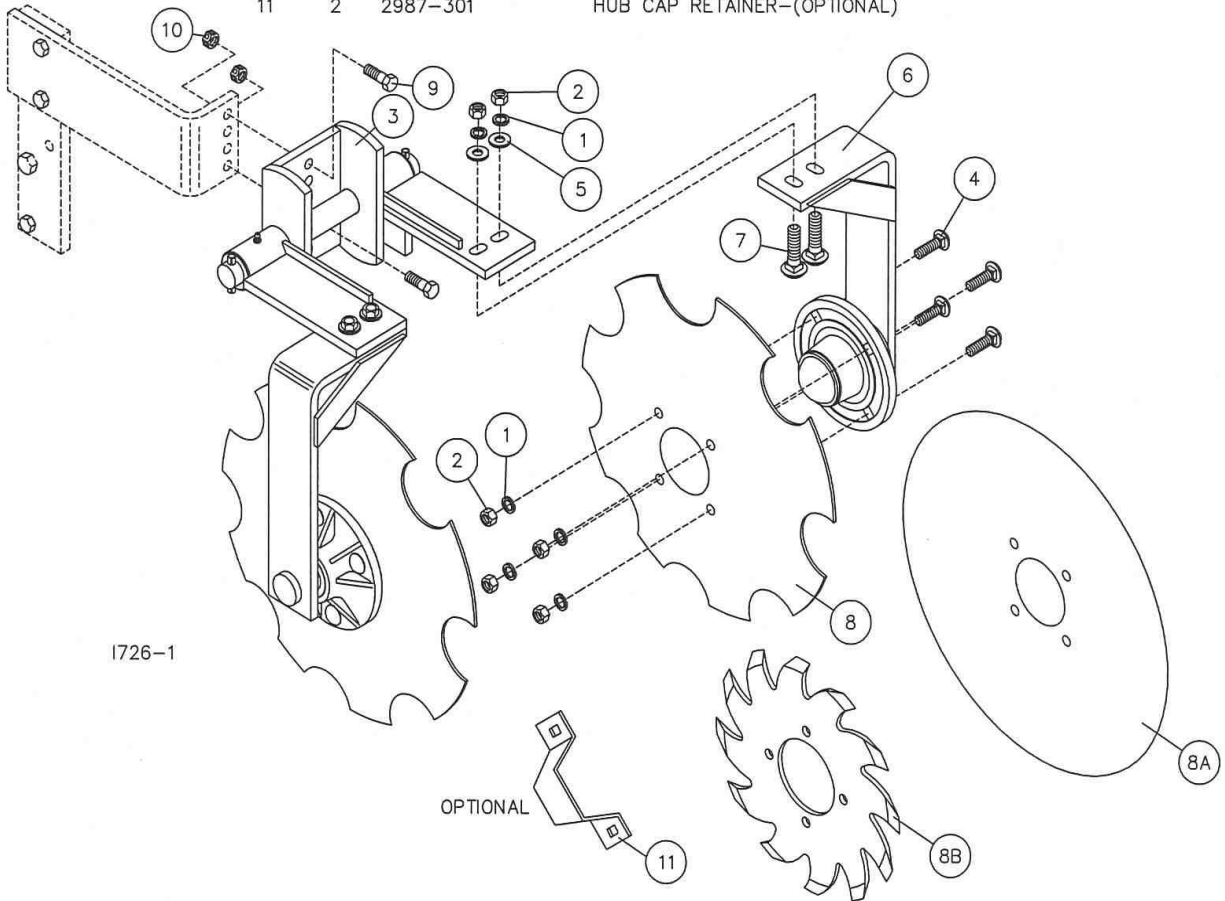
PARTS IDENTIFICATION

2920-054 – MAX SEALER, SHARKTOOTH, UNIVERSAL

2920-055 – MAX SEALER, 18 NOTCH, UNIVERSAL

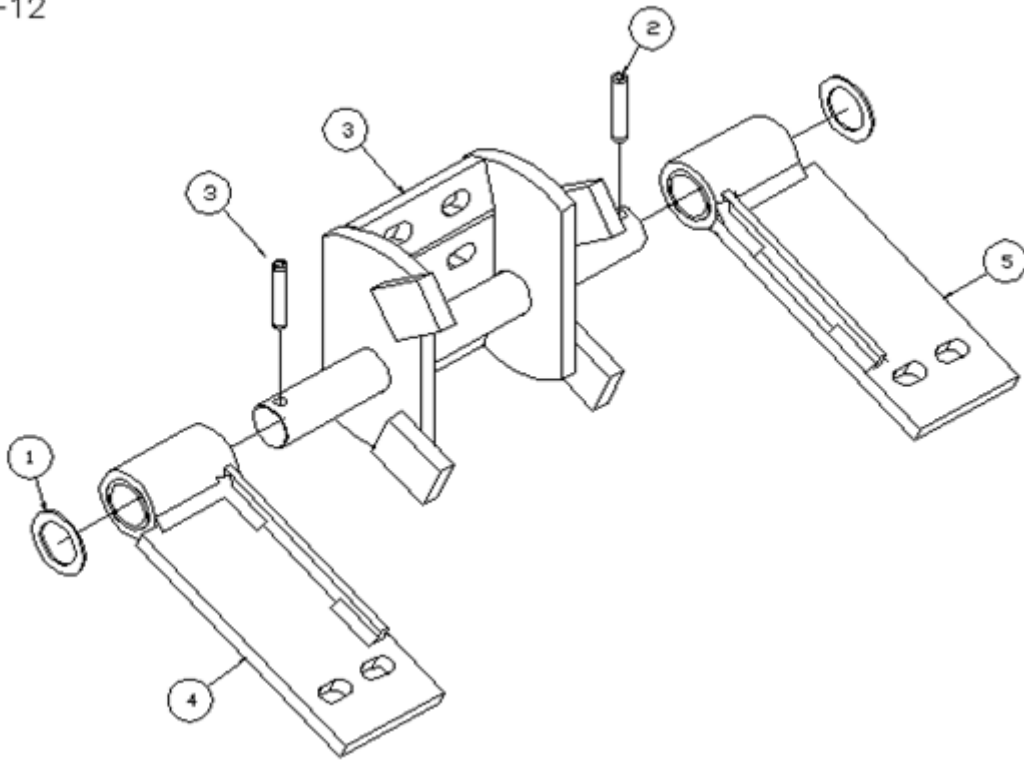
2920-056 – MAX SEALER, 18 SMOOTH, UNIVERSAL

| DET | QTY | PART NO. | DESCRIPTION |
|-----|-----|----------|------------------------------------|
| 1 | 12 | 2525-352 | 1/2 MED LOCKWASHER ZP |
| 2 | 12 | 2520-352 | 1/2-13 HEX NUT ZP |
| 3 | 1 | 2920-118 | SWING ARMS ASS'Y, UNIVERSAL |
| 4 | 8 | 2505-339 | 1/2-13 X 1-1/2 CAR BLT GR.5 ZP. |
| 5 | 4 | 2526-352 | 1/2 SAE FLATWASHER ZYD |
| 6 | 2 | 2920-117 | SEALER ARM HUB ASS'Y |
| 7 | 4 | 2505-344 | 1/2-13 X 1-3/4 CAR BLT GR 5 ZP |
| 8 | 2 | 2571-182 | .157 X 18 NOTCHED DISC BLADE |
| 8A | 2 | 2571-183 | .157 X 18 SMOOTH DISC BLADE |
| 8B | 2 | 2920-352 | 13" SHARK TOOTH WHEEL (5.25" B.C.) |
| 9 | 2 | 2502-294 | 1/2-13 X 1-1/2 HHCS GR. 5 ZP |
| 10 | 2 | 2520-357 | 1/2-13 LOCK HEX NUT ZP |
| 11 | 2 | 2987-301 | HUB CAP RETAINER-(OPTIONAL) |



PARTS IDENTIFICATION 2920-115

1726-12



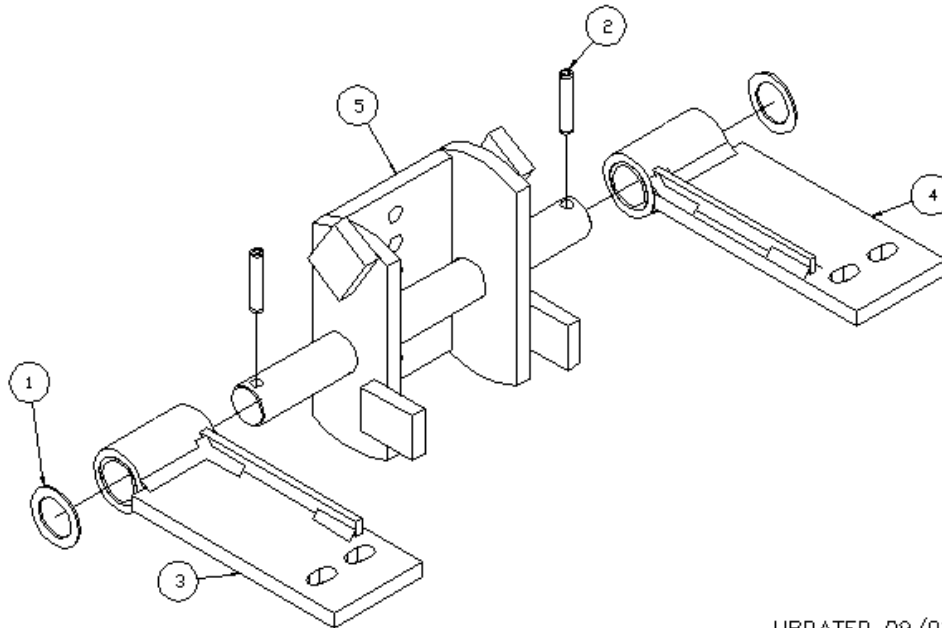
| ITEM | PART NO. | DESCRIPTION | QTY. |
|------|----------|---|------|
| 1 | 2526-561 | 1-17/64 ID X 1-7/8 OD X 14 GAUGE WASHER | 2 |
| 2 | 2530-212 | 3/8 X 2 ROLL PIN | 2 |
| 3 | 2920-216 | SEALER MOUNT | 1 |
| 4 | 2920-220 | LEFT HAND SWING ARM | 1 |
| | 2920-368 | 1.25 ID X 1.50 OD X 3 FIBER BEARING | 1 |
| 5 | 2920-221 | RIGHT HAND SWING ARM | 1 |
| | 2920-368 | 1.25 ID X 1.50 OD X 3 FIBER BEARING | 1 |

PARTS IDENTIFICATION

2920-118 UNIVERSAL MODEL

| DET | QTY | PART NO. | DESCRIPTION |
|-----|-----|----------|--------------------------------|
| 1 | 2 | 2526-561 | 1-17/64ID X1-7/8OD X14GA MB BL |
| 2 | 2 | 2530-212 | 3/8 X 2 ROLL PIN ZP |
| 3 | 1 | 2920-217 | L.H. SWNG ARM W.A. |
| | 1 | 2528-364 | 1.25IDX1.50DX3 GAR-MAX BEARING |
| 4 | 1 | 2920-218 | R.H. SWNG ARM W.A. |
| | 1 | 2528-364 | 1.25IDX1.50DX3 GAR-MAX BEARING |
| 5 | 1 | 2920-219 | SEALER MOUNT W.A., DIETRICH |

1726-11

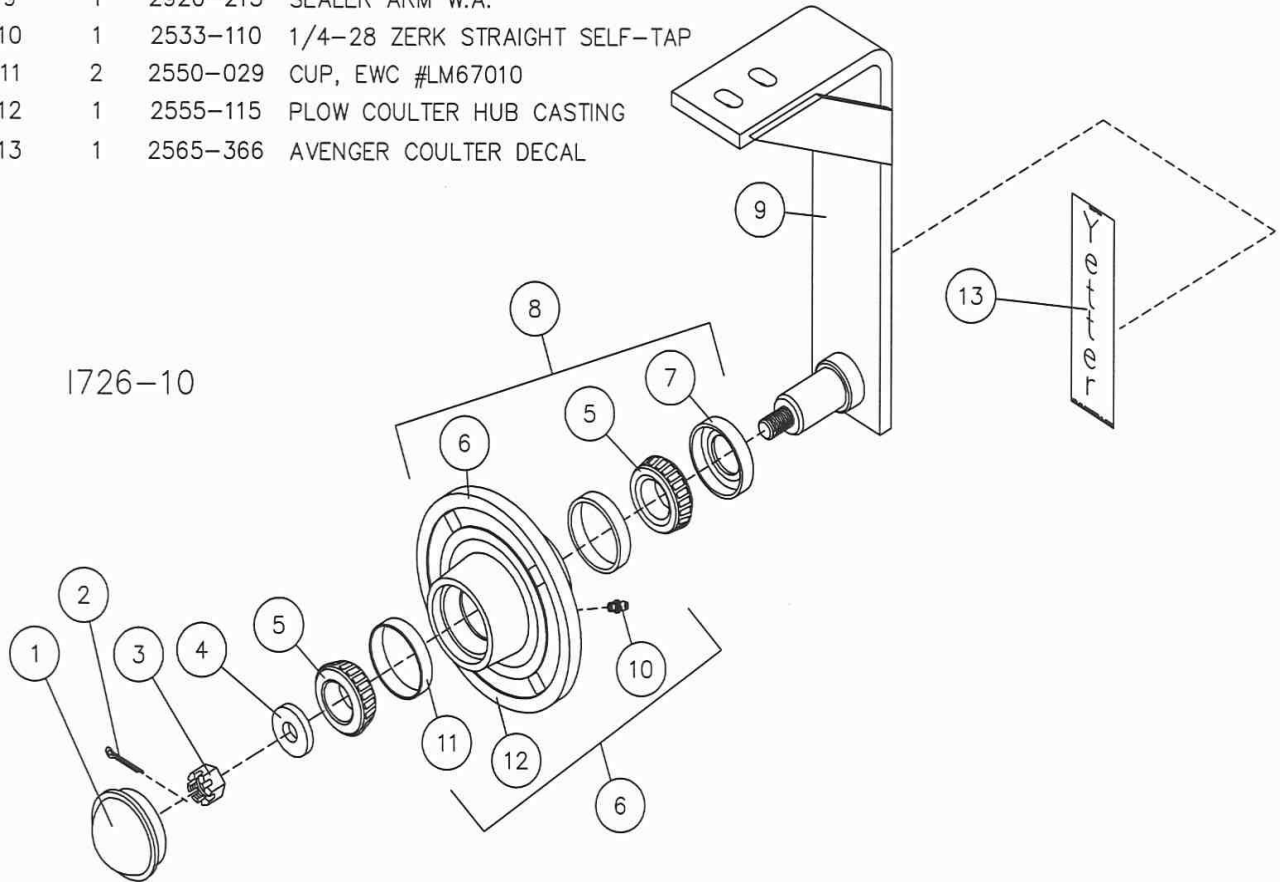


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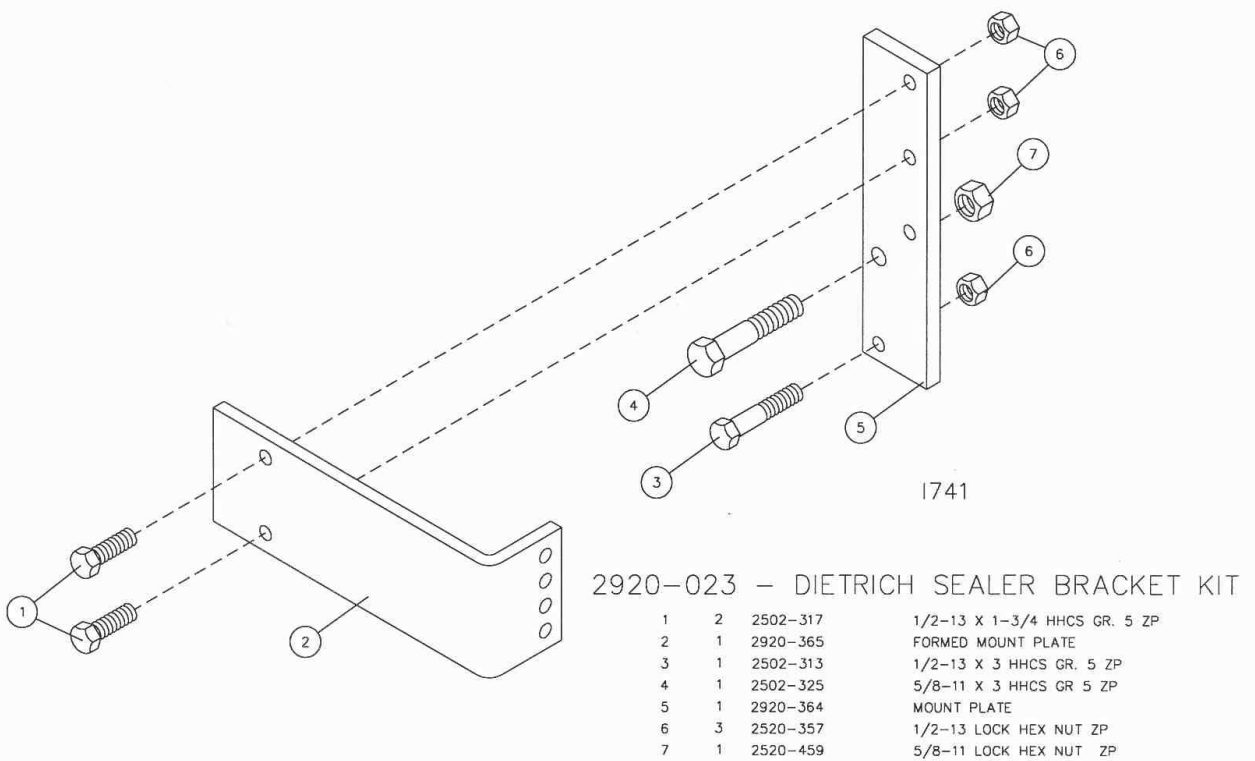
PARTS IDENTIFICATION

2920-117 – SEALER ARM HUB ASSEMBLY

| DET | QTY | PART NO. | DESCRIPTION |
|-----|-----|----------|---------------------------------|
| 1 | 1 | 2570-375 | HUB CAP, WILTON #909902 |
| 2 | 1 | 2531-102 | 1/8 X 1-1/4 COTTER PIN BLACK |
| 3 | 1 | 2520-469 | 5/8-18 SLOTTED HEX NUT, BLACK |
| 4 | 1 | 2526-449 | 5/8 FLATWASHER, 1/4 +- .010 THK |
| 5 | 2 | 2550-027 | CONE, LM67048 |
| 6 | 1 | 2900-105 | HUB PRESSED ASSEMBLY |
| 7 | 1 | 2550-066 | TRIPLE LIP SEAL, NTI #1812-4 |
| 8 | 1 | 2900-135 | HUB SUB-ASSEMBLY |
| 9 | 1 | 2920-215 | SEALER ARM W.A. |
| 10 | 1 | 2533-110 | 1/4-28 ZERK STRAIGHT SELF-TAP |
| 11 | 2 | 2550-029 | CUP, EWC #LM67010 |
| 12 | 1 | 2555-115 | PLOW COULTER HUB CASTING |
| 13 | 1 | 2565-366 | AVENGER COULTER DECAL |



PARTS IDENTIFICATION



TROUBLESHOOTING

| Problem | Cause | Solution |
|---|---|---|
| Poor overall performance. | Toolbar not adjusted correctly | Adjust the toolbar so that during operation it is level. |
| Max Sealer Plus not creating a mound or too small of a mound. | Speed too slow. | Operate at 5mph min. |
| | Blades are not set aggressively enough | Increase the angle of the front edge of blade to the row. |
| | Toolbar is not level-probably nose down | Level toolbar. |
| Max Sealer Plus is not closing the knife track. | Blades are not set aggressive enough. | Curved blades the "cup" should be in toward the knife. |
| | | Increase the angle of the front edge of the blade. |



A Tradition of Solutions since 1930

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