

## 2995 XFC Fertilizer Coulter 2995 XCC Cutting Coulter

## **OPERATORS MANUAL**

WITH PARTS IDENTIFICATION

2565-788\_REV\_F • 08/2024



VETTER

YETTER MANUFACTURING CO. FOUNDED 1930

Colchester, IL 62326-0358 Toll free: 800/447-5777 309/776-3222 (Fax) Website: www.yetterco.com E-mail: info@yetterco.com

## 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.

**<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).

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: <u>www.yetterco.com</u> E-mail: <u>info@yetterco.com</u>

### WARRANTY

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

DEALER: \_\_\_\_\_

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:

**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.

<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.

## **GENERAL INFORMATION**

### 2995 Xtreme<sup>TM</sup> (XFC) Fertilizer Coulters



- STANDARD FEATURES FOR ALL MODELS
- 20" blade available in smooth, ripple Available with injection or rear knife • Mounting kits available for: 4" sq.", 4" x 6" or notched
  - Down pressure set at 2000 lbs
  - Coulter allows 6" of vertical travel
- 6" x 4", 6" sq., 5" x 7" and 7" sq
  Available in right and left hand models

#### Order parts from A, B, C, and D to complete coulter assembly

Section A: **XFC Fertilizer Coulter** 

XFC Fertilizer Coulter		Order manual: 2565-788
Model No.	Description	Est Wt.
2995-086-L	LH XFC Xtreme <sup>TM</sup> Fertilizer Coulter assy	58 lbs
2995-086	RH XFC Xtreme <sup>™</sup> Fertilizer Coulter assy	58 lbs

2995-243	20" Coulter Shank	14 lbs
2995-255	25" Coulter Shank	18 lbs

2571-168	.157 x 20" Multi-hole fluted	13 lbs
2571-199	.157 x 20" Multi-hole flat blade	14 lbs

Section D: 1	Section D: Injector/Knile Kit (Not applicable with 2995-087)		
2995-083	Injector Kit	2 lbs	
2995-084	Fertilizer Knife Kit - with 3/8" tube	5 lbs	

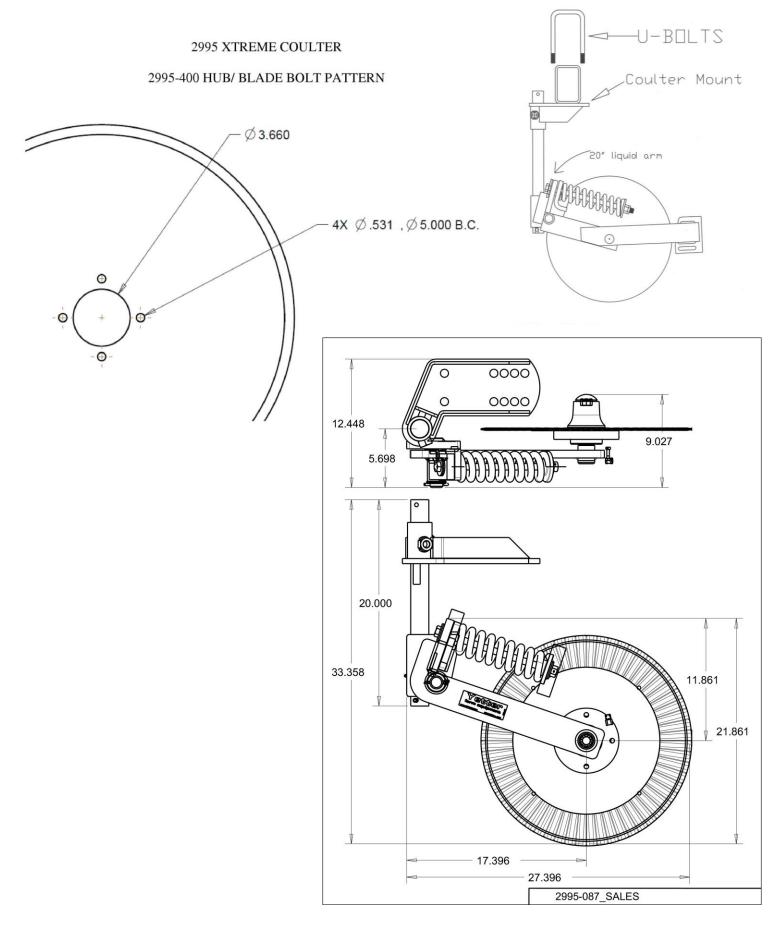
Section	E: Mount Kit (toolbar width x height)			
2995-080	Rigid Mount Bracket 4x4 & 4x6	(requires 1 u-bolt kit)	9 lbs	
2995-081	Offset Mount Bracket 4x4, 4x6, 5x5 ,5x7, 7x5, 7x4 &7x7	(requires 2 u-bolt kits)	16 lbs	
2995-088	Rigid Mount Bracket 6x4, 6x6, 7x4, 7x5, 7x7	(requires 1 u-bolt kit)	11 lbs	
2995-092	Rigid C-shank Mount Bracket 4x4, 5x5, 6x6, 7x7	(requires 2 u-bolt kits)	22 lbs	
2995-098	Veritcal Toolbar Mount Bracket 2.5x2.5, 3x3, 5x5,6x6	(call Yetter)	8 lbs	
2995-099	Rigid Mount Bracket 5x5, 5x7	(requires 1 u-bolt kit)	9lbs	

#### Section F: U-bolt Kits

4"x 4" toolbar ¾"u-bolt kit	2 lbs
4"x 6" toolbar ¾"u-bolt kit	2 lbs
5"x 5" toolbar ¾"u-bolt kit	2 lbs
5"x 7" toolbar ¾"u-bolt kit	2 lbs
6"x 4" toolbar ¾"u-bolt kit	2 lbs
6''x 6'' toolbar ¾''u-bolt kit	2 lbs
7"x 5" toolbar ¾"u-bolt kit	2 lbs
7"x 7" toolbar ¾"u-bolt kit	2 lbs
	4''x 6'' toolbar ¾''u-bolt kit 5''x 5'' toolbar ¾''u-bolt kit 5''x 7'' toolbar ¾''u-bolt kit 6''x 4'' toolbar ¾''u-bolt kit 6''x 6'' toolbar ¾''u-bolt kit 7''x 5'' toolbar ¾''u-bolt kit

	2995 Xtre	me <sup>TM</sup> (XCC) Cutting Coulter	S
(11)	STANDAR	D FEATURES FOR ALL MODELS	
	<ul> <li>Has 1 ¾" diameter mour</li> </ul>	t shank • Mounting kit	s available for: 4" sq.", 4" x 6"
	<ul> <li>Down pressure set at 200</li> </ul>	00 lbs 6" x 4", 6" sq	., 5" x 7" and 7" sq
Contraction of the second	<ul> <li>Allows 6" of vertical training</li> </ul>	• Available Ri	ght Hand only
Par 2			
29	Orde	r from Section A Below	
	And t	hen B, D, E and F above	
Section A:			
XCC Coulter		Order manual: 25	65-788
Model No. I	Description		Est Wt.
2995-087	XCC Xtreme <sup>™</sup> Cutting Coulter	14 5/8" to 20" Blade	51 lbs
Section C:	Blades		
2571-168	.157 x 20" Multi-hole fluted		13 lbs
2571-199	.157 x 20" Multi-hole flat blade smooth		14 lbs
Section A:	·		
<b>XCC</b> Coulter			
Model No. I	Description		Est Wt.
2995-089	XCC Xtreme <sup>™</sup> Cutting Coulter	24" Blade	51 lbs
8 . ť - 0	DL		
Section C:			20.11
2571-282	.25 x 24.8" Flat blade smooth		32 lbs

## **GENERAL INFORMATION**



### **TOOLBAR GUIDE**

	,	OOLDAI		
		SIZE (INCHE	S)	
MANUFACTURER		HORIZONTAL	VERTICAL	MODEL
AG SYSTEMS		6	4	6000
AG SYSTEMS		6	4	7200 & 8000
BLU-JET		7	7	AT 3000
BLU-JET		6	6	AT 5000
BLU-JET		6	4	LAND RUNNER
BLU-JET		6	6	AT 6010
CLARK		4	6	
CNH/DMI		4	4	small bar
CNH/DMI		4	6	2800
CNH/DMI		4	6	3000 SERIES
CNH/DMI		4	6	4000 SERIES
CNH/DMI		4	6	5000 SERIES
DALTON		4	6	DUAL RANK
DALTON		4	6	DW3000, DW6000
FAST		7	7	8100 MAIN FRAME
FAST		5	7	8100 WING FRAME
FAST		4	6	8129 TWIN FRAME
КВН		4	7	
KONGSKILDE/PR	OGRESSIVE	7	7	2500 & 2450
KONGSKILDE/PR	OGRESSIVE	7	5	1300
P & H		4	6	2880
P & H		6	4	2897
SCHABEN		4	6	LA9000

### **TOOLBAR GUIDE**

Single Toolbar mounting for RIGID C-SHANK Mount Coulter Clamp Toolbar size: Horizontal dimension X Vertical dimension Example: 4" X 6" = 4" horizontal X 6" vertical

Toolbar size	U-Bolt	Mount Kit
Horiz. X Vertical	2 per row	
4X4	6000-030	2995-082
4X6	6000-031	2995-082
5X5	6000-032	2995-082
5X7	6000-033	2995-082
6X4		n/a
6X6		n/a
7X5	6000-036	2995-082
7X7	6000-037	2995-082

Double Toolbar mounting for RIGID MOUNT Coulter Clamp on front toolbar Toolbar size: Horizontal dimension X Vertical dimension Example: 4" X 6" = 4" horizontal X 6" vertical

Toolbar size Horiz. X Vertical	U-Bolt 1 per row	Mount Kit
4X4	6000-030	2995-080/2995-088
4X6	6000-031	2995-080/2995-088
5X5		n/a
5X7		n/a
6X4	6000-034	2995-088
6X6	6000-035	2995-088
7X5	6000-036	2995-088
7X7	6000-037	2995-088

Double Toolbar mounting for RIGID MOUNT 4" Offset Right Hand Coulter Clamp on front toolbar Toolbar size: Horizontal dimension X Vertical dimension Example: 4" X 6" = 4" horizontal X 6" vertical

U-Bolt	Mount Kit
2 per row	
6000-030	2995-081
6000-031	2995-081
6000-032	2995-081
6000-033	2995-081
	n/a
	n/a
6000-036	2995-081
6000-037	2995-081
	2 per row 6000-030 6000-031 6000-032 6000-033

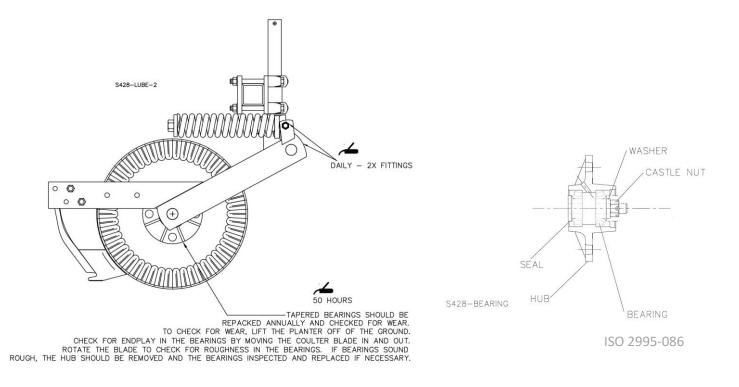
## MAINTENANCE

- After a few hours use, check all bolts and setscrews for tightness.
- After using a few hours, check for loose hardware, re-tighten as needed.

• After a few days use, check coulter hubs for loose bearings. There should be no end play in the hub bearings to allow it to wobble. If necessary, remove hub cap and cotter pin, adjust slotted nut to remove wobble, re-insert cotter pin and replace hub cap.

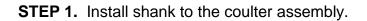
### LUBRICATION

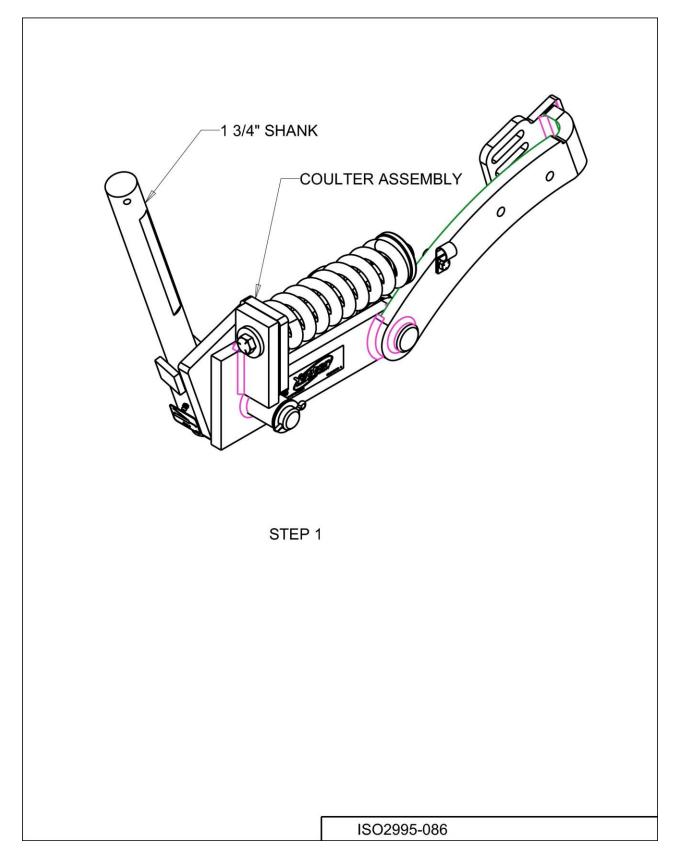
**DANGER:** Always install safety lock-ups or lower the planter to the ground before working on the machine. Lubricate at frequency indicated with a multi-purpose type grease.

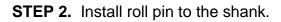


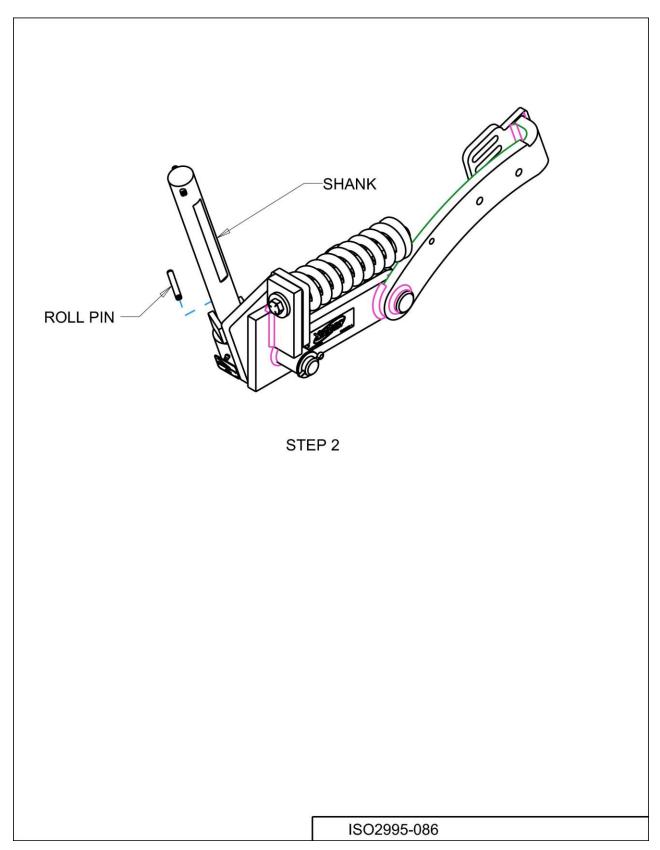
DANGER: Always install all safety lock-ups and safety lock pins before working under the toolbar.

- 1. Raise the toolbar until is clear off the ground. Remove the gauge wheel and the blade. Remove the hubcap, cotter pin, slotted nut and washer from the spindle shaft assembly.
- 2. Pull the coulter spindle shaft assembly from the hub. Remove bearing cones and cups and discard if bearings are being replaced. Clean hub and dry. Remove bearings only and not cups of re-packing.
- 3. Wash the old grease from the hub, bearing cups, coulter spindle shaft, seal, and bearing cones. Inspect the condition of bearing cups and cones.
- 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. Install outer bearing, washer, and slotted nut. Tighten the slotted nut to 150 in. lbs. while rotating the blade or until a definite drag is felt when the 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.

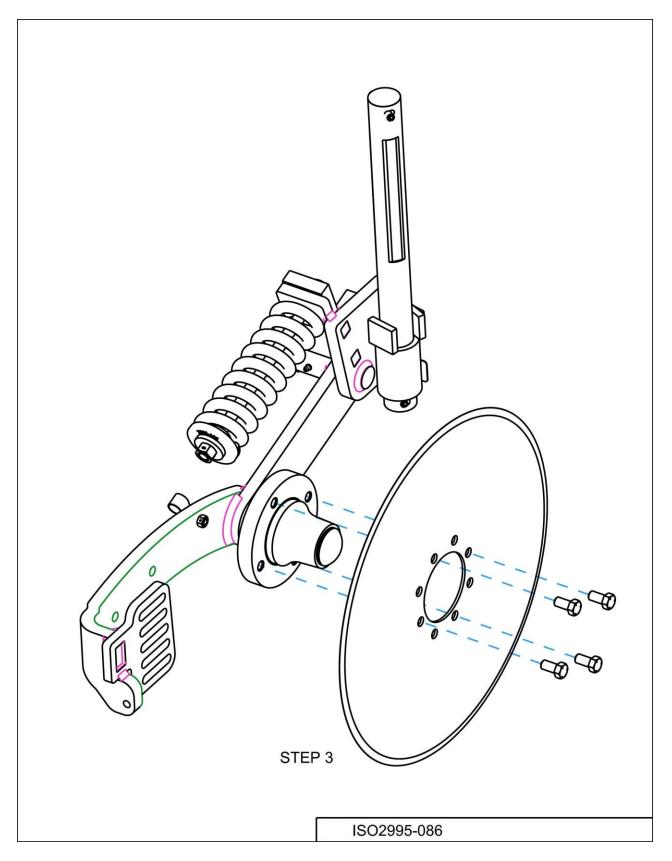




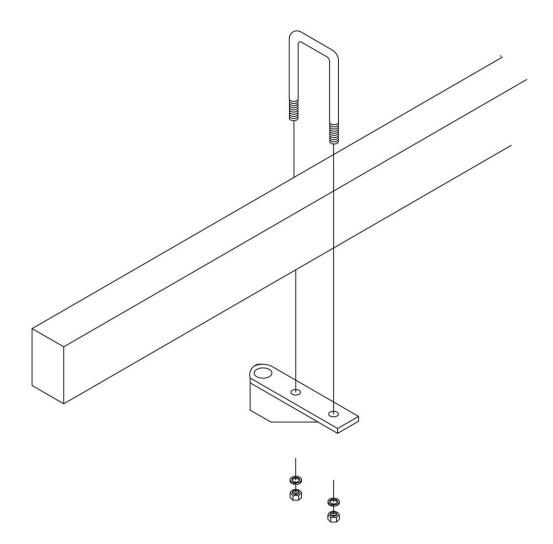




**STEP 3.** Attach the blade to the coulter assembly using the 4)  $\frac{1}{2}$  – 20 X 1" Hex Head Bolts.

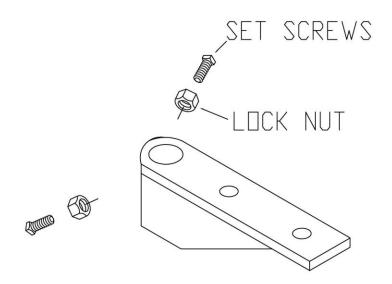


**STEP 4.** Attach the toolbar clamp to the frame.

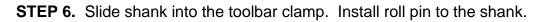


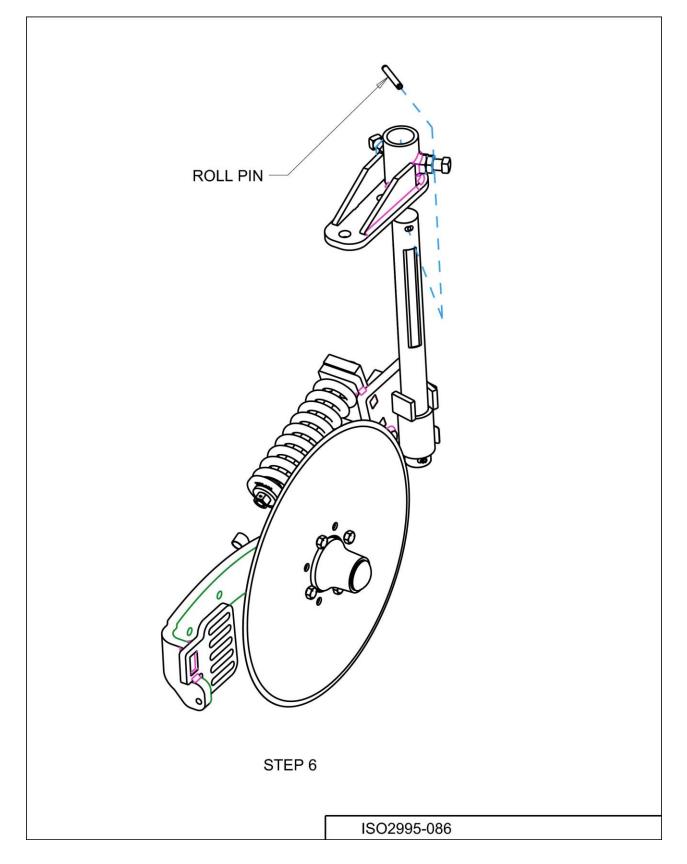
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**STEP 5.** Loosely assemble the set screws and lock nuts to the toolbar clamp.

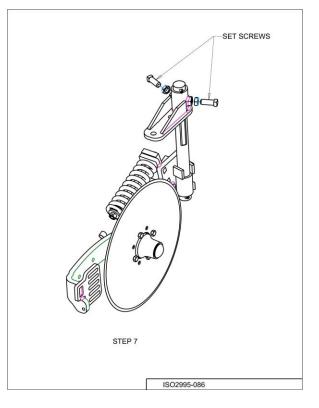


## ISO 2995-086\_1



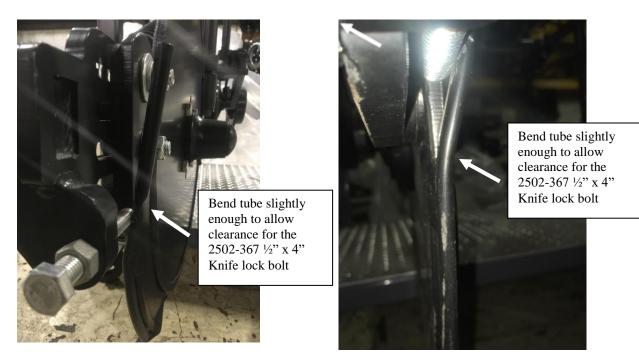


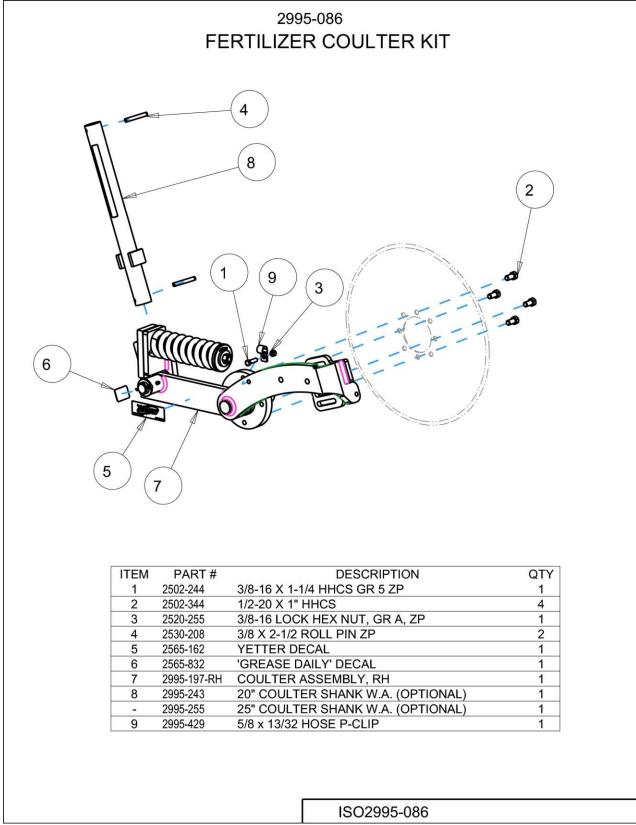
**STEP 7.** Adjust coulter shank up or down as needed to securely tighten 2) set screws.

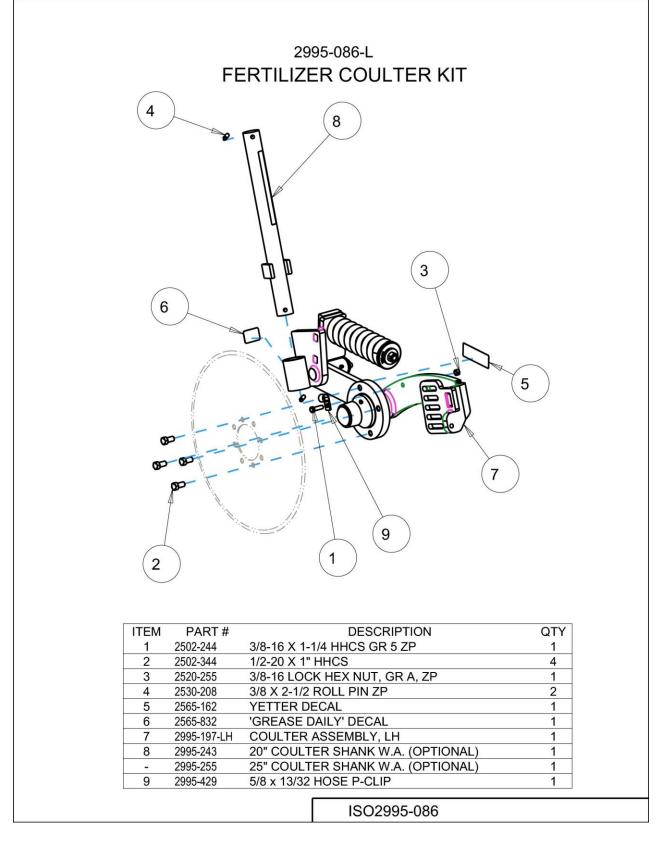


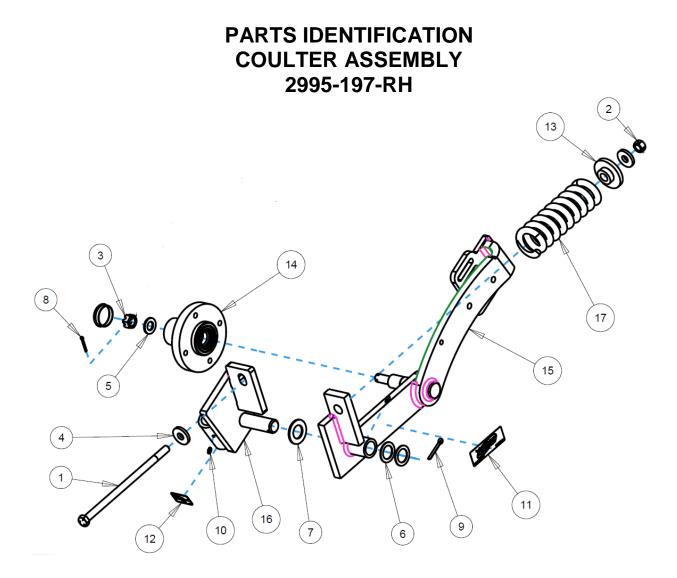
**STEP 8.** If using fertilizer, install the 2995-083 injector or 2995-084 knife as shown in the parts identification section of this manual.

When installing the 2995-084 knife kit, bend the fertilizer tube slightly enough to allow clearance for the 2502-367  $\frac{1}{2} \times 4^{\circ}$  knife lock bolt – see photo illustrations.





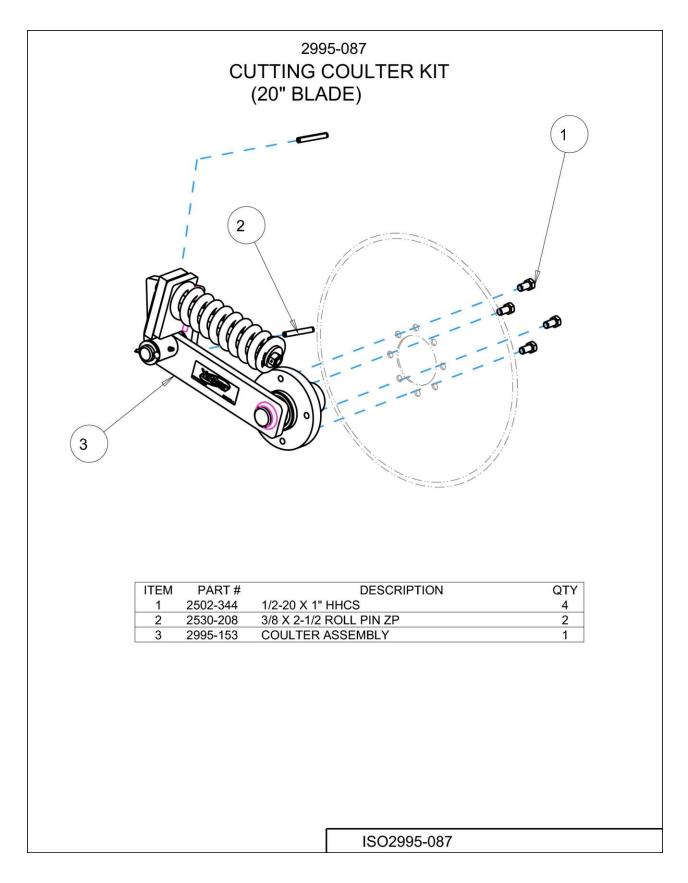


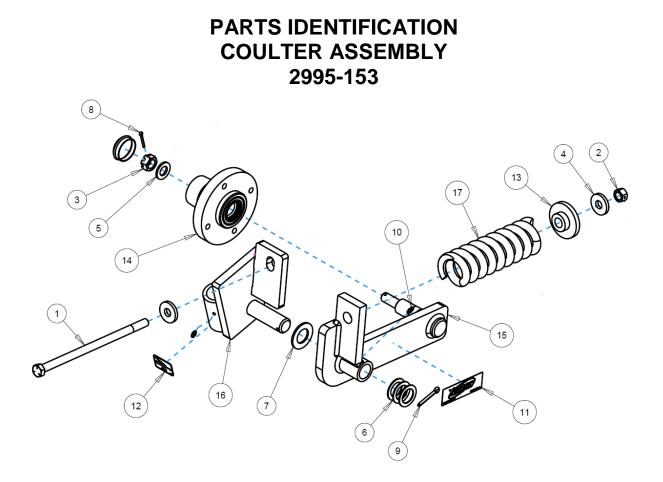


ITEM	PART NO.	DESCRIPTION	QTY
1	2502-337	5/8-11 X 12 HHCS GRADE 5	1
2	2520-459	5/8-11 LOCK NUT GRADE B	1
3	2520-503	34-16 SLOTTED HEX NUT GRADE 2	1
4	2526-449	5/8 FLAT WASHER 1/4" THICK	2
5	2526-504	34 SAE FLAT WASHER	1
6	2526-561	1-17/64 ID X 1-7/8 OD X 14 GAUGE MACHINE WASHER	3
7	2526-562	1-17/64 ID X 2-1/4 OD X 10 GAUGE MACHINE WASHER	1
8	2531-109	5/32 X 1-1/4 COTTER PIN	1
9	2531-125	1⁄4 X 1-3/4 COTTER PIN	1
10	2533-110	1/4-28 LUBE FITTING STRAIGHT SELF-TAP	2
11	2565-162	YETTER DECAL	1
12	2565-832	GREASE DAILY DECAL	1
13	2986-405	SPRING BUSHING	1
14	2995-138	633 HUB ASSEMBLY	1
	2533-110	1/4-28 LUBE FITTING STRAIGHT SELF-TAP	1
	2550-012	OUTER BEARING CONE LM11949	1
	2550-013	OUTER BEARING CUP LM11910	1
	2550-027	INNER BEARING CONE LM67048	1
	2550-029	INNER BEARING CUP LM67010	1
	2995-400	HUB	1
	2995-401	SEAL CR-14975	1
	2995-402	DUST CAP	1
15	2995-253-RH	RIGHT HAND ARM WITH KNIFE MOUNT	1
16	2995-254-RH	RIGHT HAND PIVOT	1
17	2995-403	SPRING	1

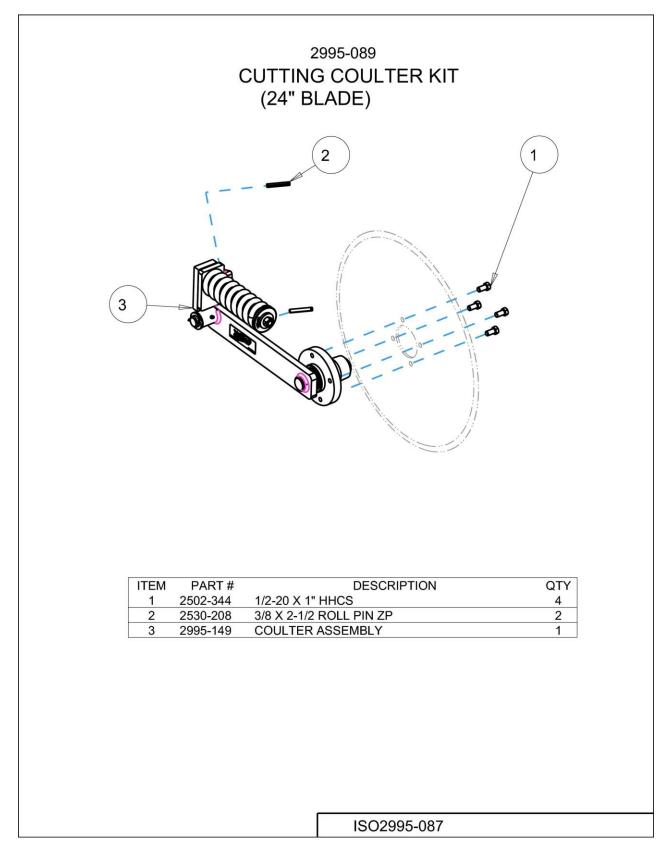
### PARTS IDENTIFICATION COULTER ASSEMBLY LH 2995-197-LH @))))))@@¢ (1) Č. a O Ó Ó Ó (7 Ś

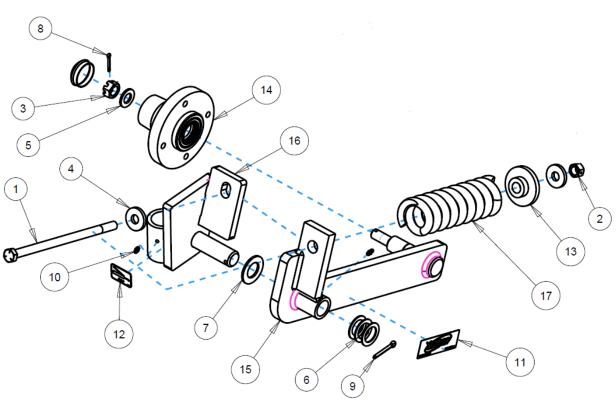
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3	2520-503	34-16 SLOTTED HEX NUT GRADE 2	
4	2526-449	5/8 FLAT WASHER 1/4" THICK	
5	2526-504	¾ SAE FLAT WASHER	
6	2526-561	1-17/64 ID X 1-7/8 OD X 14 GAUGE MACHINE WASHER	3
7	2526-562	1-17/64 ID X 2-1/4 OD X 10 GAUGE MACHINE WASHER	
8	2531-109	5/32 X 1-1/4 COTTER PIN	
9	2531-125	1/4 X 1-3/4 COTTER PIN	
10	2533-110	1/4-28 LUBE FITTING STRAIGHT SELF-TAP	2
11	2565-162	YETTER DECAL	
12	2565-832	GREASE DAILY DECAL	
13	2986-405	SPRING BUSHING	
14	2995-138	633 HUB ASSEMBLY	
	2533-110	1/4-28 LUBE FITTING STRAIGHT SELF-TAP	
	2550-012	OUTER BEARING CONE LM11949	1
	2550-013	OUTER BEARING CUP LM11910	1
	2550-027	INNER BEARING CONE LM67048	1
	2550-029	INNER BEARING CUP LM67010	1
	2995-400	HUB	1
	2995-401	SEAL CR-14975	1
	2995-402	DUST CAP	1
15	2995-253-LH	LEFT HAND ARM WITH KNIFE MOUNT	
16	2995-254-LH	LEFT HAND PIVOT 1	
17	2995-403	SPRING 1	





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14	2995-138	633 HUB ASSEMBLY	
	2533-110	14-28 LUBE FITTING STRAIGHT SELF-TAP	
	2550-012	OUTER BEARING CONE LM11949	1
	2550-013	OUTER BEARING CUP LM11910	1
	2550-027	INNER BEARING CONE LM67048	1
	2550-029	INNER BEARING CUP LM67010	1
	2995-400	HUB	1
	2995-401	SEAL CR-14975	1
	2995-402	DUST CAP	1
15	2995-246	ARM	1
16	2995-254-RH	RIGHT HAND PIVOT	1
17	2995-403	SPRING 1	

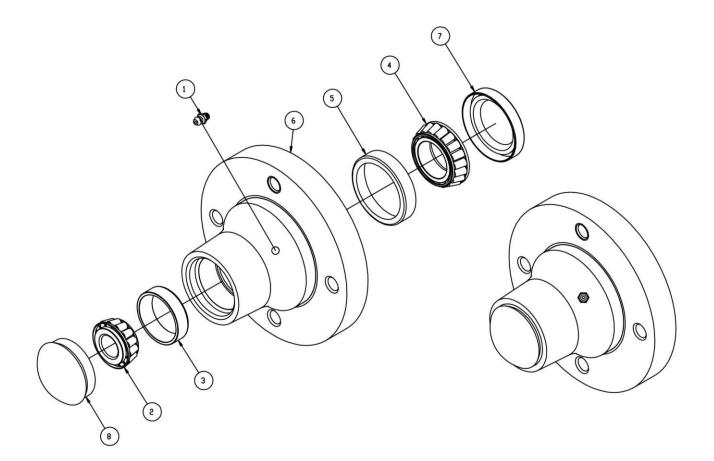




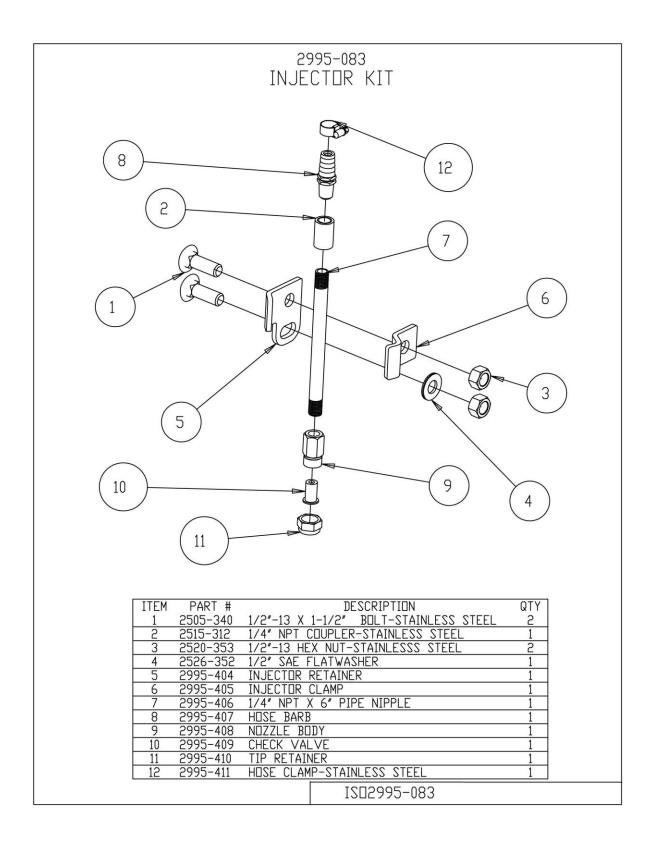
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	2550-027	INNER BEARING CONE LM67048		
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	2995-401	SEAL CR-14975	1	
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15	2995-248	ARM		
16	2995-254-RH	RIGHT HAND PIVOT		
17	2995-403	SPRING	1	

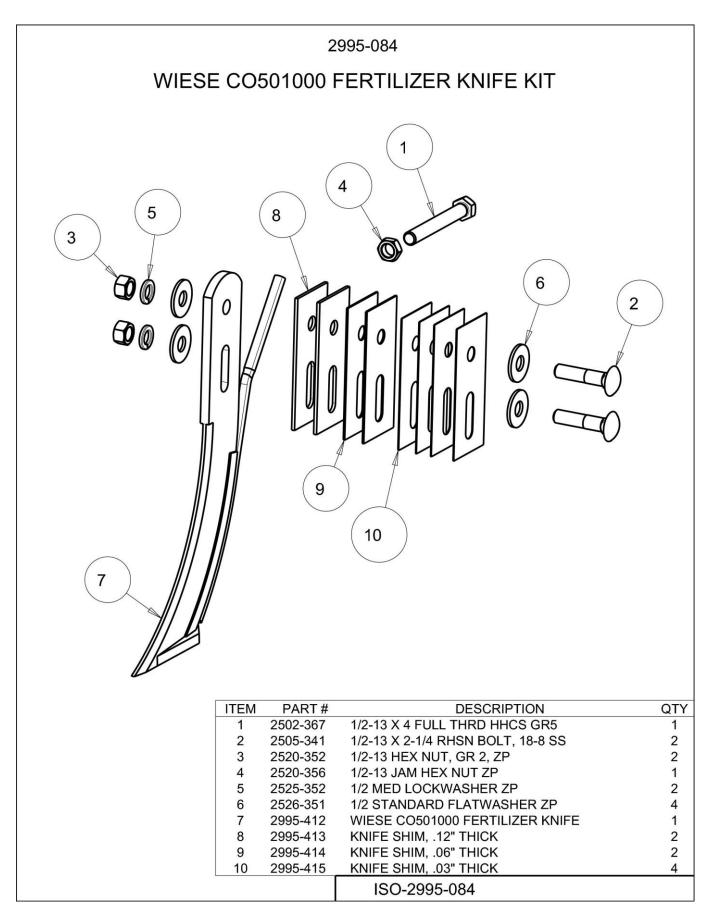
2995-149

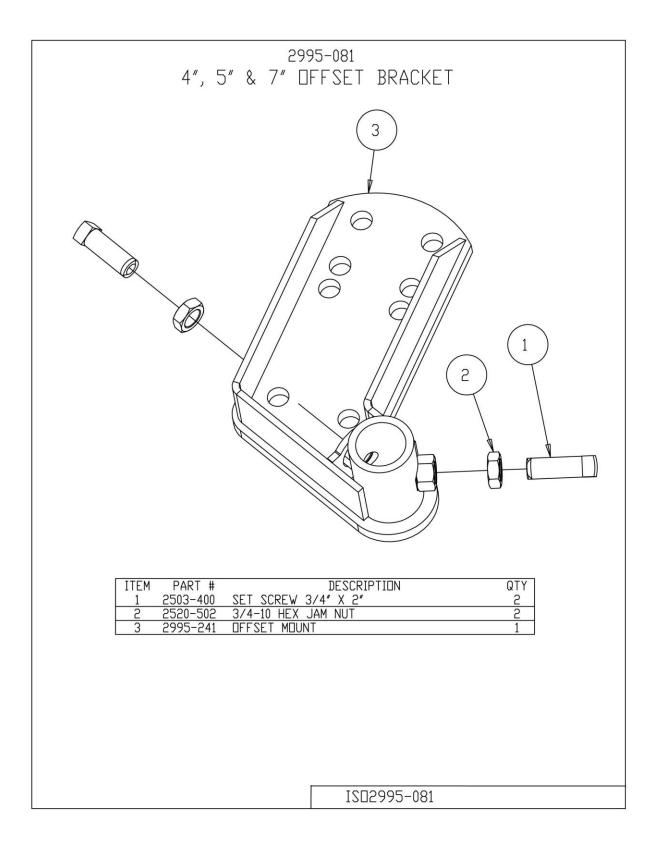


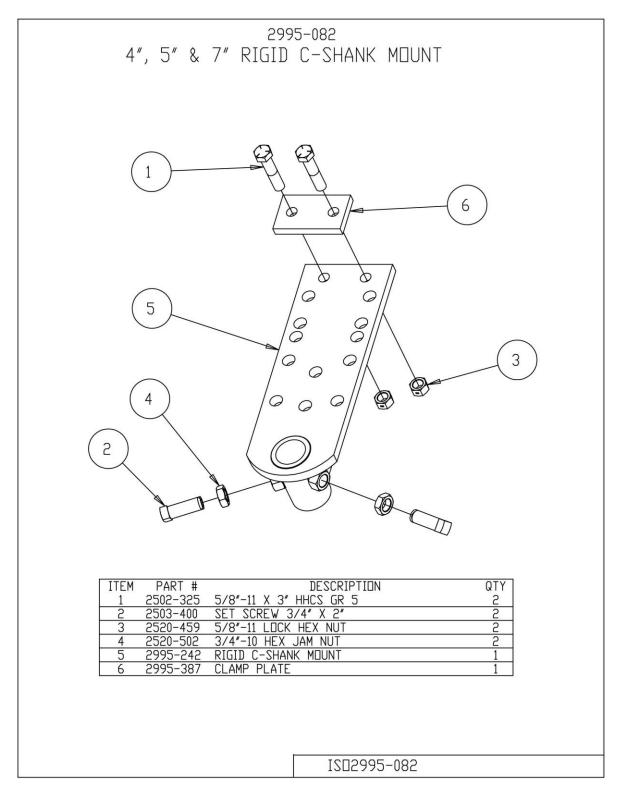


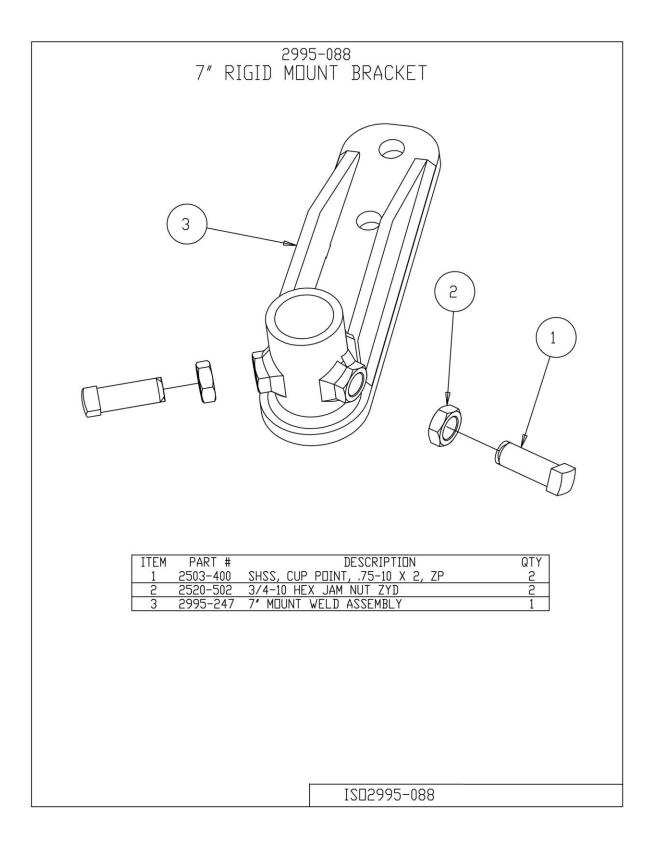
ITEM	PART NO	DESCRIPTION	QTY
1	2533-110	1/4-28 ZERK STRAIGHT SELF-TAP	1
2	2550-012	CONE W.G. (LM11949)	1
3	2550-013	CUP W.G. (LM11910)	1
4	2550-027	CONE, LM67048	1
5	2550-029	CUP, LM67010	1
6	2995-400	633 HUB, MACHINED	1
7	2995-401	SEAL, CR #14975	1
8	2995-402	HUB CAP, 633 HUB	1

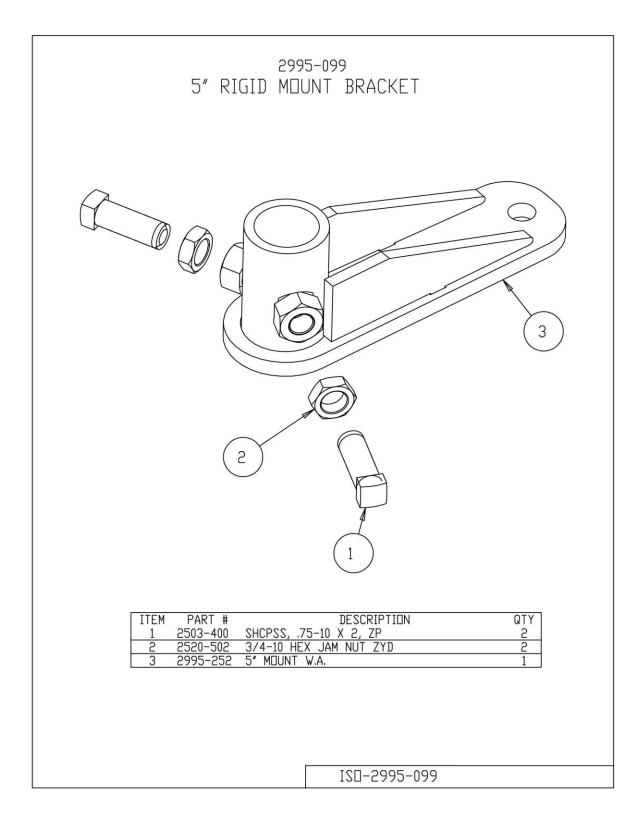












### TROUBLESHOOTING

<u>Problem</u> Residue plugging knife	<u>Cause</u> Knife not correctly aligned behind blade	<u>Solution</u> Use shims to align knife behind blade
Blade not penetrating	Insufficient coulter spring pressure	Tighten coulter spring locknut
Fertilizer too shallow	Coulter incorrectly adjusted	Adjust height of coulter by sliding shank down
	Toolbar is too high	Lower toolbar
Fertilizer too deep	Coulter incorrectly adjusted Too low toolbar	Adjust height of coulter by sliding shank up Raise toolbar
Fertilizer will not flow	Plugged fertilizer tubes	Check for plugged fertilizer tube openings on knife
		Check for plugged fertilizer delivery tubes on toolbar

# 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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