



## 2950 SERIES WITH OFFSET SHANK

### DISC-CHISEL COULTER BRACKET KIT W/OFFSET SHANK

2565-185\_REV\_A • 05/2015

#### INSTALLATION AND OPERATING INSTRUCTIONS

The 2950 Offset Disc Chisel coultter is designed with two mounting arrangements in mind. The bracket assembly can be attached to the frame beside the existing shank brackets or can replace the existing shank brackets. Before beginning to assemble, choose the method needed and follow the instructions for that method.

##### **Installing New Brackets**

Before assembling the brackets, mark your bar for the spacing of the coultters. Select parts numbered 3010-301, 2525-451, 2520-452, and 2502-294 and mount them loose on the bar as shown. If installing a chisel or coil shank, slide it under the tool bar and bolt to bottom shank bracket with 5/8-11 x 3-1/4" bolt (2505-385) and 5/8" nuts and washers. Align the brackets on the marks on the toolbar and tighten. (Be sure brackets remain square with the bar to assure shank will be straight when installed.) Offset shank can now be installed. (See below)

##### **Installing Beside Existing Brackets**

If mounting brackets next to existing brackets select part numbers 3010-301, 2525-451, 2520-452, and 2502-395 and mount as shown. Slide the assembly as close as possible to the existing brackets and tighten 5/8" bolts and nuts. Offset shank can now be installed.

##### **Installing Offset Shank**

Install clamp weld assemblies (3011-201) into shank brackets using the 1/2" flat washers, lock washers, nuts, and 4" bolts. (Leave the clamp weld assemblies loose to allow shank to go through the assembly.) Raise the shank up through the bottom until shank is through both clamp weld assemblies. Set the shank at the proper depth and tighten the 1/2" nuts and bolts.

Before going to the field, all coultters should first be set to operate at the same depth. To adjust the depth of each coultter, the clamp w.a. holding the 1-1/2" shank must be loosened. The 1-1/2" shank can then be slipped up or down to give the desired depth and/or clearance. At this time turn the offset shank to position the coultter in front of the chisel or coil shank. (NOTE: The depth of the coultters should be set so the hub of each coultter is always above ground level when in use.)

*PERIODICALLY CHECK NUTS TO BE SURE THEY ARE TIGHT.*

##### **YETTER MANUFACTURING CO.**

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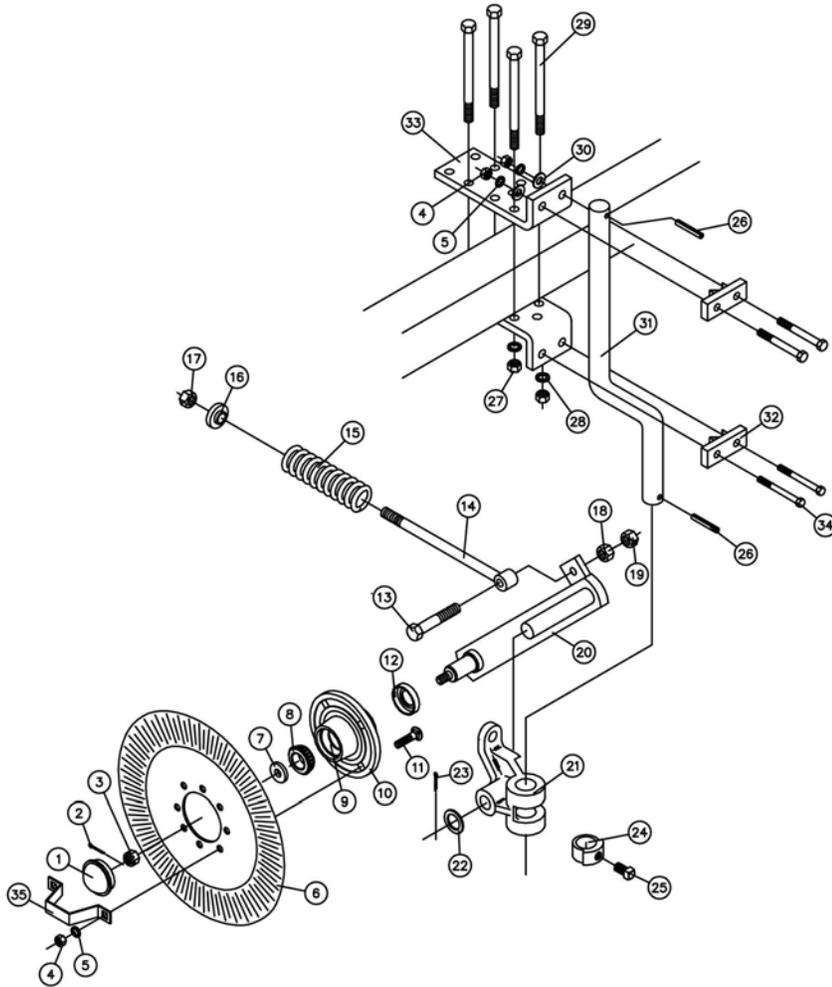
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# 2950 SERIES WITH OFFSET SHANK



2950-020/2951-020  
20" DISC CHISEL COULTER W/OFFSET SHANK

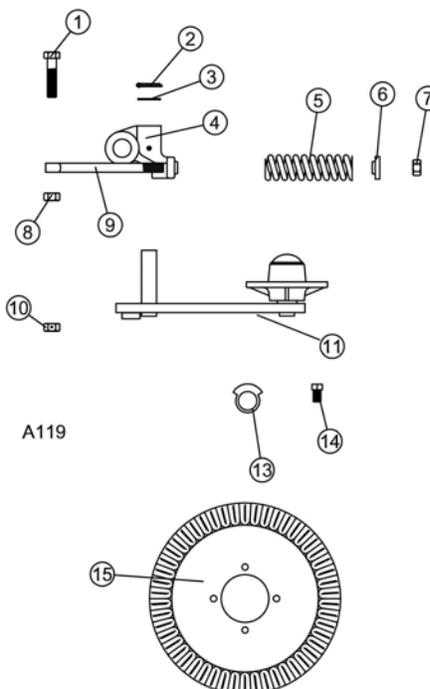
Key	Qty	Part No.	Description	Key	Qty	Part No.	Description
1	1	2570-375	HUB CAP	19	1	2520-511	3/4-16 LOCK HEX NUT ZP
2	1	2531-102	1/8 X 1 1/4 COTTER PIN BLACK	20	1	2910-201	COULTER ARM W.A.
3	1	2520-469	5/8-1/ SLOTTED HEX NUT, BLACK	21	1	2910-320	PIVOT CASTING ASS'Y
4	8	2520-352	1/2-13 HEX NUT ZP	22	1	2526-561	1 17/64ID X 1 7/8OD X 14GA MB BL
5	8	2525-352	1/2 MED LOCKWASHER ZP	23	1	2531-125	1/4 X 1 3/4 COTTER PIN ZP
6	1	2571-168	.157 X 20" MULTI HOLE FLUTED	24	1	2910-301	LOCKING COLLAR PLOW COULTER
7	1	2526-449	5/8 FLATWASHER, 1/4 ±.010 THK	25	1	2503-379	5/8-11 X 1 SQ HCPSS GR 5 ZP
8	2	2550-027	CONE, LM67048	26	2	2530-208	3/8 X 2 1/2 ROLL PIN ZP
9	2	2550-029	CUP (PRE-ASSEMB. W/ NO. 10)	27	4	2520-452	5/8-11 HEX NUT ZP
10	1	2900-102	HUB SUB-ASSEMBLY	28	4	2525-451	5/8" MED. LOCKWASHER ZP
11	4	2505-339	1/2-13 X 1 1/2 CAR BLT GR 5 ZP	29	4	2502-395	5/8-11 X 6-1/2" HHCS GR. 5 ZP
12	1	2550-066	TRIPLE LIP SEAL, NTI #1812-4	30	4	2502-348	5/8-11 X 11" HHCS GR. 5 ZP
13	1	2502-410	3/4-16 X 3" HHCS GR 5 ZP	31	4	2526-351	1/2" STD. FLATWASHER ZP
14	1	2570-125	PRESSURE ROD, 9 3/8" EYEBOLT	32	2	3011-302	OFFSET COULTER SHANK, 5-1/2"
15	1	2910-311	7/16 WIRE 2 1/8 OD X 1 1/4 ID X 7 1/4 C SPRING	33	2	3011-201	CLAMP W.A.
16	1	2910-302	2910 SPRING BUSHING	34	2	3010-301	SHANK BRACKET
17	1	2520-516	3/4-10NYLON INSERT LCKNT, GR 2, ZP	35	2	3010-306	SHANK BRACKET, 5X7 OR 7X7 BAR
18	1	2520-508	3/4-16 HEX NUT ZP			2502-364	1/2-13 X 4" HHCS GR. 5 ZP
						2987-301	HUB CAP RETAINER

REVISED 04/29/15



## 2910 SERIES SPRING CUSHIONED PLOW COULTER PARTS & INSTALLATION

KEY.	QTY.	PART NO.	DESCRIPTION
1	1	2502-410	3/4-16 X 3" HHCS GR5 ZP
2	1	2531-125	1/4 X 1 3/4" COTTER KEY
3	1	2526-561	1-17/64"ID X 7/8" X 14GA MACHINERY BUSHING
4	1	2910-320	PIVOT CASTING
5	1	2910-311	SPRING
6	1	2910-302	SPRING BUSHING
7	1	2520-516	3/4-10 LOCK HEX NUT ZP
8	1	2520-508	3/4-16 HEX NUT ZP
9	1	2570-125	EYEBOLT, 3/4" EYE
10	1	2520-511	3/4-16 LOCK HEX NUT ZP
11	1	2910-201	COULTER ARM W.A.
12	1	2910-127	SPRING CUSHIONED BRKT. AND HUB ASSEMBLY (INCLUDES 1-11)
13	1	2910-301	LOCKING COLLAR
14	1	2503-379	5/8"-11 X 1 SQ. HCPSS GR. 2
15	OPT.	2571-076	20" RIPPLE BLADE
	OPT.	2571-077	17" RIPPLE BLADE



UPDATED 02/20/15

### INSTALLATION AND OPERATING INSTRUCTIONS



**Caution:** COULTER BLADE HAS SHARP EDGE.  
USE CARE WHEN WORKING WITH OR CLOSE TO BLADES

Place the coulters and locking collar (2910-301) over the shank then insert pin through the retainer hole. After aligning coulters for proper position, tighten setscrew in locking collar. When tightening setscrew, align locking collar in center of slot in hinge casting for maximum swivel.

The coulters are equipped with tapered bearings; and are pre-lubricated during assembly. Grease the zerk on the hinge casting (2910-320) prior to using the coulters then grease the hinge casting and hub assembly every 50 hours. Before going to the field, check the springs to be sure they have been given a preload tension. If the spring can be rotated on the push rod by hand, it is too loose and must be tightened. Failure to do so may result in lost parts or excessive wear. Approximately one inch of threads on the end of the push rod should be exposed when the spring is properly preloaded.

*PERIODICALLY CHECK ALL NUTS TO BE SURE THEY ARE TIGHT.*

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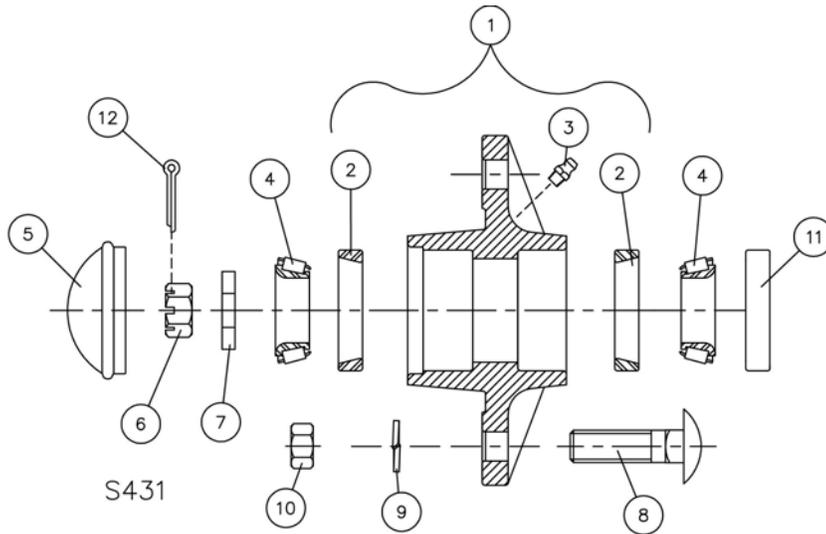
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# Yetter

## FARM EQUIPMENT

### HUB ASSEMBLY



DET	QTY	PART NO.	DESCRIPTION
1	1	2900-105	HUB PRESSED ASSEMBLY
2	2	2550-029	LM67010 CUP (PRE-ASSEMBLED W/NO. 1)
3	1	2533-110	1/4-28 ZERK STRAIGHT SELF-TAP (PRE-ASSEMBLED W/NO. 1)
4	2	2550-027	LM67048 CONE
5	1	2570-375	HUB CAP
6	1	2520-469	5/8-18 SLOTTED HEX NUT, BLACK
7	1	2526-449	5/8" FLATWASHER, 1/4" THK.
8	4	2505-337	1/2-13 X 1-1/4 CAR BLT GR 5
9	4	2525-352	1/2" MED LOCKWASHER ZYD.
10	4	2520-352	1/2-13 HEX NUT ZYD
11	1	2550-066	TRIPLE LIP SEAL, NTI #1812-4
12	1	2531-102	1/8 X 1/4 COTTER PIN, BLACK
		2900-123	HUB ASSEMBLY (INCLUDES #'S 1 THRU 11)

UPDATED 02/20/15

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