

2995 XFC Fertilizer Coulter 2995 XCC Cutting Coulter

OPERATORS MANUAL

WITH PARTS IDENTIFICATION

2565-788 REV D • 02/2019



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.

The word **NOTE** is used to convey information that is out of context with the manual text. It contains special information such as specifications, techniques and reference information of a supplementary nature.

The word **IMPORTANT** is used in the text when immediate damage will occur to the machine due to improper technique or operation. Important will

apply to the same information as specified by note only of an immediate and urgent nature.

It is the responsibility of the user to read the operator's manual and comply with the safe and correct operating procedure and to lubricate and maintain the product according to the maintenance schedule in the operator's manual.

The user is responsible for inspecting his machine and for having parts repaired or replaced when continued use of the product would cause damage or excessive wear to the other parts.

It is the user's responsibility to deliver his machine to the Yetter dealer who sold him the product for service or replacement of defective parts, 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

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.

SAFETY



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

CAUTION: Used as a general reminder of good safety practices or to direct attention to unsafe

practices.

WARNING: Denotes a specific potential hazard.

DANGER: Denotes the most serious specific potential hazard.

SAFETY PRECAUTIONS

You can make your farm a safer place to live and work if you observe the safety precautions given. Study these precautions carefully and insist that they be followed by those working with you and for you.

Finally, remember this: an accident is usually caused by someone's carelessness, neglect, or oversight.



Never clean, lubricate or adjust a machine that is in motion. Always lower or block the implement before performing service.

If machine must be serviced in the raised position, jack or block it up to prevent it from accidentally falling and injuring someone.

Do not allow riders on the tractor or implement.

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

Be sure all personnel are clear of the immediate area before operating.

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

Be familiar with all tractor and implement controls and be prepared to stop engine and implements quickly in an emergency.



Consult your implement and tractor operator's manual for correct and safe operating practices.

Beware of towed implement width and allow safe clearance.

FAILURE TO HEED MAY RESULT IN PERSONAL INJURY OR DEATH.

GENERAL INFORMATION

2995 XtremeTM (XFC) Fertilizer Coulters



STANDARD FEATURES FOR ALL MODELS

- 20" blade available in smooth, ripple Available with injection or rear knife or notched
- Down pressure set at 2000 lbs
- Coulter allows 6" of vertical travel
- Mounting kits available for: 4" sq.", 4" x 6"
- 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

XFC Fertilizer Coulter

Order manual: 2565-788 Est Wt. Model No. Description

	Two. Description			
2995-086-L	LH XFC Xtreme™ Fertilizer Coulter assy		58 lbs	
2995-086	RH XFC Xtreme™ Fertilizer Coulter assy		.58 lbs	
Section	B: Shank	.00		
2995-243	20" Coulter Shank	Ī	14 lbs	
2995-255	25" Coulter Shank		18 lbs	
Section	C: Blades			
2571-168	.157 x 20" Multi-hole fluted		13 lbs	
2571-199	.157 x 20" Multi-hole flat blade		14 lbs	
Section	D: Injector/Knife Kit (Not applicable with 2995-087)			
	D: Injector/Knife Kit (Not applicable with 2995-087)		2 lbs	
Section 2995-083 2995-084			2 lbs 5 lbs	
2995-083 2995-084	Injector Kit			
2995-083 2995-084 Section	Injector Kit Fertilizer Knife Kit - with 3/8" tube	(requires 1 u-bolt kit)		
2995-083 2995-084 Section 2995-080	Injector Kit Fertilizer Knife Kit - with 3/8" tube E: Mount Kit (toolbar width x height)	(requires 1 u-bolt kit) (requires 2 u-bolt kits)	5 lbs	
2995-083 2995-084 Section 2995-080 2995-081	Injector Kit Fertilizer Knife Kit - with 3/8" tube E: Mount Kit (toolbar width x height) Rigid Mount Bracket 4x4 & 4x6		5 lbs	
2995-083 2995-084 Section 2995-080 2995-081 2995-088	Injector Kit Fertilizer Knife Kit - with 3/8" tube E: Mount Kit (toolbar width x height) Rigid Mount Bracket 4x4 & 4x6 Offset Mount Bracket 4x4, 4x6, 5x5, 5x7, 7x5, 7x4 &7x7	(requires 2 u-bolt kits)	5 lbs 9 lbs 16 lbs	
2995-083 2995-084	Injector Kit Fertilizer Knife Kit - with 3/8" tube E: Mount Kit (toolbar width x height) Rigid Mount Bracket 4x4 & 4x6 Offset Mount Bracket 4x4, 4x6, 5x5, 5x7, 7x5, 7x4 &7x7 Rigid Mount Bracket 6x4, 6x6, 7x4, 7x5, 7x7	(requires 2 u-bolt kits) (requires 1 u-bolt kit)	5 lbs 9 lbs 16 lbs 11 lbs	

Section	F.	II-holt	Kite
Section	1.	O-bon	LIII

Section 1. O-bolt Kits		
6000-030	4"x 4" toolbar 3/4"u-bolt kit	2 lbs
6000-031	4"x 6" toolbar ¾"u-bolt kit	2 lbs
6000-032	5"x 5" toolbar 34"u-bolt kit	2 lbs
6000-033	5"x 7" toolbar 34"u-bolt kit	2 lbs
6000-034	6"x 4" toolbar 34"u-bolt kit	2 lbs
6000-035	6"x 6" toolbar 34"u-bolt kit	2 lbs
6000-036	7"x 5" toolbar 34"u-bolt kit	2 lbs
6000-037	7"x 7" toolbar 34"u-bolt kit	2 lbs

2995 Xtreme™ (XCC) Cutting Coulters





- Has 1 3/4" diameter mount shank
- Down pressure set at 2000 lbs
- Allows 6" of vertical travel
- Mounting kits available for: 4" sq.", 4" x 6"
- 6" x 4", 6" sq., 5" x 7" and 7" sq
- · Available Right Hand only

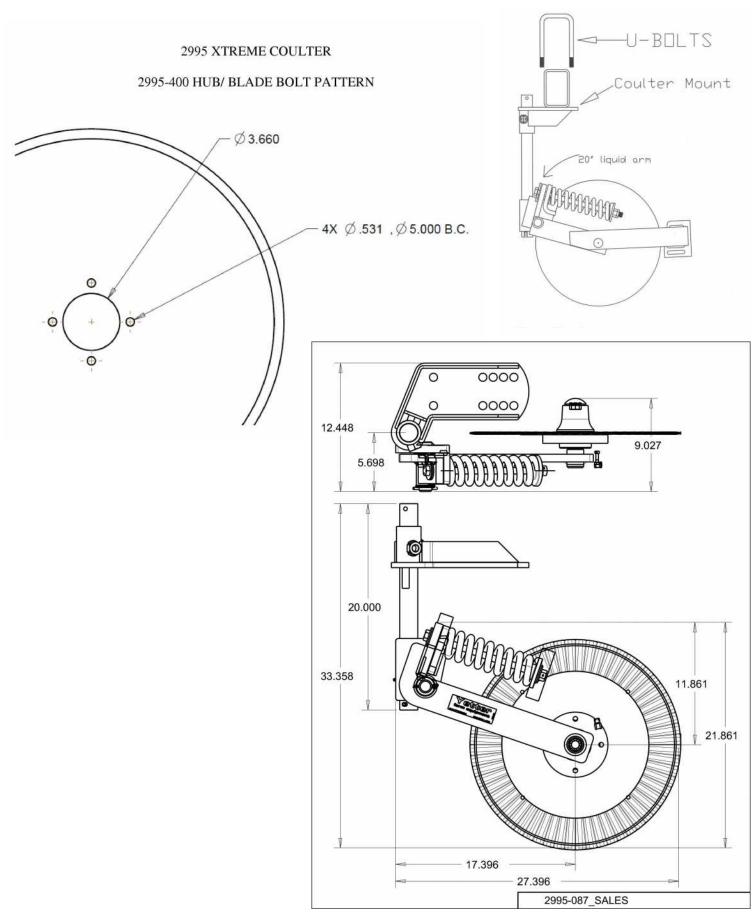
Order from Section A Below And then B, D, E and F above

Section A: **XCC Coulter** Model No.

Order manual: 2565-788

Model No. Description		Est Wt.	
2995-087	XCC Xtreme™ Cutting Coulter	14 5/8" to 20" Blade	51 lbs
Section C	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: XCC Coulter Model No. Description			Est Wt.
2995-089	XCC Xtreme™ Cutting Coulter	24" Blade	51 lbs
Section C	C: Blades		
2571-282	25 x 24 8" Flat blade smooth		32 lbs

GENERAL INFORMATION



TOOLBAR GUIDE

SIZE (INCHES)

	SIZE (IIVCHE	:3)	
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
KBH	4	7	
KONGSKILDE/PROGRESSIVE	7	7	2500 & 2450
KONGSKILDE/PROGRESSIVE	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	U-Bolt	Mount Kit
Horiz. X Vertical	1 per row	
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

Toolbar size	U-Bolt	Mount Kit
Horiz. X Vertical	2 per row	
4X4	6000-030	2995-081
4X6	6000-031	2995-081
5X5	6000-032	2995-081
5X7	6000-033	2995-081
6X4		n/a
6X6		n/a
7X5	6000-036	2995-081
7X7	6000-037	2995-081

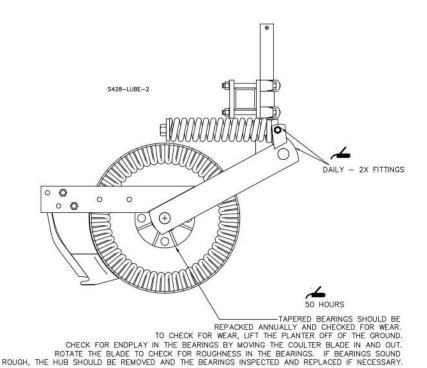
MAINTENANCE

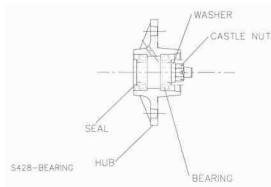
- After a few hours use, check all bolts and setscrews for tightness.
- After using a few hours, check for loose hardware, re-tighten as needed.
- After a few days use, check coulter hubs for loose bearings. There should be no end play in the hub bearings to allow it to wobble. If necessary, remove hub cap and cotter pin, adjust slotted nut to remove wobble, re-insert cotter pin and replace hub cap.

Λ

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.





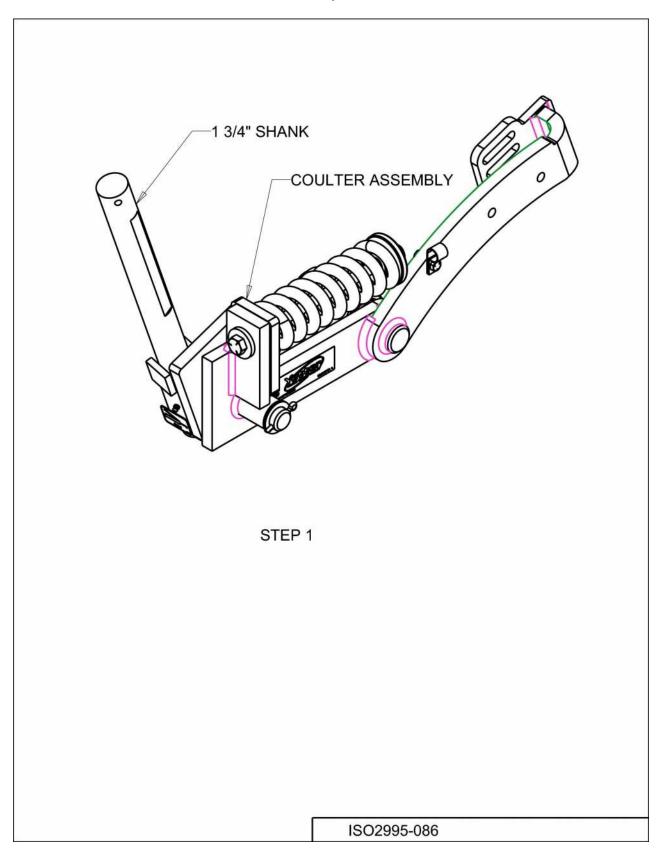
ISO 2995-086



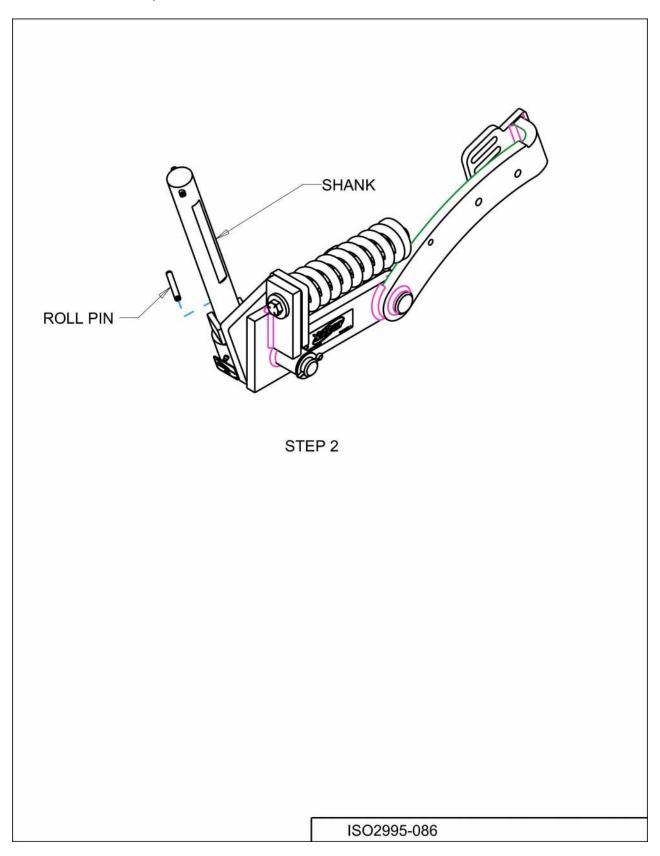
DANGER: Always install all safety lock-ups and safety lock pins before working under the toolbar.

- 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.

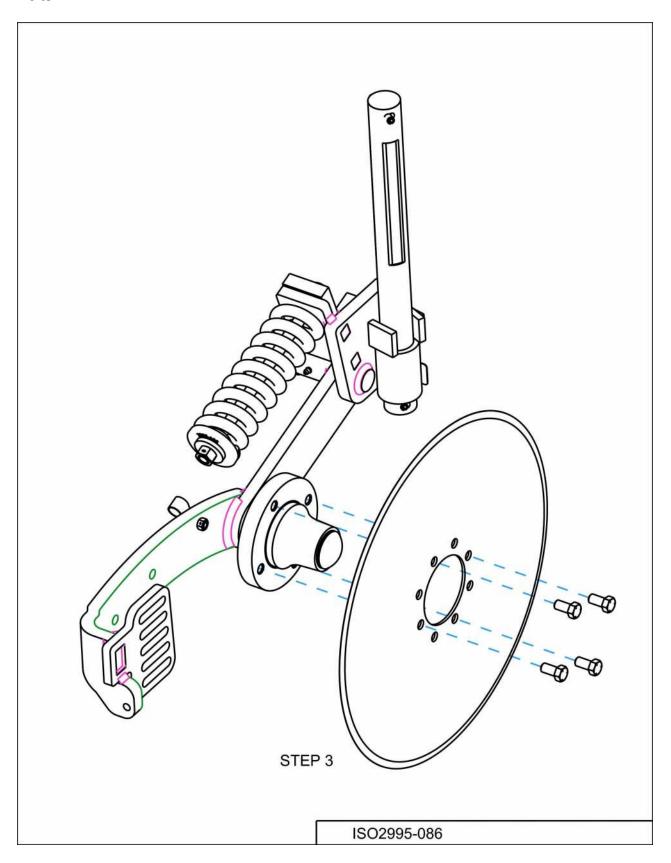
STEP 1. Install shank to the coulter assembly.



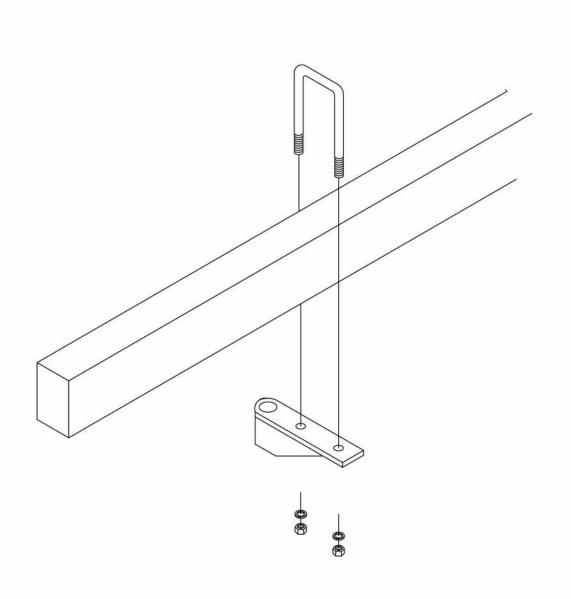
STEP 2. Install roll pin to the shank.



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

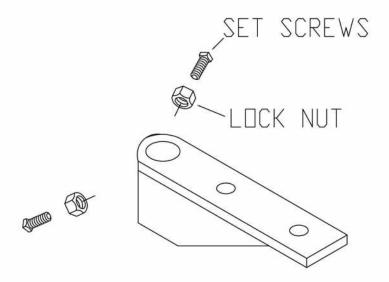


STEP 4. Attach the toolbar clamp to the frame.



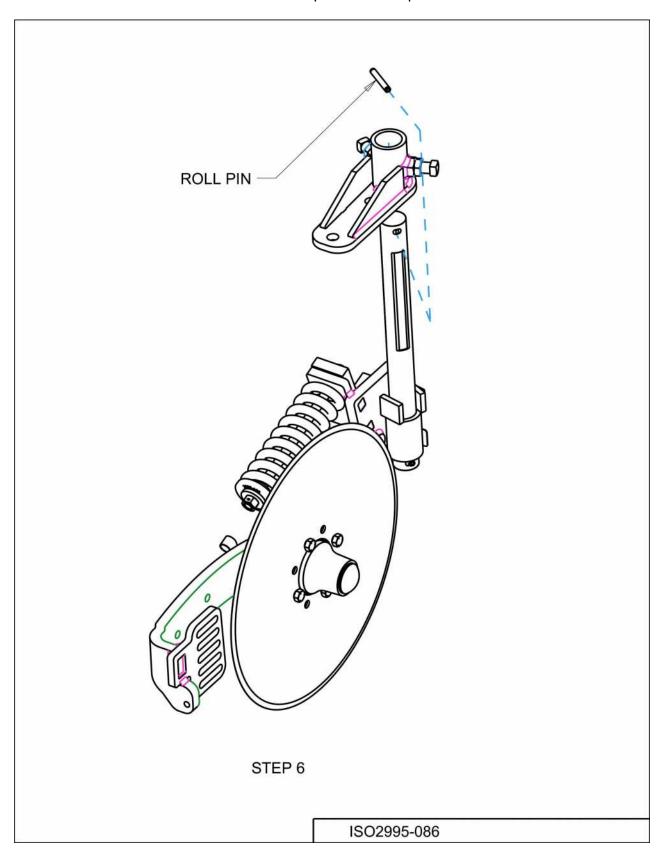
ISO 2995-086_1

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

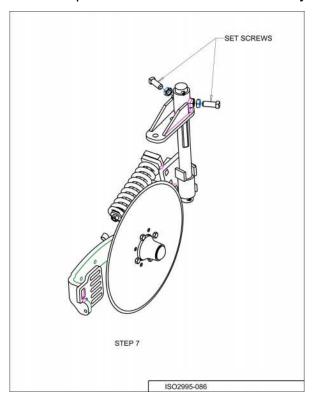


ISO 2995-086_1

STEP 6. Slide shank into the toolbar clamp. Install roll pin to the shank.

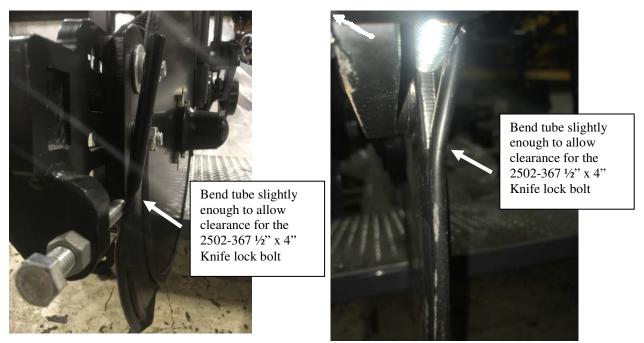


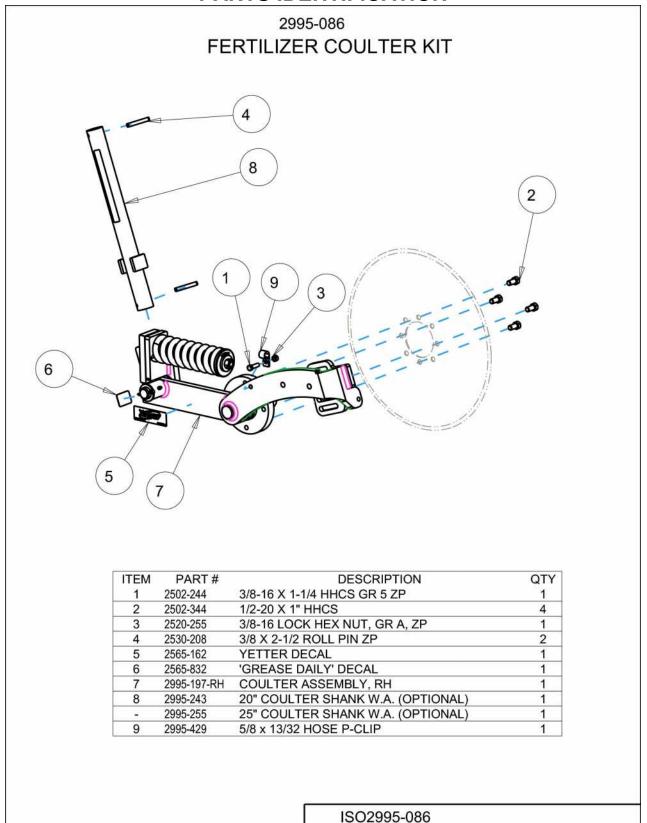
STEP 7. Adjust coulter shank up or down as needed to securely tighten 2) set screws.

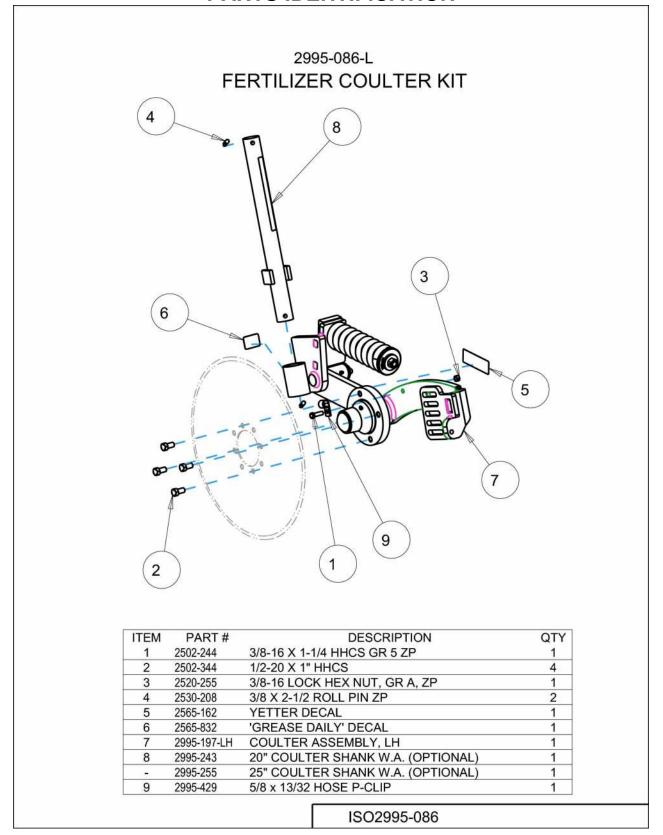


STEP 8. If using fertilizer, install the 2995-083 injector or 2995-084 knife as shown in the parts identification section of this manual.

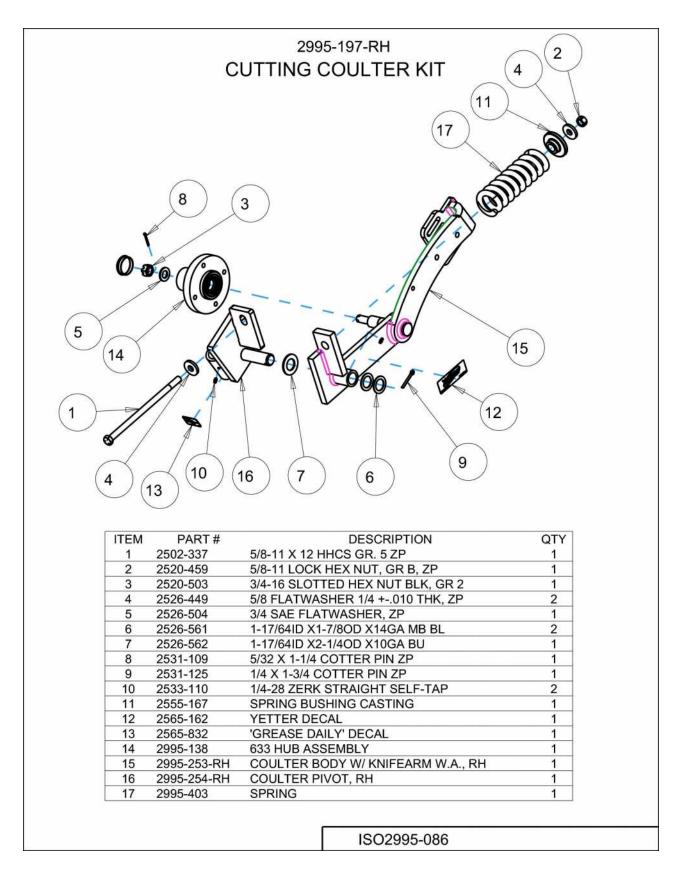
NOTE: When installing the 2995-084 knife kit, bend the fertilizer tube slightly enough to allow clearance for the 2502-367 $\frac{1}{2}$ x 4" knife lock bolt – see photo illustrations.



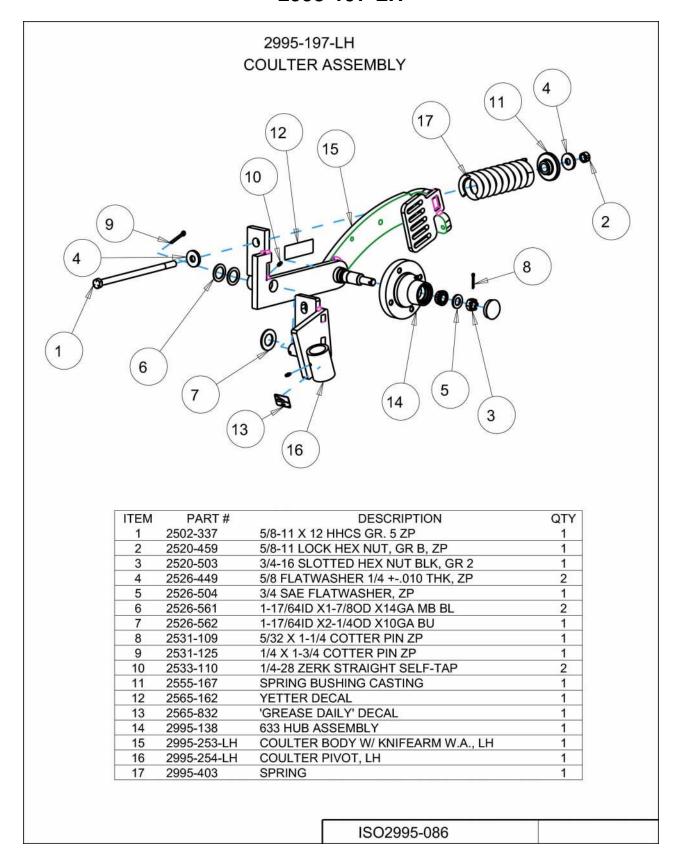


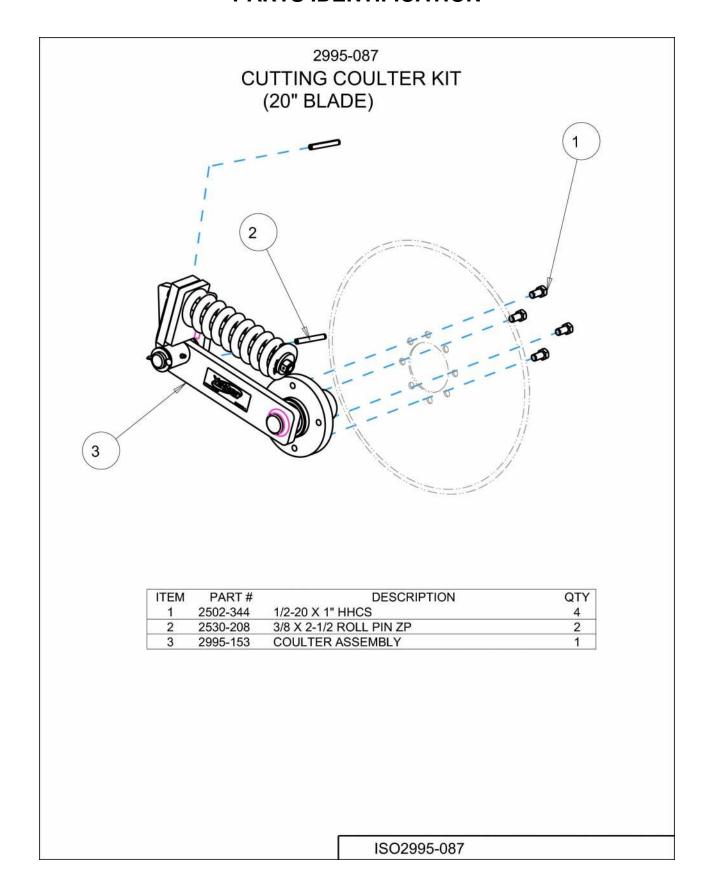


PARTS IDENTIFICATION COULTER ASSEMBLY 2995-197-RH

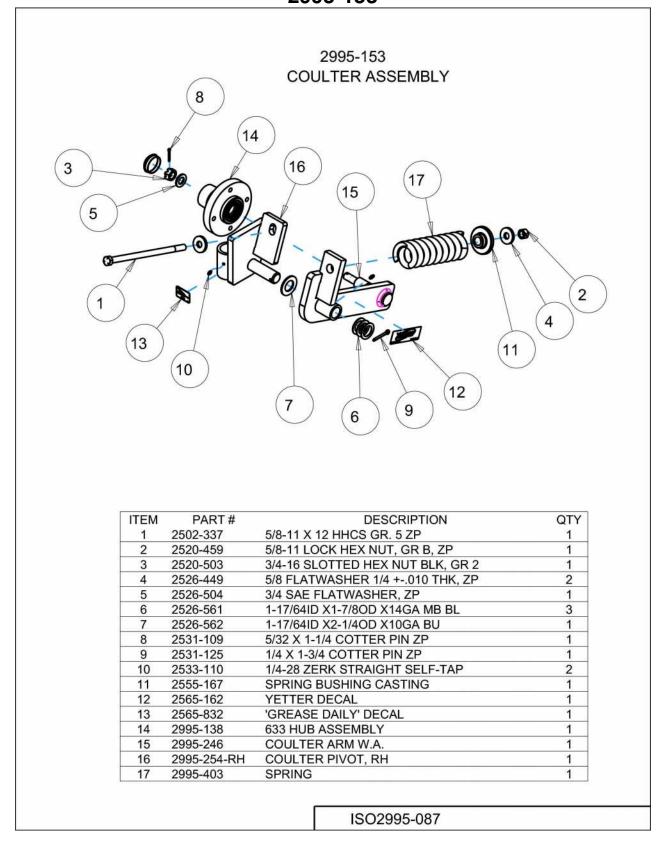


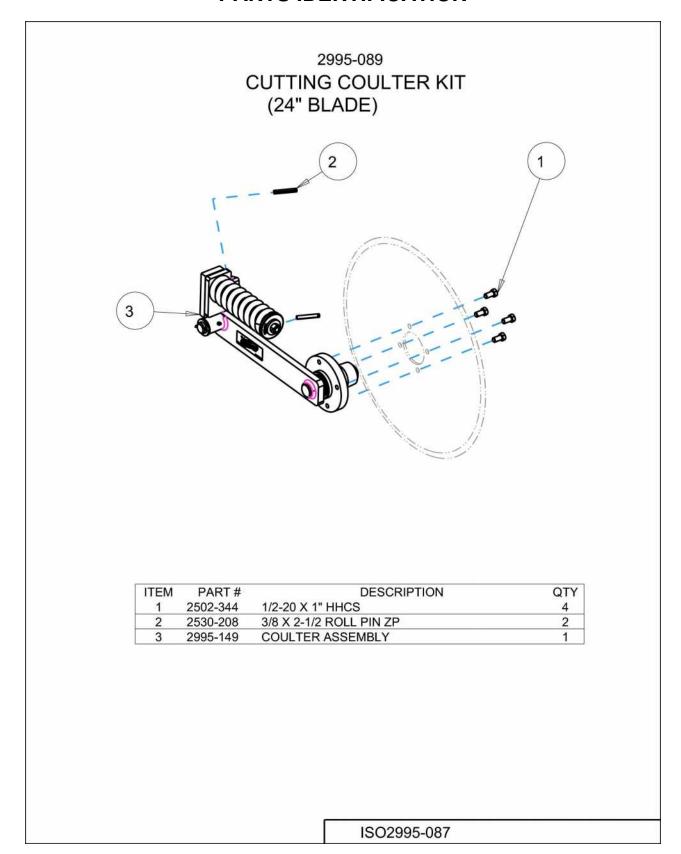
PARTS IDENTIFICATION COULTER ASSEMBLY LH 2995-197-LH



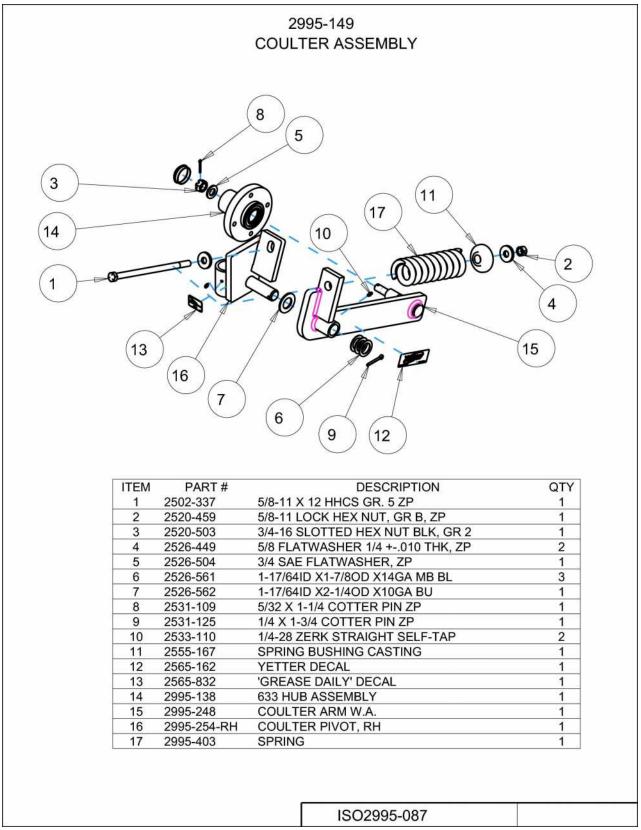


PARTS IDENTIFICATION COULTER ASSEMBLY 2995-153

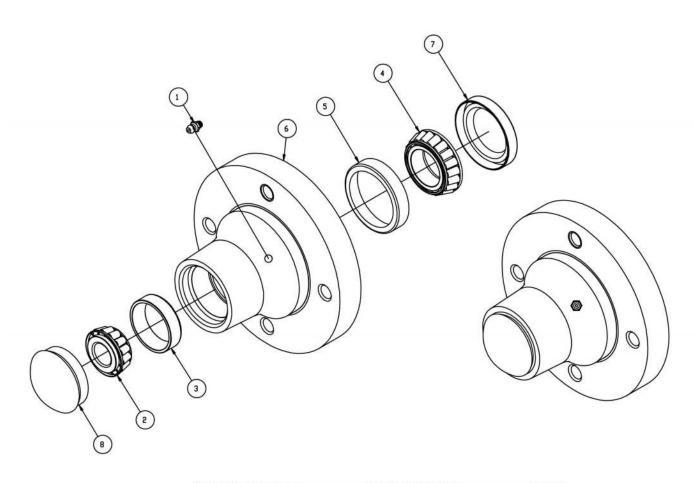




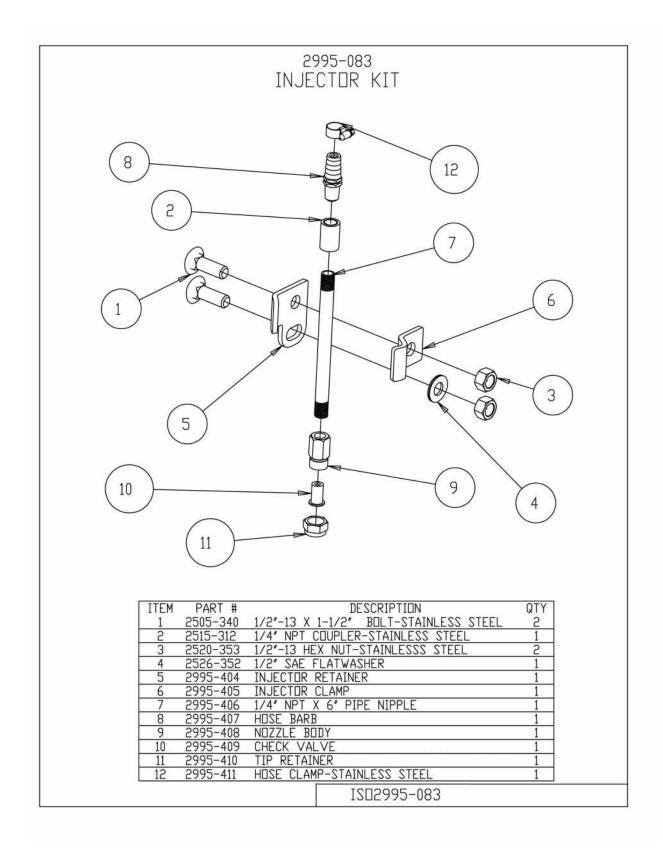
2995-149

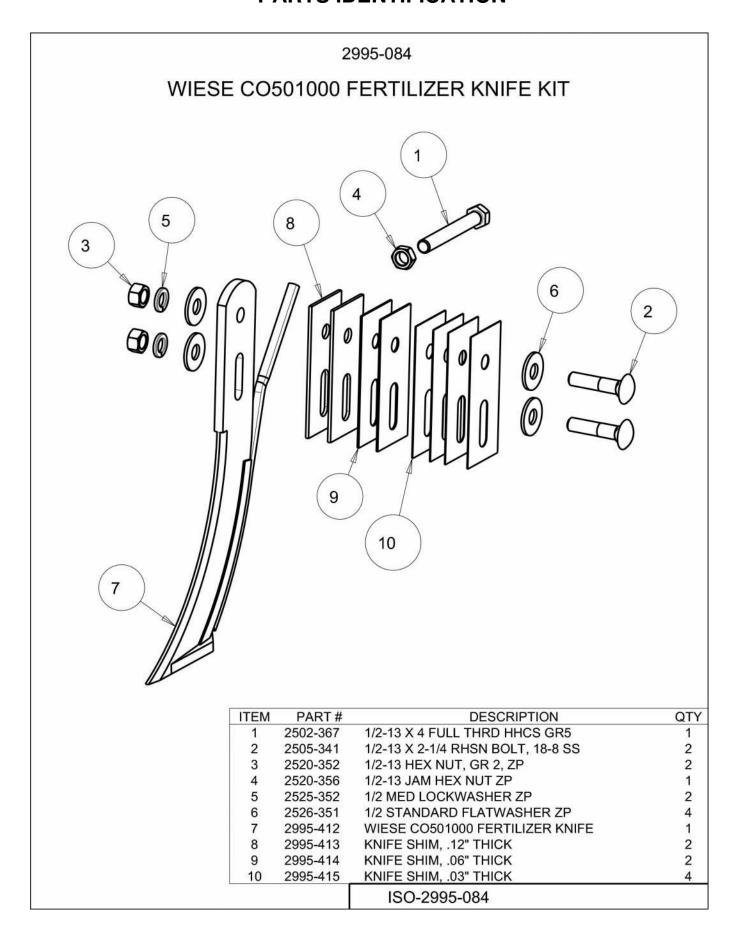


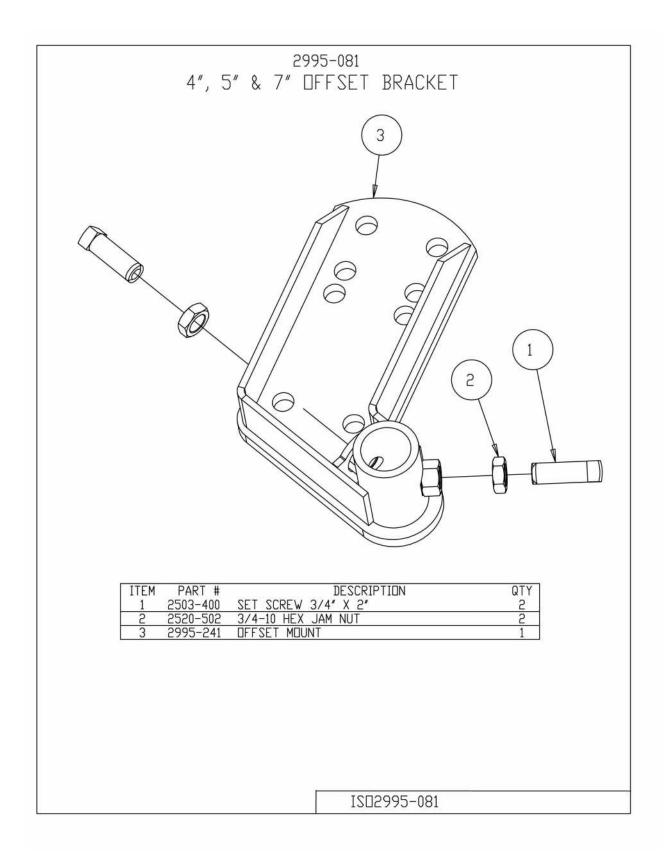
2995-138

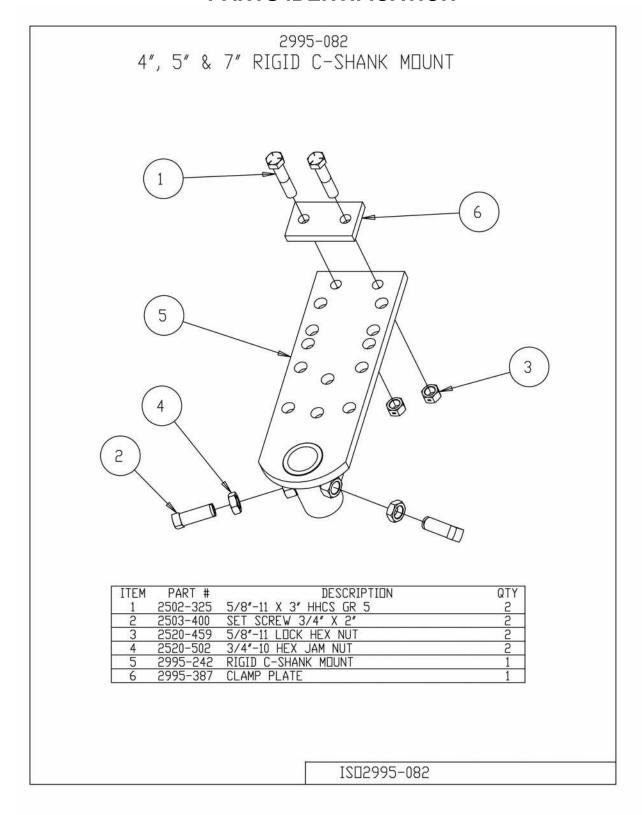


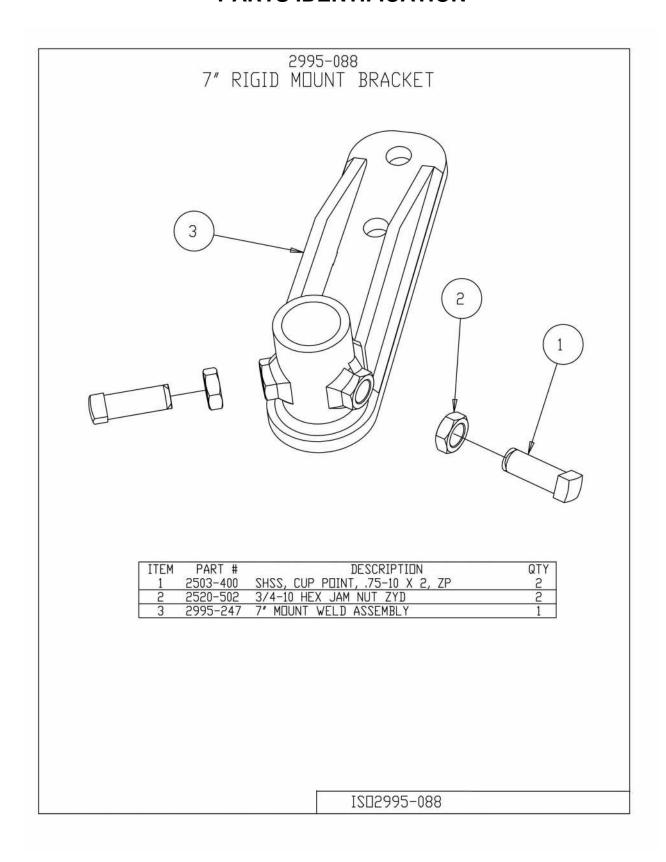
ITEMPART NO		DESCRIPTION	IQTY
1	2533-110	1/4-28 ZERK STRAIGHT SELF-TAP	1
2	2550-012	CONE W.G. (LM11949)	1
3	2550-013	CUP W.G. (LM11910)	1
4	2550-027	CDNE, LM67048	1
5	2550-029	CUP, LM67010	1
6	2995-400	633 HUB, MACHINED	1
7	2995-401	SEAL, CR #14975	1
8	2995-402	HUB CAP, 633 HUB	1

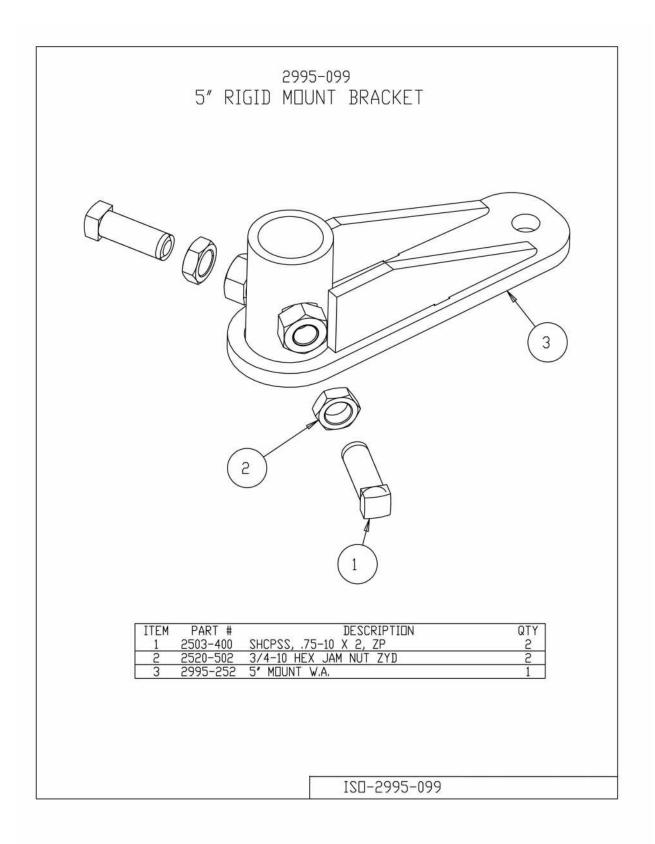












TROUBLESHOOTING

<u>Problem</u> Residue plugging knife	Cause Knife not correctly aligned behind blade	Solution 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	Adjust height of coulter by sliding shank up
	Too low toolbar	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.

Colchester, IL 62326-0358 309/776-4111 Toll Free 800/447-5777 Fax 309/776-3222

Website: www.yetterco.com
E-mail: info@yetterco.com

2565-788_REV_D 🗍

02/2019