

HINIKER ROW CULTIVATOR SERIES 6000 INDEX

SERIAL NUMBER ENDING 100 OR HIGHER

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SECTION 2	FOLDING SERIES ROW CULTIVATOR
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PARTS

It is the policy of Hiniker Company to constantly improve its products whenever it is practical to do so.

Hiniker Company must therefore reserve the right to redesign or change its equipment or component parts thereof without incurring the obligation to install or furnish such changes on the equipment previously delivered.

INSTRUCTIONS FOR ORDERING PARTS

1. The item numbers in the illustrations correspond to the same item numbers in the description list. An assembly having a part number can be ordered. All other parts must be ordered individually. The quantity in the "number required" column is the number of parts used in this area of the machine. The term "A/R" for number required indicates "as required" where the quantity may vary. Order all parts by their number and name. Do not use the item number.
2. All references to left and right, front and rear apply to the machine as viewed from the rear of the machine, facing forward in the direction of travel.
3. Always mention the identification number of the model and serial numbers found on the name plate of the unit on which the part is to be used. Much delay and confusion can be avoided when correct numbers are specified on parts order and correspondence.
4. Owners, order all parts through your local dealer.
5. Dealers must indicate how to ship.
6. Collect phone calls are not accepted.
7. Address parts orders as follows:

HINIKER COMPANY
58766 240th St.
P.O. BOX 3407
MANKATO, MN 56002-3407 USA
Phone (800) 433-5620
Fax (800) 637-3991

INSTRUCTIONS FOR RETURNING PARTS FOR ADJUSTMENT

1. To assure prompt handling of claims, your dealer or distributor should follow standard claim procedure and forward claims within thirty (30) days of any part failure or malfunction believed to be a warranty claim, to Hiniker Company claims department for processing.
2. No returned part will be accepted unless they are transportation prepaid and accompanied by the packing list copy of the returned goods authorization form, or the packing list copy of the warranty claim form.
3. Parts returned should have a tag attached with sender's name and address clearly printed.

SECTION 1

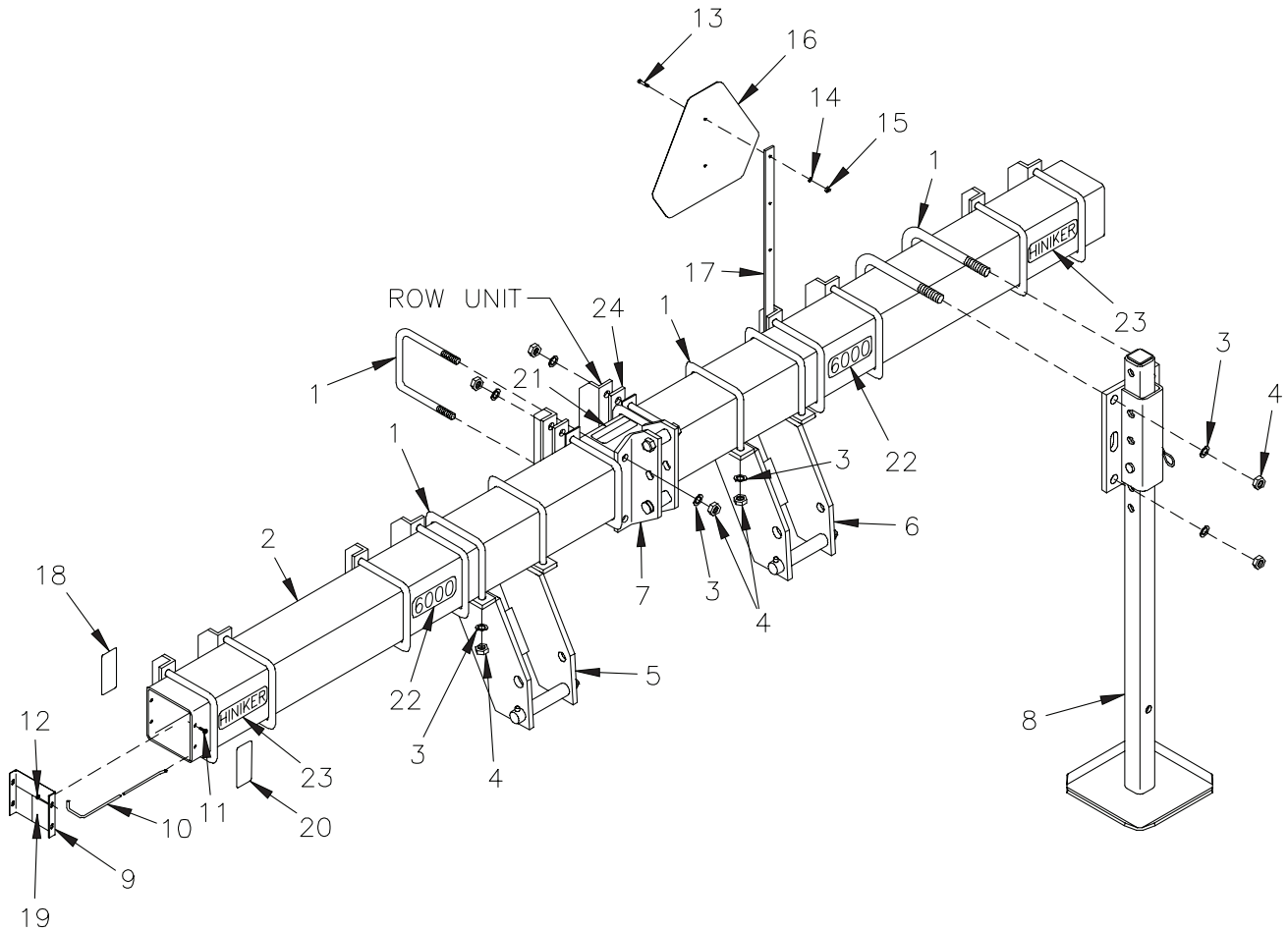
RIGID SERIES

ROW CULTIVATOR

PAGE 2	RIGID TOOLBAR SERIES 6000	4 ROW 30, 36/38 INCH
		6 ROW 30
		6 ROW 36/38 INCH RIGID
		6 ROW 40 INCH
		8 ROW 30 INCH RIGID
		8 ROW 36/38 INCH RIGID
		8 ROW 36/40 INCH RIGID
		(3/8" WALL TOOLBAR)
		10 ROW 30 INCH RIGID
		(3/8" WALL TOOLBAR)

SERIES 6000 ROW CULTIVATOR

RIGID TOOLBAR
4 ROW 36138, 6 ROW 30, 6 ROW 36/38/40
8 ROW 30, 8 ROW 36/38/40



DWG. NO. 3011

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	875-001-038	U-Bolt 3/4	10	10	810-001-475	Block Removing Rod	1
2	810-002-234	Toolbar (170") (4/36-38)	1	11	950-002-006	Whiz Lock Bolt 5/16 x 3/4	8
	810-002-235	Toolbar (198") (6/30)	1	12	951-002-002	Whiz Lock Nut 5/16-18	8
	810-002-236	Toolbar (246") (6/36-38)	1	13	950-001-003	Hex Bolt 1/4-20 x 1	2
	810-002-237	Toolbar (258") (8/30) 6/40)	1	14	952-001-001	Lock Washer 1/4 Inch	2
	810-002-238	Toolbar (322") (8/36-38)	1	15	951-001-003	Hex Nut 1/4-20	2
	81004338	Toolbar (338") 3/8 Wall (8/36-38-40) (10-30)	1	16	850-001-354	SMV Sign	1
3	952-001-006	Lock Washer 3/4 Inch	20	17	815-001-004	SMV Mount Strap	1
4	951-001-009	Hex Nut 3/4-10	20	18	850-001-305	Tape Reflector (Red)	2
5	810-002-080	RH Lower Hitch Assy (Includes Items 1, 3 & 4) (See Sect. 4 Pg. 7)		19	810-001-473	Notice Decal	1
6	810-002-079	LH Lower Hitch Assy (Includes Items 1, 3 & 4) (See Sect. 4 Pg. 7)		20	850-001-285	Tape Reflector (Yellow)	2
7	810-002-085	Upper Hitch Assy (Includes Items 1, 3 & 4) (See Sect. 4 Pg. 7)		21	850-002-426	Caution Decal	1
8	810-001-920	Parking Stand Assy (Includes Items 1, 3 & 4) (See Sect. 4 Pg. 6)	2	22	81004129	6000 Decal	2
9	810-001-284	End Plate	2	23	81004136	Hiniker Decal	2
				24	81004186	Spacer Strap	2
				25	81004181	Decal Bag (Includes Items 18, 19, 20, 21, 22 & 23)	

SECTION 2

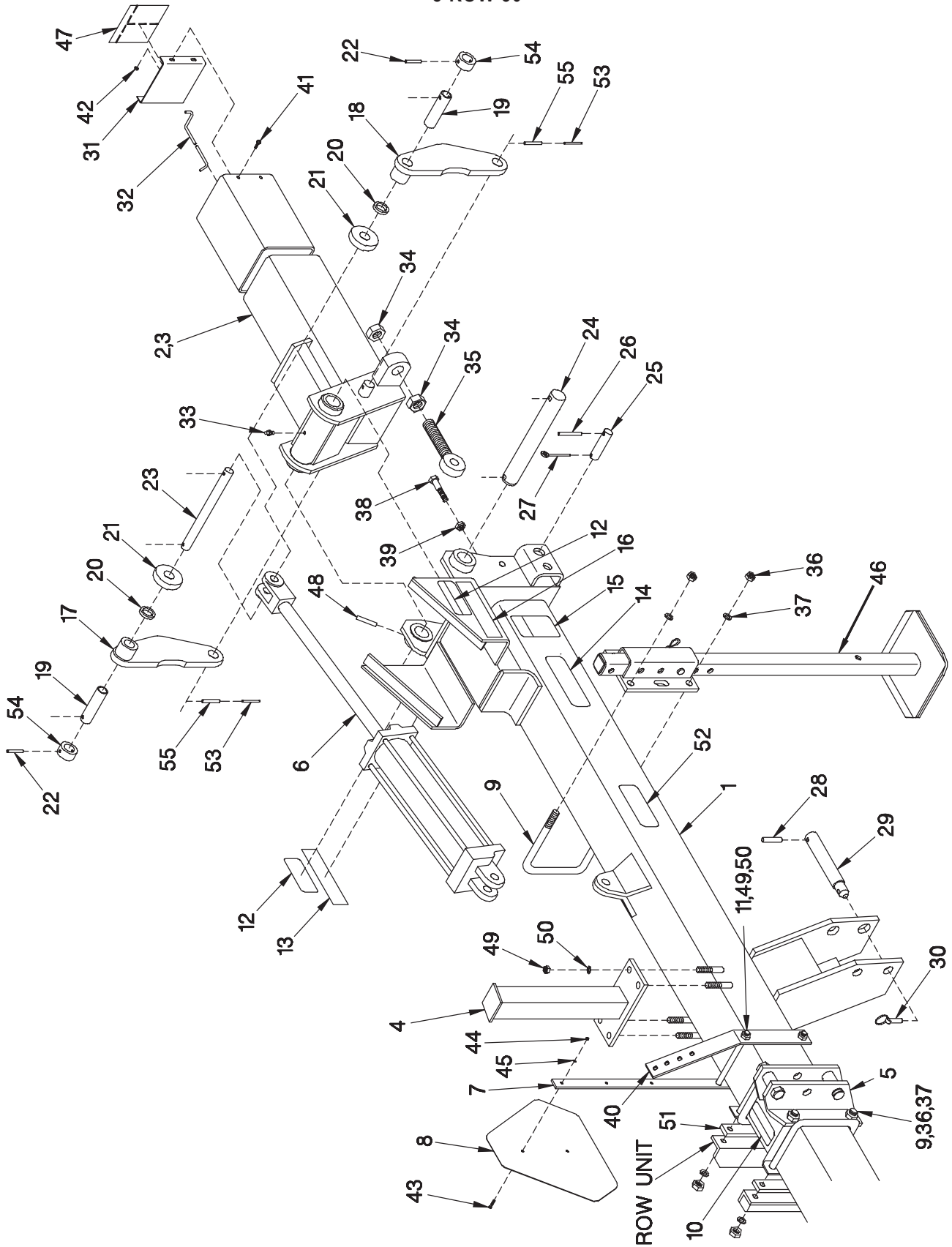
FOLDING SERIES

ROW CULTIVATOR

- PAGE 2-3** **FOLDING TOOLBAR**
SERIAL NO. ENDING 100
8 ROW 30
- PAGE 4-5** **FOLDING TOOLBAR**
SERIAL NO. ENDING 101 OR HIGHER
8 ROW 30
- PAGE 6-7** **FOLDING TOOLBAR**
SERIAL NO. ENDING 100
8 ROW 36-38 12 ROW 30
- PAGE 8-9** **FOLDING TOOLBAR**
SERIAL NO. ENDING 101 OR HIGHER
8 ROW 36-38-40
10 ROW 30 12 ROW 30
- PAGE 10-11** **FOLDING TOOLBAR**
SERIAL NO. ENDING 100 OR HIGHER
12 ROW 36-38
12 ROW 40 16 ROW 30 18 ROW 28

SERIES 6000 ROW CULTIVATOR

FOLDING TOOLBAR ASSEMBLY SERIAL NO. ENDING 100 8 ROW 30



2 CMS

DWG. NO. 2892

SERIES 6000 ROW CULTIVATOR

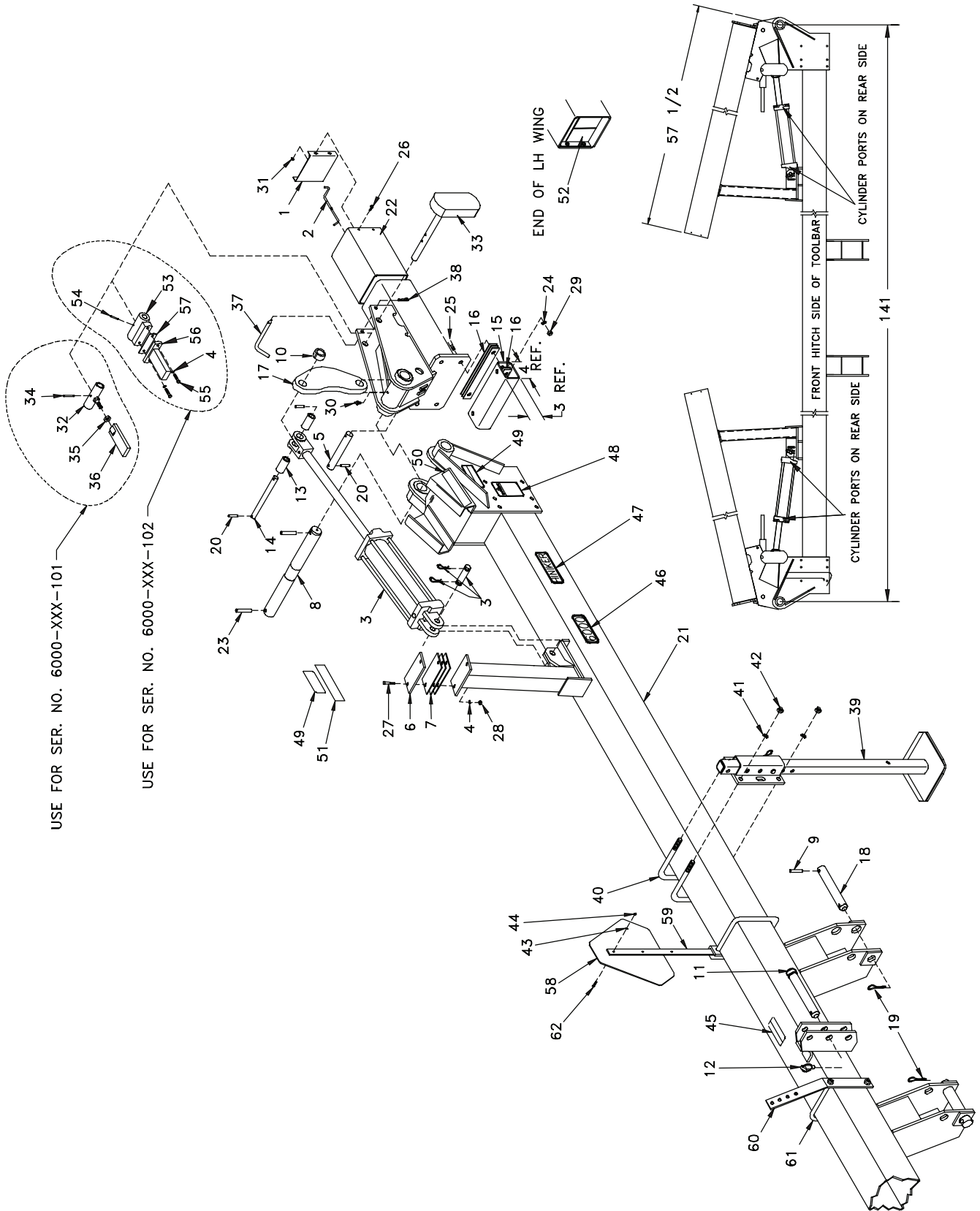
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-002-337	Center Frame Weldment	1	30	230-026-005	Klik Pin	2
2	810-002-351	LH Wing Weldment	1	31	810-002-284	End Cover	2
3	810-002-352	RH Wing Weldment	1	32	810-001-511	Block Removing Road Short (8 Row 30 Fold)	1
4	810-002-164	Stand Weldment	2	33	955-001-001	Grease Fitting	2
5	810-002-085	Upper Hitch Assembly (Includes Items 9, 36 & 37) (See Sec. 4 Pg. 7)	1	34	951-001-022	Hex Nut 1-1/4	4
6	81002580	3 1/2 x 16 Dia. Cylinder SAE (See Sec. 3 Pg. 3)	2	35	850-002-503	Eye Bolt 1-1/4	2
7	815-001-004	SMV Mount Strap	1	36	951-001-009	Hex Nut 3/4-10	12
8	850-001-354	SMV Sign	1	37	952-001-006	Lock Washer 3/4 Inch	12
9	875-001-038	3/4 U-Bolt	6	38	950-001-031	Hex Head Cap Screw 3/4-10 x 3 Gr. 5	4
10	850-002-426	Caution Decal	1	39	951-005-052	Jam Nut 3/4-10	4
11	950-001-181	Hex Head Cap Screw 5/8-11 x 8 1/2 Gr. 5	2	40	805-001-784	30° Bulkhead Plate	1
12	850-001-980	Warning Decal	4	41	950-002-006	Whiz Lock Bolt 5/16 x 3/4	1
13	850-001-305	Tape Reflector (Red)	2	42	951-002-002	Whiz Lock Nut 5/16	8
14	81004136	Hiniker Decal	2	43	950-001-003	Hex Head Cap Screw 1/4-20 x 1	2
15	850-001-306	Warning Decal	2	44	951-001-003	Hex Nut 1/4-20	2
16	850-001-285	Tape Reflector (Yellow)	2	45	952-001-001	Lock Washer 1/4 Inch	2
17	810-002-157	LH Link Weldment	2	46	810-001-920	Parking Stand Assembly (Includes Items 9, 36 & 37) (See Sec. 4 Pg. 6)	2
18	810-002-156	RH Link Weldment	2	47	810-001-473	Notice Decal	1
19	81002674	Tube	4	48	953-003-028	Spring Pin 1/2 x 2 3/4	2
20	845-001-150	Spacer	4	49	951-001-008	Hex Nut 5/8-11	10
21	810-001-255	Roller	4	50	952-001-005	Lock Washer 5/8	10
22	953-003-017	Spring Pin 5/16 x 2	4		81004182	Decal Bag (Includes Items 10, 12, 13, 14, 15, 16, 47 & 52)	
23	81002675	Link Pin	2				
24	810-002-155	Hinge Pin	2	51	81004186	Spacer Straps	2
25	850-001-200	Hinge Pin	2	52	81004129	6000 Decal	2
26	953-003-023	Spring Pin 5/16 x 3	2	53	701-30004	Spring Pin 3/16 x 2 1/4	2
27	953-005-002	Hair Pin Cotter .178 x 3 9/16	2	54	81003138	Roller	4
28	953-003-002	Spring Pin 1/2 x 2 1/2	2	55	953-003-008	Spring Pin 5/16 x 2 1/4	4
29	810-002-485	Lower Hitch Pin	2				

SECTION 2

SERIES 6000 ROW CULTIVATOR

FOLDING TOOLBAR ASSEMBLY SERIAL NO. ENDING 101 OR HIGHER 8 ROW 30

2
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DWG. NO. 3006

SERIES 6000 ROW CULTIVATOR

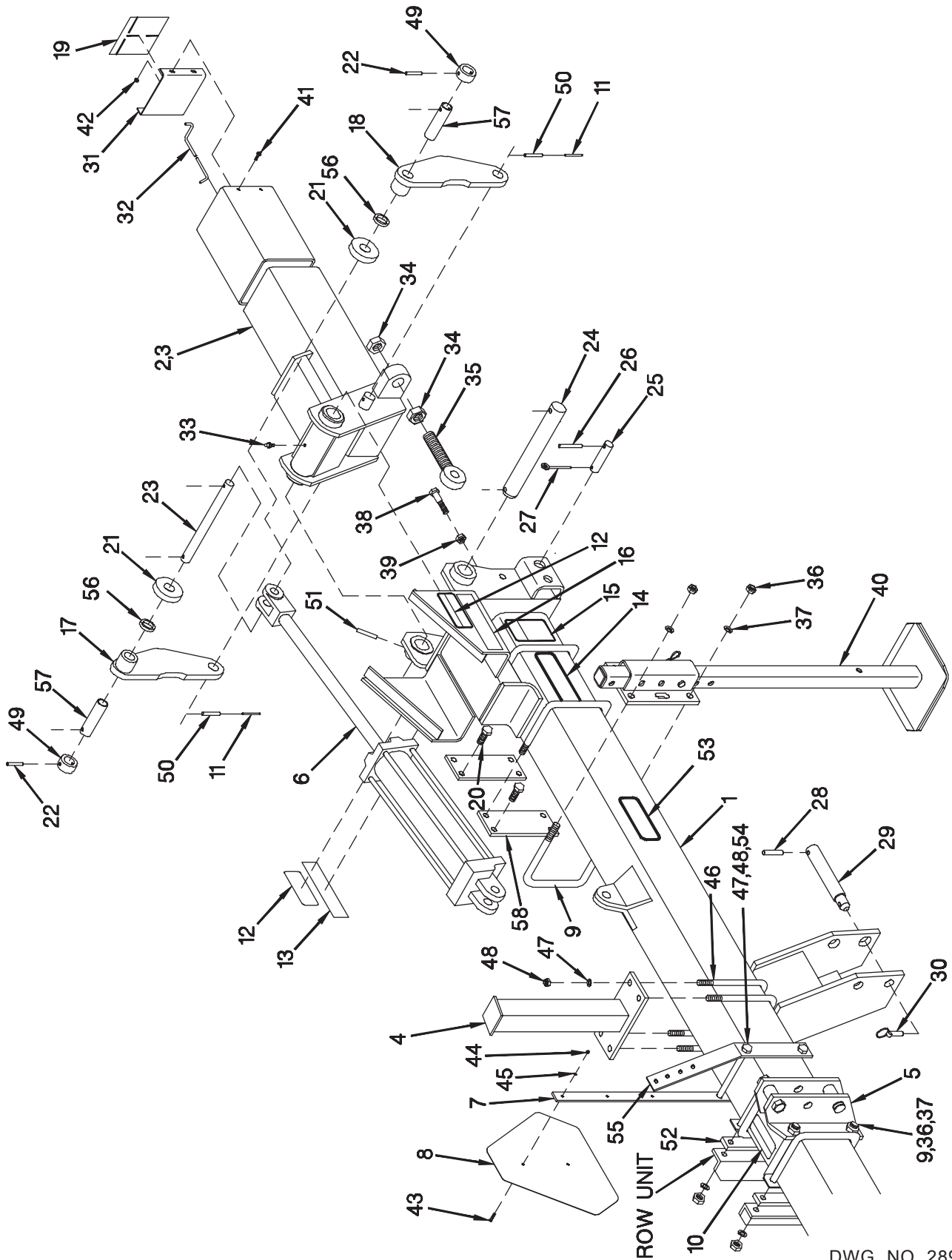
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-001-284	End Plate	2	34	953-003-006	Spring Pin 1/4 x 1 1/2	2
2	810-001-475	Block Removing Rod	1	35	951-002-052	Jam Nut 3/4-10	2
3	81002580	Cylinder Assembly 3 1/2 x 16 (See Sec. 3 Pg. 3)	2	36	81004284	Latch Weldment	2
4	952-001-007	Lock Washer 3/8 Inch	8	37	81003042	Pin	2
5	81004234	Pin	2	38	953-005-001	Hair Pin Cotter .120 x 2 3/8	2
6	81004235	Rubber Cushion	2	39	810-001-920	Parking Stand Assembly (Includes Items 40, 41, 42) (See Sec. 4 Pg. 6)	2
7	81004236	Stand Shim	6				
8	81004406	Hinge Pin	2	40	875-001-038	U-Bolt Plated	4
9	953-003-002	Spring Pin 1/2 x 2 1/2	2	41	952-001-006	Lock Washer 3/4 Inch	8
10	81004351	Bushing	2	42	951-001-009	Hex Nut 3/4-10	8
11	81004482	Top Link Pin	1	43	952-001-001	Lock Washer 1/4 Inch Med Split SAE	2
12	81004481	Linch Pin	1	44	951-001-003	Hex Nut 1/4-20	2
13	81004436	Roller	4	45	850-002-426	Decal Caution	1
14	81004437	Pin	2	46	81004129	Decal 6000 Series	2
15	81004296	Stop	2	47	81004136	Decal Hiniker	2
16	81004297	Shim	10	48	850-001-306	Decal Lift Cylinder	2
17	81004298	Lift Link	2	49	850-001-980	Decal Warning	4
18	81004300	Lower Hitch Pin	2	50	850-001-285	Tape-Yellow Reflector	2
19	81004301	Clinch Pin	2	51	850-001-305	Tape-Red Reflector	2
20	953-003-009	Spring Pin 3/8 x 1 3/4	8	52	810-001-473	Decal Notice	1
21	81004400	Center Toolbar Weldment 8/30	1		81004309	Decal Bag (Includes Items 45, 46, 47, 48, 49, 50, 51 & 52)	1
22	81004394	Wing Toolbar Weldment 8/30	2				
23	953-003-030	Spring Pin 1/2 x 3	4	53	81004700	Tube Weldment	2
24	952-001-005	Lock Washer 5/8 Inch	6	54	701-30022	Spring Pin 3/16 x 2	2
25	950-001-185	Hex Head Cap Screw 5/8-11 x 2 1/4 Gr. 5	4	55	950-001-108	Hex Bolt 3/8-16 x 1 1/2	4
26	950-002-006	Hex Head Flanged Whiz Lock Bolt 5/16-18 x 3/4	8	56	81004697	Lock Bar Weldment	2
27	950-003-009	Carriage Bolt 3/8-16 x 1 3/4 Gr. 2	4	57	81004695	Shim	A/R
28	951-001-005	Hex Nut 3/8-16	4	58	850-001-354	SMV Sign	1
29	951-001-008	Hex Nut 5/8-11	6	59	815-001-004	SMV Strap	1
30	955-001-001	Grease Fitting 1/8-27 NPT	2	60	805-001-784	30° Bulkhead Plate	1
31	951-002-002	Flat Whiz Lock Nut 5/16-18	8	61	805-001-332	U-Bolt 5/8	1
32	81004251	Pivot Weldment	2	62	950-001-003	Hex Head Cap Screw 1/4-20 x 1 Gr. 2	2
33	81004287	Weight Weldment	2				

SECTION 2

SERIES 6000 ROW CULTIVATOR

FOLDING TOOLBAR ASSEMBLY SERIAL NO. ENDING 100 8 ROW/36-38, 12 ROW/30

2 CMS



ROW UNIT

DWG. NO. 2890

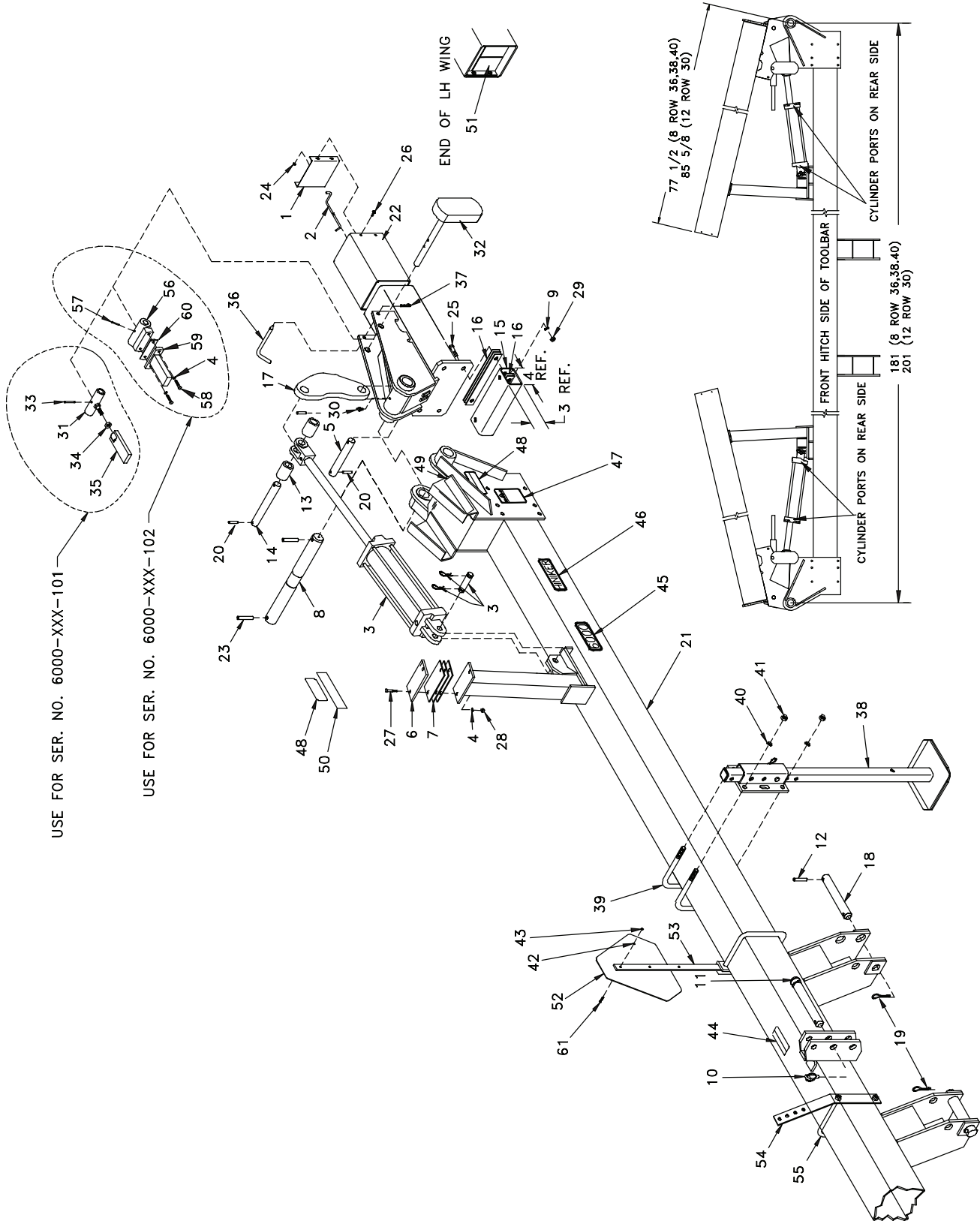
SERIES 6000 ROW CULTIVATOR

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-002-132	Center Frame Weldment (12/30)	1	29	810-002-485	Lower Hitch Pin	2
	810-002-338	Center Frame Weldment (8/36-38)	1	30	230-026-005	Klik Pin	2
2	810-002-133	LH Wing Weldment (12/30)	1	31	810-001-284	End Cover	2
	810-002-349	LH Wing Weldment (8/36-38)	1	32	810-001-475	Block Removing Rod	1
3	810-002-134	RH Wing Weldment (12/30)	1	33	955-001-001	Grease Fitting	2
	810-002-350	RH Wing Weldment (8/36-38)	1	34	951-001-022	Hex Nut 1 1/4	4
4	810-002-164	Stand Weldment 12/30	2	35	850-002-503	Eye Bolt 1 1/4	2
	81004129	Stand Weldment 8/36-38	2	36	951-001-009	Hex Nut 3/4-10	12
5	810-002-085	Upper Hitch Assembly (Includes Items 9, 37 & 37) (See Sec. 4 Pg. 7)	1	37	952-001-006	Lock Washer 3/4 Inch	12
				38	950-001-031	Hex Bolt 3/4-10 x 3	4
6	81004342	4 x16 Diameter Cylinder SAE (See Sec. 3 Pg. 4)	2	39	951-005-052	Jam Nut 3/4-10	4
7	815-001-004	SMV Mount Strap	1	40	810-001-920	Parking Stand Assembly (Includes Items 9, 36 & 37) (See Sec. 4 Pg. 6)	2
8	850-001-354	SMV Sign	1				
9	875-001-038	3/4 U-Bolt	6	41	950-002-006	Hex Head Flanged Whiz Lock Bolt 5/16 x 3/4	B
10	850-002-426	Caution Decal	1	42	951-002-002	Whiz Lock Nut 5/16	8
11	701-30004	Spring Pin 3/16 x 2 1/4	4	43	950-001-003	Hex Head Cap Screw 1/4-20 x 1	2
12	850-001-980	Warning Decal	4	44	951-001-003	Hex Nut 1/4	2
13	850-001-305	Tape Reflector (Red)	2	45	952-001-001	Lock Washer 1/4 Inch	2
14	81004136	Hiniker Decal	2	46	805-001-332	U-Bolt 5/8	4
15	850-001-306	Warning Decal	2	47	952-001-005	Lock Washer 5/8 Inch	8
16	850-001-285	Tape Reflector (Yellow)	2	48	951-001-008	Hex Nut 5/8	8
17	810-002-157	LH Link Weldment	2	49	81003138	Roller	4
18	810-002-156	RH Link Weldment	2	50	953-003-008	Spring Pin 5/16 x 2 1/4	4
19	810-001-473	Notice Decal	1	51	953-003-028	Spring Pin 1/2 x 2 3/4	2
20	950-001-087	Hex Head Cap Screw 5/8 x 1 1/2 (8 Row 36 Only)	8	52	81004186	Spacer Straps	2
21	810-001-255	Roller	4	53	81004129	6000 Decal	2
22	953-003-017	Spring Pin 5/16 x 2	4		81004182	Decal Bag (Includes Items 10, 12, 13, 14, 15, 16, 19 & 53)	1
23	81002603	Link Pin	2				
24	810-002-155	Hinge Pin	2	54	950-001-181	Hex Head Cap Screw 5/8-11 x 8 1/2 Gr. 5	2
25	850-001-200	Hinge Pin	2	55	805-001-784	30° Bulkhead Plate	1
26	953-003-023	Spring Pin 5/16 x 3	2	56	845-001-150	Spacer	4
27	953-005-002	Hair Pin Cotter .178 x 3 9/16	2	57	81002674	Tube	4
28	953-003-002	Spring Pin 1/2 x 2 1/2	2	58	810-002-371	Spacer Plate (8 Row 36 Only)	4

SERIES 6000 ROW CULTIVATOR

FOLDING TOOLBAR ASSEMBLY SERIAL NO. ENDING 101 OR HIGHER 8 ROW 36-38-40, 10 ROW 30, 12 ROW 30

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DWG. NO. 3010

SERIES 6000 ROW CULTIVATOR

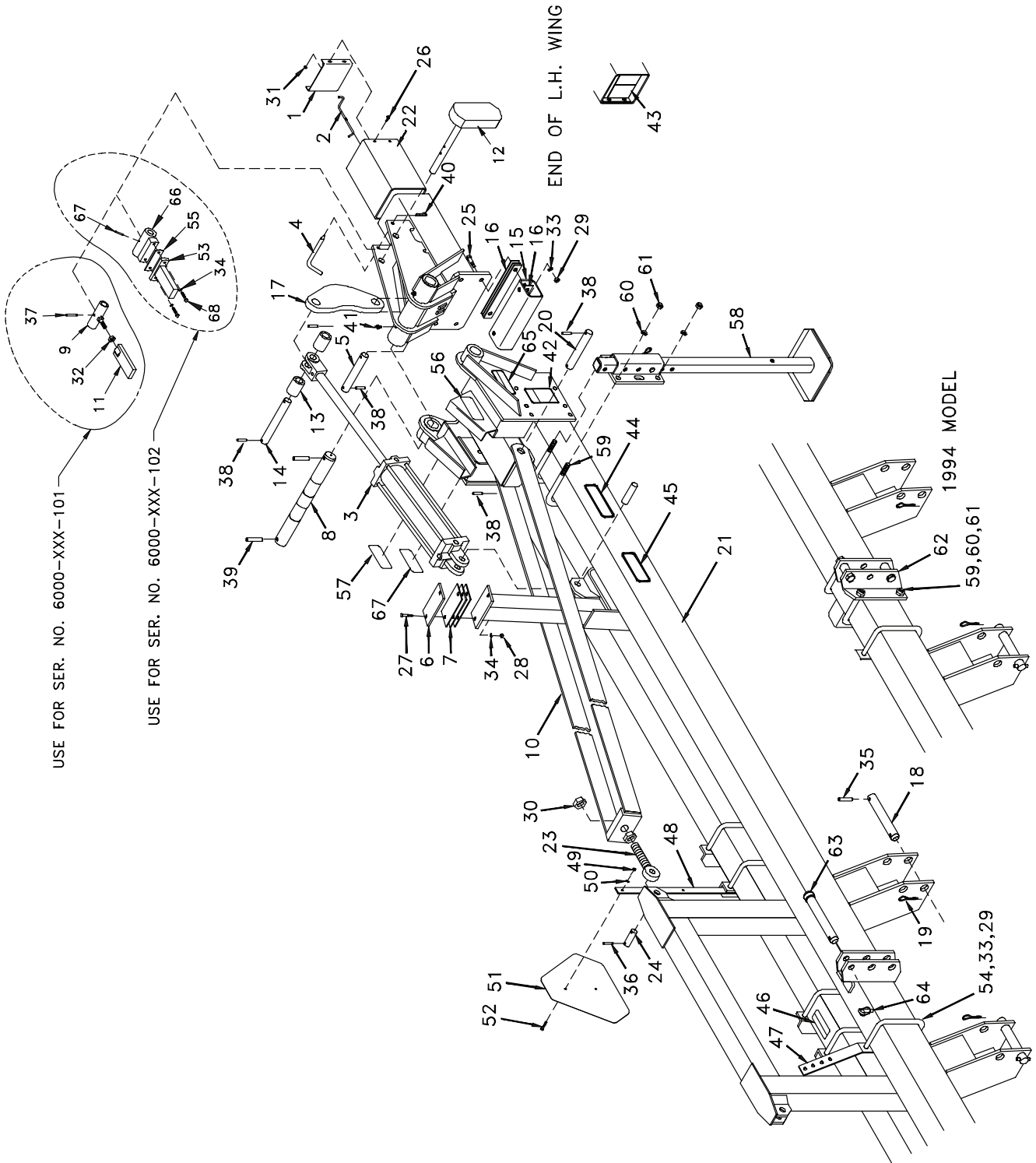
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-001-284	End Plate	2	32	81004702	Weight Weldment	2
2	810-001-475	Block Removing Rod	1	33	953-003-006	Spring Pin 1/4 x 1-1/2	2
3	81004342	Cylinder Assembly 4 x 16 (Sec 3 Page 5)	2	34	951-005-052	Jam Nut 3/4-10	2
4	952-001-007	Lock Washer 3/8 Inch Medium Split SAE	8	35	81004284	Latch Weldment	2
5	81004234	Pin	2	36	81003042	Pin	2
6	81004235	Rubber Cushion	2	37	953-005-001	Hair Pin Cotter .120 x 3 3/8	2
7	81004236	Stand Shim	6	38	810-001-920	Parking Stand Assembly (Includes Items 39, 40, 41)	2
8	61004406	Hinge Pin	2	39	875-001-038	U-Bolt Plated	2
9	952-001-005	Lock Washer 5/8 Inch Medium Split SAE	6	40	952-001-006	Lock Washer 3/4 Inch Medium Split SAE	2
10	81004481	Linch Pin	1	41	951-001-009	Hex Nut 3/4-10	2
11	81004482	Top Link Pin	1	42	952-001-005	Lock Washer 1/4 Medium Split SAE	2
12	953-003-002	Spring Pin 1/2 x 2-1/2	2	43	951-001-003	Hex Nut 1/4-20	2
13	81004289	Roller	4	44	850-002-426	Decal Caution	1
14	81004290	Pin	2	45	81004129	Decal 6000 Series	2
15	81004296	Stop	2	46	81004136	Decal Hiniker	2
16	81004297	Shim	10	47	850-001-306	Decal Lift Cylinder	2
17	81004298	Lift Link	2	48	850-001-980	Decal Warning	4
18	81004300	Lower Hitch Pin	2	49	850-001-285	Tape-Yellow Reflector	2
19	81004301	Clinch Pin	2	50	850-001-305	Tape-Red Reflector	2
20	953-003-009	Spring Pin 3/8 x 1-3/4	8	51	810-001-473	Decal-Notice	1
21	81004401	Center Toolbar Weldment 8/36-38-40	1		81004309	Decal Bag (Includes Items 44, 45, 46, 47, 48, 49, 50 & 51)	1
	81004402	Center Toolbar Weldment 12/30	1				
22	81004393	Wing Toolbar Weldment 8/36-38-40	2	52	850-001-354	SMV Sign	1
	81004392	Wing Toolbar Weldment 12/30	2	53	815-001-004	SMV Strap	1
23	953-003-030	Spring Pin 1/2 x 3	4	54	805-001-784	30° Bulkhead Plate	1
24	951-002-002	Flanged Whiz Lock Nut 5/16-18	8	55	805-001-332	U-Bolt 5/8	1
25	950-001-185	Hex Head Cap Screw 5/18-11 x 2 1/4 Gr. 5	4	56	81004700	Tube Weldment	2
26	950-002-006	Hex Head Flanged Whiz Lock Bolt 5/16-18	8	57	701-30022	Spring Pin 3/16 x 2	2
27	950-003-009	Carriage Bolt 3/8-16 x 1-3/4 Gr. 2	4	58	950-001-108	Hex Head Cap Screw 3/8-16 x 1 1/2	4
28	951-001-005	Hex Nut 3/8-16	4	59	81004697	Lockbar Weldment	2
29	951-001-008	Hex Nut 5/8-11	6	60	81004695	Shim	A/R
30	955-001-001	Grease Fitting 1/8-27 NPT	2	61	950-001-003	Hex Head Cap Screw 1/4-20 x 1 Gr. 2	2
31	81004251	Pivot Weldment	2				

SEC 2

SERIES 6000 ROW CULTIVATOR

FOLDING TOOLBAR ASSEMBLY SERIAL NO. ENDING 100 OR HIGHER 12 ROW 36/38 & 16 ROW 30, 18 ROW 28

2
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USE FOR SER. NO. 6000-XXX-101

USE FOR SER. NO. 6000-XXX-102

END OF L.H. WING

1994 MODEL

DWG. NO. 3020

SERIES 6000 ROW CULTIVATOR

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-001-284	End Plate	2	34	952-001-007	Lock Washer 3/8 Inch	8
2	810-001-475	Block Removing Rod	1	35	953-003-002	Spring Pin 1/2 x 2 1/2	2
3	81002581	Cylinder Assembly 5 x 16 (Sec 3 Page 6)	2	36	953-003-003	Spring Pin 1/4 x 1 3/4	4
	81004872	Cylinder Assembly 5 x 16 (Sec 3 Page 6)	2	37	953-003-006	Spring Pin 1/4 x 1 1/2	2
4	81003042	Pin	2	38	953-003-009	Spring Pin 3/8 x 1 3/4	12
5	81004234	Pin	2	39	953-003-030	Spring Pin 1/2 x 3	4
6	81004235	Rubber Cushion	2	40	953-005-001	Hair Pin Cotter .120 x 2 3/8	2
7	81004236	Stand Shim	6	41	955-001-001	Grease Fitting 1/8-27 NPT	4
8	81004246	Hinge Pin	2	42	850-001-036	Warning Decal	2
9	81004251	Pivot Weldment	2	43	810-001-473	Notice Decal	1
1D	81004257	Strap Weldment (16 Row 30) (18 ROW 28)	2	44	81004136	Hiniker Decal	2
	81004304	Strap Weldment (12 Row 36/38)	2	45	81004129	6000 Decal	2
11	81004284	Latch Weldment	2	46	850-002-426	Caution Decal	1
12	81004702	Weight Weldment	2	47	805-001-784	30° Bulk Head Plate	1
13	81004289	Roller	4	48	815-001-004	SMV Mount Strap	1
14	81004290	Pin	2	49	951-001-003	Hex Nut 1/4-20	2
15	81004296	Stop	2	50	952-001-001	Lock Washer 1/4 Inch	2
16	81004297	Shim	10	51	850-001-354	SMV Sign	1
17	81004298	Lift Link	2	52	950-001-003	Hex Head Cap Screw 1/4-20 x 1	2
18	81004300	Lower Hitch Pin	2	53	81004697	Lockbar Weldment	2
19	81004301	Clinch Pin	2	54	81003020	U-Bolt 5/8	1
20	81004302	Pin	2	55	81004695	Shim	A/R
21	81004306	Center Toolbar Weldment 12/36-38	1	56	850-001-285	Tape Yellow Reflective	2
	81004305	Center Toolbar Weldment 16/30 & 18/28	1	57	850-001-305	Tape Red Reflective	2
22	81004308	Wing Toolbar Weldment 12/36-38	2	58	81004311	Parking Stand Assembly (Sec 4 Page 6)	2
	81004307	Wing Toolbar Weldment 16/30	2	59	875-001-035	U-Bolt 3/4	A/R
	81004852	Left Wing Toolbar Weldment 18/28	1	60	952-001-006	Lock Washer 3/4 Inch	A/R
	81004853	Right Wing Toolbar Weldment 18/28	1	61	951-001-009	Hex Nut 3/4-10	A/R
23	850-002-503	Eye Bolt 1 1/4-7	2	62	81004237	Upper Hitch Assembly (Includes Items 61, 62 & 63)	1
24	865-001-042	Control Arm Link Pin	2				
25	950-001-185	Hex Head Cap Screw 5/8-11 x 2-1/4 Gr. 5	4	63	81004482	Top Link Pin Cat III	1
26	950-002-006	Hex Head Flanged Whiz Lock Bolt 5/16-18 x 3/4	8	64	81004481	Linch Pin	1
27	030-16071	Carriage Bolt 3/8-16 x 1 3/4 Gr. 5	4	65	850 001-980	Decal Warning	4
28	951-001-005	Hex Nut 3/8-16	4		81004309	Decal Bag (Includes Items 42, 43, 44, 45,46, 57, 58, 59 & 67)	
29	951 001-008	Hex Nut 5/8-11	6				
30	951-001-022	Hex Nut 1 1/4-7	4	66	81004700	Tube Weldment	2
31	951-002-002	Hex Head Flanged Whiz Lock Nut 5/16-18	8	67	701-30022	Spring Pin 3/16 x 2	2
32	951-005-052	Jam Nut 3/4-10	2	68	950-001-108	Hex Bolt 3/8-16 x 1 1/2	4
33	952-001-005	Lock Washer 5/8 Inch	6				

SEC 2

SECTION 3 HYDRAULICS

PAGE 2 HYDRAULIC PLUMBING

**170 DEGREE WING LIFT ALL FOLDING MODELS
WING LIFT CYLINDERS**

PAGE 3 PRINCE 3.5 INCH DIA. X 16 INCH STROKE

PAGE 4 PRINCE 4.00 INCH DIA. X 16 INCH STROKE P/N AM-111SP

PAGE 5 PRINCE 4.00 INCH DIA. X 16 INCH STROKE P/N AR-264

PAGE 6 PRINCE 5.00 INCH DIA. X 16 INCH STROKE

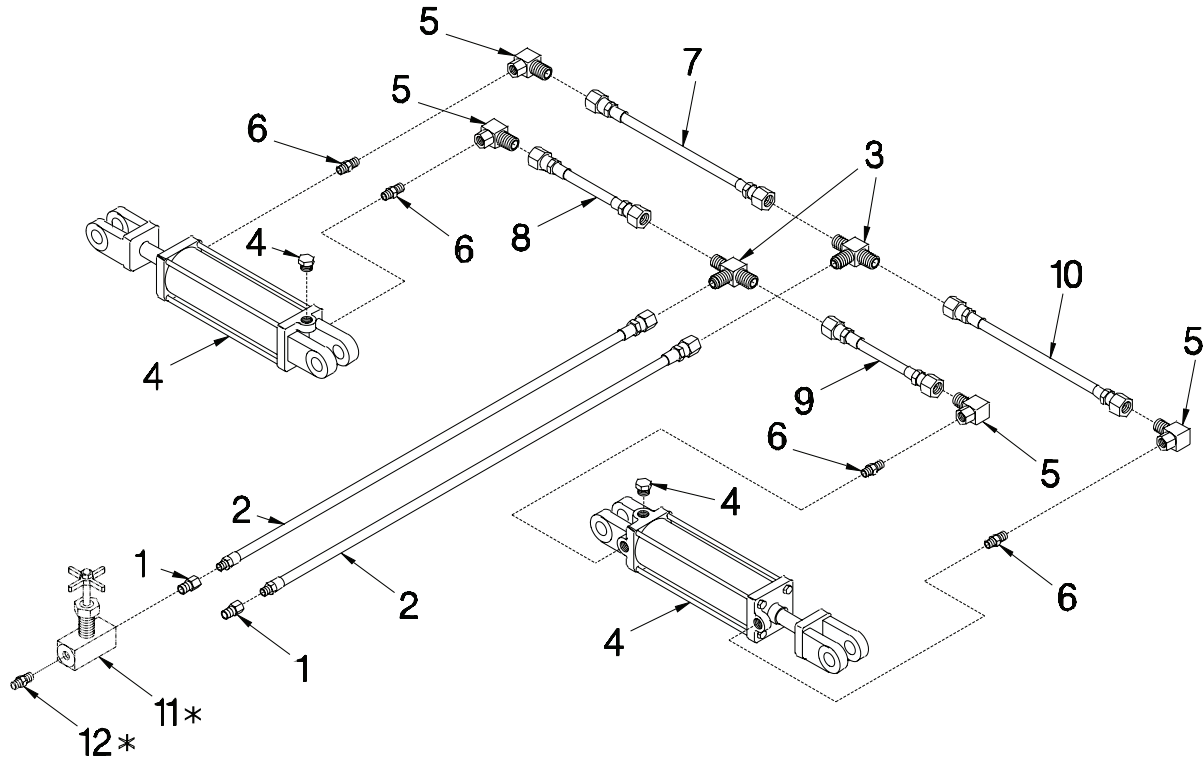
LIFT ASSIST CYLINDERS

PAGE 7 TEXAS HYD. 3.00 INCH DIA. X 8 INCH STROKE

PAGE 8 PRINCE 3.00 INCH DIA. X 8 INCH STROKE

SERIES 6000 ROW CULTIVATOR

HYDRAULIC PLUMBING 170 DEGREE WING LIFT



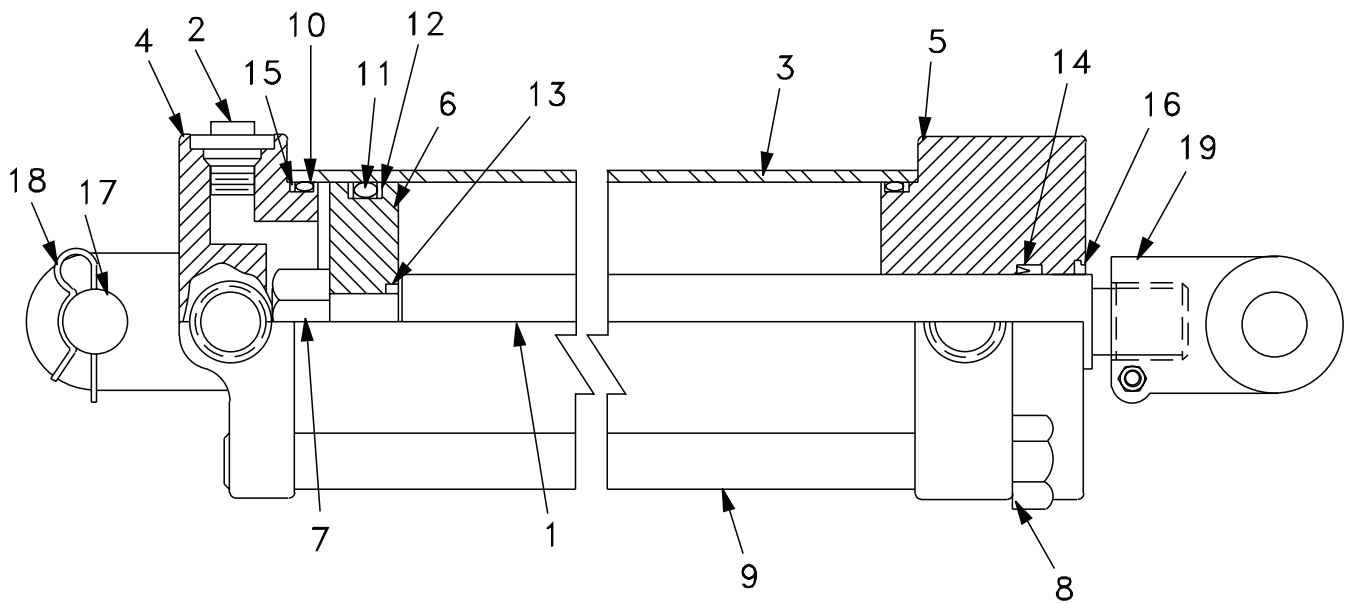
*NOTE: TO HAVE POSITIVE LOCK ON TOOLBAR WING LOCK, AN OPTIONAL NEEDLE VALVE IS OFFERED NO. 81004701. THIS WILL INSURE THE LIFT CYLINDER WILL NOT CLOSE, AND DISENGAGE WING LOCK.

DWG. NO. 3215

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	956-004-002	Reducer Bushing 1/2 Male NPT to 3/8 Female NPT	2	8	957-001-014	3/8 Inch Hose Assembly 60 Inch 10 Row 30, 12 Row 30	1
2	957-002-014	3/8 Inch Hose Assembly 48 Inches	2		957-001-057	3/8 Inch Hose Assembly 86 Inch 10 Row 36, 38, 12 Row 36, 38	1
3	956-007-003	Bulkhead Tee 9/16 Male JIC To 9/16 Male JIC To 9/15 Male JIC	2		957-001-019	3/8 inch Hose Assembly 92 inch 16 Row 30 18 Row 28	1
4	81002580	3.50 Inch Diameter x 16 Inch Stroke Cylinder 8 Row 30	2	9	957-001-006	3/8 Inch Hose Assembly 41 Inch 8 Row 30 & Row 28	1
	81004342	4.00 Inch Diameter x 16 Inch Stroke Cylinder 8 Row 36-38-40, 10 Row 30, 12 Row 30	2		957-001-015	3/8 inch Hose Assembly 68 Inch 8 Row 36, 38,40	1
	81004872	5.00 Inch Diameter x 16 Inch Stroke Cylinder 10 Row 36-38, 12 Row 36-38, 16 Row 30, 18 Row 28	2		957-001-018	3/8 Inch Hose Assembly 79 Inch 10 Row 30, 12 Row 30	1
5	956-005-002	90° Elbow 9/16 Female JIC to 9/16 Male JIC	4		957-001-021	3/8 Inch Hose Assembly 102 Inch 10 Row 36,38, 12 Row 36, 38	1
6	956-008-024	Restrictor Fitting 3/4 Male SAE O-Ring to 9/16 Male JIC 3.50 & 4.00 Cylinder	4		957-001-056	3/8 Inch Hose Assembly 108 inch 16 Row 30 & 18 Row 28	1
	956-008-025	Restrictor Fitting 7/8 Male SAE O-Ring to 9/16 Male JIC 5.00 Cylinder	4	10	957-001-014	3/8 Inch Hose Assembly 60 Inch 8 Row 30	1
7	957-001-009	3/8 Inch Hose Assembly 50 Inch 8 Row 30	1		957-001-057	3/8 Inch Hose Assembly 86 Inch 8 Row 36, 38,40	1
	957-001-017	3/8 Inch Hose Assembly 72 Inch 8 Row 36-38-40	1		957-001-020	3/8 Inch Hose Assembly 96 Inch 10 Row 30, 12 Row 30	1
	957-001-018	3/8 Inch Hose Assembly 79 Inch 10 Row 30, 12 Row 30	1		957-001-054	3/8 Inch Hose Assembly 120 Inch 10 Row 36, 38, 12 Row 36, 38	1
	957-001-021	3/8 Inch Hose Assembly 102 Inch 10 Row 36-38, 12 Row 36-38	1		957-001-023	3/8 Inch Hose Assembly 126 Inch 16 Row 30 & 18 Row 28	1
	957-001-056	3/8 Inch Hose Assembly 108 Inch 16 Row 30 & 18 Row 28	1	11	81004701	3/8 Needle Valve (Optional)	1
8	957-001-004	3/8 Inch Hose Assembly 29 inch 8 Row 30	1	12	956-003-022	Straight Adapter 3/8 MNPT to 1/2 MNPT (Optional)	1
	957-001-009	3/8 Inch Hose Assembly 50 inch 8 Row 36, 38,40	1				

SERIES 6000 ROW CULTIVATOR

**PRINCE 3.5 INCH DIAMETER X 16 INCH STROKE
CYLINDER 3/4 O-RING PORTS**



Cylinder Identification Hiniker P/N 81002580
Prince Pin SAE-9316A-5P

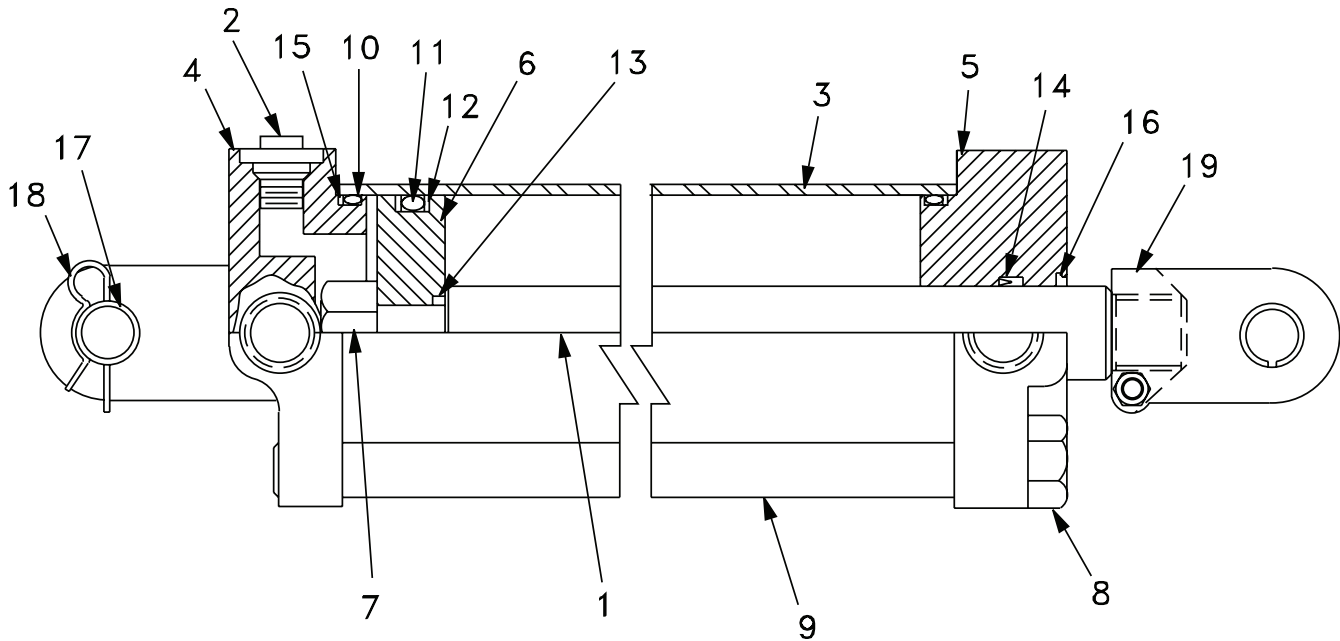
DWG. NO. 2301

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81002605	Piston Rod	1	12	*	Backup Washer	2
2	855-001-404	#8 SAE Plug	1	13	*	O-Ring	1
3	850-001-794	Tube	1	14	*	U-Cup	1
4	855-001-413	Butt	1	15	*	Backup Washer	2
5	856-001-252	Gland	1	16	*	Wiper	1
6	81002604	Piston	1	17	850-001-804	Clevis Pin	1
7	855-001-387	Lock Nut 7/8-14 Uni-Torque	1	18	840-001-206	Hair Pin Clip	2
8	856-001-254	Hex Nut	4	19	856-001-239	Clevis Assembly	1
9	850-001-796	Tie Rod	4		856-001-258	Seal Kit Includes Items 10, 11, 12, 13, 14, 15 & 16	
10	*	O-Ring	2		81002580	Complete 3 1/2 x 16 Cylinder Assembly	
11	*	O-Ring	1			*NOTE: Items marked "*" are available in seal kit.	

SERIES 6000 ROW CULTIVATOR

**PRINCE 4 INCH DIAMETER X 16 INCH STROKE
CYLINDER 3/4 O-RING PORTS
P/N AM-111SP**

**SEC
3**



Prince P/N AM-111SP

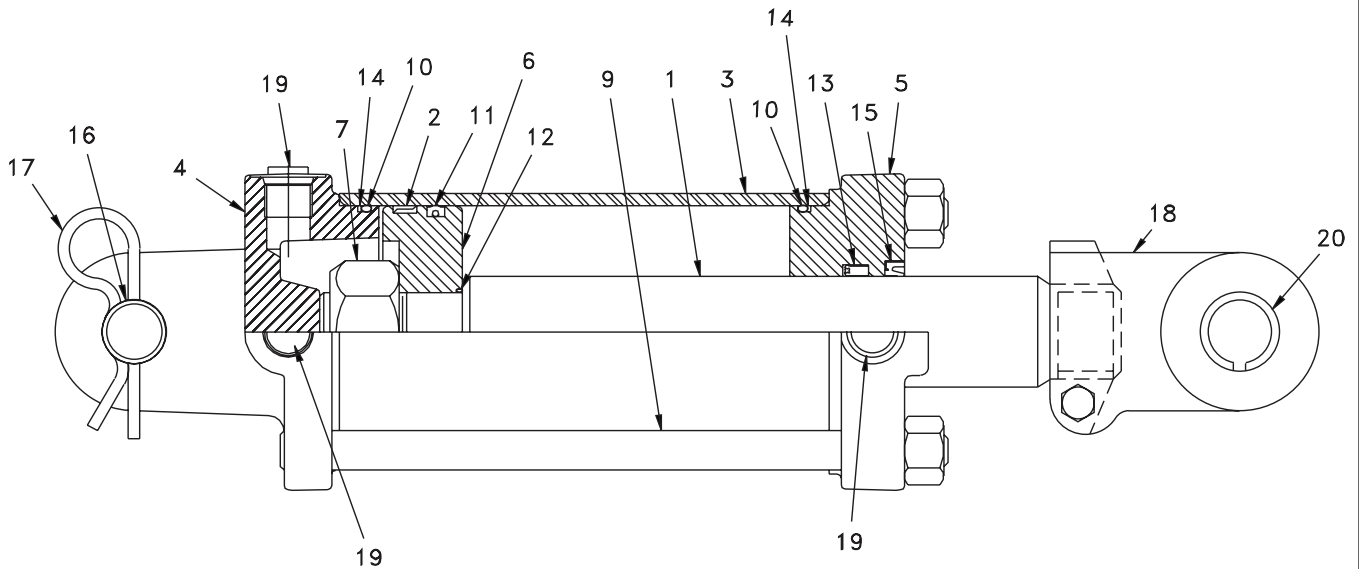
DWG. NO. 2298

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	861-001-222	Piston Rod	1	13	*	O-Ring	1
2	855-001-404	#8 SAE Plug	1	14	*	U-Cup	1
3	861-001-223	Tube	1	15	*	Back Up Washer	2
4	855-001-426	Butt	1	16	*	Wiper	1
5	855-001-425	Gland	1	17	850-001-818	Clevis Pin	1
6	850-001-809	Piston	1	18	840-001-206	Hair Pin Clip	2
7	951-005-034	Lock Nut 1 1/4-12 UNF Uni-Torque	1	19	855-001-402	Clevis Assembly	1
8	855-001-424	Hex Nut	4		855-001-429	Seal Kit (Includes Items 10, 11, 12, 13, 14, 15 & 16)	
9	81002578	Tie Rod	4			Complete 4 x 16 Cylinder Assembly	
10	*	O-Ring	2			Order 81004342	
11	*	O-Ring	1			* NOTE: Items marked "*" are available in seal kit.	
12	*	Back Up Washer	2				

SERIES 6000 ROW CULTIVATOR

**PRINCE 4 DIAMETER X 16 INCH STROKE
CYLINDER 3/4 O-RING PORTS
P/N AR-264**

**S E C
3**



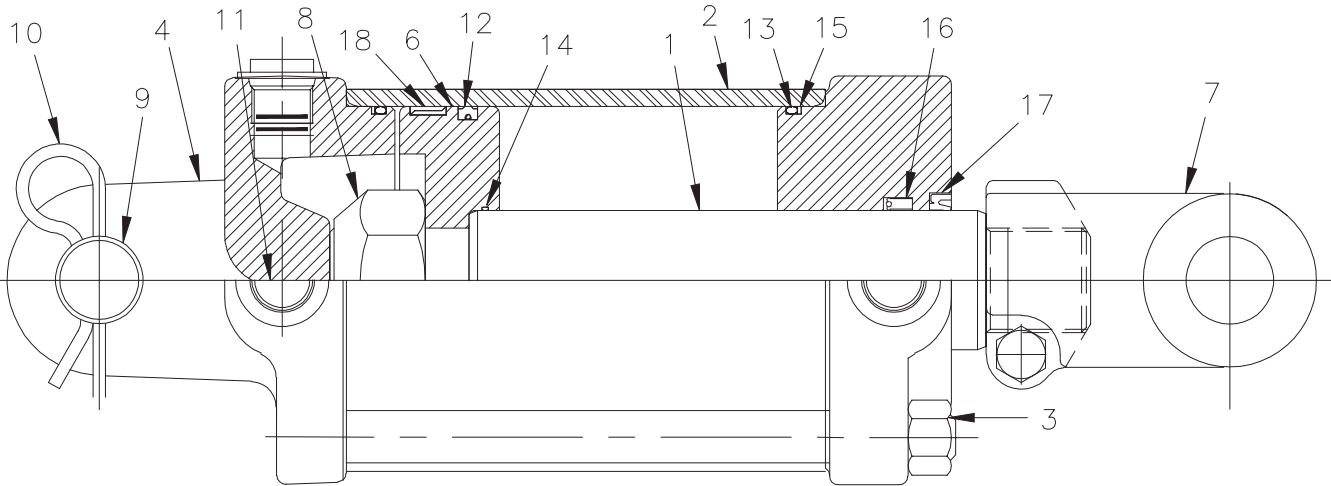
Cylinder Identification Hiniker P/N 81004342
Prince P/N AR-264

DWG. NO. 2938A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004343	Piston Rod	1	12	850-001-814	O-Ring *	1
2	85501736	Bearing Ring *	1	13	880-001-360	U-Cup Seal *	1
3	861-001-223	Tube	1	14	855-001-421	Bu-Washer *	2
4	855-001-426	Butt	1	15	81004347	Wiper *	1
5	81004344	Gland	1	16	81004348	Clevis Pin	1
6	81004345	Piston	1	17	840-001-206	Hairpin Clip	2
7	951-005-034	Lock Nut 1 1/4-12	1	18	855-001-402	Clevis Assembly	1
8	81004516	Cotter Pin (Not Shown)	4	19	81004350	Port Plugs	3
9	81002578	Tie Rod Assembly	4	20	81004351	Bushing	2
10	880-001-358	O-Ring *	2		81004352	* = Included In Seal Kit	
11	81004346	Crown Seal *	1		81004342	Complete 4.0 X 16 Inch Stroke Cylinder	

SERIES 6000 ROW CULTIVATOR

5 x 16 Cylinder

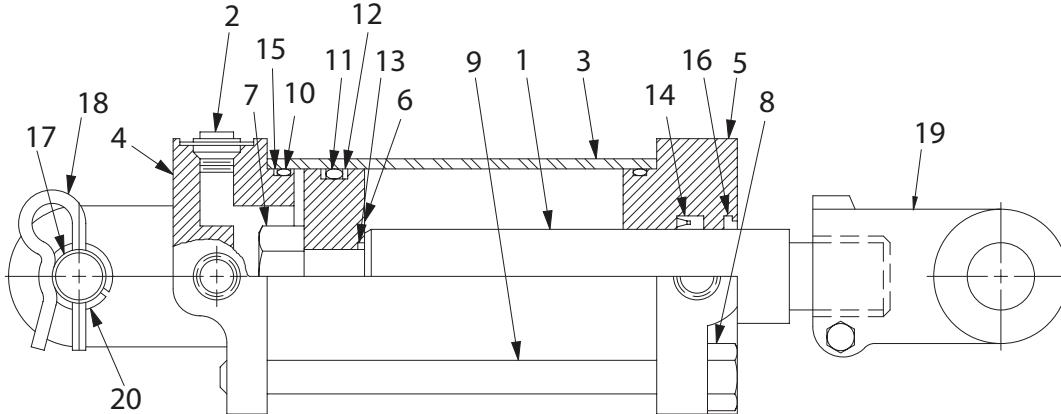


Prince P/N 35016SP

DWG. NO. 6186

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004885	Piston Rod	1	11	81002593	Port Plug 7/8-14	3
2	840-001-191	Tube	1	12	*	Crown Seal	1
3	81004884	Tie Rod	4	13	*	O-Ring	2
4	81004873	Butt	1	14	*	O-Ring	1
5	81004874	Gland	1	15	*	Bu Washer	2
6	81004875	Piston	1	17	*	Wiper	1
7	81002585	Clevis	1	18	*	Bearing Ring	1
8	85003501	Lock Nut 1 1/2-12	1		81004876	Seal Kit (Includes Items (12, 13, 14, 15, 16, 17 & 18)	
9	81004878	Clevis Pin	1		81004872	Complete 5 x 16 Cylinder Assembly 2000 & Later	
10	840-001-206	Hair Pin Clip	2				

PRINCE 5 INCH DIAMETER X 16 INCH STROKE CYLINDER 7/8 O-RING PORTS



Cylinder Identification Hiniker P/N 81002581 1999 & Earlier
Prince P/N SAE9516

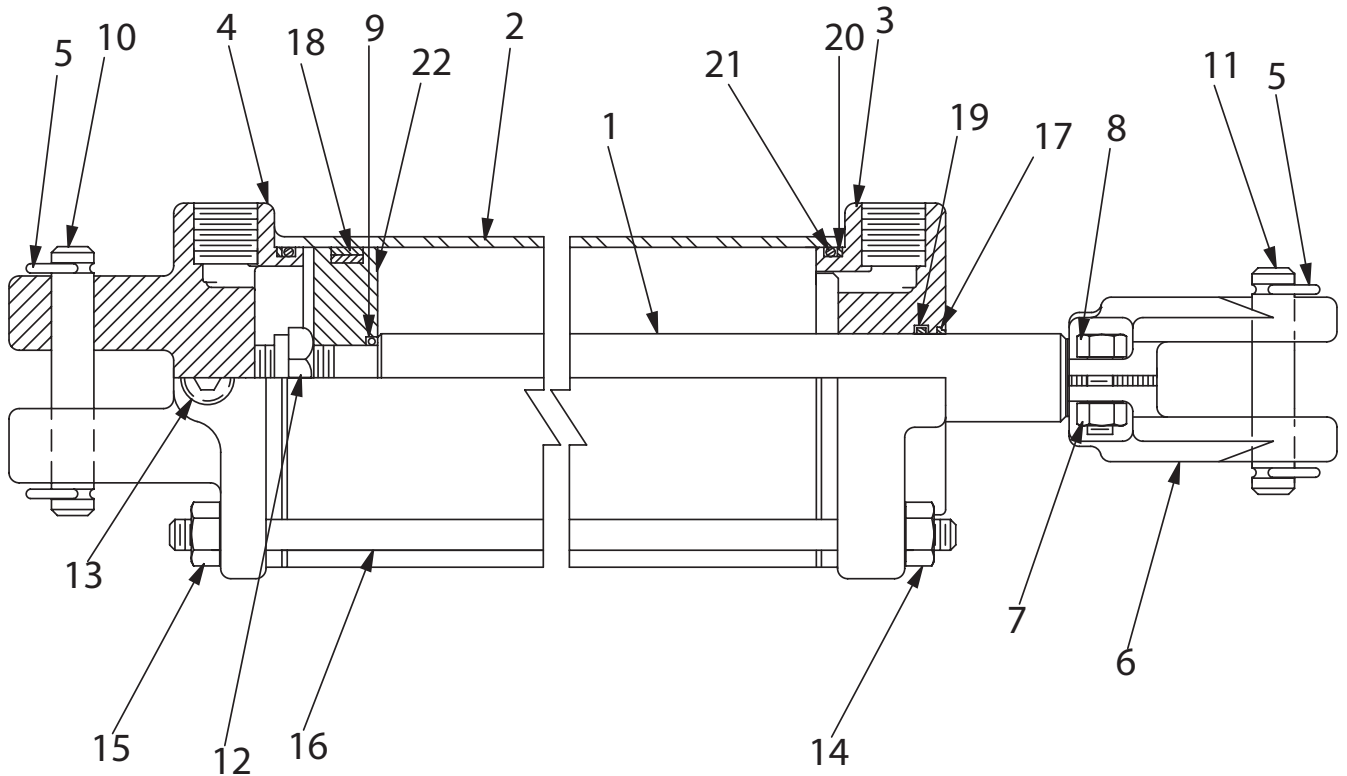
DWG. NO. 2935

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	840-001-189	Piston Rod	1	13		O-Ring	1
2	81002593	#10 SAE Plug	1	14		U-Cup Seal	1
3	840-001-191	Tube	1	15		BU-Washer	2
4	81002592	Butt	1	16		Wiper	1
5	81002591	Gland	1	17	81004348	Clevis Pin	1
6	840-001-194	Piston	1	18	840-001-206	Hairpin Klip	2
7	951-005-034	Uni-Torque Lock Nut 1 1/4 -12	1	19	81002585	Clevis Assembly	1
8	855-001-424	Hex Nut	4		81002594	Seal Kit (Includes Items 10, 11, 12, 13, 14, 15 & 16)	
9	81002590	Tie Rod	4		81002581	Complete 5 x 16 Cylinder Assembly 1999 & Earlier	
10		O-Ring	2			*Note: Items Marked "*" Are Available In Seal Kit	
11		O-Ring	1	20	81004351	Bushing	2
12		BU-Washer	2				

SERIES 6000 ROW CULTIVATOR

**TEXAS HYDRAULIC 3 INCH DIAMETER X 8 INCH STROKE
CYLINDER 3/4 O-RING PORTS**

**S
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3**



Texas Hydraulic P/N CHA3022E080-04

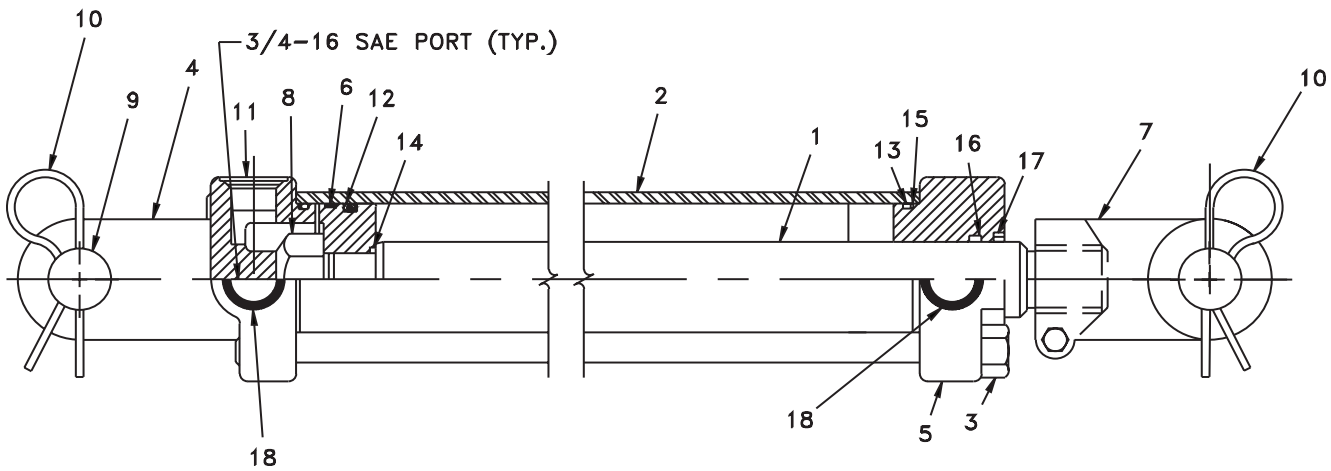
DWG. NO. 2305

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	80503852	Rod	1	13	80503840	Plug	1
2	80503851	Tube	1	14	80503839	Nut	4
3	80503850	Head	1	15	80503838	Lock Nut	4
4	80503849	Base Clevis	1	16	80503837	Tie Rod	4
5	80503847	Clip Pin	4	17	80503836	Wiper	1
6	80503846	Clevis	1	18	80503835	Uni-Ring	1
7	80503845	Nut	1	19	80503834	U-Cup	1
8	80503844	Cap Screw	1	20	80503833	Back-Up Washer	2
9	80503831	O-Ring	1	21	80503832	O-Ring	2
10	80503843	Clevis Pin	1	22	80503848	Piston	1
11	80503842	Clevis Pin	1		80503853	Seal Kit Includes Item 9, 17, 18, 19, 20 & 21	
12	80503841	Locknut	1		80503830	Complete 3 x 8 Cylinder	

SERIES 6000 ROW CULTIVATOR

**PRINCE HYDRAULIC 3 INCH DIAMETER X 8 INCH STROKE
CYLINDER 3/4 O-RING PORTS**

**SEC
3**



Cylinder Identification Hiniker P/N 81004503
Prince Hyd. P/N SAE 33008SP

DWG. NO. 3012

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004504	Piston Rod	1	12	*	Crown Seal	1
2	81004505	Tube	1	13	*	O-Ring	2
3	81004506	Tie Rod Assembly	4	14	*	O-Ring	1
4	81004507	Butt	1	15	*	Back-Up Washer	2
5	81004508	Gland	1	16	*	U-Cup	1
6	81004509	Piston	1	17	*	Wiper	1
7	81004510	Clevis Assembly	1	18	81004515	Port Plug	2
8	81004511	Lock Nut	1	19	81004516	Cotter Pin	4
9	81004512	Clevis Pin	2		81004517	Seal Kit	
10	81004513	Hairpin Clip	2			* = Items Included In Seal Kit	
11	81004514	Port Plug 3/4-16	1		81004503	Complete 3 x 8 Cylinder Assembly	

SECTION 4

COMPONENT PARTS

BREAKDOWN

TILLAGE UNIT AND COMPONENTS

PAGE 2 & 3 TILLAGE UNIT ASSEMBLY

PAGE 4 COULTER ADJUSTING STRAP ASSEMBLY

PAGE 4 GAUGE WHEEL 4 X 16 TIRE ASSEMBLY

PAGE 5 COULTER HUB ASSEMBLY 3 INCH WIDE

PAGE 5 COULTER HUB ASSEMBLY 41NCH WIDE

TOOLBAR COMPONENTS

PAGE 6 PARKING STAND ASSEMBLY

PAGE 6 TILLAGE UNIT MOUNTING HARDWARE

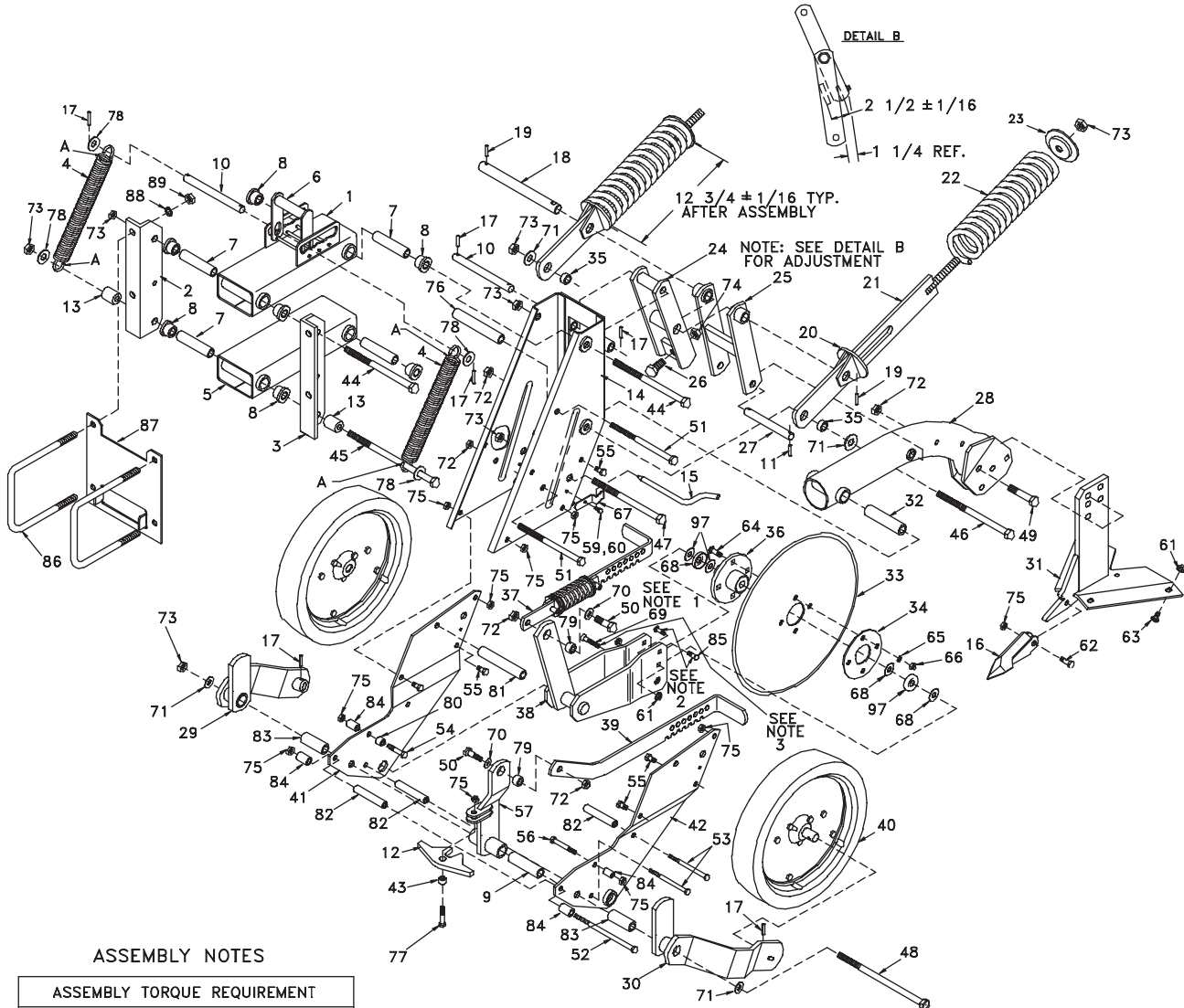
PAGE 7 BOLT ON UPPER HITCH ASSEMBLY

PAGE 7 BOLT ON RH & LH LOWER HITCH ASSEMBLY

SERIES 6000 ROW CULTIVATOR

TILLAGE UNIT ASSEMBLY SERIAL NO. ENDING 101 OR HIGHER

SEC
4



ASSEMBLY NOTES

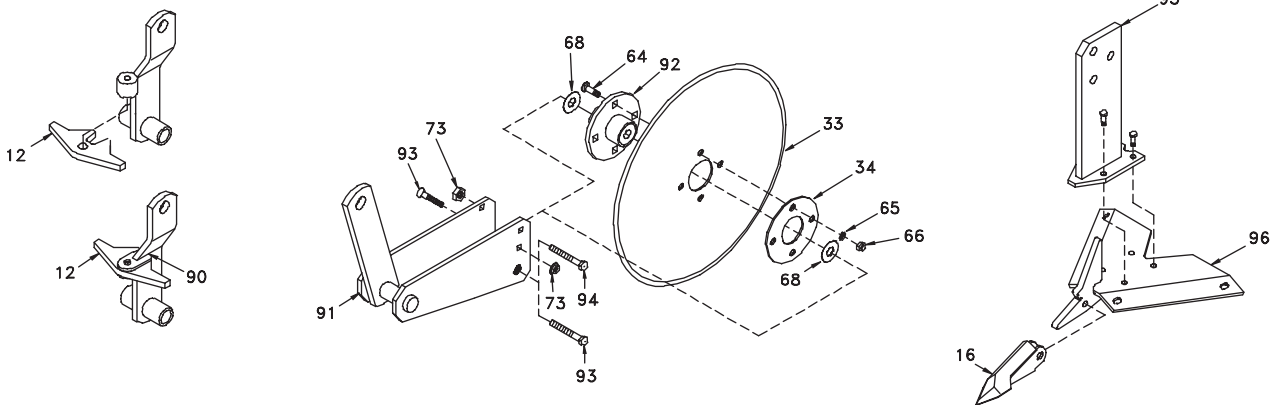
ASSEMBLY TORQUE REQUIREMENT	
BOLT SIZE	TORQUE VALUE ± 10%
3/8-16 UNC	30
1/2-13 UNC	75
5/8-11 UNC	125
3/4-10 UNC	150 TO 180

1. A = OPENING OF SPRING HOOK OF ITEM 4 EXT. SPRING.

2. INSTALL CARRIAGE BOLTS FROM INSIDE, LOWER SQUARE HOLES, BEFORE (ITEM 36) HUB ASSEMBLY IS INSTALLED.

3. USE PERMA-LOC HM 118 (RED) OR LOCTITE BRAND THREADLOCKER #262 (RED) INSTALL ON CAP SCREW THREADS.

SERIAL NO. ENDING 100



DWG. NO. 3018

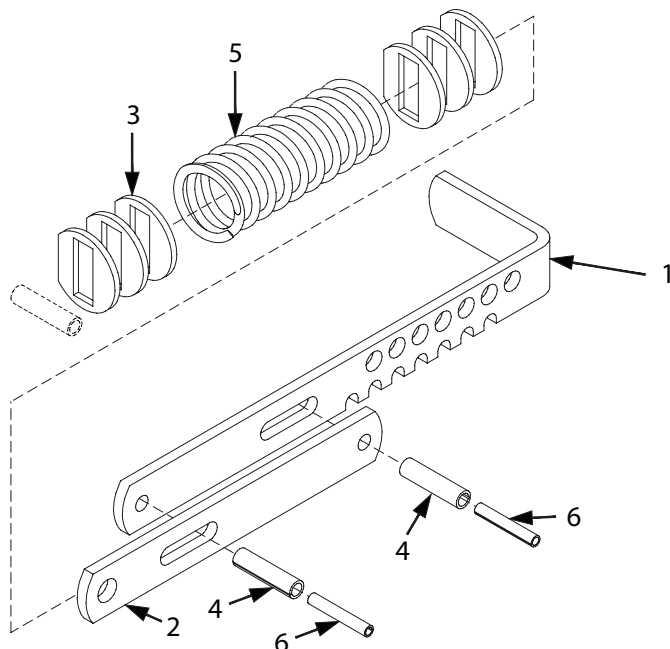
SERIES 6000 ROW CULTIVATOR

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004018	Upper Parallel Link Weldment	1	51	950-001-165	Hex Head Cap Screw 5/8-11 x 7 1/2 Gr. 5	2
2	81004000	RH Angle (For 5/8 U-Bolt)	1	52	950-001-259	Hex Head Cap Screw 1/2-13 x 8 Gr. 5	1
	81005573	RH Angle (For 3/4 U-Bolt)	1	53	950-001-060	Hex Head Cap Screw 1/2-13 x 5 Gr. 5	2
3	81004001	LH Angle (For 5/8 U-Bolt)	1	54	950-001-135	Hex Head Cap Screw 1/2-13 x 2 3/4 Gr. 5	1
	81005574	LH Angle (For 3/4 U-Bolt)	1	55	950-001-231	Hex Head Cap Screw 1/2-13 x 1 Gr. 5	6
4	81004003	Extension Spring	2	56	031-06208	Hex Head Cap Screw 1/2-13 x 2 1/4 Gr. 5	1
5	81004010	Lower Link Weldment	1	57	81004434	Lift Arm Weldment	1
6	81004015	Handle Weldment	1	59	950-001-117	Hex Head Cap Screw 1/4-20 x 3/4 Gr. 5	1
7	81004008	Inner Bushing	4	60	951-002-001	Whiz Lock Nut 1/4-20	1
8	81004019	Flange Bearing	8	61	951-005-003	Mac-Lock 3/8-16	6
9	81004033	Tube	1	62	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	1
10	25010376	8" Hinge Pin	2	63	950-007-001	Plow Bolt 3/8-16 x 1	4
11	953-003-009	Spring Pin 3/8 x 1 3/4	2	64	950-003-028	Carriage Bolt 1/2-13 x 1 1/4 Gr. 5	4
12	81004564	Pivot Link	1	65	952-001-004	Lock Washer 1/2 Inch	4
13	81004005	Spacer	2	66	951-001-007	Hex Nut 1/2-13	4
14	81004435	Mast Weldment	1	67	81004112	Flat Spring	1
15	81004093	Pin	1	68	952-004-003	Machine Bushing 25/32 x 1 1/4 x .075	4
16A	81004097	Point Weldment 6 1/4 Long	1	69	950-011-035	Flat Head Screw 3/4-10 x 3 Gr. 8	1
16	81004425	Point Weldment 7 1/4 Long	1	70	952-002-007	Flat Washer 5/8 Inch	2
17	953-003-018	Spring Pin 1/4 x 1 1/4	6	71	952-002-008	Flat Washer 3/4 Inch	4
18	81004083	Pin	1	72	951-005-044	2-Way Lock Nut 5/8-11	7
19	953-003-019	Spring Pin 1/2 x 2	2	73	951-005-037	2-Way Lock Nut 3/4-10	8
20	81004082	Disc Plate Weldment	2	74	951-005-052	Jam Nut 3/4-10	1
21	81004076	Strap Weldment	2	75	10304	2-Way Lock Nut 1/2-13	13
22	81004098	Compression Spring	2	76	81004028	Tube	1
23	81004090	Washer	2	77	950-001-112	Hex Head Cap Screw 1/2-13 x 2 Gr. 5	1
24	81004072	Adjusting Link Weldment	1	78	033-12013	Flat Washer 3/4 Inch SAE Plated	4
25	81004075	Link Weldment	1	79	81004025	Pivot Bushing	2
26	950-001-202	Hex Head Cap Screw 3/4-10 x 2 1/4 Gr. 5	1	80	81004029	Tube	1
27	81004070	Bottom Pin	1	81	81004031	Tube	1
28	81004432	Shank Weldment	1	82	81004030	Tube	3
29	81004044	RH Gauge Wheel Arm Weldment	1	83	81004027	Tube	2
30	81004043	LH Gauge Wheel Arm Weldment	1	84	81004032	Tube	4
31	81004418	Sweep Support Weldment	1	85	950-003-024	Carriage Bolt 3/8-16 x 3/4	2
32	81004067	Sleeve	1	86	805-001-332	U-Bolt 5/8 (Fits 7 x 7)	2
33	805-001-001	Coulter 18 Inch	1		81003020	U-Bolt 5/8 (Fits 5 x 7)	2
34	805-001-015	Back-Up Washer	1		875-001-038	U-Bolt 3/4 (Fits 7 x 7)	2
35	81004061	Bushing	2		875-001-035	U-Bolt 3/4 (Fits 5 x 7)	2
36	81004407	Hub Assembly (3 Wide) See Section 4 Page 5	1	87	81004034	Support Plate (For 5/8 U-Bolt)	1
37	81004080	Adjusting Strap Assembly - See Section 4 Page 4	1		81005577	Support Plate (For 3/4 U-Bolt)	1
38	81004414	Support Weldment	1	88	952-001-005	Lock Washer 5/8 Inch	4
39	81004048	Gauge Wheel Pull Strap	1	89	951-001-008	Hex Nut 5/8-11	4
40	81004052	Tire And Rim Assembly 4 x 16 - See Section 4 Page 4	2	90	81004484	Pivot Link Anchor Kit	1
41	81004054	RH Side Plate Weldment	1	91	81004057	Support Weldment	1
42	81004053	LH Side Plate Weldment	1	92	810-002-100	Hub Assembly (4" Wide) Section 4 Page 5	1
43	81004049	Pivot Bushing	1	93	81104486	Coulter Holder Bolt Kit (1 Row)	1
44	950-001-229	Hex Head Cap Screw 3/4-10 x 8 Gr. 5	2	94	950-001-033	Hex Head Cap Screw 3/4-10 x 4 1/2 Gr. 5	1
45	950-001-225	Hex Head Cap Screw 3/4-10 x 11 Gr. 5	1	95	*	Shank Flat Bar Weldment	
46	950-001-264	Hex Head Cap Screw 3/4-10 x 9 1/2 Gr. 5	1	96	*	Sweep Support Weldment	
47	950-001-153	Hex Head Cap Screw 3/4-10 x 7 1/2 Gr. 5	1	97	81004802	Dust Cap	2
48	950-001-273	Hex Head Cap Screw 3/4-10 x 12 Gr. 5	1			* Not Sold Separately	
49	950-001-023	Hex Head Cap Screw 5/8-11 x 2 Gr. 5	3		6026	* Must Order 81004418 For Complete Unit	
50	950-001-132	Hex Head Cap Screw 5/8-11 x 1 3/4 Gr. 5	2			Complete 6000 Tillage Unit Assembly	

SEC 4

SERIES 6000 ROW CULTIVATOR

COULTER ADJUSTING STRAP

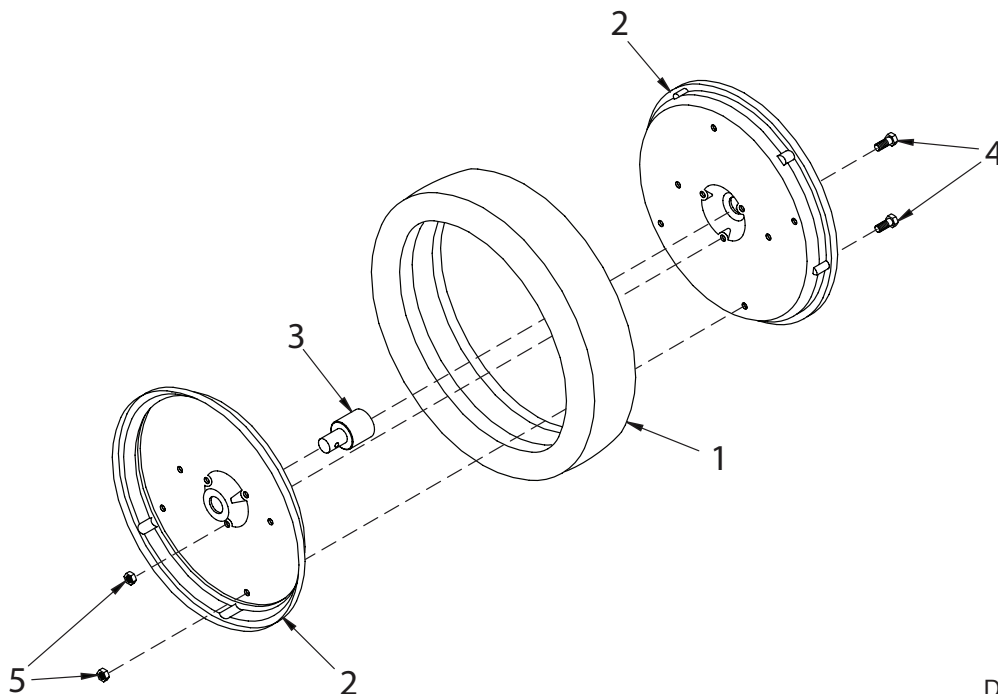


DWG. NO. 2878

SEC
4

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	51004047	Coulter Pull Strap	1	4	953-003-019	Spring Pin 1/2 x 2	2
2	81004046	Strap	1	5	81004078	Spring	1
3	81004050	Adjusting Washer	6	6	953-003-017	Spring Pin 5/16 x 2	2

GAUGE WHEEL 4 X 16 TIRE ASSEMBLY

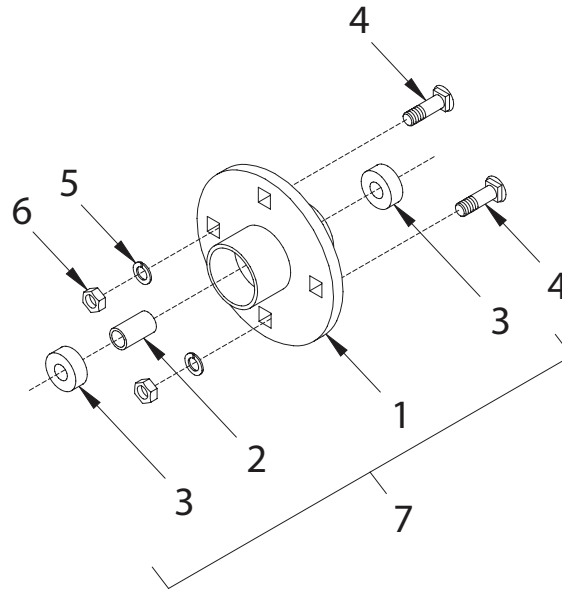


DWG. NO. 2879

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004123	Tire 4 x 16	1	4	950-001-232	Hex Head Cap Screw 5/16-18 x 5/8 Gr. 5	7
2	81003196	Half Wheel	2	5	951-005-064	2-Way Lock Nut 5/16-18	7
3	81004002	Bearing With Outer Bushing	1				

SERIES 6000 ROW CULTIVATOR

**COULTER HUB ASSEMBLY 2 INCH WIDE
SERIAL NO. ENDING 101 OR HIGHER**

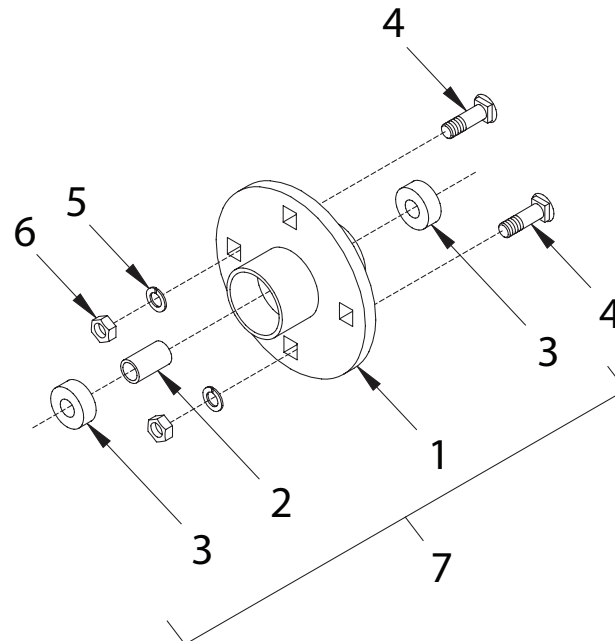


DWG. NO. 3016

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004410	4 Bolt Hub Weldment	1	5	952-001-004	Lock Washer 1/2 Inch	4
2	81004409	Spacer	1	6	951-001-007	Hex Nut 1/2-13	4
3	600-02009	Bearing 3/4	2	7	81004407	Hub Assembly	1
4	950-003-028	Carriage Bolt 1/2 x 1 1/4	4				

SEC 4

**COULTER HUB ASSEMBLY 3 INCH WIDE
SERIAL NO. ENDING 100**

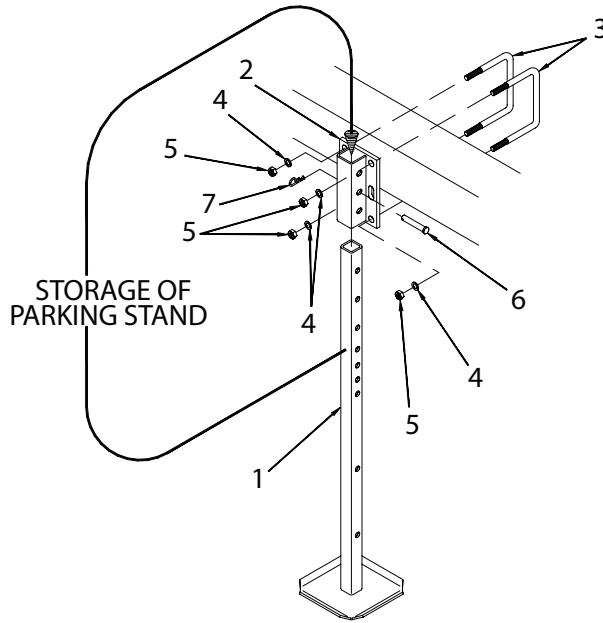


DWG. NO. 3017

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-002-101	4 Bolt Hub Weldment	1	5	952-001-004	Lock Washer 1/2 Inch	4
2	810-002-034	Spacer	1	6	951-001-007	Hex Nut 1/2-13	4
3	600-02009	Bearing 3/4	2	7	810-002-100	Hub Assembly	1
4	950-003-028	Carriage Bolt 1/2 x 1 1/4	4				

SERIES 6000 ROW CULTIVATOR

PARKING STAND ASSEMBLY



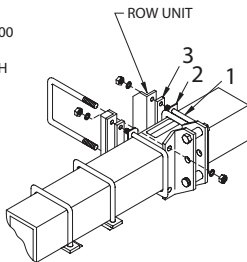
DWG. NO. 1384A

SEC
4

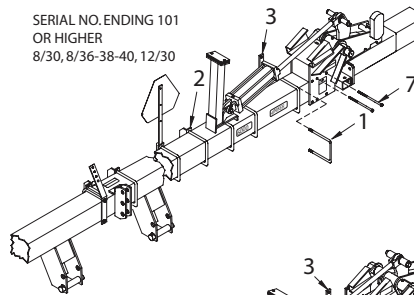
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81006028	Stand Weldment	1	4	952-001-006	Lock Washer 3/4	4
2	805-001-847	Mounting Bracket Weldment	1	5	951-001-009	Hex Nut 3/4-10	4
3	875-001-038	U-Bolt 3/4 x 7 13/16 Inch Center (Fits 7 x 7)	2	6	953-002-021	Clevis Pin 5/8 x 3 1/2 Long	1
	875-001-035	U-Bolt 3/4 x 7 13/16 Inch Center (Fits 5 x 7)	2	7	953-005-001	Hair Pin Cotter .120 x 2 3/8 Long	1

TILLAGE UNIT MOUNTING HARDWARE

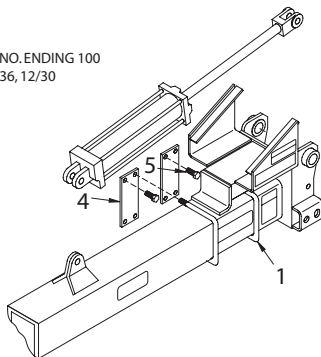
SERIAL NO. ENDING 100
OR HIGHER
BOLT ON UPPER HITCH



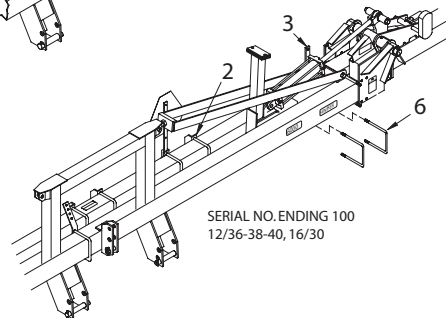
SERIAL NO. ENDING 101
OR HIGHER
8/30, 8/36-38-40, 12/30



SERIAL NO. ENDING 100
8/30, 8/36, 12/30



SERIAL NO. ENDING 100
12/36-38-40, 16/30

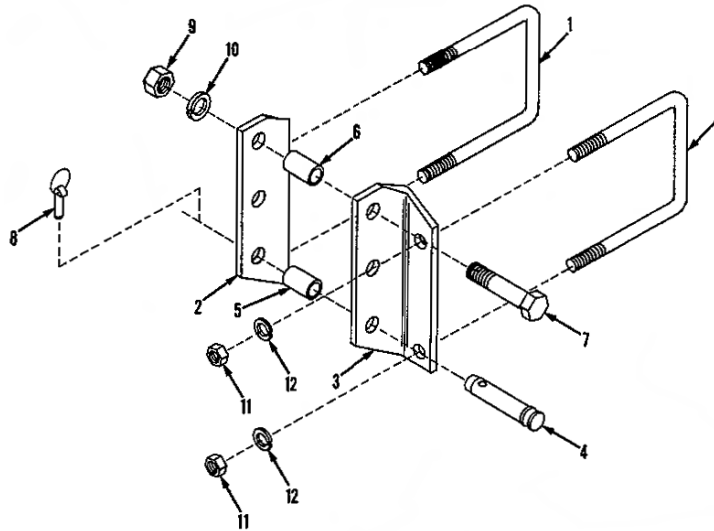


DWG. NO. 3015

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	805-001-332	U-Bolt 5/8 (Fits 7 x 7)	A/R	4	810-002-371	Spacer Plate (8/36 Only)	4
	875-001-038	U-Bolt 3/4 (Fits 7 x 7)	A/R	5	950-001-087	Hex Head Cap Screw 5/8 x 1 1/2 (8/36 Only)	8
2	81004034	Support Plate (For 5/8 U-Bolts)	A/R	6	81003020	U-Bolt 5/8 (Fits 5 x 7)	A/R
	81005577	Support Plate (For 3/4 U-Bolts)	A/R		875-001-035	U-Bolt 3/4 (Fits 5 x 7)	A/R
3	81004186	Spacer Strap (Fits 5/8 U-Bolt)	A/R	7	950-001-230	Hex Head Cap Screw 5/8 x 9 1/2	4
	81005600	Spacer Strap (Fits 3/4 U-Bolt)	A/R				

SERIES 6000 ROW CULTIVATOR

BOLT ON UPPER HITCH ASSEMBLY

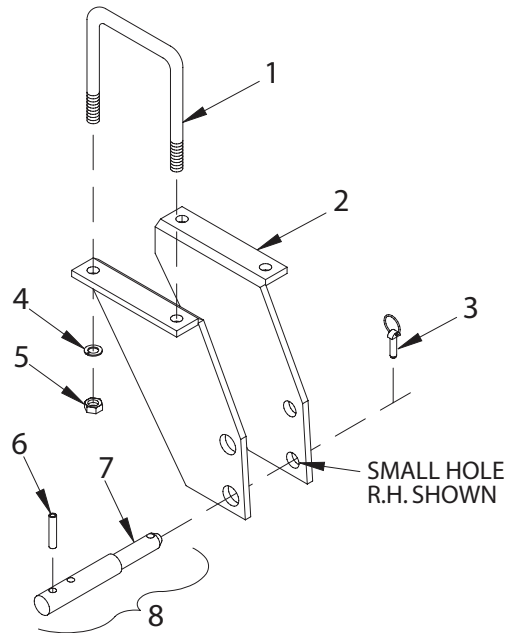


DWG. NO. 1694

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	875-001-038	U-Bolt 3/4 (Fits 7 x 7)	2	7	950-001-170	Hex Head Bolt 1-8 x 4 1/2	1
	875-001-035	U-Bolt 3/4 (Fits 5 x 7)	2	8	230-026-005	Linch Pin	1
2	810-002-086	RH Upper Hitch	1	9	951-001-011	Hex Nut 1-8	1
3	810-002-087	LH Upper Hitch	1	10	952-001-009	Lock Washer 1 Inch	1
4	875-001-123	Top Link Pin	1	11	951-001-009	Hex Nut 3/4-10	4
5	230-026-004	Bushing	1	12	952-001-006	Lock Washer 3/4 Inch	4
6	890-001-009	Spacer	1				

SEC 4

BOLT ON RH AND LH LOWER HITCH ASSEMBLY



DWG. NO. 2880

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	875-001-038	3/4 inch U-Bolt	2	5	951-001-009	Hex Nut 3/4-10	4
2	810-002-456	RH Lower Hitch Weldment	1	6	953-003-002	Spring Pin 1/2 x 2 1/2	1
	810-002-457	LH Lower Hitch Weldment (Not Shown)	1	7	805-003-553	Lower Hitch Pin	1
3	230-026-005	Klik Pin	1	8	810-002-052	Pin Assembly (Includes Items 6 & 7)	
4	952-001-006	Lock Washer 3/4 Inch	4				

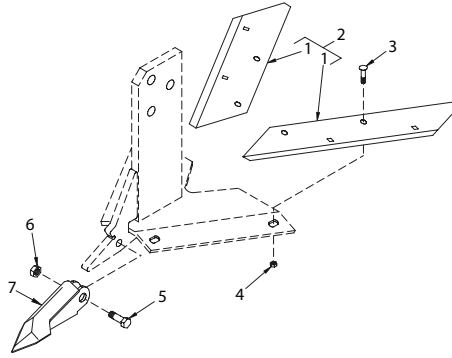
SECTION 5

OPTIONAL EQUIPMENT

PAGE 2	SWEEP SHARES ADJUSTABLE RIDGERS
PAGE 3	NH3 COIL SHANK & BRACKET ASSEMBLY NH3 DISC CLOSER ASSEMBLY
PAGE 4	COULTER SCRAPERS LIQUID FERTILIZER TUBE
PAGE 5-6	SINGLE LIFT ASSIST ASSEMBLY
PAGE 7	HYDRAULIC PLUMBING SINGLE LIFT ASSIST
PAGE 8	HYDRAULIC PLUMBING DUAL LIFT ASSIST
PAGE 9	TELESCOPING REAR HITCH (FOR SINGLE LIFT ASSIST)
PAGE 10	TELESCOPING REAR HITCH (FOR DUAL LIFT ASSIST)
PAGE 11	TELESCOPING REAR HITCH
PAGE 12-13	RIGID TOOLBAR MOUNTING ROLLING SHIELD AND ROTARY HOE WHEEL
PAGE 14-16	FOLDING TOOLBAR MOUNTING ROLLING SHIELD AND ROTARY HOE WHEEL
PAGE 17	ROLLING SHIELD & ROTARY HOE WHEEL
PAGE 18	CUT AWAY HOE SHIELD
PAGE 19	CUT AWAY HOE SHIELD AROUND TELESCOPING REAR HITCH
PAGE 20	CONCRETE BLOCKS DOWN PRESSURE SPRING ASSEMBLY
PAGE 21	VERTICAL WING FOLD STOP ASSEMBLY
PAGE 22	CUT AWAY DISC
PAGE 23	CAT #2 HITCH PIN WITHOUT QUICK HITCH
PAGE 24-25	TUNNEL SHIELD
PAGE 28	PLASTIC SHIELD
PAGE 27	CUTAWAY DISC SHIELD
PAGE 28	WARNING LIGHT KIT

SERIES 6000 ROW CULTIVATOR

SWEEP SHARES



DWG. NO. 2875

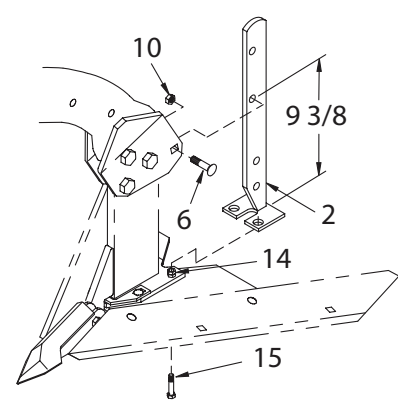
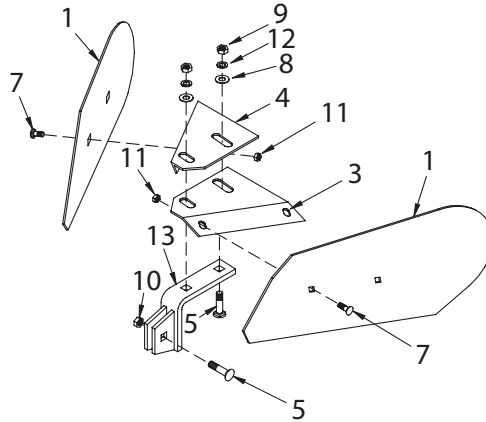
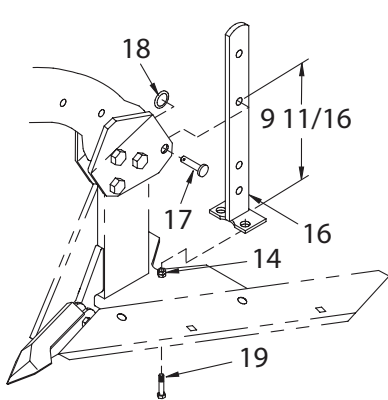
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1		*The Double Edge Shares Are Not Sold Separately. They Are Sold As A Two Row Set Which Contains:	2	5044-17	17 Inch HF Double Edge Shares-Two Row		
		4 Double Edge Shares. See Item 2 For Order No.	2	5044-19	19 Inch HF Double Edge Shares-Two Row		
2		Standard Harden Share	2	5044-21	21 Inch HF Double Edge Shares-Two Row		
	5033-15	15 Inch Double Edge Share	2	5044-25	25 inch HF Double Edge Shares-Two Row		
	5033-17	17 Inch Double Edge Share	2	5044-27	27 Inch HF Double Edge Shares-Two Row		
	5033-19	19 inch Double Edge Share		5044-33	33 Inch HF Double Edge Shares-Two Row		
	5033-21	21 Inch Double Edge Share		950-007-001	Plow Bolt 3/8-16 x 1		4
	5033-25	25 Inch Double Edge Share		951-005-003	Mac Lock Nut 3/8-16		4
	5033-27	27 Inch Double Edge Share		950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5		1
	5033-33	33 Inch Double Edge Share		10304	2-Way Lock Nut 1 1/2-13		1
		Hard Faces Shares		81004097	Point Weldment 6 1/4 Long		1
	5044-15	15 Inch HF Double Edge Share-One Row		81004425	Point Weldment 7 1/4 Long		1

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ADJUSTABLE RIDGERS

Serial No. Ending 101 Or Higher

Serial No. Ending 100

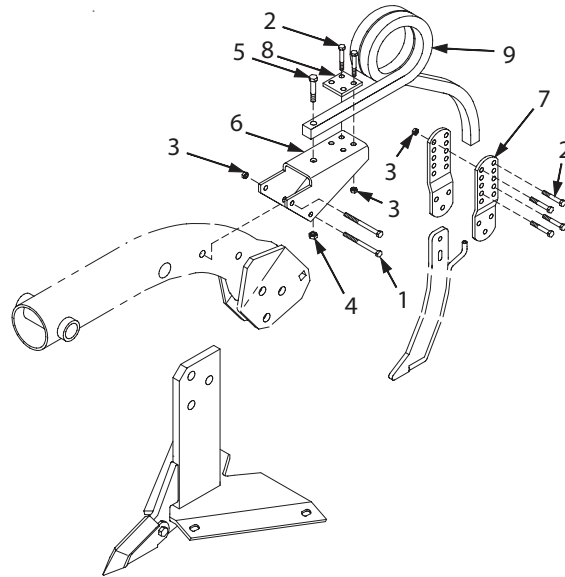


DWG. NO. 2857

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-002-124	Ridger Wings	2	13	81004143	Ridger Support Weldment	1
2	81004231	Support Weldment Serial No. 100	1	14	951-001-005	Hex Nut 3/8-16	2
3	810-002-125	LH Support	1	15	950-001-108	Hex Head Cap Screw 3/8-16 x 1 1/2 Gr. 5	2
4	810-002-126	RH Support	1	16	81004422	Support Weldment Ser. No. 101 or Higher	1
5	030-16132	Carriage Bolt 1/2-13 x 1 1/2 Gr. 5	3	17	81004499	Clevis Pin	1
6	950-003-025	Carriage Bolt 1/2-13 x 2 Gr. 5	1	18	81004500	Ring	1
7	030-16067	Carriage Bolt 3/8-16 x 3/4 Gr. 5	4	19	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	2
8	952-004-059	Flat Washer 9/16 x 1 3/4 x .250	2	81004125	Complete 6000 Ridger Option (2 Row Box) Serial No. 100		
9	951-001-007	Hex Nut 1/2-13	2	81004447	Complete 6000 Ridger Option (2 Row Box) Serial No. 101 or Higher		
10	10304	Lock Nut 1/2-13	2				
11	951-002-003	Whiz Lock Flange Nut 3/8-16	4				
12	952-001-004	Lock Washer 1/2 Inch	2				

SERIES 6000 ROW CULTIVATOR

NH3 COIL SHANK AND BRACKET ASSEMBLY

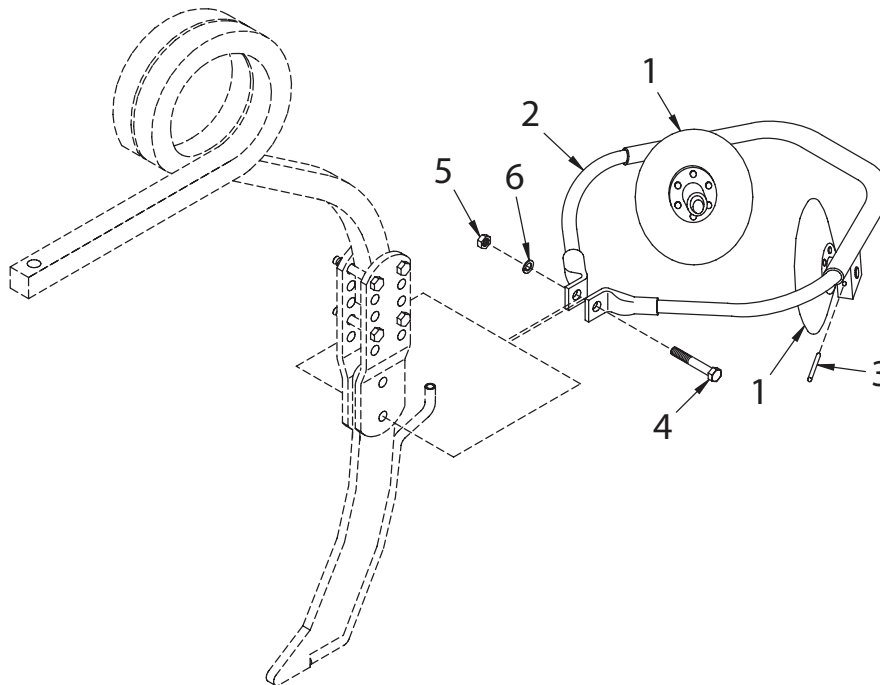


DWG. NO. 2881

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	950-001-284	Hex Head Cap Screw 1/2-13 x 4 3/4 Gr. 5	2	6	81004490	Saddle Bracket Weldment	1
2	950-001-159	Hex Head Cap Screw 1/2-13 x 2 1/2 Gr. 5	8	7	81004228	Side Plate	2
3	10304	2-Way Lock Nut 1/2-13	8	8	81004489	Top Plate	1
4	951-005-044	2-Way Lock Nut 5/8-11	1	9	81004108	Coil Shank	1
5	950-001-147	Hex Head Cap Screw 5/8-11 x 2 1/2 Gr. 5	1		81004113	Complete Coil Shank W/Mount Bracket (1 Row)	

5

NH3 DISC CLOSER ASSEMBLY



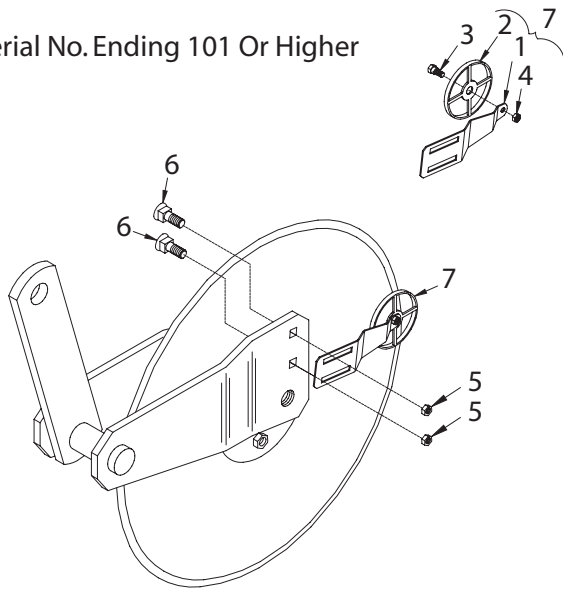
DWG. NO. 2876

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004122	Disc Assembly	2	5	951-001-007	Hex Nut 1/2-13	1
2	81004132	Cable Tube Weldment	1	6	952-001-004	Lock Washer 1/2 Inch	1
3	953-003-003	Spring Pin	2		81004120	Complete Anhydrous Disc Closer Assembly	
4	950-001-293	Hex Hed Cap Screw 1/2-13 x 2 1/2 Gr. 8	1				

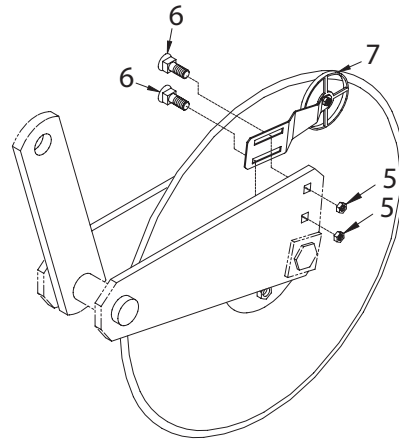
SERIES 6000 ROW CULTIVATOR

COULTER SCRAPER

Serial No. Ending 101 Or Higher



Serial No. Ending 100

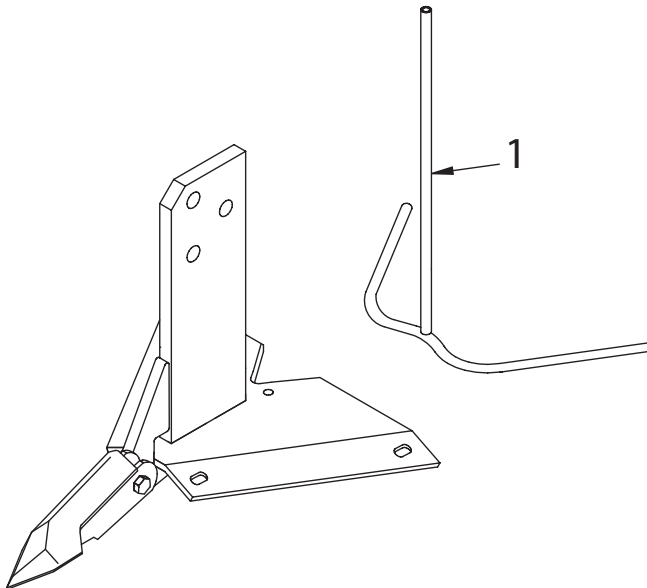


DWG. NO. 2882

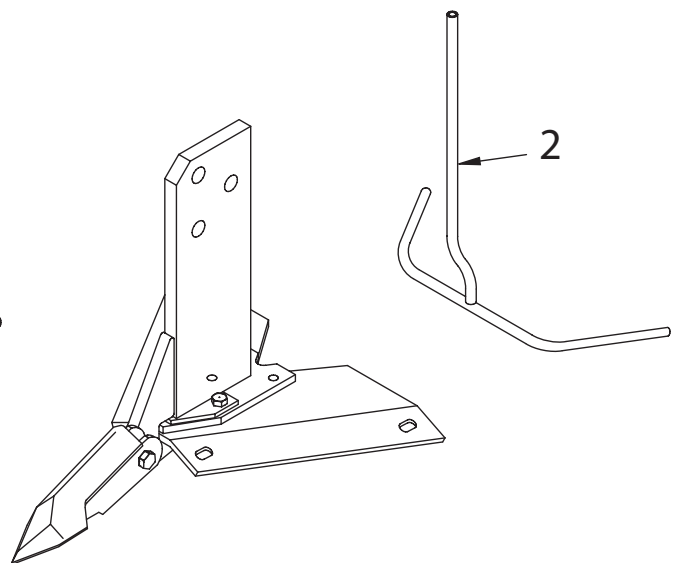
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004114	Flat Spring	2	5	951-005-003	Lock Nut 3/8-16	4
2	81004115	Rotary Scraper	2	6	950-003-024	Carriage Bolt 3/8-16 x 3/4 Gr. 5	4
3	950-006-002	Hex Head Shoulder Bolt 5/16-18 x 5/8	2	7	81004121	Rotary Scraper Assembly	2
4	951-005-064	2-Way Lock Nut 5/16-18	2		81004118	Complete Rotary Scraper Assembly (1 Row)	

LIQUID FERTILIZER TUBE

Serial No. Ending 101 Or Higher



Serial No. Ending 100

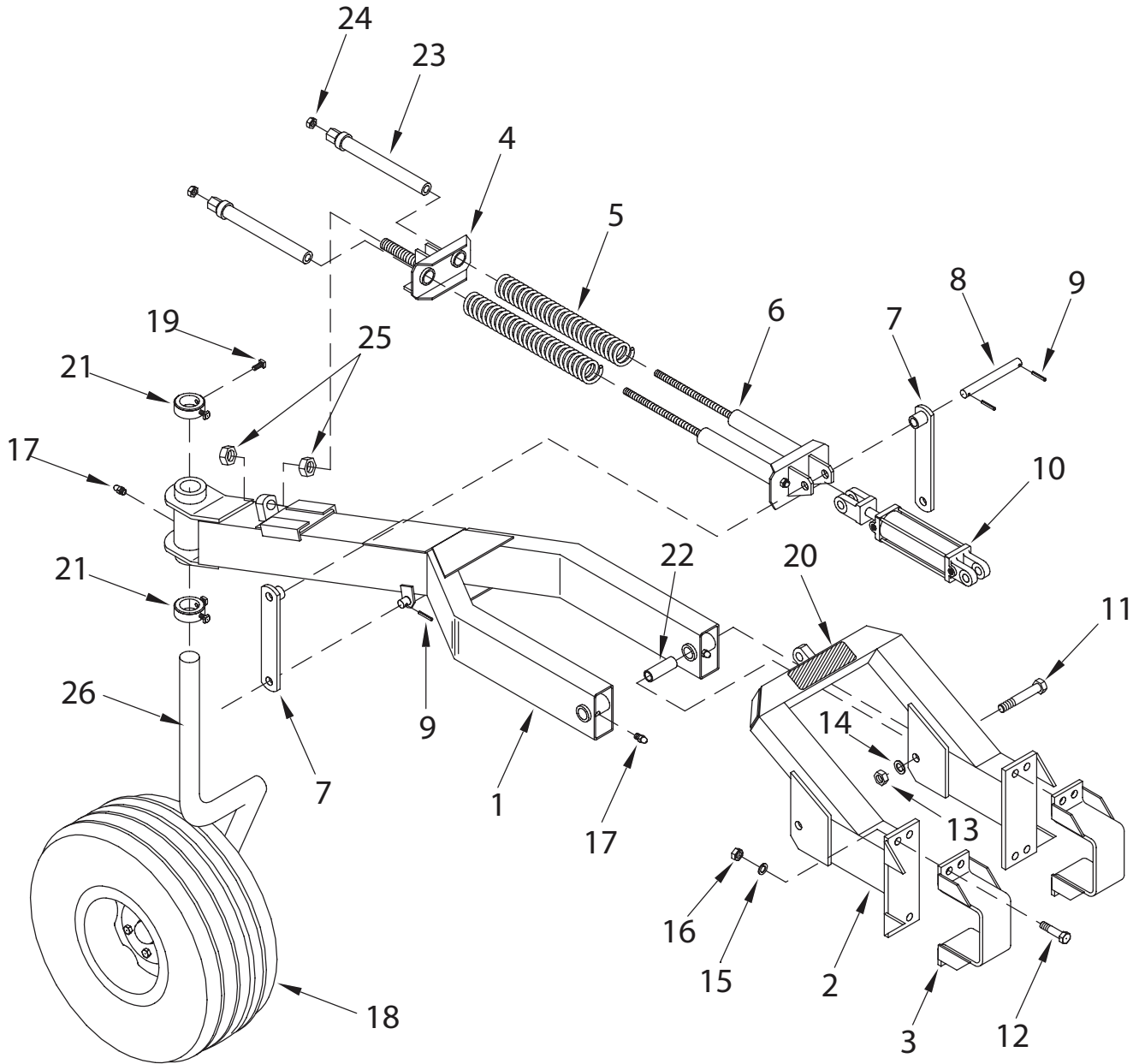


DWG. NO. 2877

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004446	Fertilizer Tube Weldment With Instruction Sheet	1	2	81004119	Liquid Fertilizer Tube Assembly With Instruction Sheet	1

SERIES 6000 ROW CULTIVATOR

SINGLE LIFT ASSIST ASSEMBLY



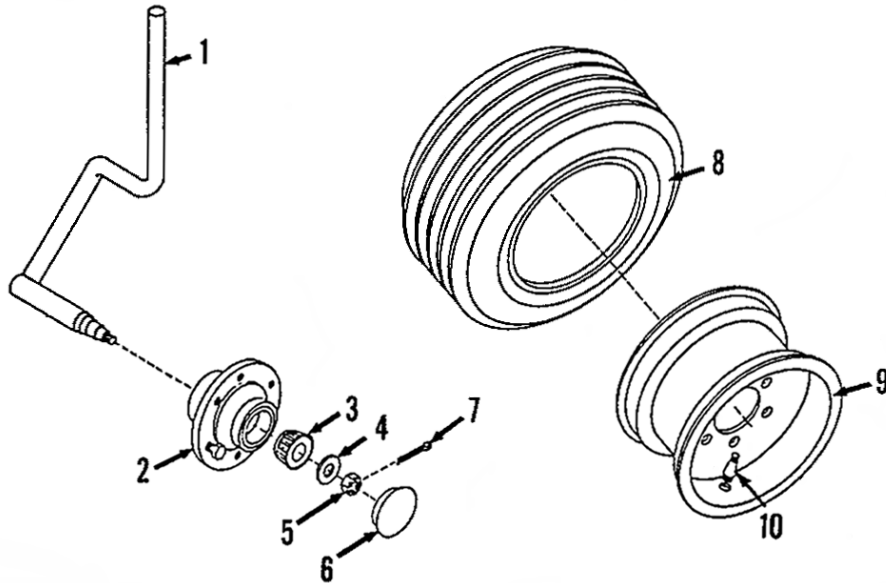
DWG. NO. 2883

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81002664	Rear Mast Weldment	1	14	952-001-009	Lock Washer 1 Inch	2
2	81004203	Front Mast Weldment	1	15	952-001-008	Lock Washer 7/8 Inch	8
3	81004153	Mount Strap Weldment	2	16	951-001-010	Hex Nut 7/8-9	8
4	81002661	Rear Guide Weldment	1	17	955-001-001	Grease Fitting	3
5	880-001-071	Compression Spring	2	18	850-001-568	Tire And Rim Assembly 9.5L x 15 (See Sec. 5 Pg. 6)	1
6	81002660	Front Guide Weldment	1	19	950-008-009	Square Head Set Screw 1/2-13 x 1	4
7	81002647	Link Arm Weldment	2	20	81002607	Caution Decal	1
8	81002648	Cylinder Arm Pin	1	21	805-001-105	Stern Collar	1
9	953-003-017	Spring Pin 5/16 x 2	4	22	810-002-188	Sleeve	2
10	81004503	Hydraulic Cylinder 3 x 8 (See Sec. 3 Page 8)	1	23	81002655	Spring Guide Weld	2
11	950-001-186	Hex Head Cap Screw 1-8 x 6 Gr. 5	2	24	034-05173	Uni-Torque Lock Nut 3/4-10	2
12	950-001.168	Hex Head Cap Screw Fits 7 x 7	8	25	951-001-022	Hex Nut 1 1/4-7	2
	950-001-210	Hex Head Cap Screw 7/8 x 10 Gr. 5 Fits Twin 5 x 7	8	26		Caster Stem Spindle And Hub Ass'y (See Sec. 5 Pg. 6)	2
13	951-001-024	Hex Nut 1-8	2	6013		Complete Single Lift Assist	

SEC 5

SERIES 6000 ROW CULTIVATOR

HUB AND SPINDLE/TIRE AND RIM

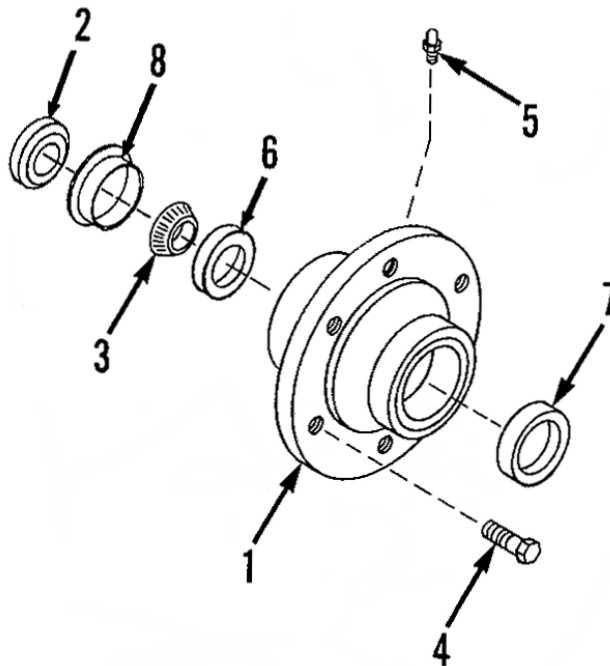


DWG. NO. 3014

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	805-001-096	Axle Weldment	1	6	850-001-155	Hub Cap	1
2		Hub Sub-Assembly (See Below)	1	7	953-001-017	Cotter Pin 5/32 x 1 1/2	1
3	850-001-153	Outer Bearing Cone LM 67048	1	8	850-001-004	Tire-6 Ply 9.5L x 15"	1
4	802-000-007	Washer	1	9	850-001-093	Rim-6 Bolt 8 LB. x 15"	1
5	951-005-002	Slotted Nut 7/8-14 UNF	1	10	850-001-396	Tire Valve	1

5
SECS

HUB SUB-ASSEMBLY

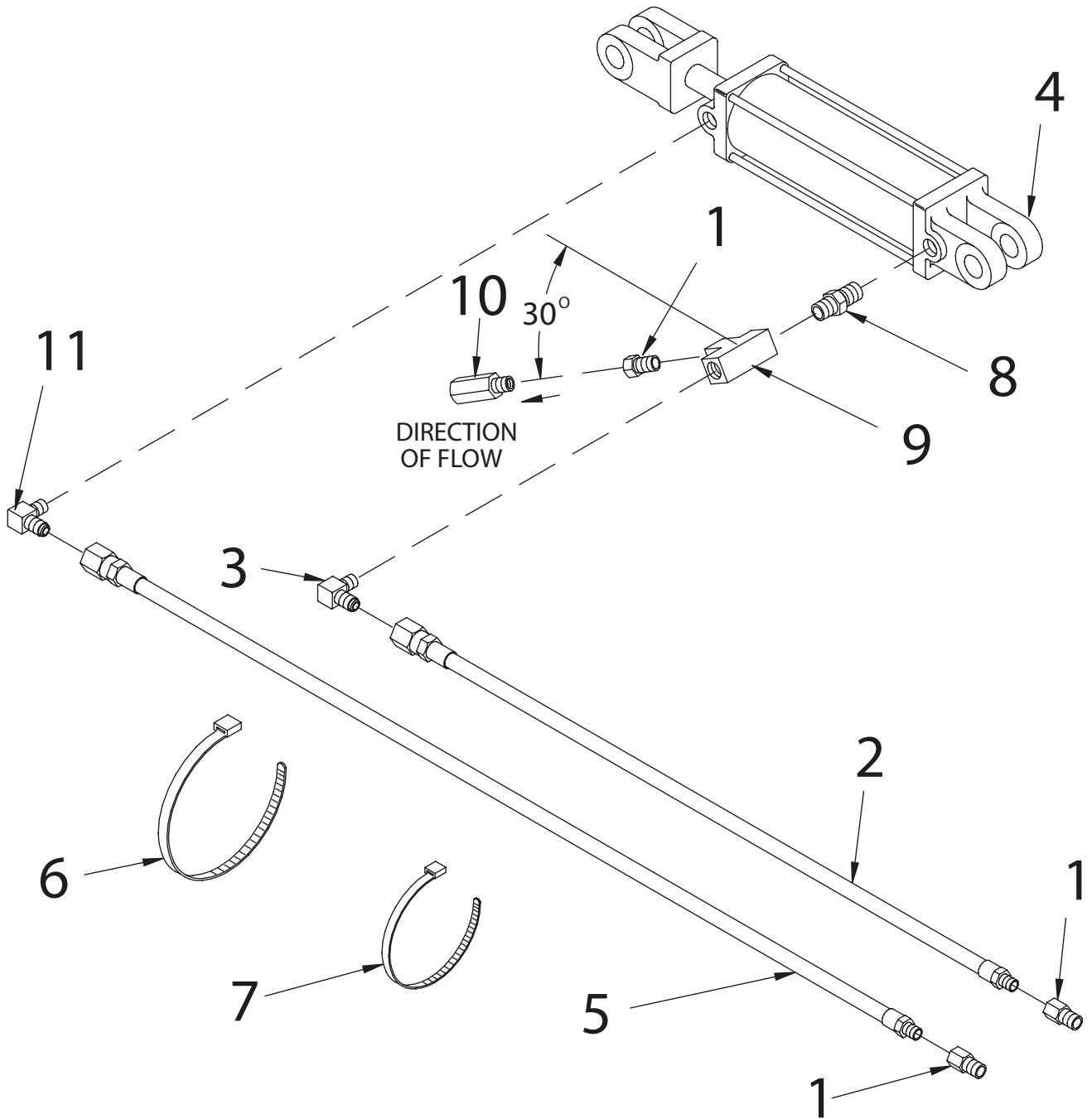


DWG. NO. 1698

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	850-001-157	Hub Assembly W/Bearing Cups	1	5	955-001-001	Grease Fitting	1
2	850-001-164	Seal Triple Lip C/R #16286	1	6	850-001-159	Inner Bearing Cup JL 69310	1
3	850-001-154	Inner Bearing Cone JL69349	1	7	850-001-158	Outer Bearing Cup LM 67010	1
4	950-011-006	Wheel Bolt 1/2 x 1	6	8	850-001-555	Wear Sleeve	1

SERIES 6000 ROW CULTIVATOR

HYDRAULIC PLUMBING SINGLE LIFT ASSIST WHEEL



SEC 5

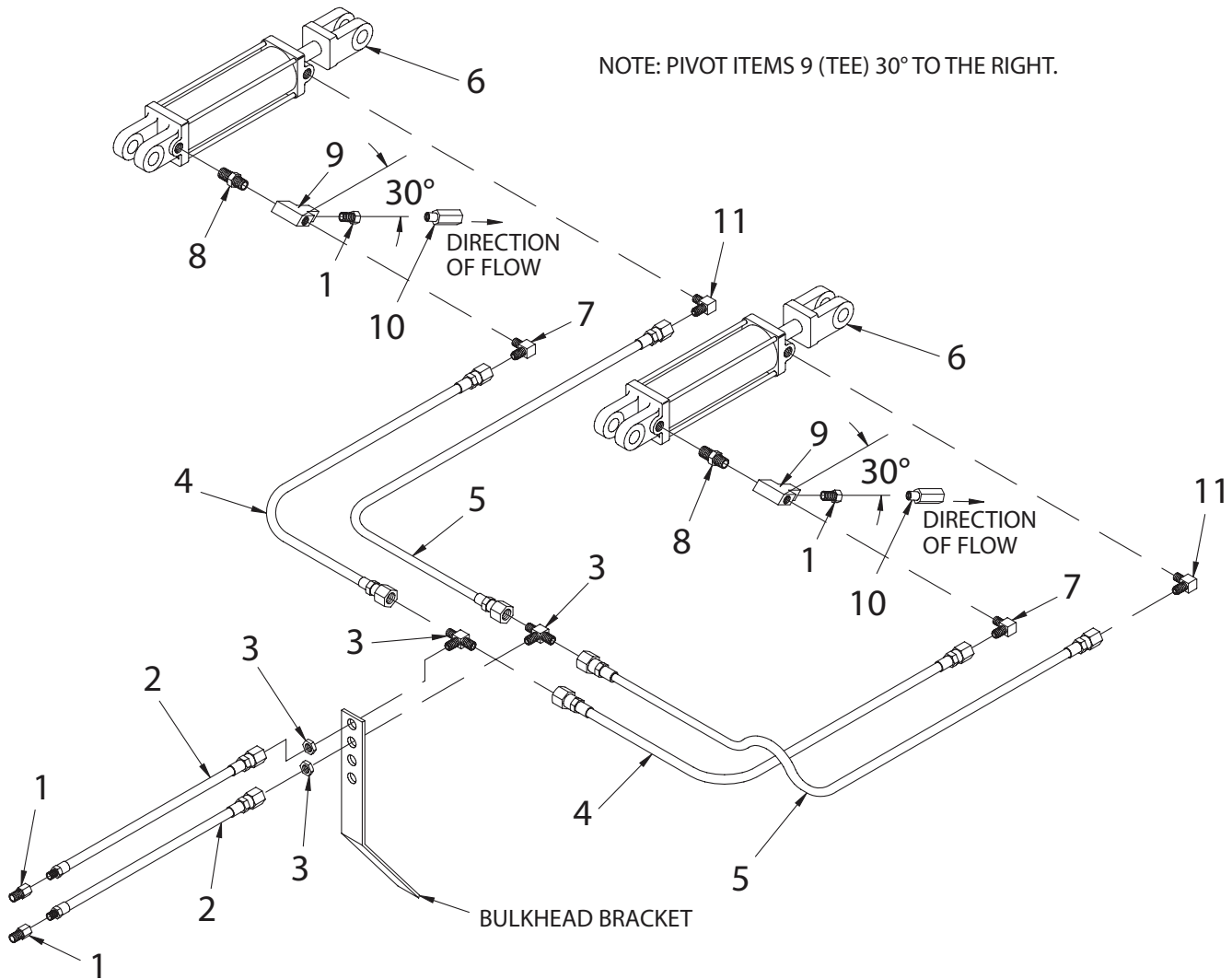
DWG. NO. 2861A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	956-004-002	Reducer Bushing 1/2-14 MNPT To 3/8-18 FNPT	3	7	921-001-144	Plastic Cable Tie 14 Inches Long	3
2	957-002-015	Hose Assembly 3/4 x 108 Inch Long	1	8	956-003-020	Straight Adapter 3/4-16 O-Ring To 1/2-14 MNPT	1
3	956-005-003	Elbow 90° 1/2-14 MNPT To 9/16-18 Male 37° JIC	1	9	956-007-002	Tee 1/2-14 FNPT	1
4	81004503	Cylinder 3 x 8, 3/4-16 O-Ring Ports (See Sec. 3 Pg. 8)	1	10	956-008-022	Relief Valve 3/8-18 FNPT	1
5	957-002-016	Hose Assembly 3/8 x 126 Inch Long	1	11	956-005-001	Elbow 90° 3/4-16 O-Ring To 9/16-18 Male 37° JIC	1
6	921-001-145	Plastic Cable Tie 21 Inches Long	3				

SERIES 6000 ROW CULTIVATOR

HYDRAULIC PLUMBING DUAL LIFT ASSIST

NOTE: PIVOT ITEMS 9 (TEE) 30° TO THE RIGHT.



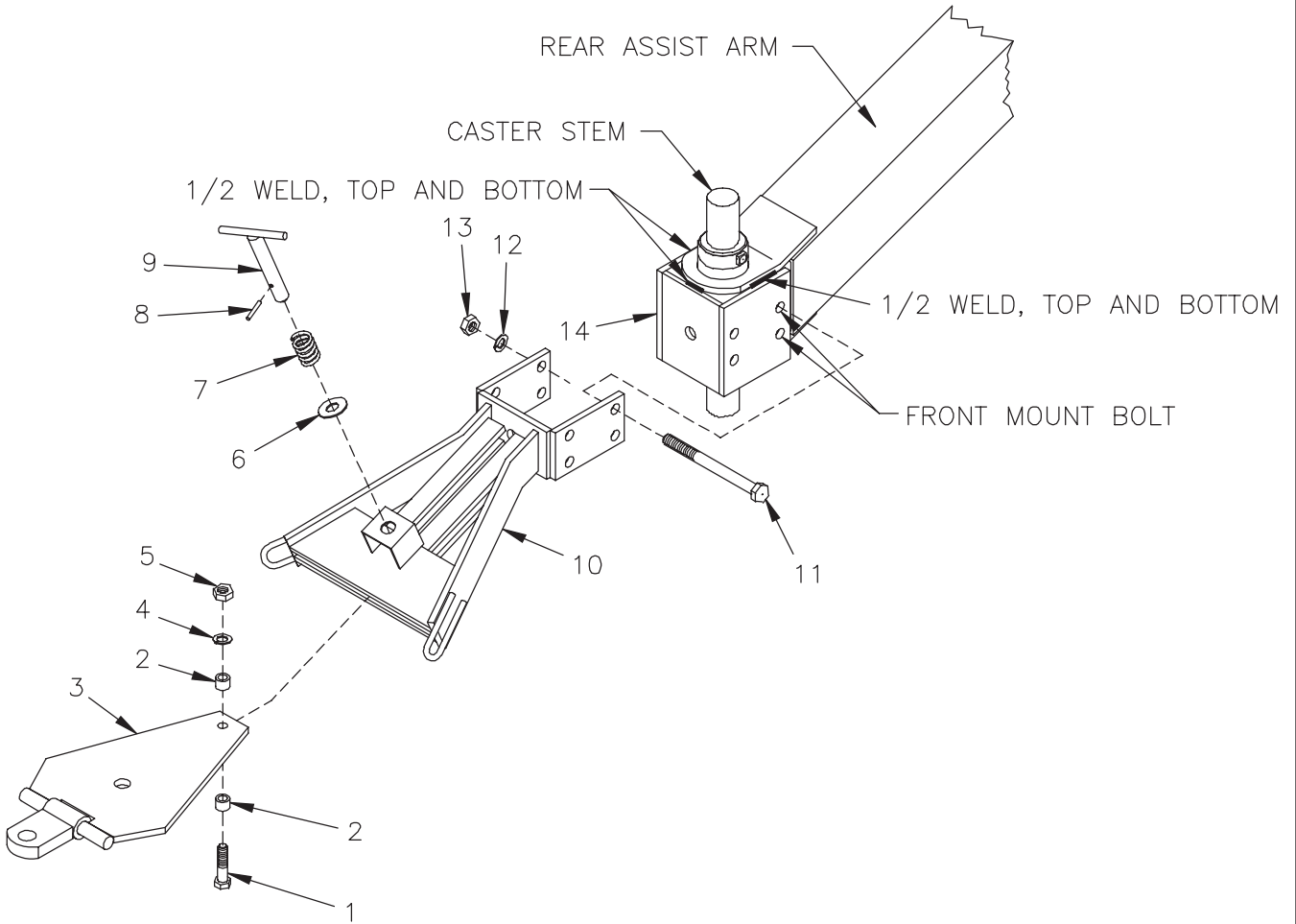
DWG. NO. 2925

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	956-004-002	Reducer Bushing 1/2-14 MNPT To 3/8-18 FNPT	4	7	956-005-003	Elbow 90° 1/2-14 MNPT To 9/16-18 Male 37° JIC	2
2	957-002-014	Hose Assembly 3/8 x 48 Inches Long	2	8	956-003-020	Straight Adapter 1/2 MNPT To 3/4 Male ORB	2
3	956-007-003	Bulkhead Tee 9/16-18 Male 37° JIC To 9/16-18 Male 37° JIC On Run 9/16-18 Male 37° JIC Bulkhead On Bracket	2	9	956-007-002	Street Tee 1/2 FNPT	2
4	957-001-017	Hose Assembly 3/8 x 72 Inches Long	2	10	956-008-022	Relief Valve 3/8 FNPT	2
5	957-001-058	Hose Assembly 3/8 x 82 Inches Long	2	11	956-005-001	Elbow 90° 3/4-16 Male ORB To 9/16-18 Male 37° JIC	2
6	81004503	Stroke Cylinder 3 Inch Diameter x 8 Inch With 3/4-16 O-Ring Port (See Sec. 3 Page 8)	2				

SEC 5

SERIES 6000 ROW CULTIVATOR

TELESCOPING REAR HITCH (FOR SINGLE LIFT ASSIST)



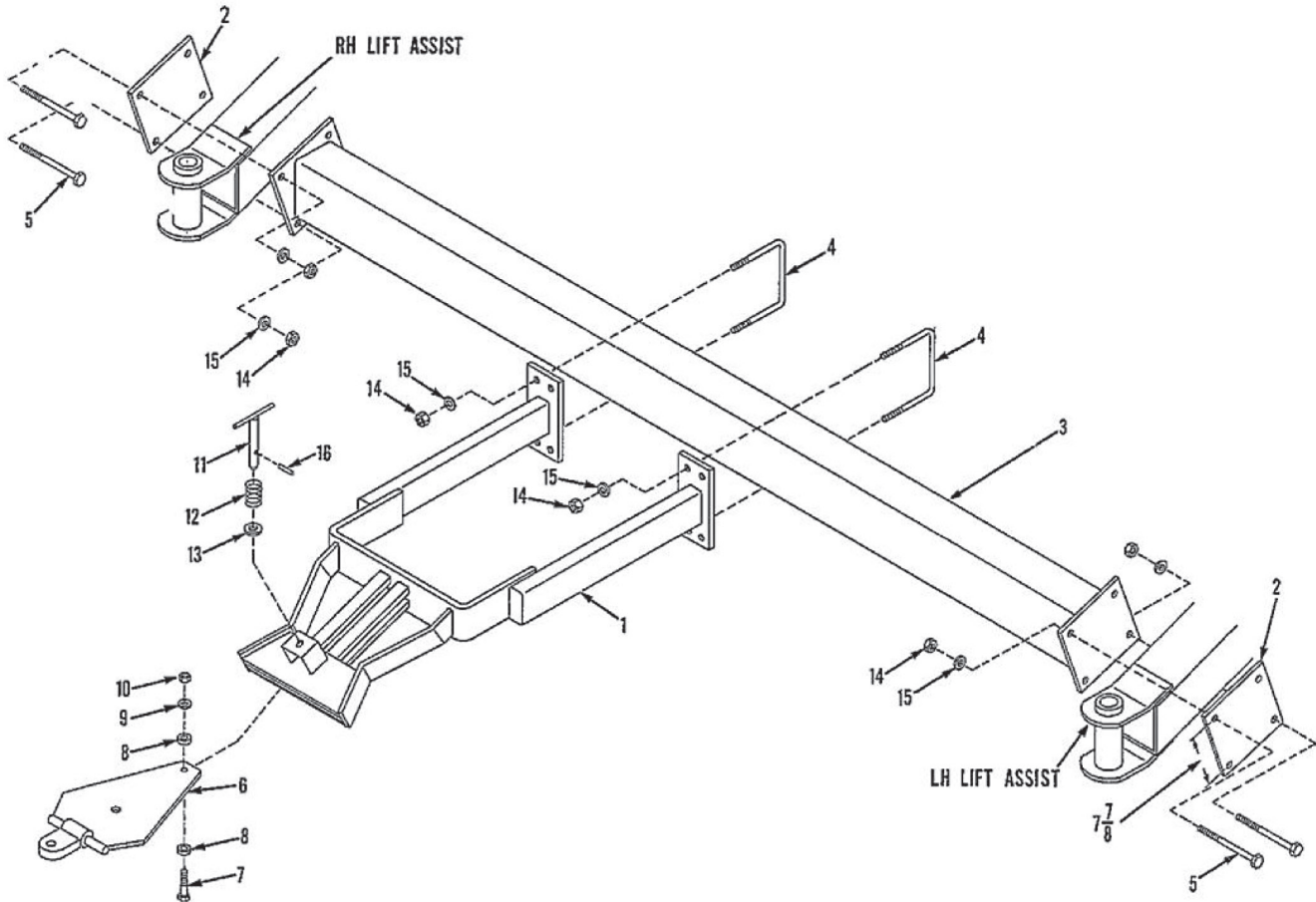
SECTION 5

DWG. NO. 1051

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	950-001-141	Hex Head Cap Screw 5/8-11 x 3	1	9	810-001-522	Handle Weldment	1
2	810-001-526	Collar	2	10	810-001-580	Anhydrous Hitch Weldment	1
3	810-001-518	Hitch Plate Weldment	1	11	950-001-151	Hex Head Cap Screw 3/4-10 x 9 Gr. 5	4
4	952-001-005	Lock Washer 5/8 Inch	1	12	952-001-006	Lock Washer 3/4 Inch	4
5	951-001-008	Hex Nut 5/8-11	1	13	951-001-009	Hex Nut 3/4-10	4
6	952-002-010	Flat Washer 1 Inch	1	14	810-001-578	Mount Weldment	1
7	810-001-527	Spring	1		6314	Complete Anhydrous Hitch Assembly	
8	953-003-003	Spring Pin 1/4 x 1 3/4	1				

SERIES 6000 ROW CULTIVATOR

TELESCOPING REAR HITCH (WITH DUAL LIFT ASSIST)

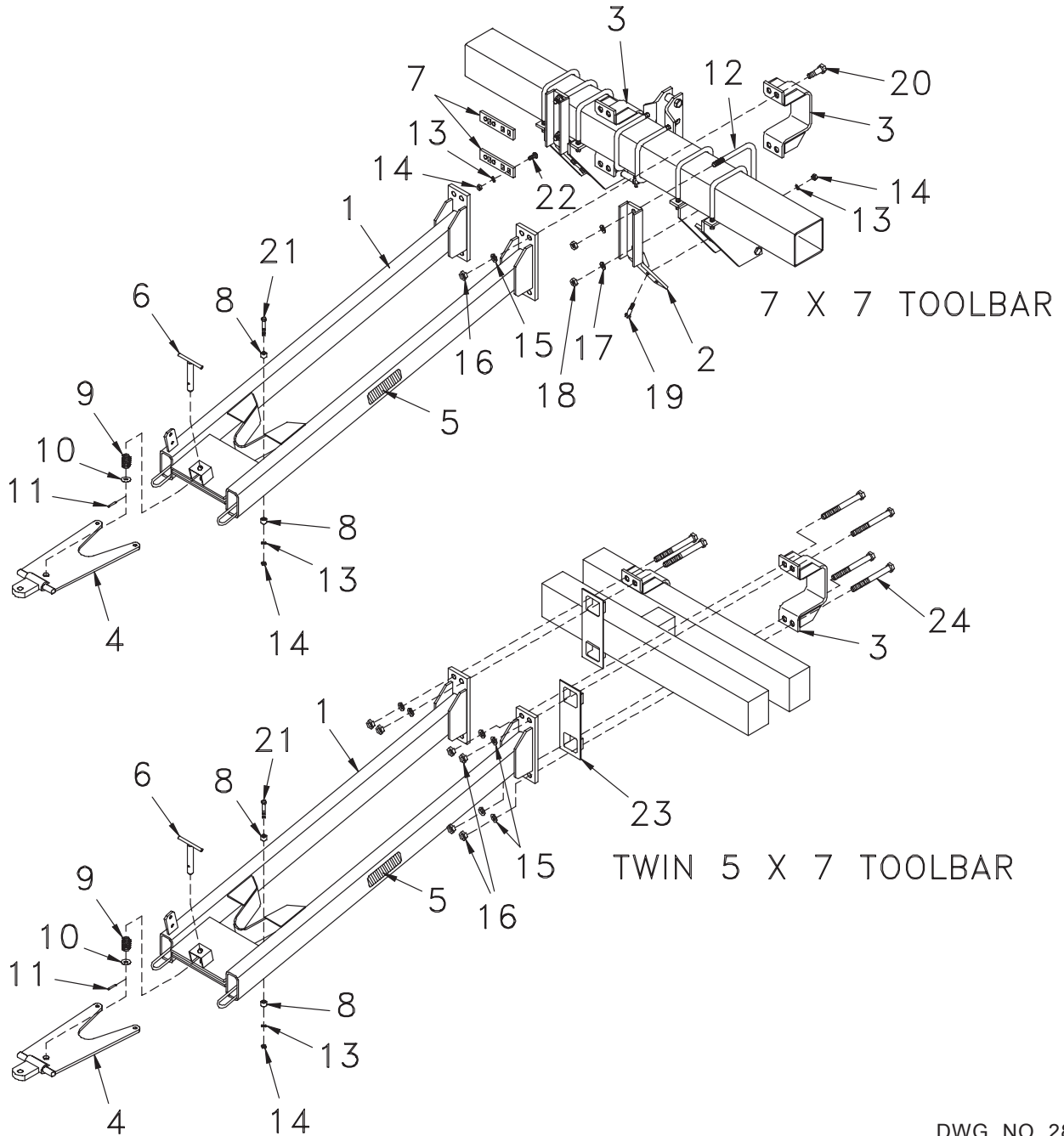


DWG. NO. 1667

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-001-206	Anhydrous Hitch Weldment	1	10	951-001-008	Hex Nut 5/8-11	1
2	810-002-334	Mount Plate	2	11	810-001-522	Handle Weldment	1
3	810-002-328	Cross Tube	1	12	810-001-527	Spring	1
4	875-001-035	U-Bolt 3/4	4	13	952-002-010	Flat Washer 1 Inch	1
5	950-001-229	Hex Bolt 3/4-10 x 8 Gr. 5	8	14	951-001-009	Hex Nut 3/4-10	16
6	810-001-518	Hitch Plate Weldment	1	15	952-001-006	Lock Washer 3/4	16
7	950-001-008	Hex Bolt 5/8-11 x 3 Gr. 5	1	16	953-003-003	Spring Pin 1/4 x 1-3/4	1
8	810-001-526	Collar	2		5025	Complete Anhydrous Hitch Assembly	
9	952-001-005	Lock Washer 5/8 Inch	1				

SERIES 6000 ROW CULTIVATOR

TELESCOPING REAR HITCH

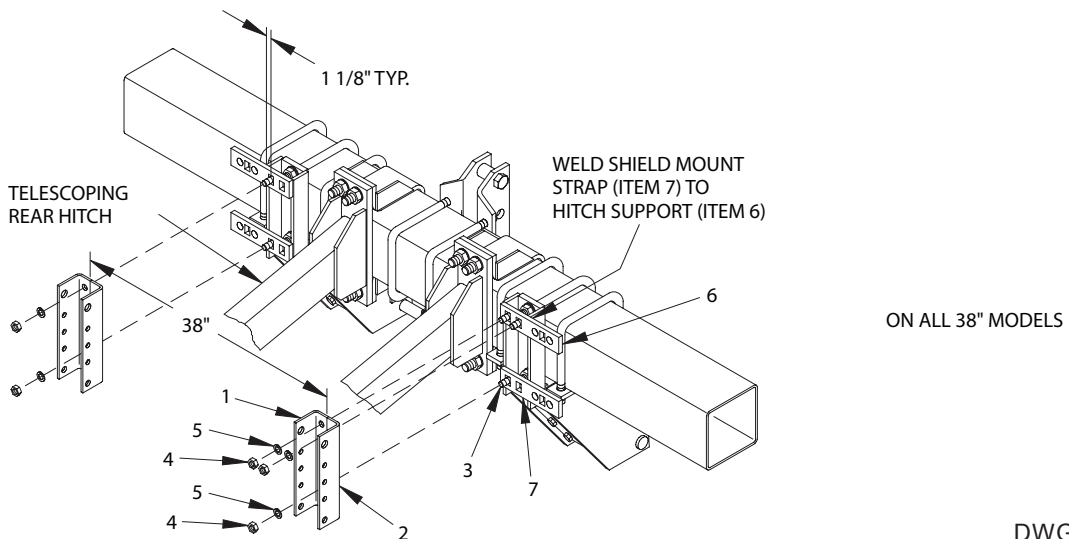
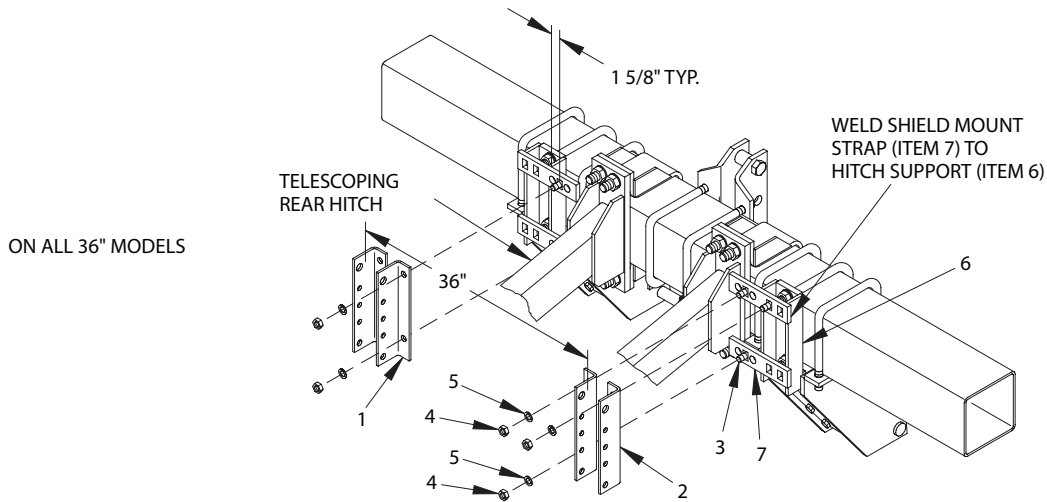
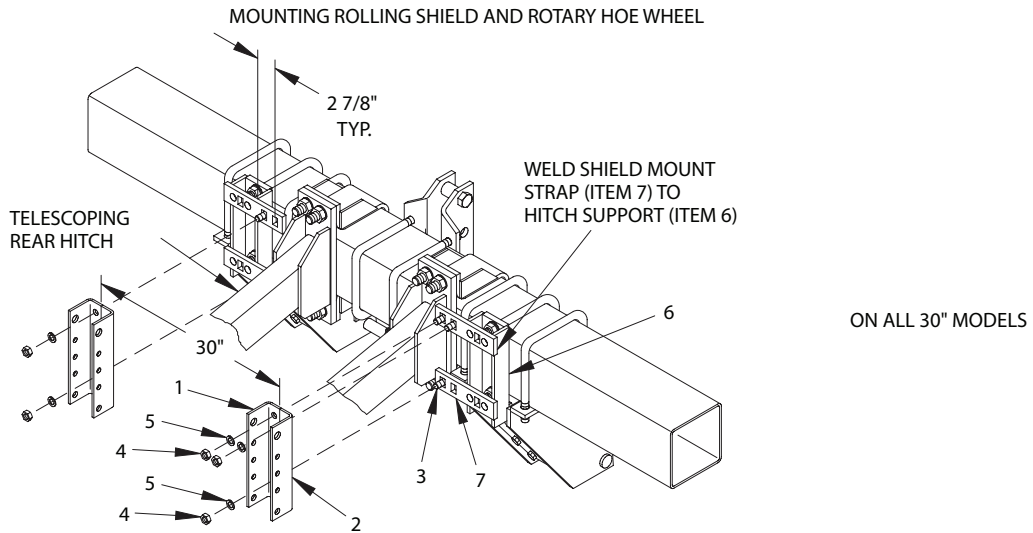


DWG. NO. 2862

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004163	Hitch Weldment	1	13	952-001-005	Lock Washer 5/8 Inch	2
2	810-002-212	Support Weldment	2	14	951-001-008	Hex Nut 5/8-11	14
3	81004153	Mount Strap Weldment	2	15	952-001-008	Lock Washer 7/8 Inch	14
4	81004161	Hitch Plate Weldment	1	16	951-001-010	Hex Nut 7/8-9	8
5	81004136	Decal	2	17	952-001-006	Lock Washer 3/4 inch	8
6	810-001-522	Handle Weldment	1	18	951-001-009	Hex Nut 3/4-10	4
7	810-001-551	Shield Mount Strap (Used With Rotary Hoe Wheel And Rolling Shields)	4	19	950-001-147	Hex Head Cap Screw 5/8-11 x 2 1/2 Gr. 5	4
8	810-001-526	Collar	4	20	950-001-168	Hex Head Cap Screw 7/8-9 x 3 Gr. 5	8
9	810-001-527	Spring	1	21	950-001-141	Hex Head Cap Screw 5/8-11 x 3 Gr. 5	2
10	952-002-010	Flat Washer 1 Inch	1	22	950-003-021	Carriage Bolt 5/8-11 x 1 1/4 Gr. 2	8
11	953-003-003	Spring Pin 1/4 x 1 3/4	1	23	81004690	Lock Plate	2
12	875-001-038	U-Bolt	1	24	950-001-210	Hex Head Cap Screw 7/8-9 x 10 Gr. 5	8
					81004116	Complete Hitch Assembly	

SERIES 6000 ROW CULTIVATOR

RIGID TOOLBAR MOUNTING ALL SERIAL NO. MODELS



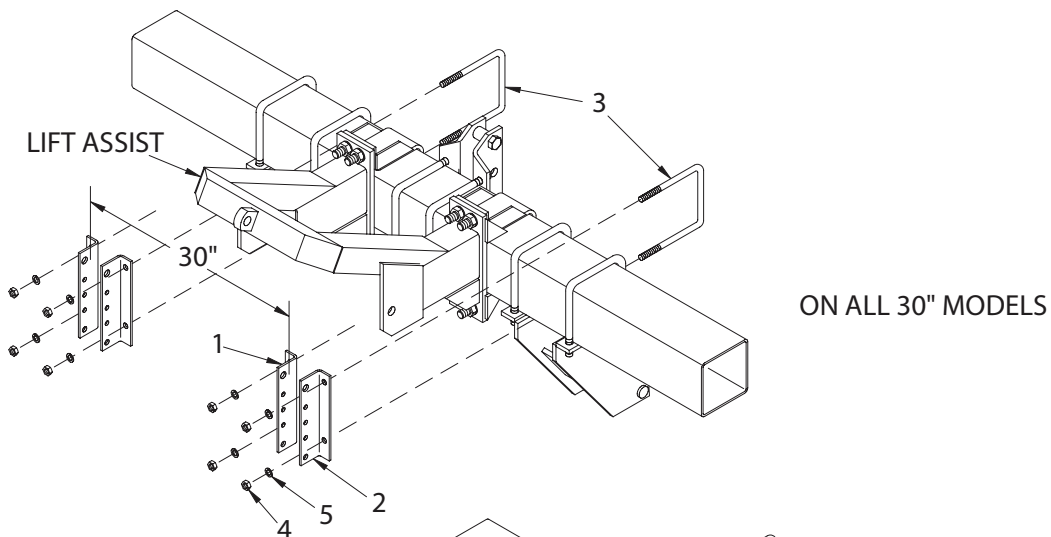
DWG. NO. 2888

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-002-363	LH Mount Bracket	2	5	952-001-005	Lock Washer 5/8 Inch	8
2	810-002-364	RH Mount Bracket	2	6	810-002-212	Hitch Support Weldment	2
3	950-003-021	Carriage Bolt 5/8-11 x 1 1/4	8	7	810-001-551	Shield Mount Strap	4
4	951-001-008	Hex Nut 5/8-11	8				

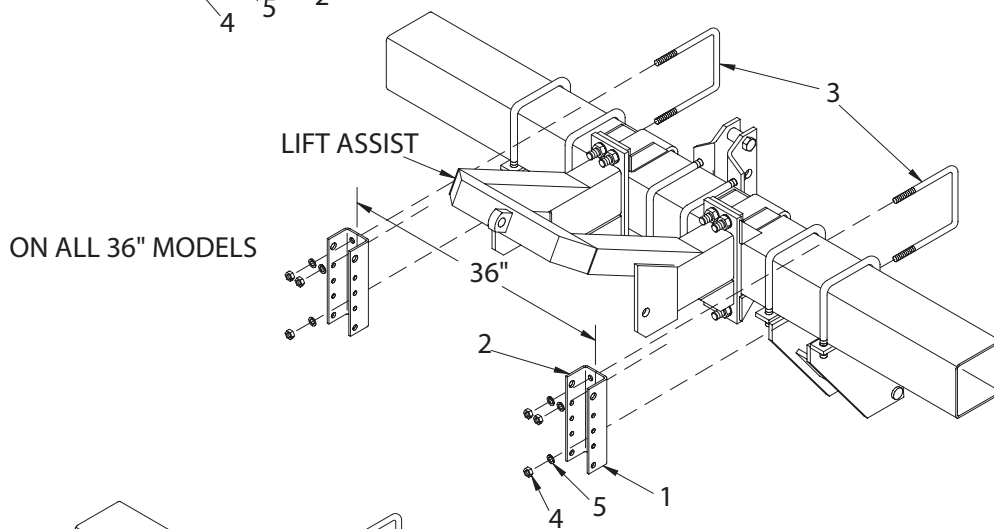
SERIES 6000 ROW CULTIVATOR

RIGID TOOLBAR MOUNTING ALL SERIAL NO. MODELS

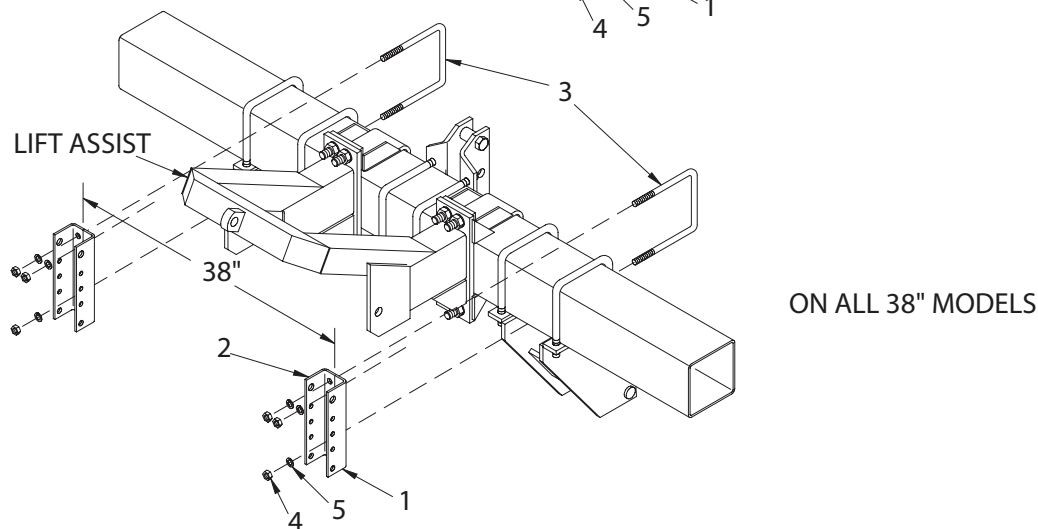
MOUNTING ROLLING SHIELD AND ROTARY HOE WHEEL



ON ALL 30" MODELS



ON ALL 36" MODELS



ON ALL 38" MODELS

DWG. NO. 2889

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-002-364	RH Mount Bracket	2	4	951-001-008	Hex Nut 5/8-11	8
2	810-002-363	LH Mount Bracket	2	5	952-001-005	Lock Washer 5/8 Inch	8
3	805-001-332	Center U-Bolt 5/8 x 7 5/8	4				

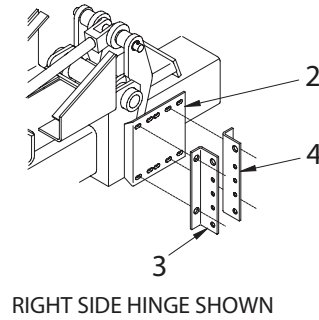
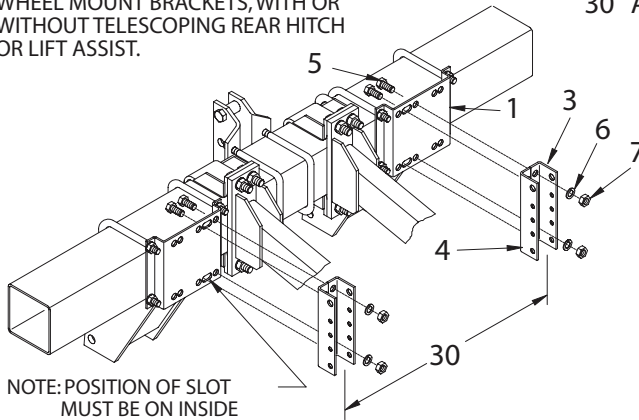
SERIES 6000 ROW CULTIVATOR

RIGID TOOLBAR MOUNTING FOLDING TOOLBAR MOUNTING 8/30, 8/36-38, 12/30 SERIAL NO. ENDING 100

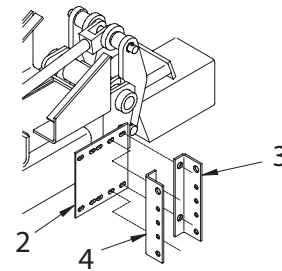
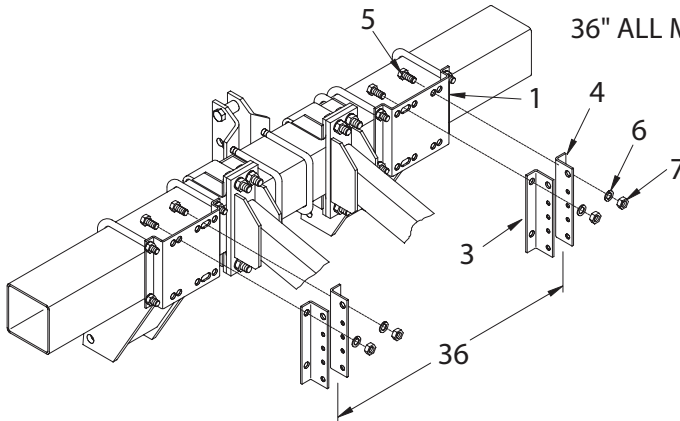
MOUNTING ROLLING SHIELD AND ROTARY HOE WHEEL

ROLLING SHIELDS & ROTARY HOE
WHEEL MOUNT BRACKETS, WITH OR
WITHOUT TELESCOPING REAR HITCH
OR LIFT ASSIST.

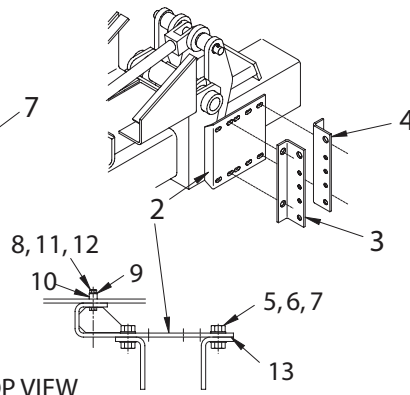
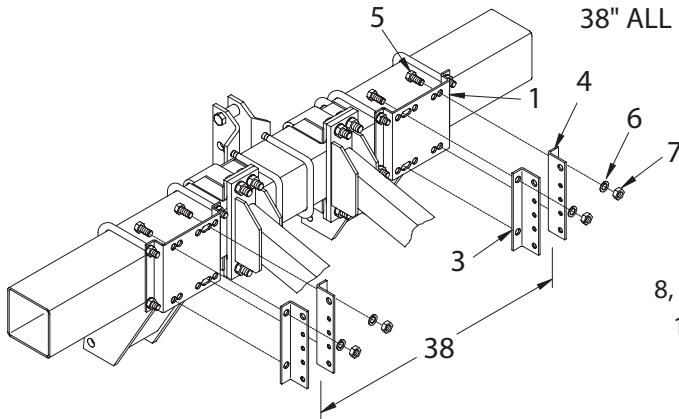
30" ALL MODELS



36" ALL MODELS



38" ALL MODELS



DWG. NO. 2868

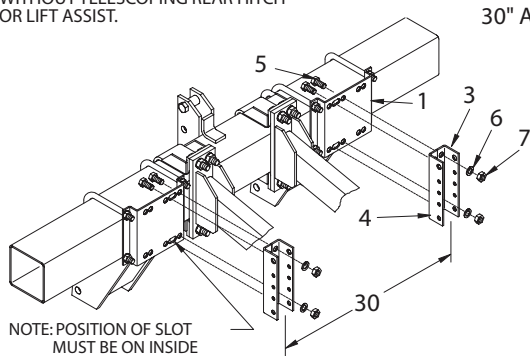
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-002-310	Mount Plate	2	9	952-002-008	Flat Washer 3/4 Inch	2
2	810-002-311	Mount Bracket Weldment	2	10	810-002-421	Bushing	2
3	810-002-364	RH Mount Bracket	A/R	11	952-001-006	Lock Washer 3/4 Inch	4
4	810-002-363	LH Mount Bracket	A/R	12	951-001-009	Hex Nut 3/4-10	4
5	950-001-087	Hex Head Cap Screw 5/8-11 x 1-1/2	16	13	805-001-329	Spacers	A/R
6	952-001-005	Lock Washer 5/8	A/R	* NOTE: Spacers Used To Align Shields Over The Row			
7	951-001-008	Hex Nut 5/8-11	A/R				
8	950-001-029	Hex Head Cap Screw 3/4-10 x 1-3/4 Gr. 5	4				

SEC 5

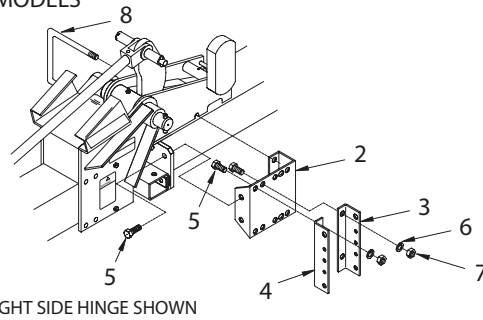
SERIES 6000 ROW CULTIVATOR

RIGID TOOLBAR MOUNTING FOLDING TOOLBAR MOUNTING 8/30, 8/36-38, 12/30 SERIAL NO. ENDING 101 OR HIGHER

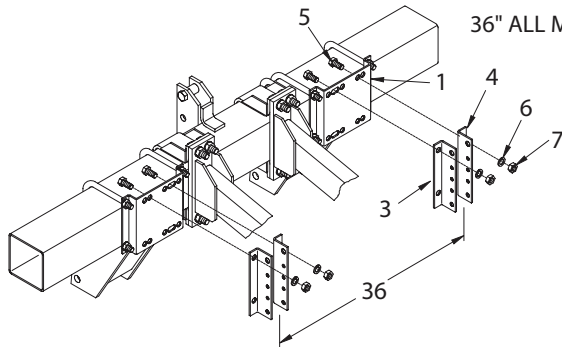
ROLLING SHIELDS & ROTARY HOE
WHEEL MOUNT BRACKETS, WITH OR
WITHOUT TELESCOPING REAR HITCH
OR LIFT ASSIST.



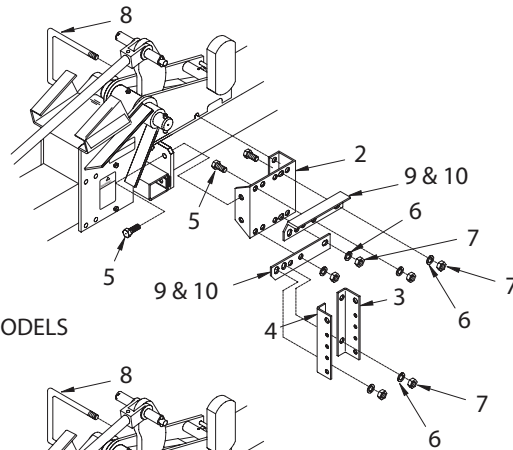
30" ALL MODELS



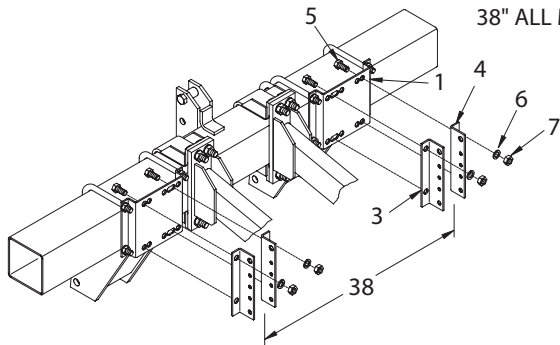
RIGHT SIDE HINGE SHOWN



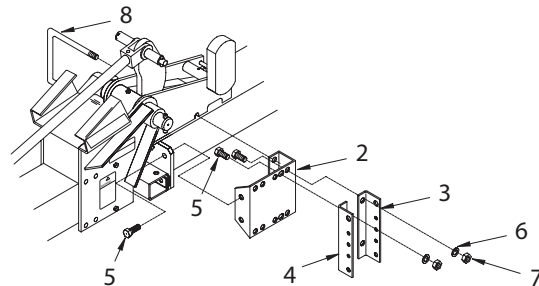
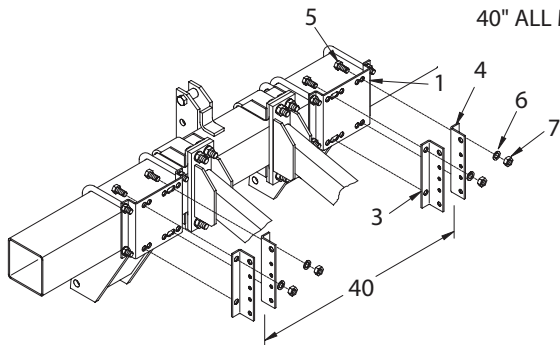
36" ALL MODELS



38" ALL MODELS



40" ALL MODELS



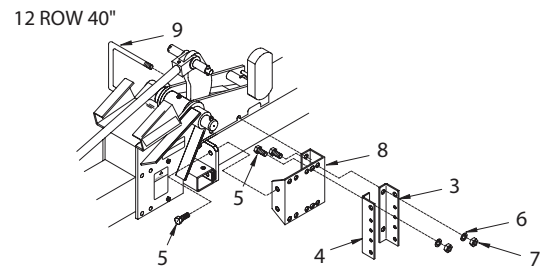
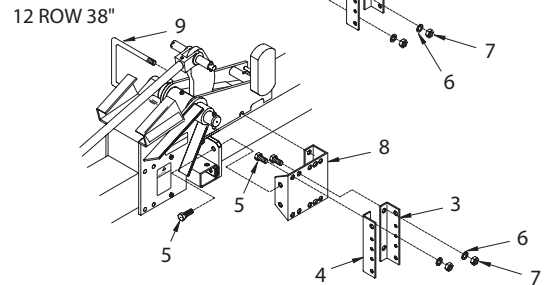
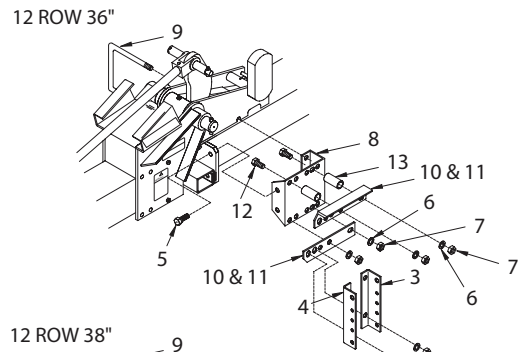
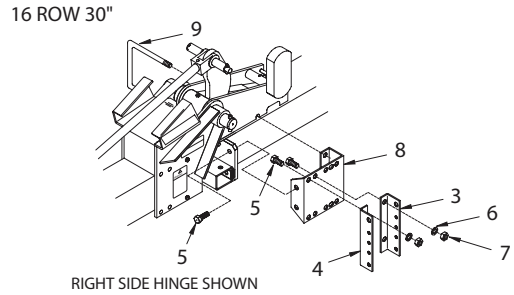
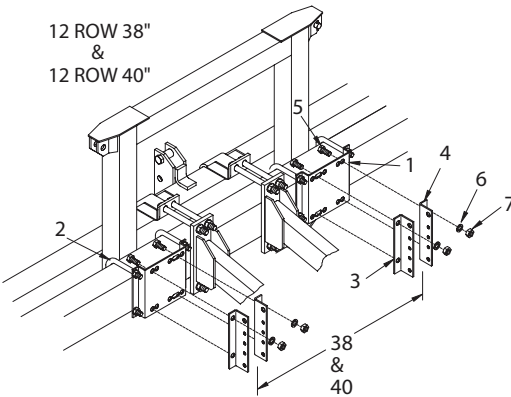
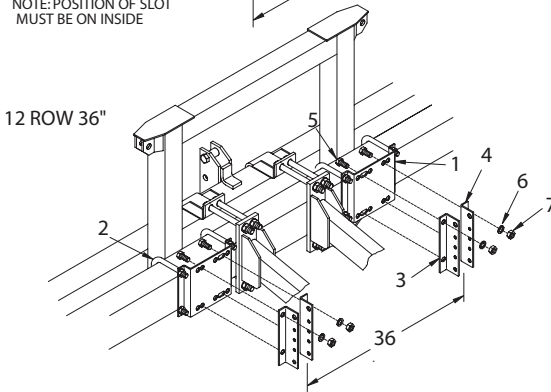
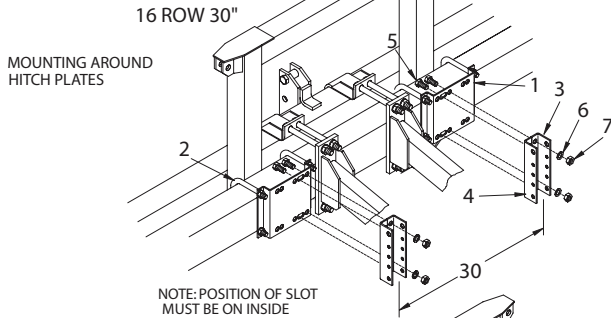
DWG. NO. 2974

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-002-310	Mount Plate	2	6	952-001-005	Lock Washer 5/8 Inch	A/R
2	81004288	Mount Bracket	2	7	951-001-008	Hex Nut 5/8-11	A/R
3	810-002-364	RH Mount Bracket	A/R	8	805-001-332	U-Bolt 5/8 x 7 5/8	2
4	810-002-363	LH Mount Bracket	A/R	9	81004335	RH Angle (Right Side Wing)	2
5	950-001-087	Hex Head Cap Screw 5/8-11 x 1 1/2	18	10	81004336	LH Angle (Left Side Wing)	2

SERIES 6000 ROW CULTIVATOR

FOLDING TOOLBAR MOUNTING ROLLING SHIELD AND ROTARY HOE WHEEL 12/36-38,12140, 16/30 SERIAL NO. ENDING IN 100 AND HIGHER

ROLLING SHIELDS & ROTARY HOE
WHEEL MOUNT BRACKETS, WITH OR
WITHOUT TELESCOPING REAR HITCH
OR LIFT ASSIST.

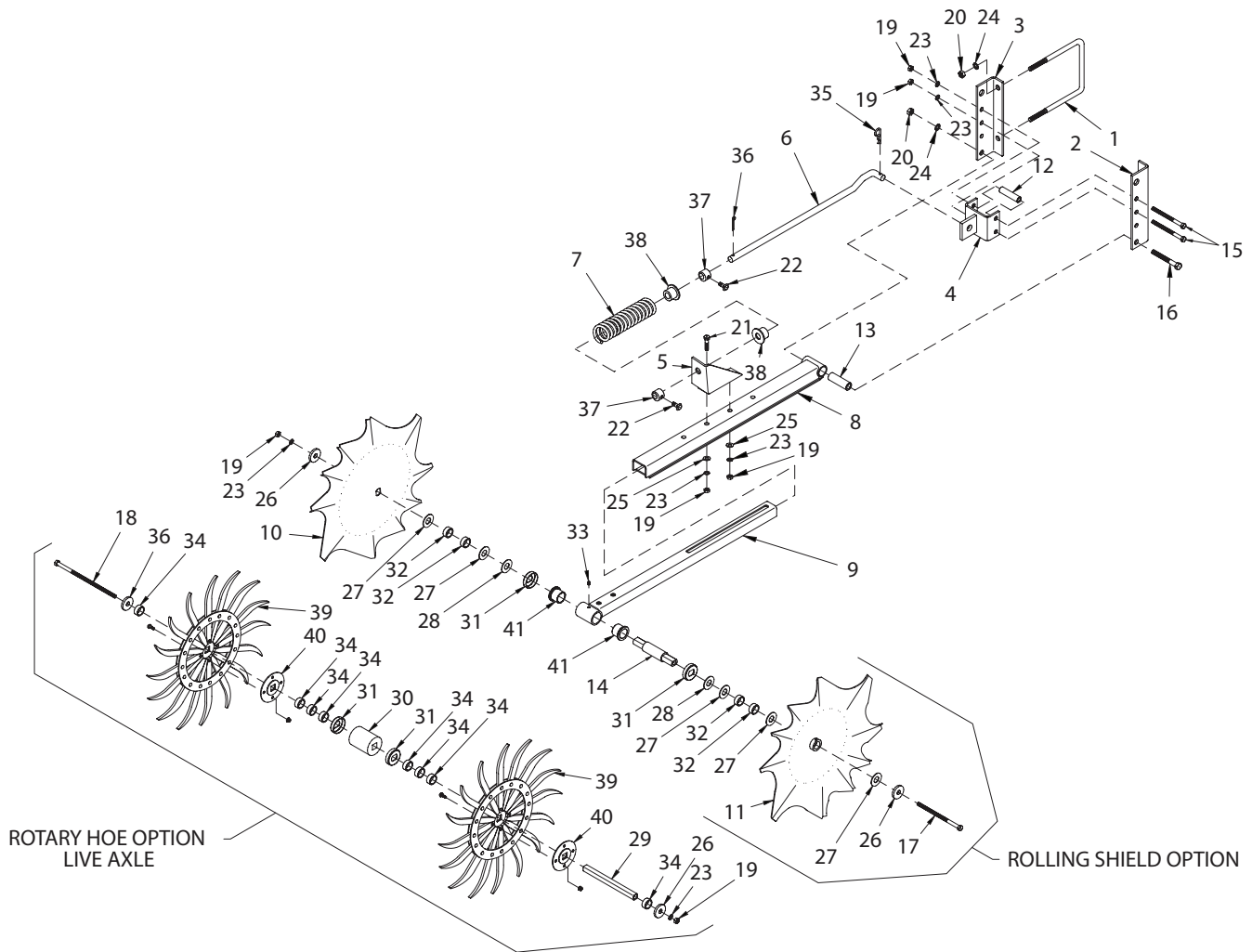


DWG. NO. 2926

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-002-310	Mount Plate	2	8	81004288	Mount Bracket	2
2	81003020	5/8 U-Bolt	A/R	9	805-001-332	U-Bolt 5/8 x 7 5/8	2
3	810-002-364	RH Mount Bracket	A/R	10	81004335	RH Angle (Right Side Wing)	2
4	810-002-363	LH Mount Bracket	A/R	11	81004336	LH Angle (Left Side Wing)	2
5	950-001-087	Hex Bolt 5/8-11 x 1 1/2	A/R	12	950-001-147	Hex Head Cap Screw 5/8-11 x 2 1/2	8
6	952-001-005	Lock Washer 5/8 Inch	A/R	13	81004317	Spacer	8
7	951-001-008	Hex Nut 5/8-11	A/R				

SERIES 6000 ROW CULTIVATOR

ROLLING SHIELD AND ROTARY HOE WHEEL

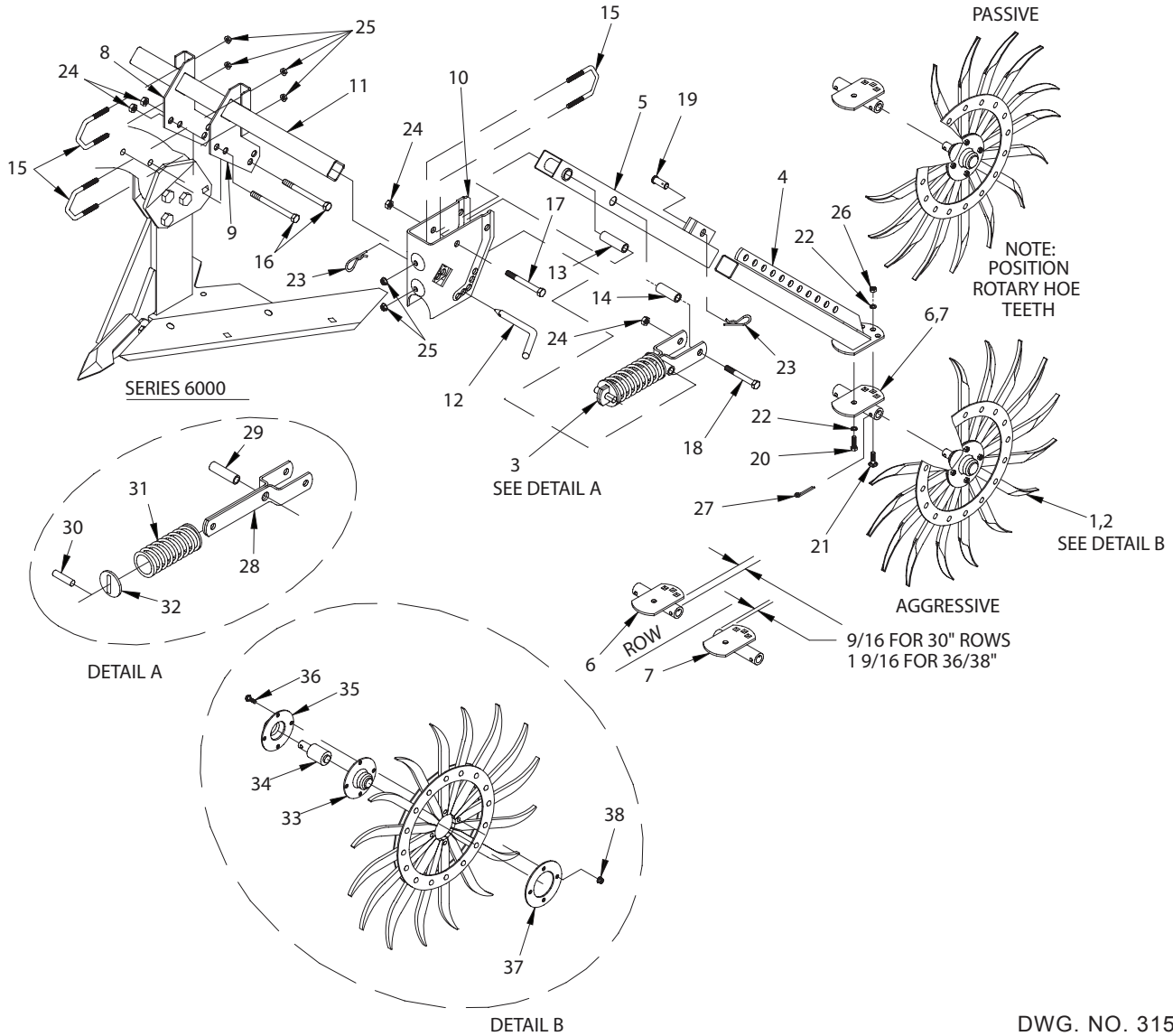


DWG. NO. 1855

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	805-001-332	U-Bolt 5/8 x 7 5/8 Inch Center	2	21	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	2
2	810-002-364	Right Mount Bracket	1	22	950-008-008	Square Head Set Screw 1/2-13 x 3/4	2
3	810-002-363	Left Mount Bracket	1	23	952-001-004	Lock Washer 1/2 Inch	5
4	810-001-487	Bracket Weldment	1	24	952-001-005	Lock Washer 5/8 Inch	5
5	810-001-497	Spring Bracket	1	25	952-002-005	Flat Washer 1/2 Inch	2
6	810-001-500	Rod	1	26	952-004-059	Flat Washer 9/16 x 1 3/4 x .250	2
7	850-002-403	Compression Spring	1	27	952-002-010	Flat Washer 1 Inch (Rolling Shield Option Only)	5
8	810-002-357	Outer Channel Weldment	1	28	952-003-005	Flat Washer 1 Inch SAE (Rolling Shield Option Only)	2
9	810-001-179	Inner Channel Assembly (Includes Items 33 & 41)	1	29	810-002-462	Axle Tube (Rotary Hoe Option Only)	1
10	810-001-499	Left Rolling Shield Weldment	1	30	810-002-461	Sleeve Axle Bearing (Rotary Hoe Option Only)	1
11	810-001-498	Right Rolling Shield Weldment	1	31	515-301-012	Dust Cap	2
12	810-001-490	Spacer	2	32	810-001-591	Spacer (Rolling Shield Option Only)	4
13	810-002-361	Tube	1	33	955-001-002	Grease Fitting 1/4-28 UNF	1
14	810-001-590	Axle (Rolling Shield Only)	1	34	810-002-463	Axle Spacer (Rotary Hoe Option Only)	8
15	950-001-060	Hex Head Cap Screw 1/2-13 x 5 Gr. 5	2	35	953.005.002	Hair Pin Cotter .178 x 3 9/16	1
16	950-001-131	Hex Head Cap Screw 5/8-11 x 4 1/2 Gr. 5	1	36	953.001-010	Cotter Pin 1/4 x 1 1/2	1
17	950-001-259	Hex Head Cap Screw 1/2-13 x 7 Gr. 5 (Rolling Shield Option Only)	1	37	828-001-005	Lock Collar	2
18	950-001-274	Hex Head Cap Screw 1/2-13 x 10 Gr. 5 (Rolling Shield Option Only)	1	38	810-001-493	Spring Cap Weldment	2
19	951-001-007	Hex Nut 1/2-13	5	39	810-002-467	Wheel Assembly With Washer Weldment	2
20	951-001-008	Hex Nut 5/8-11	5	40	810-002-466	Washer Weldment (Service Replacement Part)	4
				41	515-301-004	Bronze Bearing	2

SERIES 6000 ROW CULTIVATOR

CUTAWAY HOE SHIELD

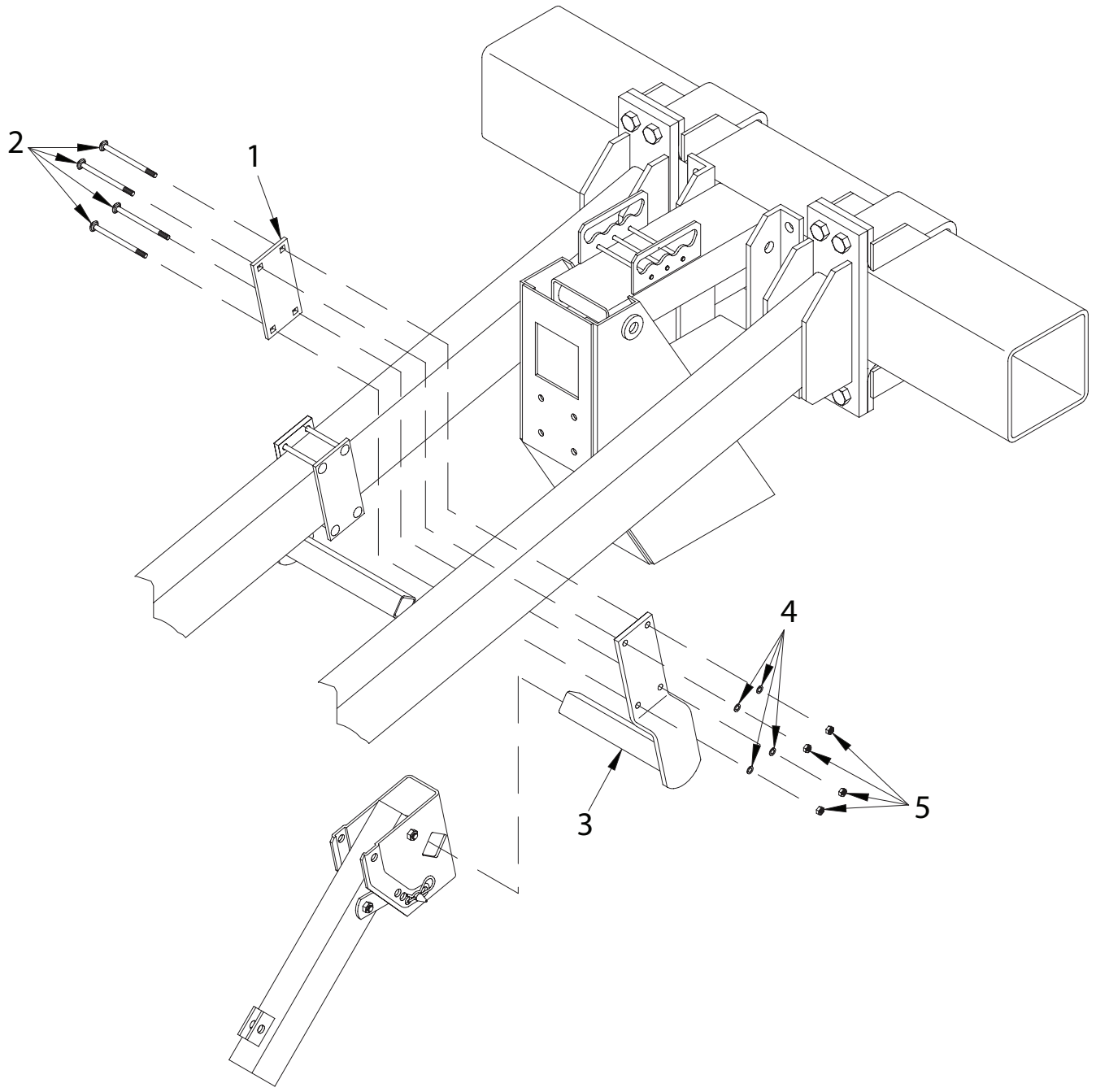


DWG. NO. 3155

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004573	RH Wheel Assembly	1	20	950-003-029	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	2
2	81004574	LH Wheel Assembly	1	21	952-001-007	Carriage Bolt 3/8-16 x 1 Gr. 5	2
3	81004578	Spring Assembly	2	22	951-001-007	Lock Washer 3/8 Inch Med Split SAE	4
4	81004649	Inner Mount Tube Weldment	2	23	953-003-001	Hair Pin .120 x 2 3/8	4
5	81004652	Tube Weldment	2	24	10304	Lock Nut 1/2-13	6
6	81004583	RH Bottom Plate Weldment	1	25	951-002-003	Hex Flanged Whiz Lock Nut 3/8-16	8
7	81004584	LH Bottom Plate Weldment	1	26	951-001-005	Hex Nut 3/8-16	2
8	81004654	RH Mount Plate	1	27	035-42064	Cotter Pin 1/4 x 1 3/4	2
9	81004653	LH Mount Plate	1	28	81004581	Guide Strap	2
10	81004569	Mounting Channel	2	29	81003538	Spacer 2 11/16 Long	1
	81004582	Mount Tube (22" Narrow Row)	1	30	953-003-019	Spring Pin 1/2 x 2	1
11	81004650	Mount Tube (28" Wide Row)	1	31	81004078	Compression Spring	1
12	81004549	Pin	2	32	81004570	Washer	2
13	81004571	Inner Tube 2 7/16 Long	2	33	81004217	Hub Flange	1
14	81004577	Spacer 2 1/16 Long	2	34	81004333	Shaft Bearing	1
15	81004572	Diagonal U-Bolt	4	35	81004216	Hub Flange With Hole	1
16	950-001-126	Hex Head Cap Screw 1/2-13 x 4 1/2 Gr. 5	2	36	950-002-007	Hex Head Flanged Whiz Lock Bolt 5/16-18 x 1	4
17	950-001-075	Hex Head Cap Screw 1/2-13 x 3 1/2 Gr. 5	2	37	81004565	Disc Wheel Cover	1
18	950-003-034	Hex Head Cap Screw 1/2-13 x 3 Gr. 5	2	38	951-002-002	Hex Flanged Whiz Lock Nut 5/16-18	4
19	950-001-105	Clevis Pin 1/2 x 1 1/4	2				

SERIES 6000 ROW CULTIVATOR

**CUTAWAY HOE SHIELD AROUND
TELESCOPING REAR HITCH**



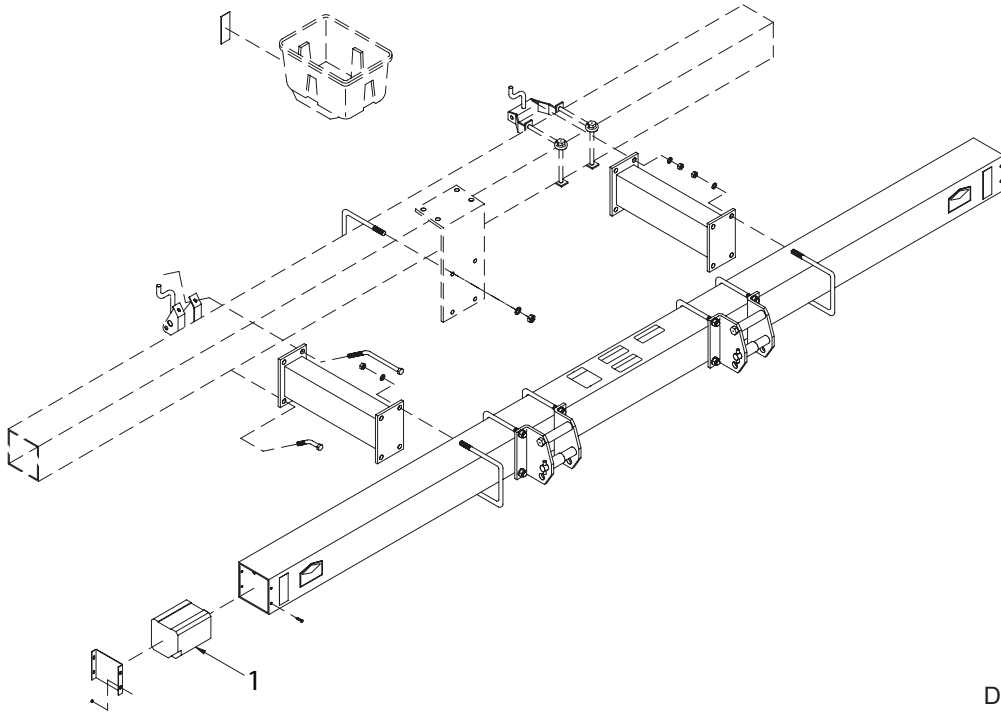
SECTION 5

DWG. NO. 3156

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004639	Mount Plate	2	4	952-001-007	Lock Washer 3/8 Inch	8
2	950-003-030	Carriage Bolt 3/8-16 x 4 1/2 Gr. 2	8	5	951-001-005	Hex Nut 3/8-16	8
3	81004640	Mounting Tube Weldment	2				

SERIES 6000 ROW CULTIVATOR

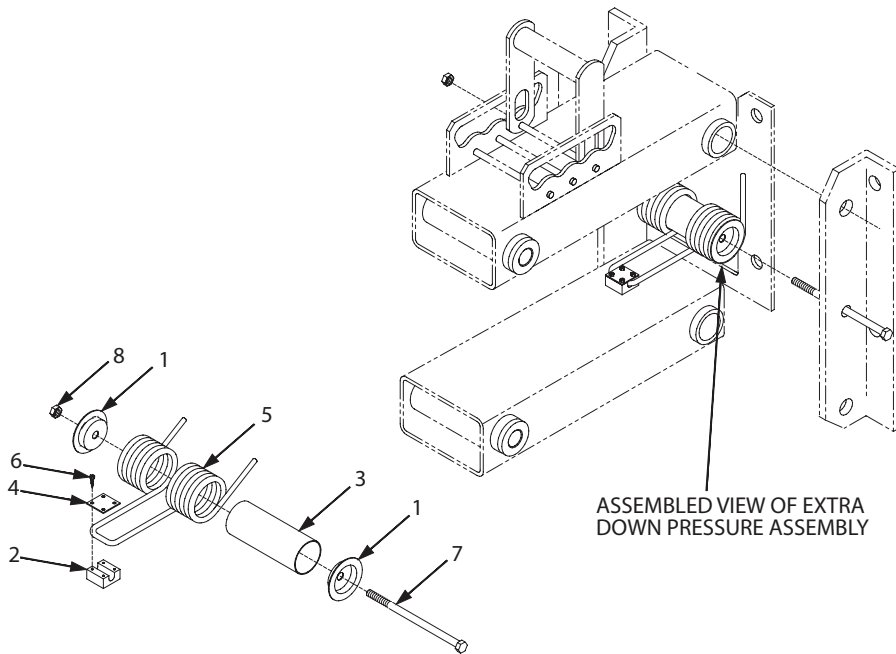
CONCRETE BLOCKS



DWG. NO. 1666

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-001-176	Concrete Blocks	2				

DOWN PRESSURE SPRING ASSEMBLY



DWG. NO. 2887

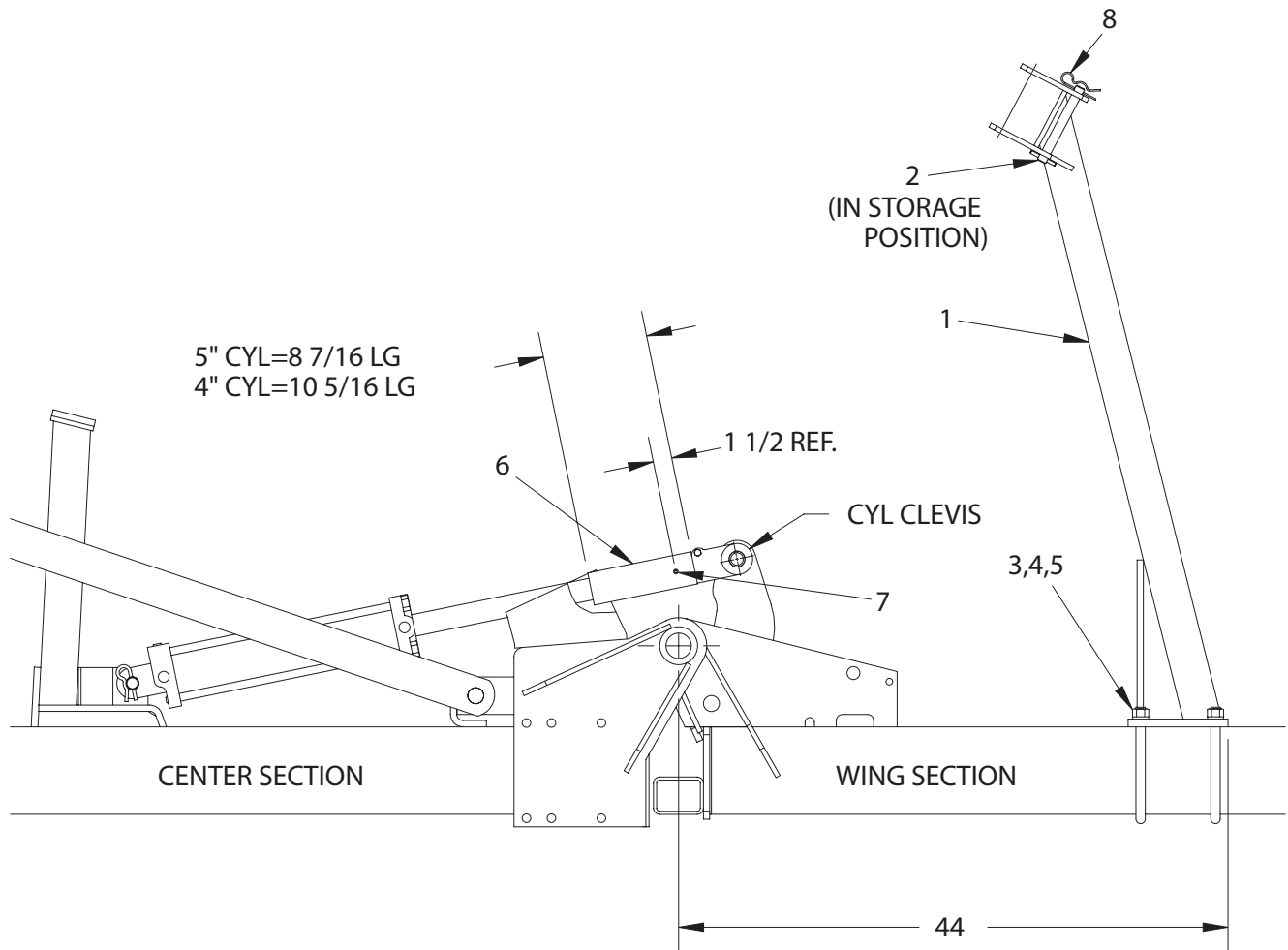
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004102	Washer	2	6	031-30078	Slotted Hex Self Tapping Screw #8 x 1/2 AB	4
2	61004106	Top Slide Anchor	1	7	950-001-259	Hex Head Cap Screw 1/2-13 x 8 Gr. 5	1
3	81004103	Tube	1	8	10304	Lock Nut 1/2-13	1
4	81004104	Cover	1		81004117	Down Pressure Spring Assembly (2 Row)	
5	81004105	Double Torsion Spring	1				

SECTION 5

SERIES 6000 ROW CULTIVATOR

VERTICAL WING FOLD STOP ASSEMBLY
 8/36-38-40,12/30 SERIAL NO. ENDING 101 OR HIGHER
 12/36-38,12/40,16/30 SERIAL NO. ENDING 100 OR HIGHER

SECTION 5

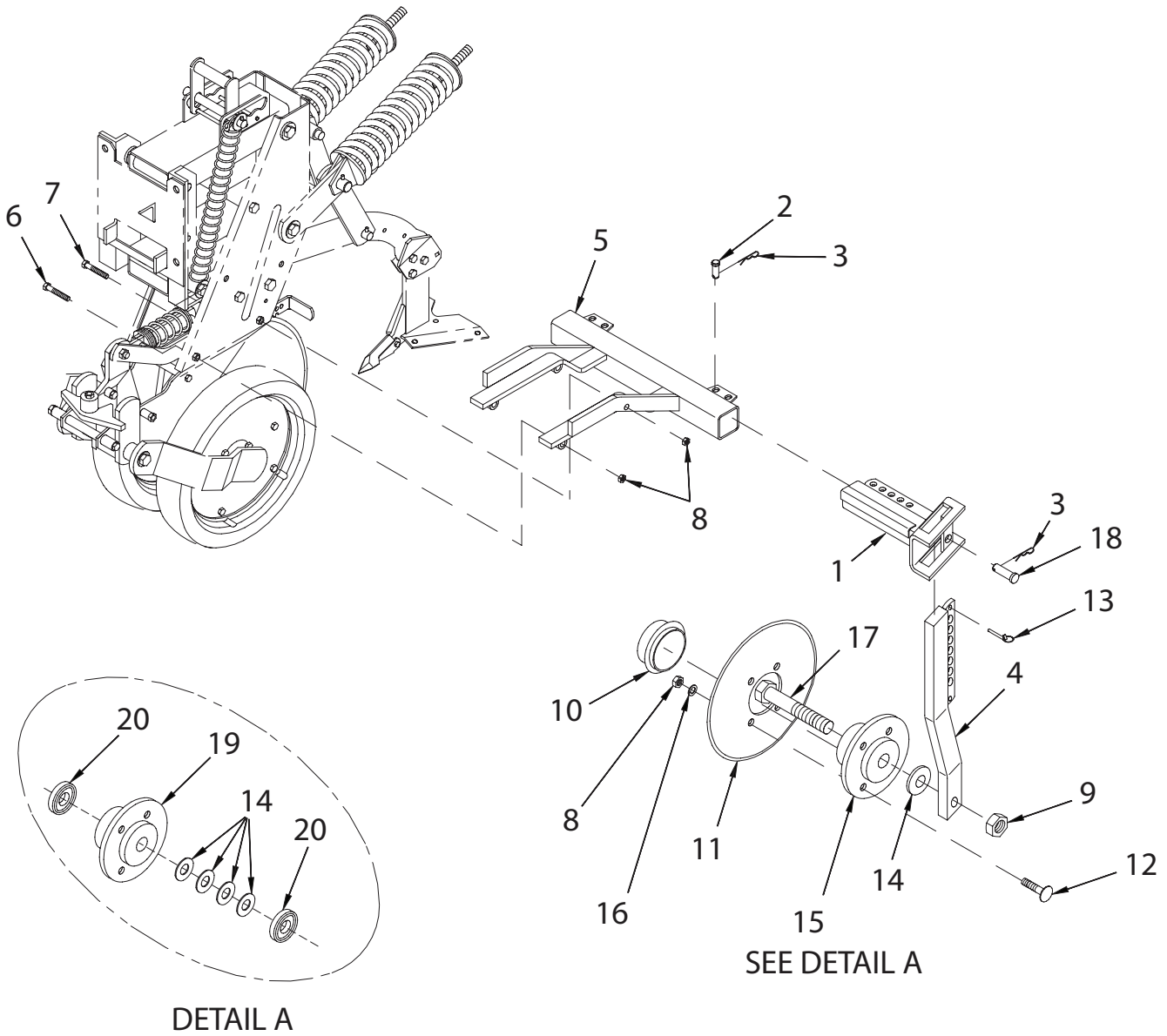


DWG. NO. 3013

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004375	Wing Stand Weldment	2		81004445	Cylinder Spacer 2 3/8 O.D. x 10 5/16 (Fits 4 x 16 Cylinder)	2
2	81004379	Pin Assembly	2				
3	875-001-038	U-Bolt 3/4-10 x 7 3/4	4		950-008-001	Hex Socket Head Set Screw 3/8-16 x 3/8	2
4	952-001-006	Lock Washer 3/4	8	7	953-005-002	Hair Pin Cotter .178 x 3 9/16	2
5	951-001-009	Hex Nut 3/4-10, 81004377	8	8	81004355	Complete Vertical Wing Fold Stop Assembly	2
6	81004377	Cylinder Spacer 2-5/8 O.D. x 8 7/16 (Fits 5 x 16 Cylinder)	2				

SERIES 6000 ROW CULTIVATOR

CUTAWAY DISC



SEE DETAIL A

DWG. NO. 3170

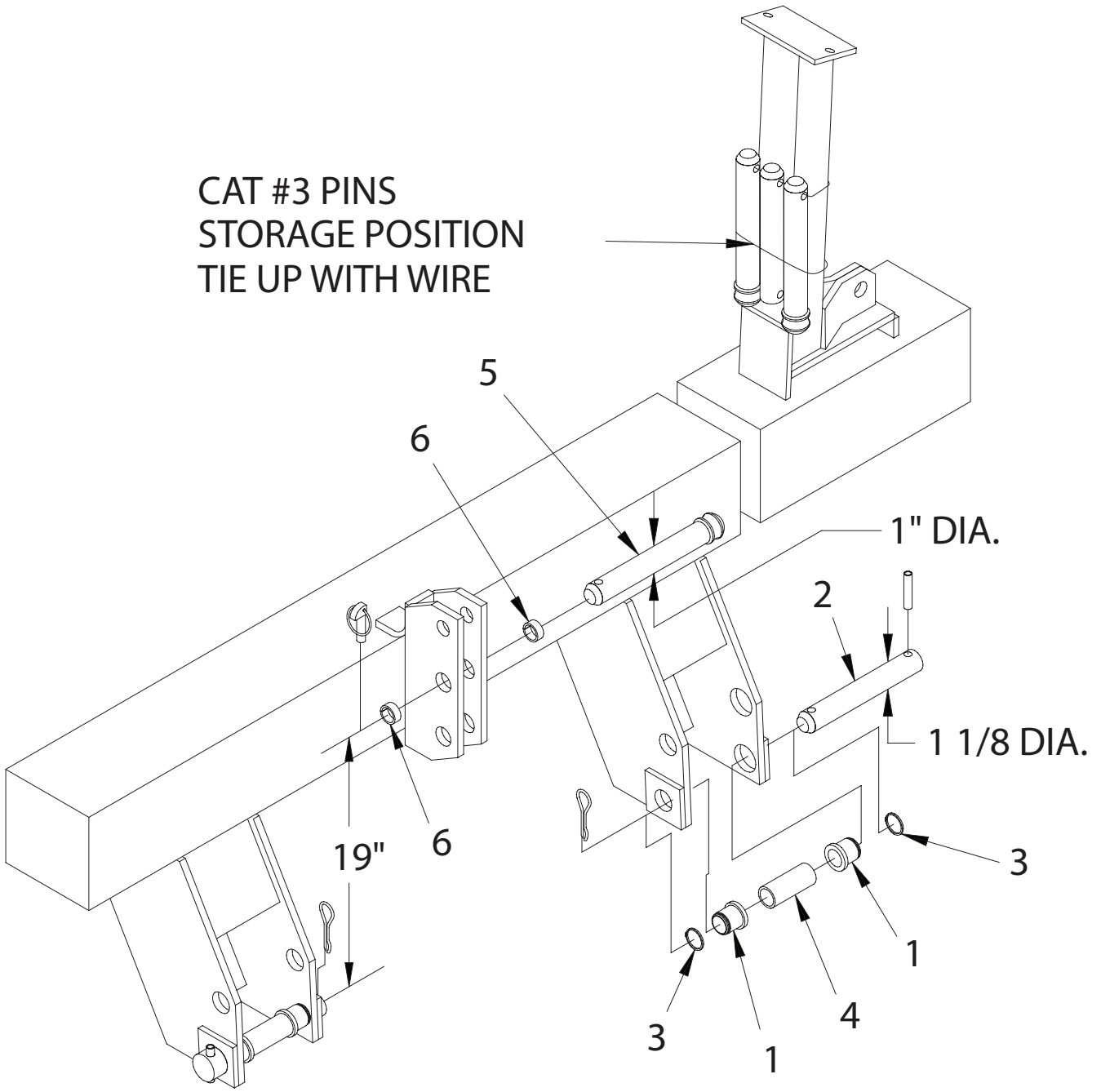
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004614	RH Inner Tube Weldment	1	10	805-001-476	Hub Cap	2
	81004615	LH Inner Tube Weldment	1	11	805-001-002	Concave Disc	2
2	953-002-034	Clevis Pin 1/2 x 1 1/4	2	12	950-003-017	Carriage Bolt 1/2-13 x 1 Gr. 2	8
3	953-005-001	Hair Pin .120 x 2 3/8	4	13	703-00209	Locking Pin	2
4	81004616	LH Shank Weldment	1	14	952-004-003	Washer 1 1/4 O.D. x 25/32 I.D.	10
	81004617	RH Shank Weldment	1	15	81004620	Hub Assembly	2
5	81004622	Cross Tube Weldment (Narrow Row)	1	16	952-001-004	Lock Washer 1/2 Inch	8
	81004637	Cross Tube Weldment (Wide Row)	1	17	950-001-069	Hex Head Cap Screw 3/4 - 10 x 3 1/4 Gr. 5	2
6	950-001-159	Hex Head Cap Screw 1/2-13 x 2 1/2 Gr. 5	2	18	703-00138	Clevis Pin	2
7	950-001-075	Hex Head Cap Screw 1/2-13 x 3 Gr. 5	2	19	81004623	Hub Weldment	2
8	951-001-007	Hex Nut 1/2-13	8	20	600-02009	Ball Bearing	4
9	951-005-037	2-Way Lock Nut 3/4-10	2				

SEC 5

SERIES 6000 ROW CULTIVATOR

**CAT. #2 HITCH PINS
WITHOUT QUICK HITCH**

**CAT #3 PINS
STORAGE POSITION
TIE UP WITH WIRE**

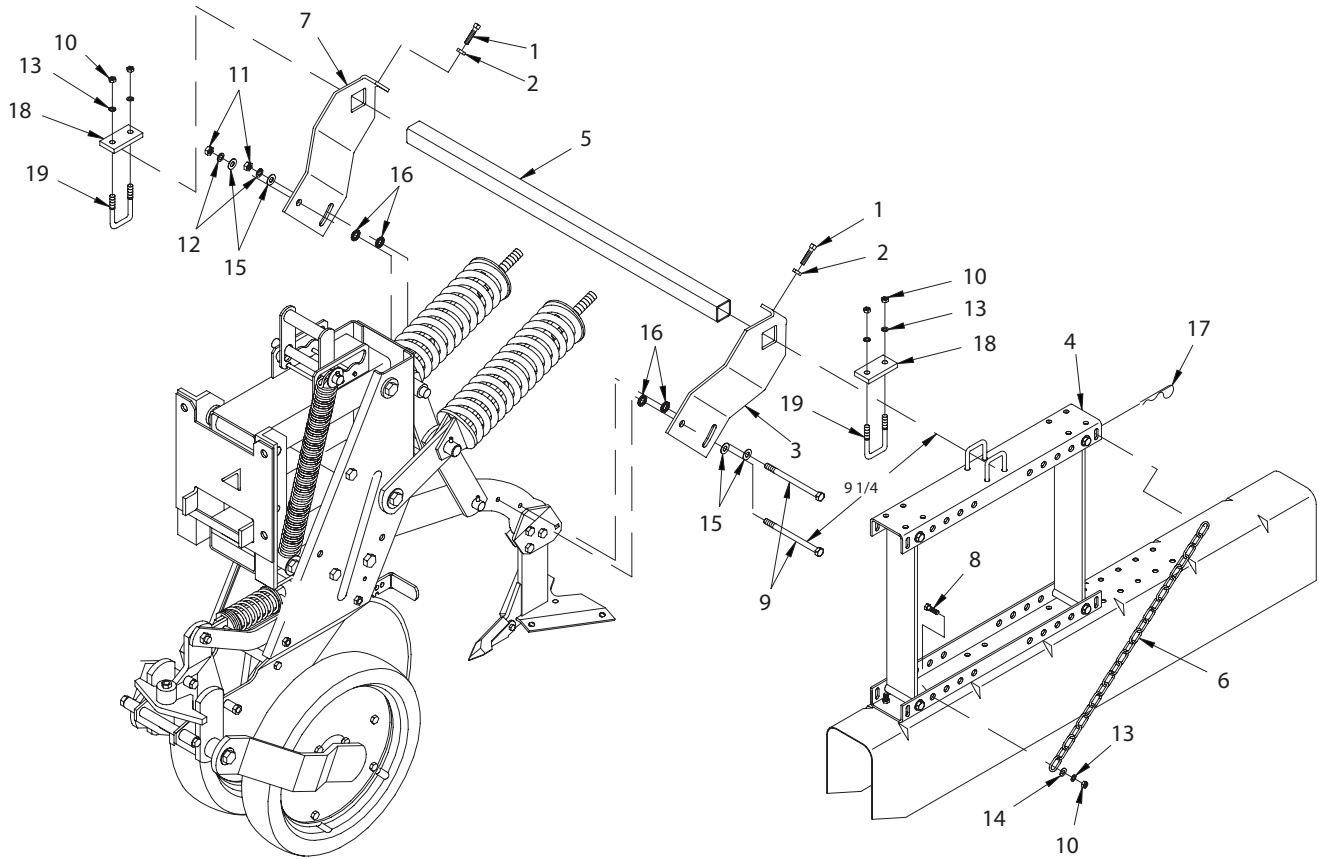


DWG. NO. 3157

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004498	Inside Bushing	4	4	81004495	Lower Bushing	2
2	81004493	Lower Pin	2	5	875-001-123	Top Link Pin Cat. II	1
3	81004494	Retaining Ring	4	6	81004496	Bushing	2

SERIES 6000 ROW CULTIVATOR

TUNNEL SHIELD

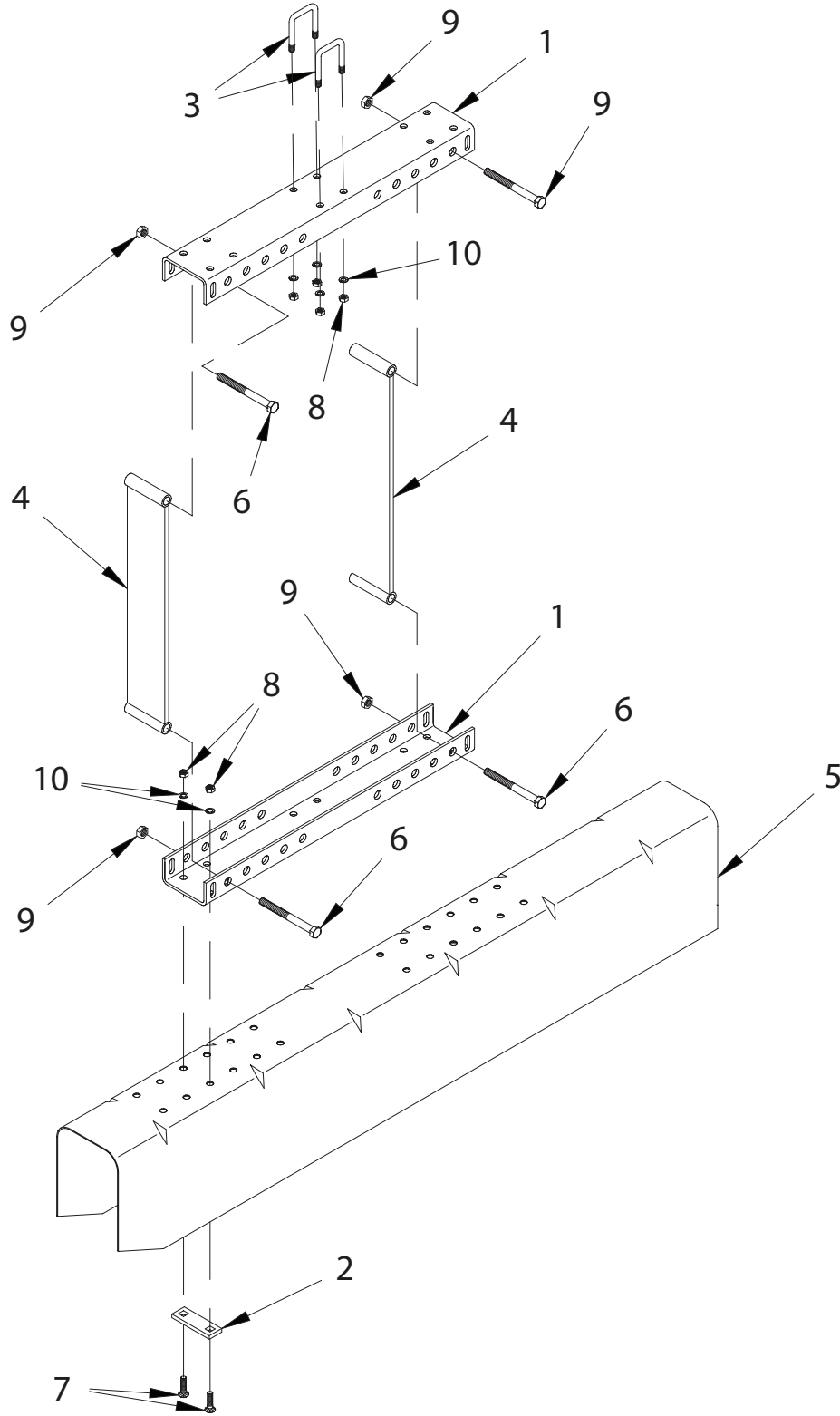


DWG. NO. 3125

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	031-21035	Square Head Set Screw 3/8-16 x 1 3/4 Cup	2	10	951-001-005	Hex Nut 3/8-16	2
2	034-05117	Hex Jam Nut 3/8-16	2	11	951-001-007	Hex Nut 1/2-13	2
3	81004673	LH Mount Weldment	1	12	952-001-004	Lock Washer 1/2 Inch Med Split SAE	2
4	81004666	Tunnel Shield Assembly 48"	2	13	952-001-007	Lock Washer 3/8 Inch Med Split SAE	2
5	81004971	Mount Tube 30' Rows	1	14	952-002-003	Flat Washer 3/8 Inch WRT	2
6	81004677	Chain	2	15	952-002-005	Flat Washer 1/2 Inch WRT	4
7	81004672	RH Mount Weldment	1	16	952-004-057	Lock Washer 1/2 Int - Ext	4
8	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	2	17	953-005-002	Hair Pin Cotter .178 x 3 9/16	2
9	950-001-226	Hex Head Cap Screw 1/2-13 x 5 1/2 Gr. 5	2				

5 C S

TUNNEL SHIELD PARTS BREAKDOWN

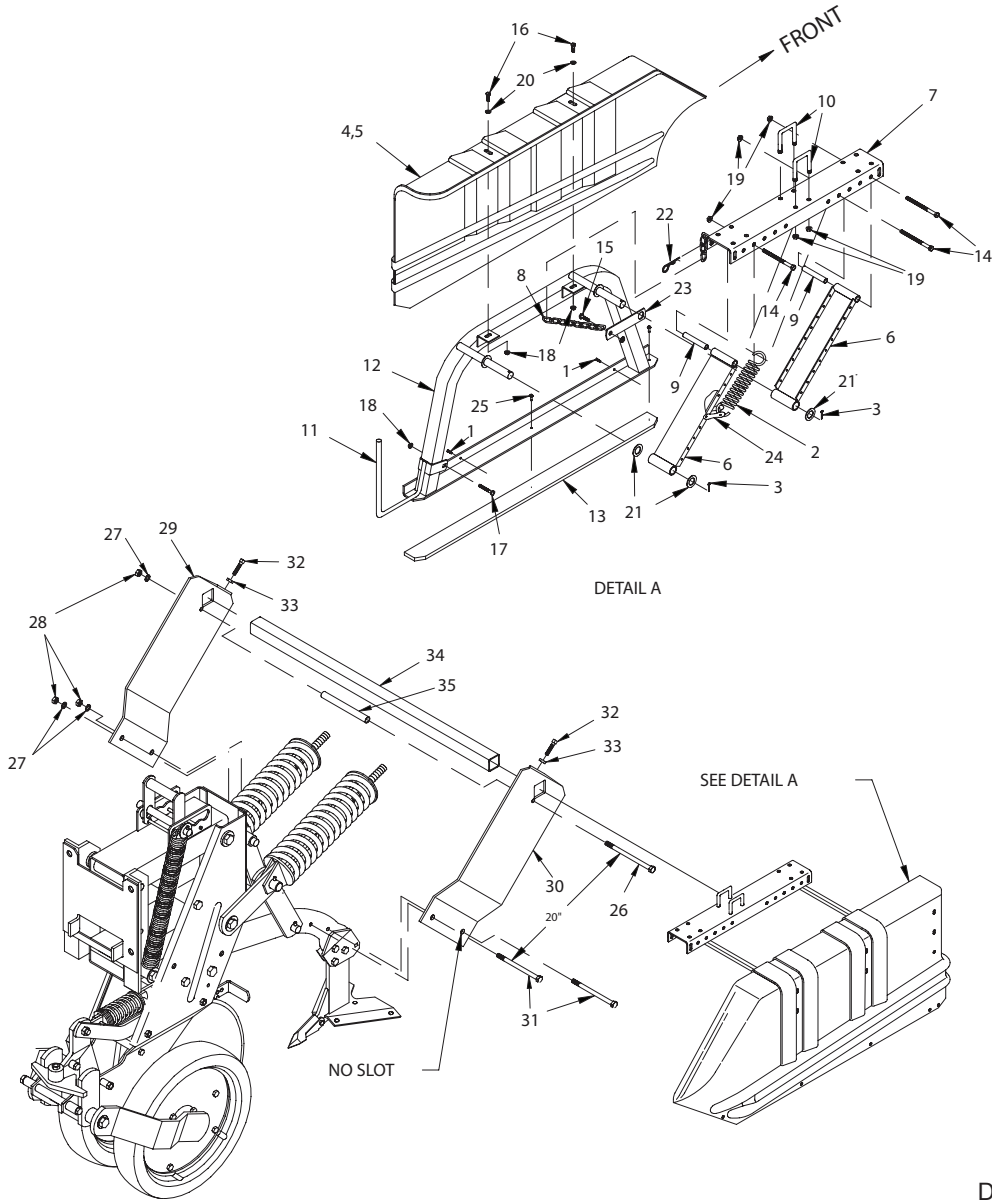


DWG. NO. 3118

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-001-640	Tunnel Channel	2	6	950-001-124	Hex Head Cap Screw 1/2-13 x 4 Gr. 5	4
2	810-001-649	Reinforcement Strap	2	7	950-003-029	Carriage Bolt 3/8-16 x 1	4
3	810-001-650	3/8 U-Bolt 1 7/8 Center	2	8	951-001-005	Hex Nut 3/8-16	8
4	81004665	Strap Weldment Pivot	2	9	951-005-023	Mac Lock Nut 1/2-13	4
5	81004670	Tunnel Shield 48"	2	10	952-007-007	3/8 Inch Lock Washer	8

SERIES 6000 ROW CULTIVATOR

PLASTIC SHIELD



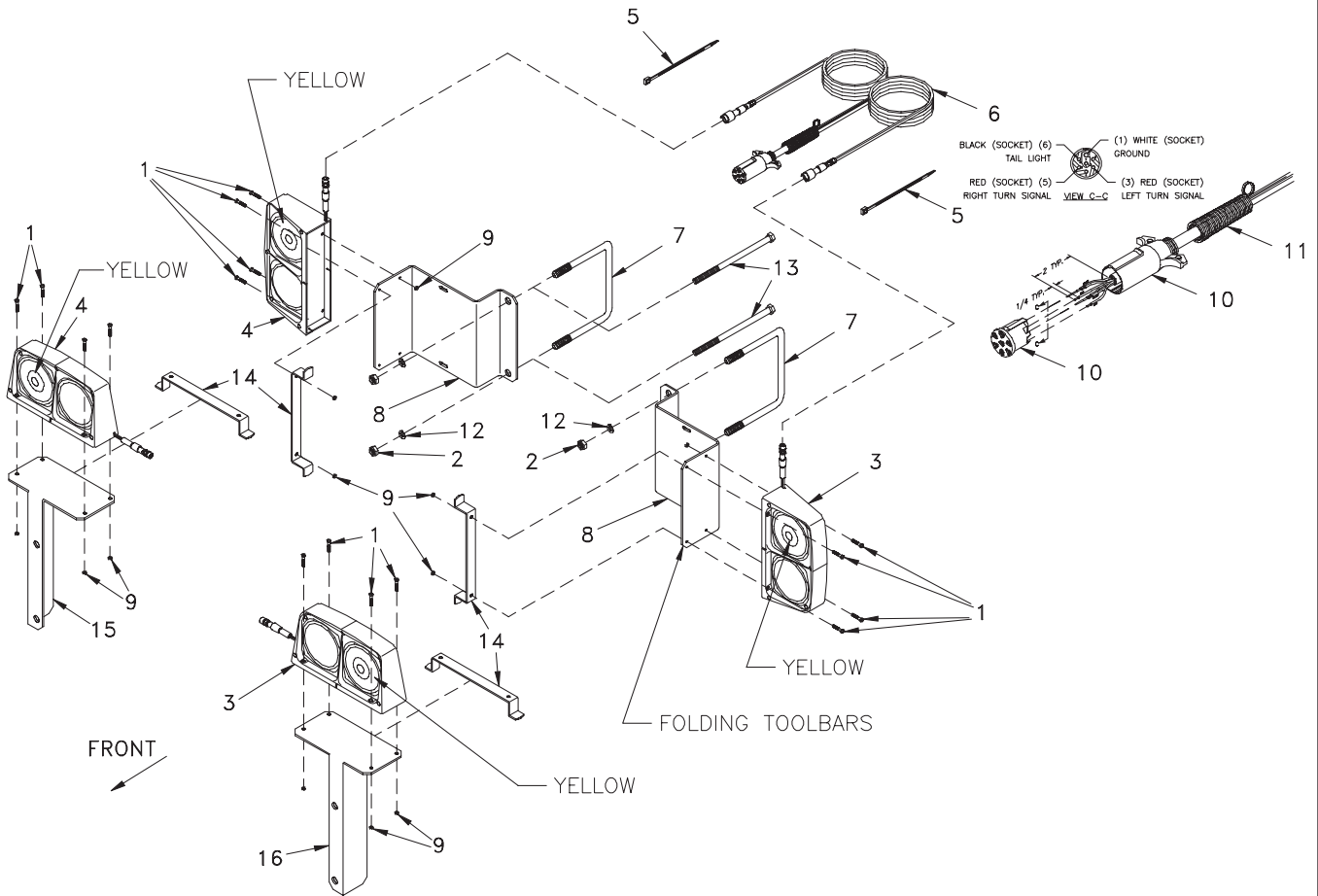
DWG. NO. 3171

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	700-14403	Hex Slot Head Self Tapping Screw #10 x 1/2	4	19	951-002-003	Hex Head Flanged Whiz Lock Nut 3/8-16	20
2	601189	Extension Spring	2	20	952-002-002	Flat Washer 5/16 Inch WRT	4
3	953-001-007	Cotter Pin 3/16 x 1 1/2	4	21	952-002-008	Flat Washer 3/4 Inch WRT	6
4	810-001-834	RH Shield (Shown)	1	22	953-005-002	Hair Pin Cotter .178 x 3 9/16	2
5	810-001-835	LH Shield	1	23	81004538	Stop Plate	2
6	81004540	Rigid Link Weldment	4	24	805-001-725	Chain Connector	2
7	81002707	Top Channel	2	25	950-005-020	Hex Head Self Tapping Screw #10-16 x 3/4	6
8	81002709	Chain	2	26	950-001-246	Hex Head Cap Screw 1/2-13 x 7 1/2 Gr. 5	1
9	81002715	Bushing	4	27	952-001-004	Lock Washer 1/2 Inch	3
10	81002741	U-Bolt 3/8 x 1 7/8 Center	4	28	951-001-007	Hex Nut 1/2-13	3
11	81004524	Rod Weldment	2	29	81004682	RH Mount Weldment	1
12	81004529	Frame Weldment/Skid Assembly	2	30	81004683	LH Mount Weldment	1
13	81004530	Plastic Skid	2	31	950-001-060	Hex Head Cap Screw 1/2-13 x 5 Gr. 5	2
14	950-001-084	Hex Head Cap Screw 3/8-16 x 4 Gr. 5	6	32	031-21035	Set Screw Square Head 3/8 x 1 3/4 Cup Point	2
15	950-002-008	Hex Head Flanged Whiz Lock Bolt 3/8-18 x 3/4	2	33	034-05147	Jam Nut 3/8-16	2
16	950-001-113	Hex Head Cap Screw 5/16-16 x 3/4 Gr. 5	4	34	81004671	Mount Tube 30 Row	1
17	030-12046	Carriage Bolt 5/16-18 x 2 Gr. 2	2	35	81004686	Spacer Tube	1
18	951-002-002	Hex Head Flanged Whiz Lock Nut 5/16-18	6				

SECTION 5

SERIES 6000 ROW CULTIVATOR

WARNING LIGHT KIT 6000 ROW CROP CULTIVATOR



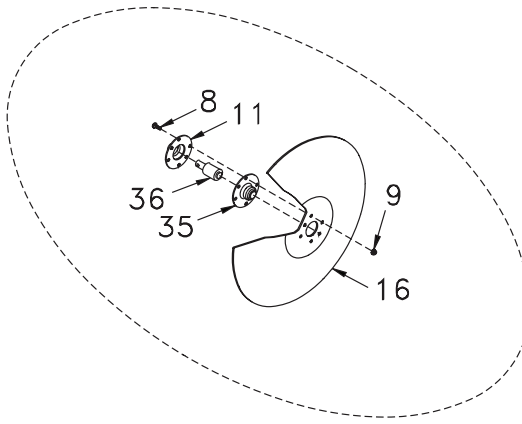
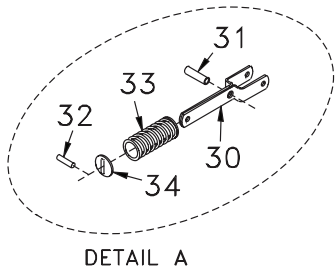
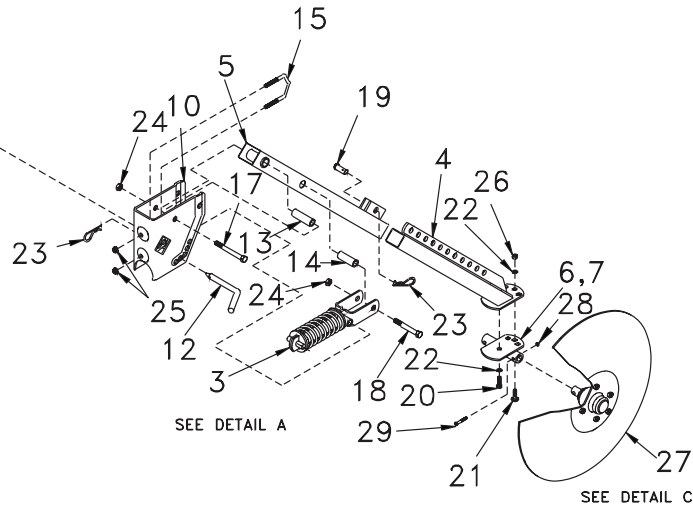
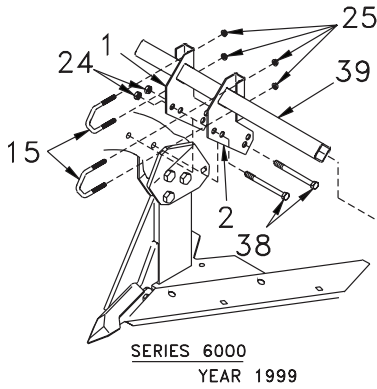
DWG. NO. 3601

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	031-06007	Hex Head Cap Screw 1/4 x 1 1/4 Gr. 5	8	10	38450002	Connector Plug 7 Pin	1
2	951-001-230	Hex Nut 5/8-16	4	11	38400004	Strain Relief Spring	1
3	36100000	Implement Light LH Assembly	1	12	952-001-005	Lock Washer 5/8 Inch	8
4	36100001	Implement Light RH Assembly	1	13	950-001-230	Hex Head Cap Screw 5/8-16 x 9 1/2 Gr. 5	4
5	921-001-145	Black Cable Tie 21 Inches	16	14	624960	Cord Carrier	2
6	38809029	Cultivator Lighting Harness 16' (Includes 10 & 11)	1	15	81003527	RH Warning Light Bracket	1
7	81003020	5/8 U-Bolt 7 5/8 Center	2	16	81003528	LH Warning Light Bracket	1
8	81003404	Warning Light Bracket	2	17	81003529	Instruction Warning Lights (Not Shown)	1
9	034-05150	Stover Lock Nut 1/4	8				

S E C 5

SERIES 6000 ROW CULTIVATOR

CUTAWAY DISC SHIELD 1999



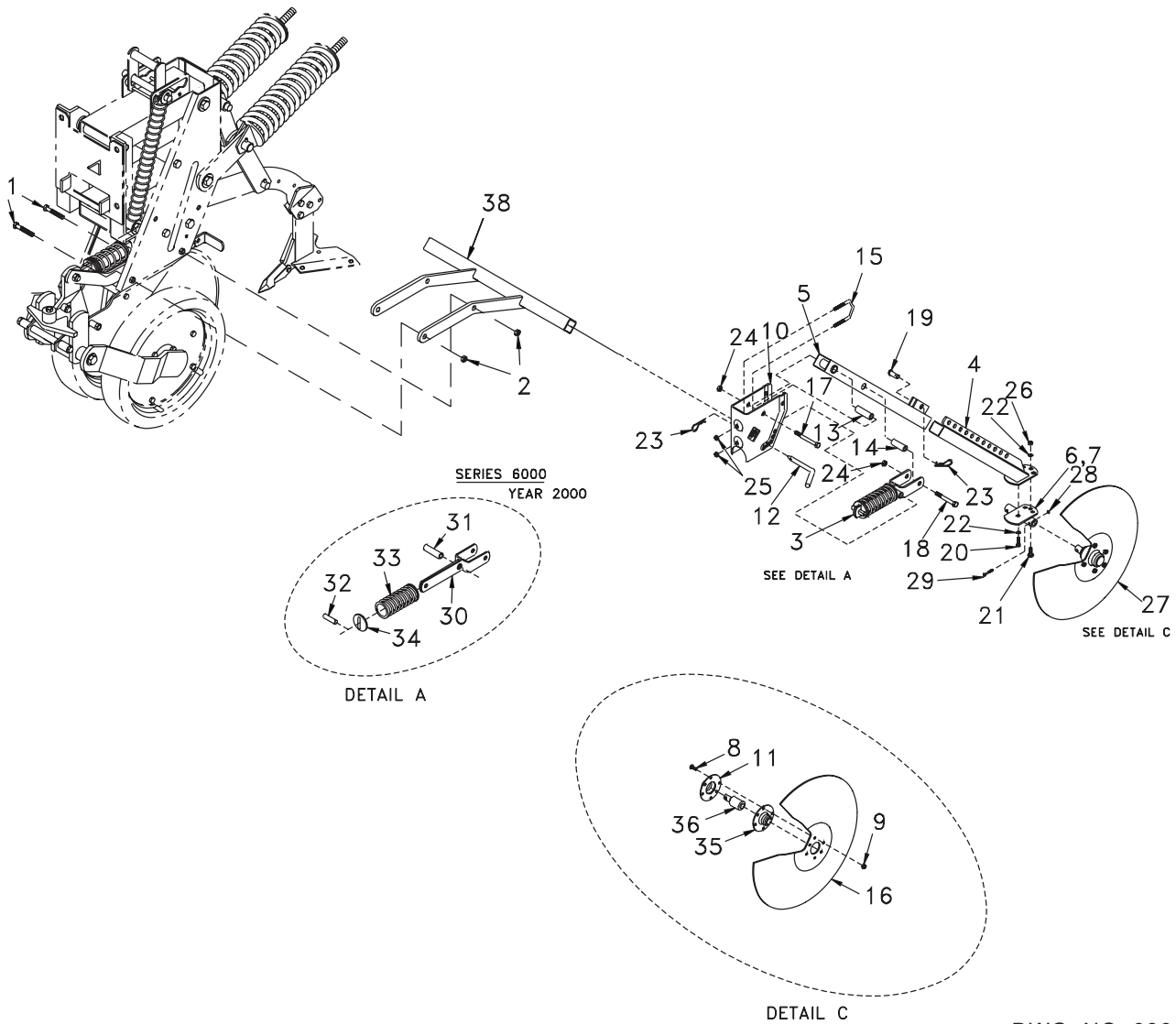
DWG. NO. 3860A

SECTION 5

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004654	RH Mount Plate (1996 Only)	1	22	952-001-007	Lock Washer 3/8 Med Split SAE	4
2	81004653	LH Mount Plate (1996 Only)	1	23	953-003-001	Hair Pin .120 x 2 3/8	4
3	81003541	Disc Spring Assy	2	24	10304	Lock Nut 1/2-13	7
4	81004649	Inner Mount Tube Weldment	2	25	951-002-003	Hex Flanged Whiz Lock Nut 3/8-16	8
5	81004652	Tube Weld	2	26	951-001-005	Hex Nut 3/8-16	2
6	81004583	RH Bottom Plate Weldment	1	27	81003406	Disc Assembly (Includes Items 8, 9, 16, 35, 36, 37)	4
7	81004584	LH Bottom Plate Weldment	1		81003368	End Shield Assembly Not Shown (Includes Items 8,9,16,35,36,37)	2
8	950-002-003	Hex Head Flanged Whiz Lock Bolt 1/4-20 x 3/4	6	28	951-005-089	2 Way Lock Nut 1/4-20	1
9	951-002-001	Hex Flanged Whiz Lock Nut 1/4-20	6	29	031-06007	Hex Head Cap Screw 1/4-20 x 1 1/4 Gr. 5	2
10	81004569	Mounting Channel	2	30	81003539	Guide Strap HT	1
11	81004216	Hub Flange With Hole	1	31	81003538	Spacer HT	1
12	81004549	Pin	2	32	953-003-019	Spring Pin 1/2 x 2	1
13	81004571	Inner Tube	2	33	81004078	Compression Spring	1
14	81004577	Spacer	2	34	81004570	Washer	2
15	81004572	Diagonal U-Bolt	4	35	81004217	Hub Flange	1
16	81003363	18" Disc	1	36	81004333	Shaft Bearing	1
17	950-001-142	Hex Head Cap Screw 1/2-13 x 3 1/2 Gr. 5	2	37	81004216	Hub Flange With Hole	1
18	950-001-075	Hex Head Cap Screw 1/2-13 x 3 Gr. 5	2	38	950-001-126	Hex Head Cap Screw 1/2-13 x 4 1/2 Gr. 5	2
19	953-003-034	Clevis Pin 1/2 x 1 1/4	2	39	81004582	Mount Tube	1
20	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	2				
21	950-003-029	Carriage Bolt 3/8-16 x 1 Gr. 5	2				

SERIES 6000 ROW CULTIVATOR

CUTAWAY DISC SHIELD 2000



DWG. NO. 3861A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	950-001-075	Hex Head Cap Screw 1/2-13 x 3 Gr. 5	2	21	950-003-029	Carriage Bolt 3/8-16 x 1 Gr. 5	2
2	950-001-159	Hex Head Cap Screw 1/2-13 x 2 1/2 Gr. 5	2	22	952-001-007	Lock Washer 3/8 Med Split SAE	4
3	81003541	Disc Spring Assembly	2	23	953-003-001	Hair Pin .120 x 2 3/8	4
4	81004649	Inner Mount Tube Weldment	2	24	10304	Lock Nut 1/2-13	7
5	81004652	Tube Weldment	2	25	951-002-003	Hex Flanged Whiz Lock Nut 3/8-16	8
6	81004583	RH Bottom Plate Weldment	1	26	951-001-005	Hex Nut 3/8-16	2
7	81004584	LH Bottom Plate Weldment	1	27	81003406	Disc Assembly (Includes Items 8, 9, 16, 35, 36, 37)	4
8	950-002-003	Hex Head Flanged Whiz Lock Bolt 1/4-20 x 3/4	6		81003368	End Shield Assy Not Shown (Includes Items 8, 9, 16, 35, 36, 37)	2
9	951-002-001	Hex Head Flanged Whiz Lock Nut 1/4-20	6	28	951-005-089	2 Way Lock Nut 1/4	1
10	81004569	Mounting Channel	2	29	031-06007	Hex Head Cap Screw 1/4 x 1 1/4 Gr. 5	2
11	81004216	Hub Flange With Hole	1	30	81003539	Guide Strap HT	1
12	81004549	Pin	2	31	81003538	Spacer HT	1
13	81004571	Inner Tuba	2	32	953-003-019	Spring Pin 1/2 x 2	1
14	81004577	Spacer	2	33	81004078	Compression Spring	1
15	81004572	Diagonal U-Bolt	4	34	81004570	Washer	2
16	81003363	18" Disc	1	35	81004217	Hub Flange	1
17	950-001-142	Hex Head Cap Screw 1/2-13 x 3 1/2 Gr. 5	2	36	81004333	Shaft Bearing	1
18	950-001-075	Hex Head Cap Screw 1/2-13 x 3 Gr. 5	2	37	81004216	Hub Flange With Hole	1
19	953-003-034	Clevis Pin 1/2 x 1 1/4	2	38	81004866	Cross Tube Weld (Narrow Row)	1
20	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	2				