

HINIKER
STRIP-TILL ATTACHMENT
MODEL 6000
STRIP-TILL SYSTEMS
AND ATTACHMENTS
2005, 2006, 2007, 2008,
2009 & 2010
PRODUCTION
PARTS BOOK

PART NUMBER 81005027 Rev. G

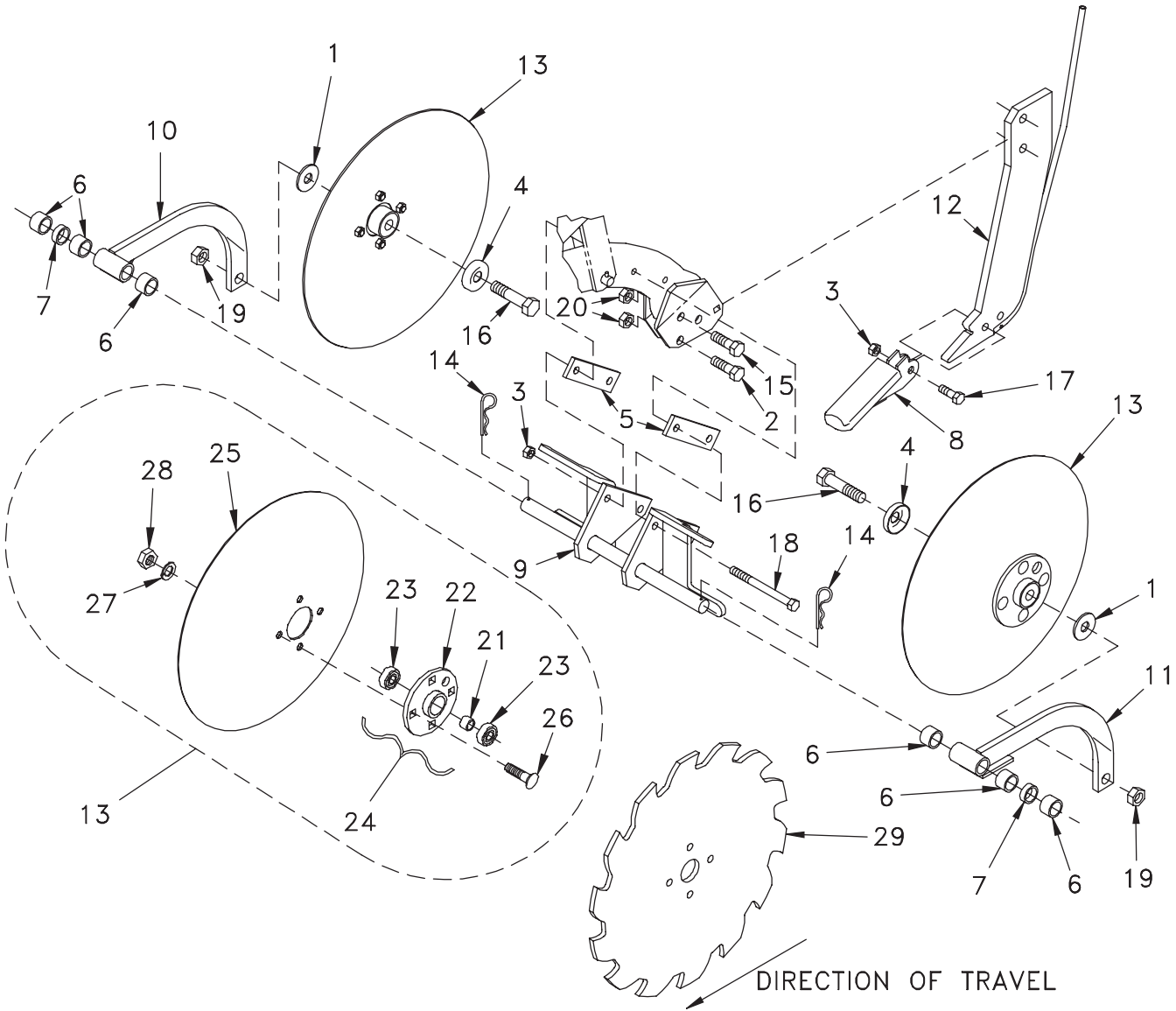
HINIKER

STRIP-TILL ATTACHMENT

PAGE 2	81004894 TILLAGE UNIT ASSEMBLY 2005
PAGE 3	81004998 TILLAGE UNIT ASSEMBLY 2006
PAGE 4	81005251 TILLAGE UNIT ASSEMBLY 2007-2008
PAGE 5	81005898 TILLAGE UNIT ASSEMBLY 2009 & LATER
PAGE 6	ADJUSTABLE ROW CLEANER ASSEMBLY 2005
PAGE 7	81005000 ADJUSTABLE ROW CLEANER ASSEMBLY 2006
PAGE 8	81005129 ADJUSTABLE ROW CLEANER ASSEMBLY 2007 & LATER
PAGE 9	81004900 13" WIDE ROLLING BASKET ASSEMBLY 2005
PAGE 10	81005001 13" WIDE ROLLING BASKET ASSEMBLY 2006
PAGE 11	81005001 13" WIDE ROLLING BASKET ASSEMBLY 2007-2008
PAGE 12	81005899 13" WIDE ROLLING BASKET ASSEMBLY 2009 & LATER
PAGE 13-17	STRIP-TILL TILLAGE UNIT ASSEMBLY
PAGE 18-21	ROW UNIT SETBACK BRACKET FOR 3/4 U-BOLT MOUNTING
PAGE 22-25	ROW UNIT SETBACK BRACKET FOR 5/8 U-BOLT MOUNTING
PAGE 26-36	STRIP-TILL OPTIONS
PAGE 26	81004903 SINGLE LIFT ASSIST ASSEMBLY
PAGE 27	81004902 TELESCOPING REAR HITCH ASSEMBLY
PAGE 28	6314 TELESCOPING REAR HITCH ASSEMBLY FITTING ON LIFT ASSIST AND ROTARY COULTER SCRAPER
PAGE 29	81005349 TELESCOPING REAR HITCH ASSEMBLY FITTING ON FERTILIZER CART
PAGE 30	81005608 AUXILIARY SPRING KIT AND 1 ROW BOLT AND MOUNT BAR KIT
PAGE 31	81005440 STAINLESS STEEL FERTILIZER TUBE
PAGE 32	81005290 DRY FERTILIZER TUBE ASSEMBLY FITS 1/2 VAPOR TUBE 2007-2008
PAGE 33	81005500 DRY FERTILIZER TUBE ASSEMBLY FITS 1/2 VAPOR TUBE PRIOR TO 9-1-06
PAGE 34	DRY FERTILIZER TUBE ASSEMBLY FITS 1/2 AND 3/4 VAPOR TUBE 2007-2008
PAGE 35	81005900 DRY FERTILIZER TUBE ASSEMBLY FITS 1/2 AND 3/4 VAPOR TUBE 2009 & LATER
PAGE 36	39216023 NH3 VAPOR TUBE
PAGE 37	ROW CLEANER FIELD UPDATE PRIOR TO 9-1-06
PAGE 38	81005502 ROLLING BASKET FIELD UPDATE PRIOR TO 9-1-06
PAGE 39-44	STRIP-TILL HITCH ASSEMBLY
PAGE 45-47	STRIP-TILL TRAILER
PAGE 48-49	STRIP-TILL DRY FERTILIZER TANK 2006
PAGE 50-51	STRIP-TILL DRY FERTILIZER TANK 2007 & LATER
PAGE 52-56	DRY FERTILIZER DRIVE 2006 & LATER
PAGE 57	ROLL TOP COVER
PAGE 58-61	GRANULAR FERTILIZER SPLIT TANK AND METERING 2009 & LATER
PAGE 62-65	LIQUID FERTILIZER TANK 2006 & LATER
PAGE 65-79	STRIP-TILL HYDRAULICS
PAGE 80-89	STRIP-TILL DRY FERTILIZER AIR ASSEMBLY
PAGE 90-101	STRIP-TILL TOOLBARS
PAGE 102	HYDRAULIC CENTRIFUGAL PUMP
PAGE 103	81005820 2 ROW, ROW CLEANER DISC LOCK BOLT KIT
PAGE 104-107	ELECTRICAL CONSOLE AND MOUNTING 2007 & LATER
PAGE 108-109	ELECTRICAL CONSOLE AND MOUNTING 2006
PAGE 110	WARNING LIGHT KIT 6000 ST STRIP-TILL
PAGE 111	81006067 19" DIAMETER NOTCHED POLY DISC KIT

STRIP-TILL ATTACHMENT

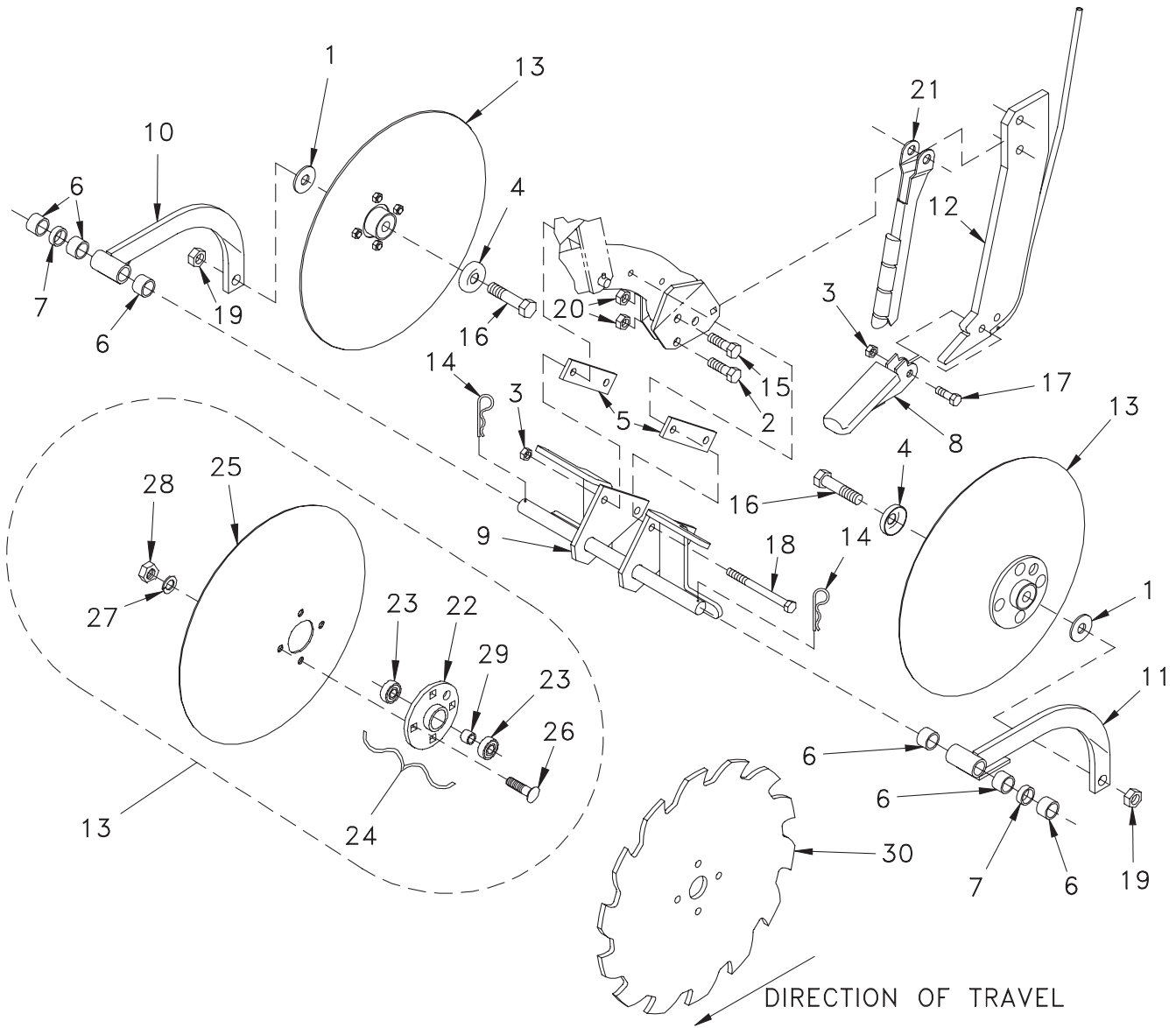
81004894 Tillage Unit Assembly 2005



DWG. NO. 5757

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	033-12013	Flat Washer 3/4 SAE	2	16	950-001-069	Hex Head Cap Screw 3/4-10 x 3 1/4 Gr. 5	2
2	061876	Hex Head Cap Screw 5/8-11 x 2 Gr. 8	1	17	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	1
3	10304	Lock Nut 1/2-13	3	18	950-001-316	Hex Head Cap Screw 1/2-13 x 5 3/4 Gr. 5	2
4	81004802	Dust Cap	2	19	951-005-037	Lock Nut 3/4-10, 2 Way	2
5	81004907	Spacer	2	20	951-005-044	Lock Nut 5/8-11, 2 Way	2
6	81004908	Spacer 7/8"	6	21	81004409	Spacer	1
7	81004909	Spacer 7/16"	2	22	81004410	4 Bolt Hub Weldment	1
8	81004997	Point Weldment	1	23	600-02009	Ball Bearing .7500 Bore	2
9	81004917	Support Weldment	1	24	81004407	Hub With Bearing Assembly	1
10	81004921	RH Support Weldment	1	25	81004918	Concave Disc 18"	1
11	81004922	LH Support Weldment	1	26	950-003-028	Carriage Bolt 1/2-13 x 1 1/4 Gr. 5	4
12	81004923	Angled Shank Weldment	1	27	952-001-004	Lock Washer 1/2 Inch	4
13	81004926	Concave Disc 18" W/Hub Assembly	2	28	951-001-007	Hex Nut 1/2-13	4
14	953-005-002	Cotter Pin .178 x 3 9/16	2	29	81006067	19" Dia. Notched Poly Disc See Page 111 (Optional)	1
15	950-001-023	Hex Head Cap Screw 5/8-11 x 2 Gr. 5	1				

81004998 Tillage Unit Assembly 2006

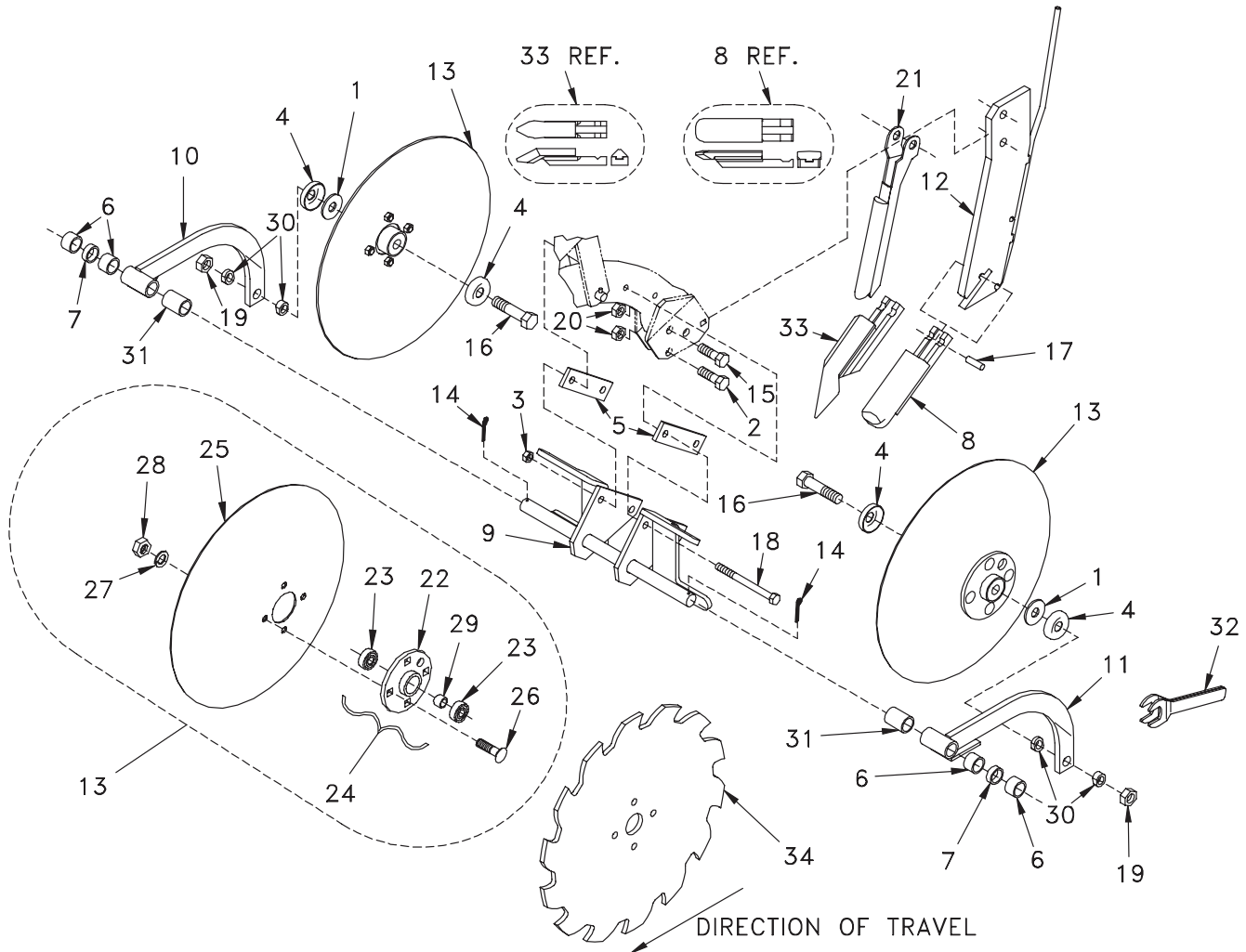


DWG. NO. 5781

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	033-12013	Flat Washer 3/4 Inch	2	16	950-001-069	Hex Head Cap Screw 3/4-10 x 3 1/4 Gr. 5	2
2	950-001-024	Hex Head Cap Screw 5/8-11 x 2 1/2 Gr. 8	1	17	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	1
3	10304	Lock Nut 1/2-13	3	18	950-001-316	Hex Head Cap Screw 1/2-13 x 5 3/4 Gr. 5	2
4	81004802	Dust Cap	2	19	951-005-037	Lock Nut 2-Way 3/4-10	2
5	81004907	Spacer	2	20	951-005-044	Lock Nut 2-Way 5/8-11	2
6	81004908	Spacer 7/8"	6	21	81004994	Wear Edge Weldment	1
7	81004909	Spacer 7/16"	2	22	81004410	4 Bolt Hub Weldment	1
8	81004997	Point Weldment	1	23	600-02009	Ball Bearing .7500 Bore	2
9	81004917	Support Weldment	1	24	81004407	Hub With Bearing Assembly	1
10	81004921	RH Support Weldment	1	25	81004918	Concave Disc 18"	1
11	81004922	LH Support Weldment	1	26	950-003-028	Carriage Bolt 1/2-13 x 1 1/4 Gr. 5	4
12	81004923	Angled Shank Weldment	1	27	952-001-004	Lock Washer 1/2 Inch	4
13	81004926	Concave Disc 18" W/Hub Assembly	2	28	951-001-007	Hex Nut 1/2-13	4
14	953-005-002	Cotter Pin .178 x 3 9/16	2	29	81004409	Spacer	1
15	950-001-023	Hex Head Cap Screw 5/8-11 x 2 Gr. 5	1	30	81006067	19" Dia. Notched Poly Disc See Page 111 (Optional)	1

STRIP-TILL ATTACHMENT

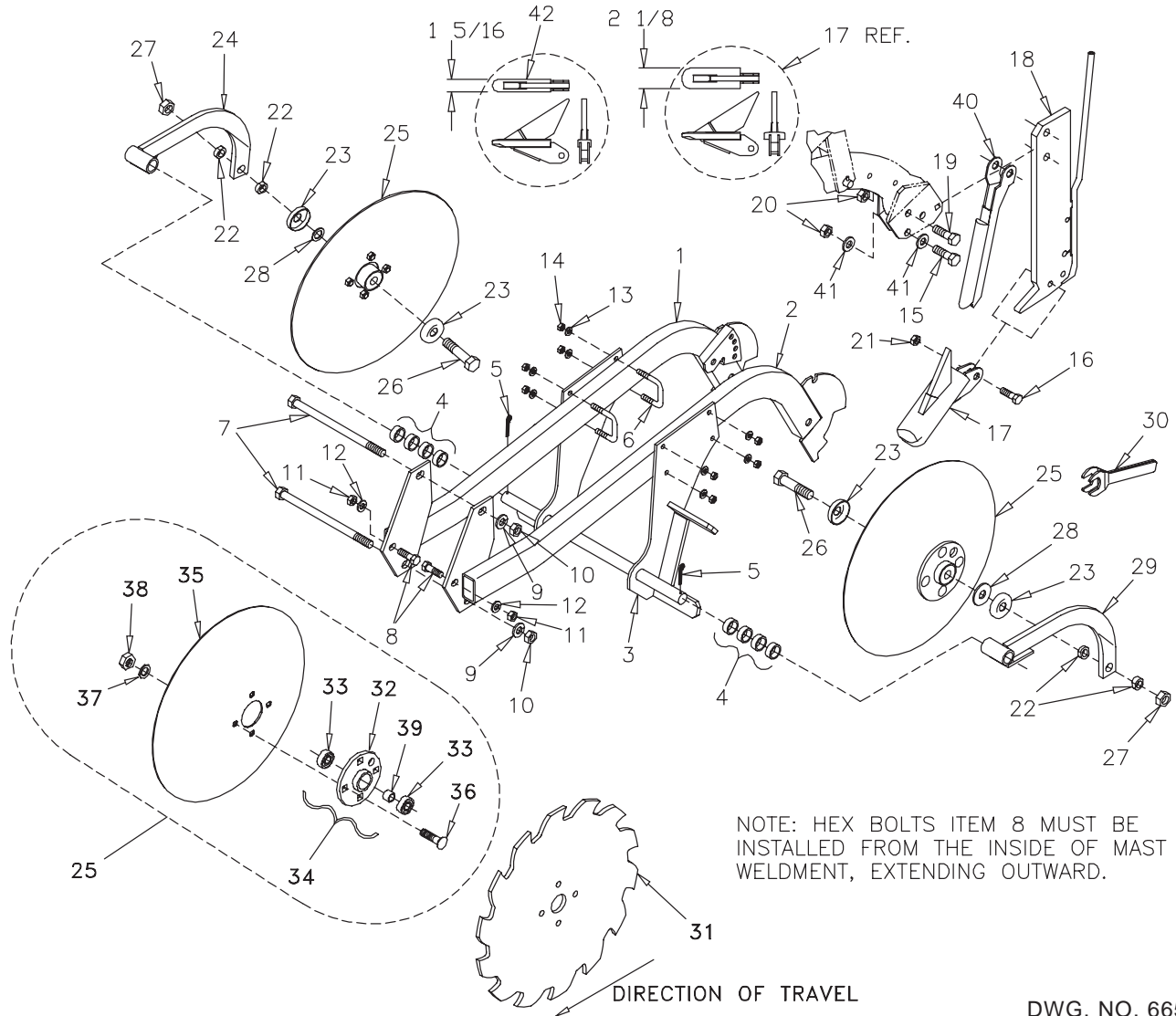
81005251 Tillage Unit Assembly 2007 & 2008



DWG. NO. 5862

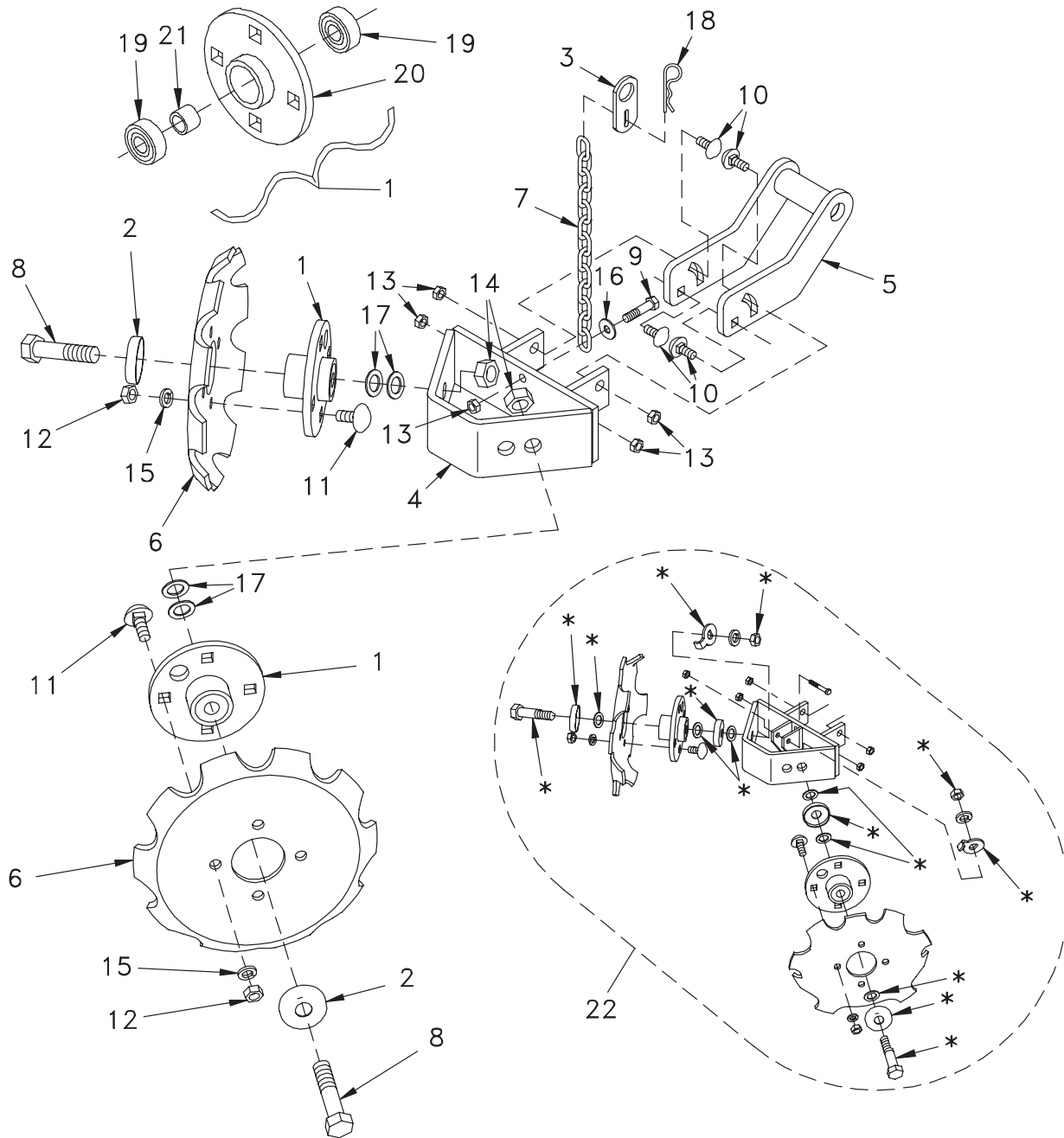
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	952-004-003	Machine Bushing 49/64 x 1 1/4 x .075	2	18	950-001-316	Hex Head Cap Screw 1/2-13 x 5 3/4 Gr. 5	2
2	950-001-024	Hex Head Cap Screw 5/8-11 x 2 1/2 Gr. 8	1	19	951-005-037	Lock Nut 2-Way 3/4-10	2
3	10304	Lock Nut 1/2-13	1	20	951-005-044	Lock Nut 2-Way 5/8-11	2
4	81004802	Dust Cap	4	21	81006101	Wear Edge Weldment	1
5	81004907	Spacer	2	22	81004410	4 Bolt Hub Weldment	1
6	81004908	Spacer 7/8"	4	23	600-02009	Ball Bearing .7500 Bore	2
7	81004909	Spacer 7/16"	2	24	81004407	Hub With Bearing Assembly	1
8	81005886	Point Weldment 2 1/8 Wide	1	25	81004918	Concave Disc 18"	1
9	81005257	Support Weldment	1	26	950-003-028	Carriage Bolt 1/2-13 x 1 1/4 Gr. 5	4
10	81004921	RH Support Weldment	1	27	952-001-004	Lock Washer 1/2 Inch	4
11	81004922	LH Support Weldment	1	28	951-001-007	Hex Nut 1/2-13	4
12	81005259	Angled Shank Weldment	1	29	81004409	Spacer	1
13	81004926	Concave Disc 18° W/Hub Assembly	2	30	81005256	Angled Washer	4
14	953-001-020	Cotter Pin 3/16 x 2 1/2	2	31	81005123	Spacer 1 3/4	2
15	950-001-023	Hex Head Cap Screw 5/8-11 x 2 Gr. 5	1	32	81005438	Wrench Assembly (Optional)	1
16	062060	Hex Head Cap Screw 3/4-10 x 4 1/4 Gr. 5	2	33	81005439	1 1/2 x 5 1/2 Narrow Point Weldment (Optional)	1
17	953-003-001	Spring Pin 7/16 x 1 1/2 Long	1	34	81006067	19" Dia. Notched Poly Disc See Page 111 (Optional)	1

81005898 Tillage Unit Assembly 2009 & Later



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005907	RH Side Tube Weldment	1	22	81005256	Angle Washer	4
2	81005906	LH Side Tube Weldment	1	23	81004802	Dust Cap	4
3	81005922	Support Weldment	1	24	81004921	RH Arm Weldment	1
4	81005921	Spacer 1/2 Long	8	25	81004926	Concave Disc 18" W/Hub Assembly	2
5	953-001-020	Cotter Pin 3/16 x 2 1/2	2	26	062060	Hex Head Cap Screw 3/4-10 x 4 1/4 Gr. 5	2
6	81005927	U-Bolt 3/8-16 x 2 15/16 Center	4	27	951-005-037	Lock Nut 2-Way 3/4-10	2
7	950-001-181	Hex Head Cap Screw 5/8-1 x 8 1/2 Gr. 5	2	28	952-004-003	Machine Bushing 49/64 x 1 1/4 x .075	2
8	950-001-111	Hex Head Cap Screw 1/2-13 x 1 1/4 Gr. 5	2	29	81004922	LH Arm Weldment	1
9	952-001-005	Lock Washer 5/8 Med Split SAE	2	30	81005412	Wrench Weldment (Optional)	1
10	951-001-008	Hex Nut 5/8-11	2	31	81006067	19" Notched Poly Disc Kit (Optional)	1
11	951-001-007	Hex Nut 1/2-13	2	32	81004410	4 Bolt Hub Weldment	1
12	952-001-004	Lock Washer 1/2 Med Split SAE	2	33	600-02009	Ball Bearing .7500 Bore	2
13	952-001-007	Lock Washer 3/8 Med Split SAE	8	34	81004407	Hub With Bearing Assembly	1
14	951-001-005	Hex Nut 3/8-16	8	35	81004918	Concave Disc 18"	1
15	950-001-024	Hex Head Cap Screw 5/8-11 x 2 1/2 Gr. 8	1	36	950-003-028	Carriage Bolt 1/2-13 x 1 1/4 Gr. 5	4
16	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	1	37	952-001-004	Lock Washer 1/2 Inch	4
17	81005917	Point Weldment	1	38	951-001-007	Hex Nut 1/2-13	4
18	81005914	Straight Shank Weldment	1	39	81004409	Spacer	1
19	950-001-023	Hex Head Cap Screw 5/8-11 x 2 Gr. 5	1	40	81006101	Wear Edge Weldment	1
20	951-005-044	Lock Nut 2-Way 5/8-11	2	41	952-002-007	Flat Washer 5/8 Inch	2
21	10304	Lock Nut 2-Way 1/2-13	1	42	81006132	Narrow Cast Point Weldment	1

Adjustable Row Cleaner Assembly 2005

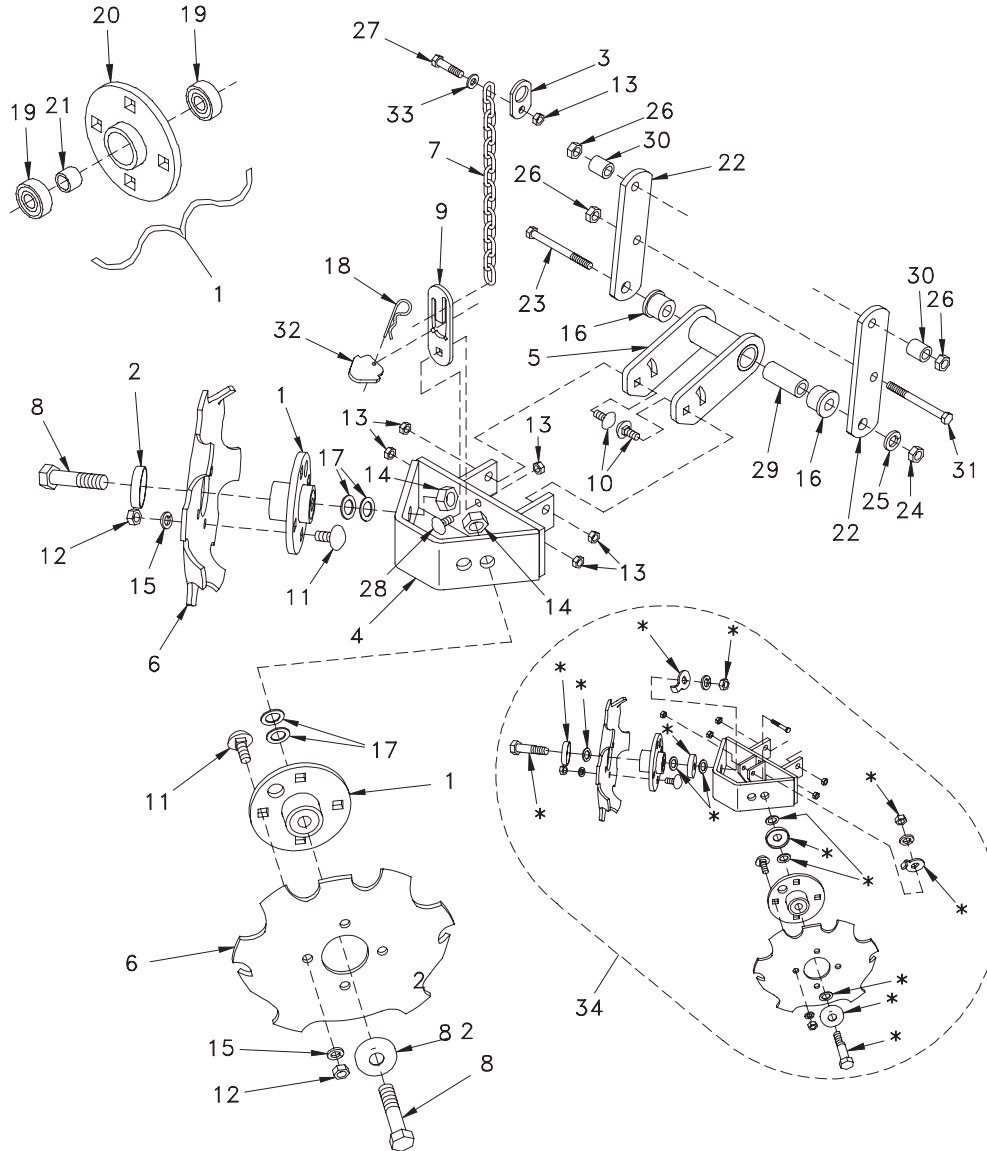


NOTE: See 81005820 2 Row, Row Cleaner Disc Lock Bolt Kit On Page 103.
Consists Of These Parts*

DWG. NO. 5759

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004407	Hub With Bearing Assembly	2	12	951-001-007	Hex Nut 1/2-13	8
2	81004802	Dust Cap	2	13	951-005-003	Lock Nut 3/8-16, Mac	5
3	81004927	Anchor Plate	1	14	951-005-037	Lock Nut 3/4-10, 2 Way	4
4	81004930	Push Frame Weldment	1	15	952-001-004	Lock Washer 1/2 Med Split SAE	8
5	81004933	Push Strap Weldment	1	16	952-002-003	Flat Washer 3/8 WRT	1
6	81004935	Noched Disc 12"	2	17	952-004-003	Mach Bushing 25/32 x 1 1/4 x .075	4
7	850-001-303	Chain	1	18	953-005-003	Cotter Pin-Hair .148 x 2 3/4	1
8	950-001-069	Hex Head Cap Screw 3/4-10 x 3 1/4 Gr. 5	2	19	600-02009	Ball Bearing .7500 Bore	2
9	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	1	20	81004410	4 Bolt Hub Weldment	1
10	950-003-007	Carriage Bolt 3/8-16 x 1 1/4 Gr. 5	4	21	81004409	Spacer	1
11	950-003-028	Carriage Bolt 1/2-13 x 1 1/4 Gr. 5	8	22	81005820	2 Row Cleaner Disc Bolt Kit	1

81005000 Adjustable Row Cleaner Assembly 2006



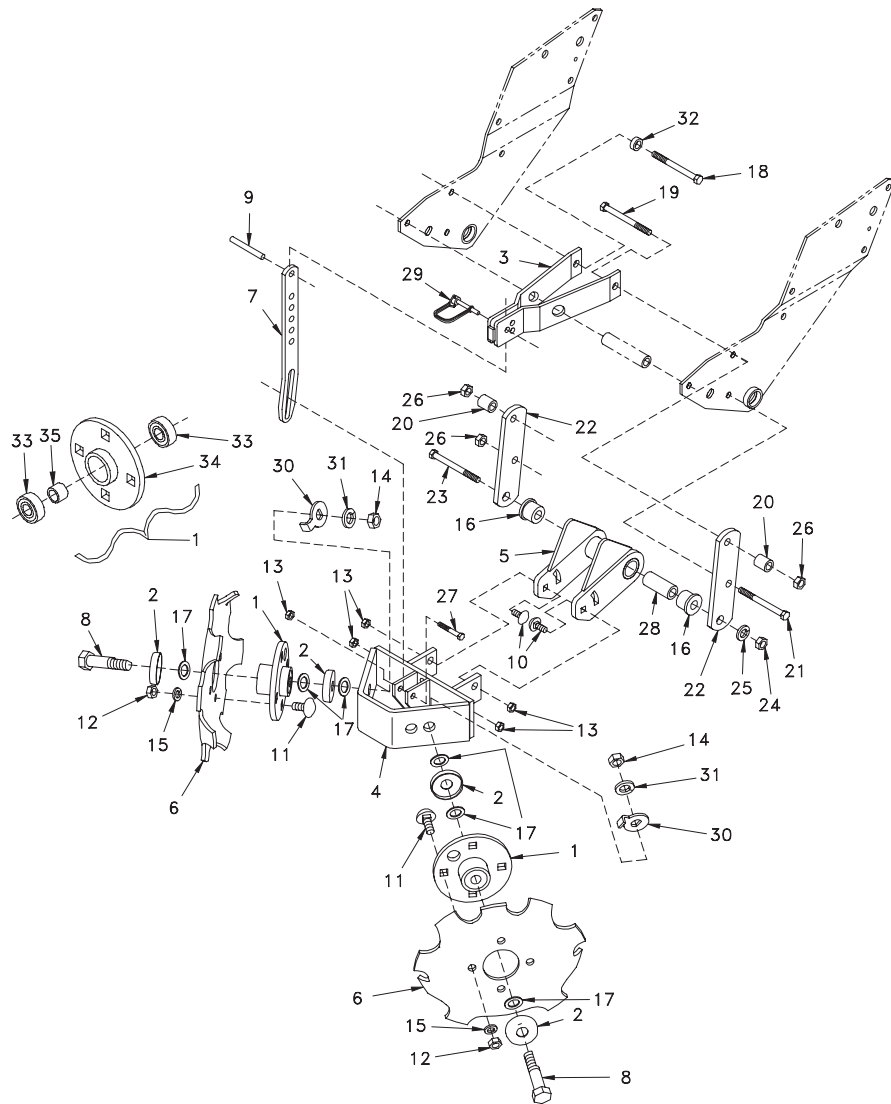
NOTE: See 81005820 2 Row, Row Cleaner Disc Lock Bolt Kit On Page 103.
Consists Of These Parts*

DWG. NO. 5788

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004407	Hub With Bearing Assembly	2	18	953-005-003	Cotter Pin .148 x 2 3/4	1
2	81004802	Dust Cap	2	19	600-02009	Bearing 3/4	2
3	81005009	Top Anchor Plate	1	20	81004410	4 Bolt Hub Weldment	1
4	81005013	Push Frame Weldment	1	21	81004409	Spacer	1
5	81005014	Push Strap Weldment	1	22	81005011	Mount Strap	2
6	81004935	Notched Disc 12"	2	23	950-001-161	Hex Head Cap Screw 5/8-11 x 6 Gr. 5	1
7	850-001-303	Chain	1	24	951-001-008	Hex Nut 5/8-11	1
8	950-001-069	Hex Head Cap Screw 3/4-10 x 3 1/4 Gr. 5	2	25	952-001-005	Lock Washer 5/8 Med Split SAE	1
9	81005005	Bottom Anchor	1	26	10304	Lock Nut 1/2-13	3
10	950-003-007	Carriage Bolt 3/8-16 x 1 1/4 Gr. 5	4	27	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	1
11	950-003-028	Carriage Bolt 1/2-13 x 1 1/4 Gr. 5	8	28	950-003-029	Carriage Bolt 3/8-16 x 1 Gr. 5	1
12	951-001-007	Hex Nut 1/2-13	8	29	81005007	Spacer	1
13	951-005-003	Lock Nut Hex Mac 3/8-16	6	30	81005006	Tube	2
14	951-005-037	Lock Nut 2-way 3/4-10	2	31	031-06219	Hex Head Cap Screw 1/2-13 x 6 Gr. 5	1
15	952-001-004	Lock Washer 1/2 Med Split SAE	8	32	81005012	Lock Plate	1
16	80504335	Flange Bushing	2	33	952-002-003	Flat Washer 3/8 WRT	1
17	952-004-003	Mach Bushing 49/64 x 1 1/4 x .075	4	34	81005820	2 Row Cleaner Disc Bolt Kit	1

STRIP-TILL ATTACHMENT

81005129 Adjustable Row Cleaner Assembly 2007 & Later

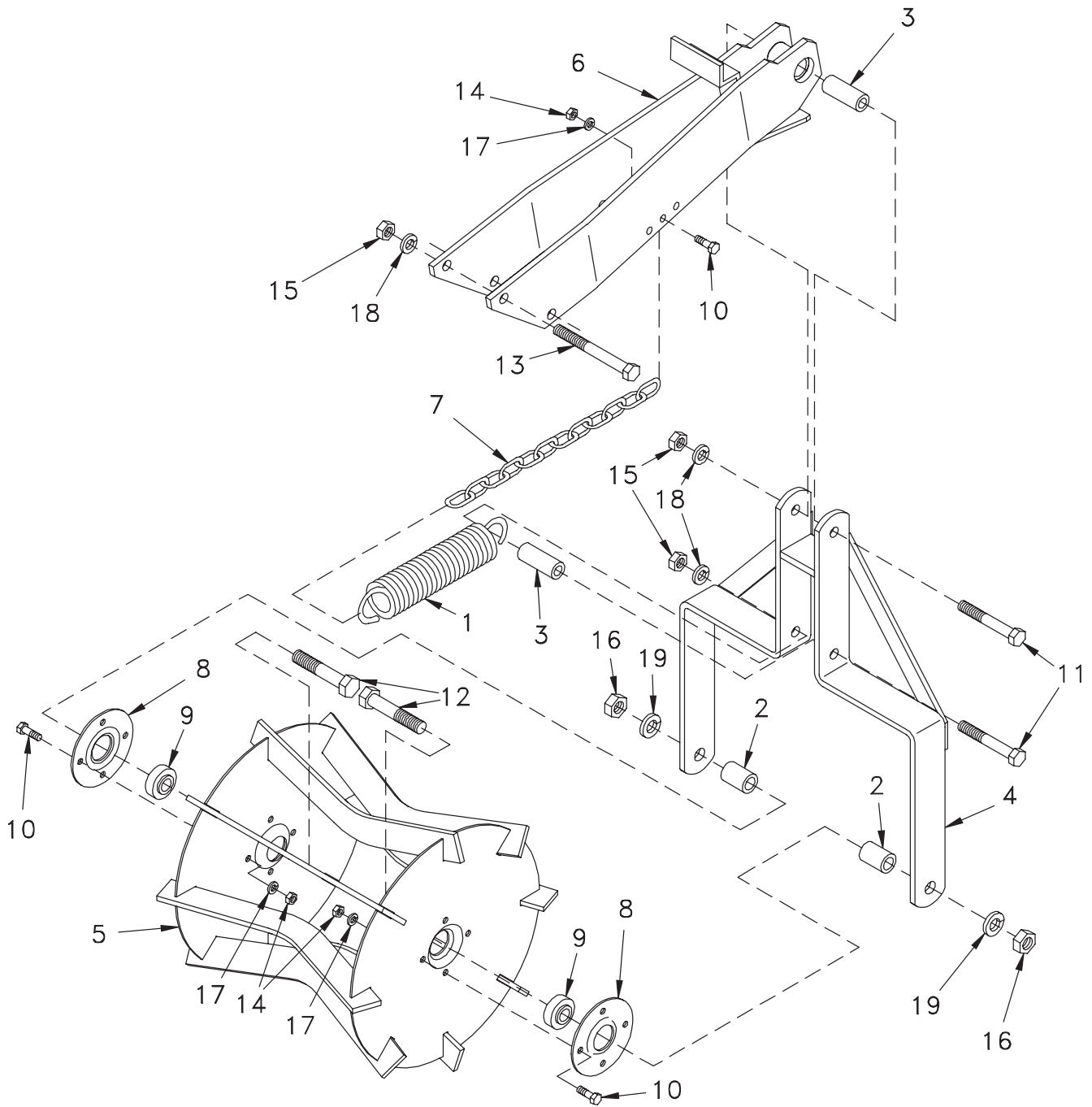


NOTE: See 81005820 2 Row, Row Cleaner Disc Lock Bolt Kit On Page 103.

DWG. NO. 5864

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004407	Hub With Bearing Assembly	2	19	950-001-159	Hex Head Cap Screw 1/2-13 x 2 1/2 Gr. 5	1
2	81004802	Dust Cap	2	20	81005006	Tube	2
3	81005124	Top Anchor Plate Weldment	1	21	031-06219	Hex Head Cap Screw 1/2-13 x 6 Gr. 5	1
4	81005243	Push Frame Weldment	1	22	81005011	Mount Strap	2
5	81005321	Push Strap Weldment	1	23	950-001-161	Hex Head Cap Screw 5/8-11 x 6 Gr. 5	1
6	81004935	Notched Disc 12"	2	24	951-001-008	Hex Nut 5/8-11	1
7	81005884	Pull Strap	1	25	952-001-005	Lock Washer 5/8 Inch Med Split SAE	1
8	81005816	Locking Hex Bolt 3/4-10 x 4 Gr. 8	2	26	10304	Lock Nut 1/2-13	3
9	953-003-025	Slotted Spring Pin 3/8 x 3	1	27	950-001-108	Hex Head Cap Screw 3/8-16 x 1 1/2 Gr. 5	1
10	950-003-007	Carriage Bolt 3/8-16 x 1 1/4 Gr. 5	4	28	81005007	Spacer	1
11	950-003-028	Carriage Bolt 1/2-13 x 1 1/4 Gr. 5	8	29	81005172	Safety Snap Pin 3/8 x 2 1/4	1
12	951-001-007	Hex Nut 1/2-13	8	30	81005815	Locking Tab	2
13	951-005-003	Hex Mac Lock Nut 3/8-16	5	31	952-001-006	Lock Washer 3/4 Inch	2
14	951-001-009	Hex Nut 2-Way 3/4-10	2	32	81005951	Tube	1
15	952-001-004	Lock Washer 1/2 Inch Med Split SAE	8	33	600-02009	Ball Bearing .7500 Bore	2
16	80504335	Flange Bushing	2	34	81004410	4 bolt hub weldment	1
17	952-004-079	Machine Bushing 49/64 x 1 1/4 Hardened	6	35	81004409	Spacer	1
18	950-001-075	Hex Head Cap Screw 1/2-13 x 3 Gr. 5	1				

81004900 13" Wide Rolling Basket Assembly 2005

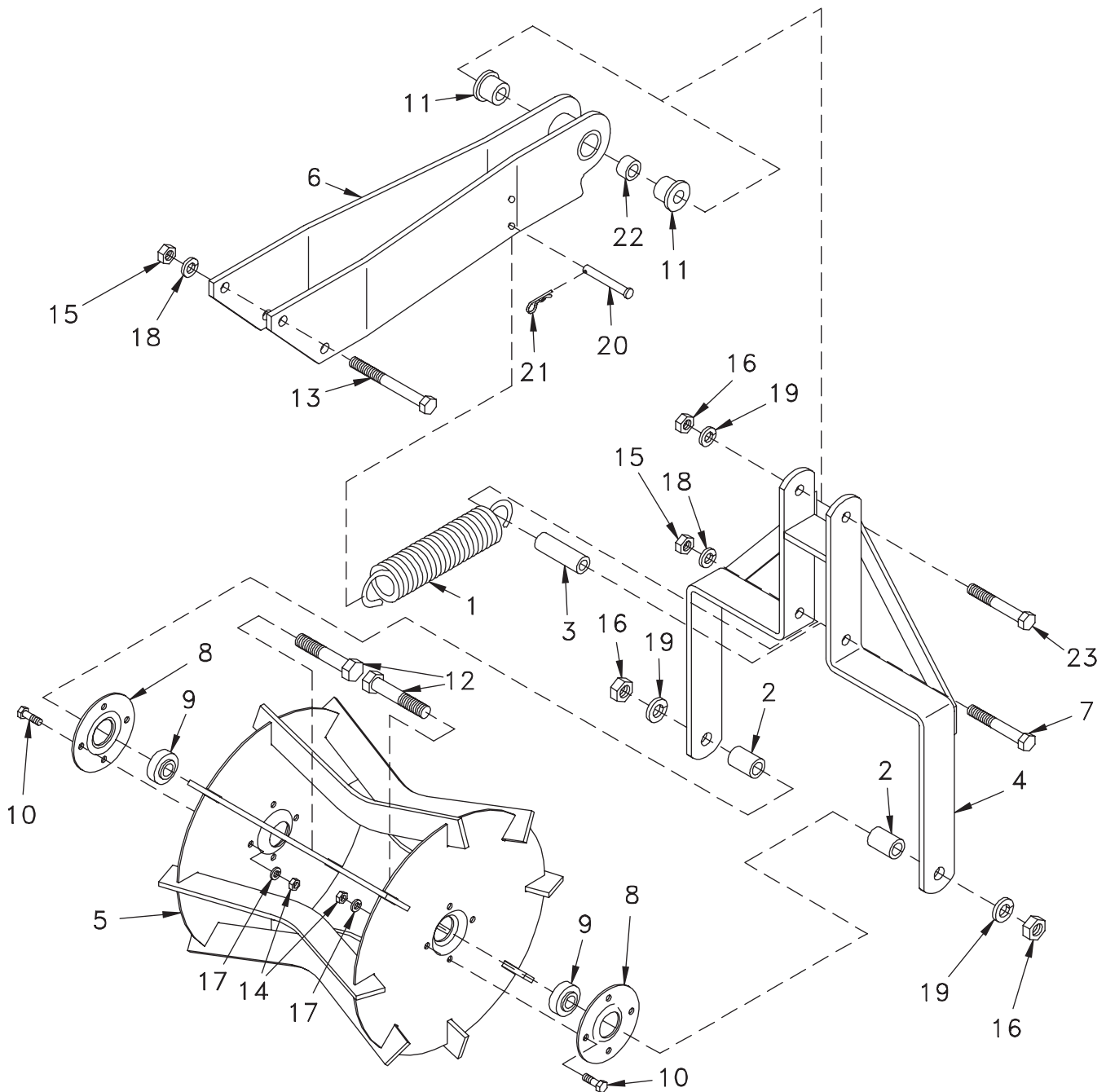


DWG. NO. 5758

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	805-003-214	Spring	1	11	950-001-142	Hex Head Cap Screw 1/2-13 x 3 1/2 Gr. 5	2
2	81004937	Spacer	2	12	950-001-162	Hex Head Cap Screw 5/8-11 x 3 1/4 Gr. 5	2
3	81004939	Inner Tube	2	13	950-001-284	Hex Head Cap Screw 1/2-13 x 4 3/4 Gr. 5	2
4	81004942	Mount Strap Weldment	1	14	951-001-004	Hex Nut 5/16-18	9
5	81004945	Basket Weldment	2	15	951-001-007	Hex Nut 1/2-13	4
6	NA	Front Support Weldment	1	16	951-001-008	Hex Nut 5/8-11	2
7	850-001-303	Chain	1	17	952-001-002	Lock Washer 5/16 Med Split SAE	9
8	875-001-006	Bearing Retainer	2	18	952-001-004	Lock Washer 1/2 Med Split SAE	4
9	875-001-007	Wheel Bearing SKF 6203VMA	2	19	952-001-005	Lock Washer 5/8 Med Split SAE	2
10	950-001-110	Hex Head Cap Screw 5/16-18 x 1 Gr. 5	9				

STRIP-TILL ATTACHMENT

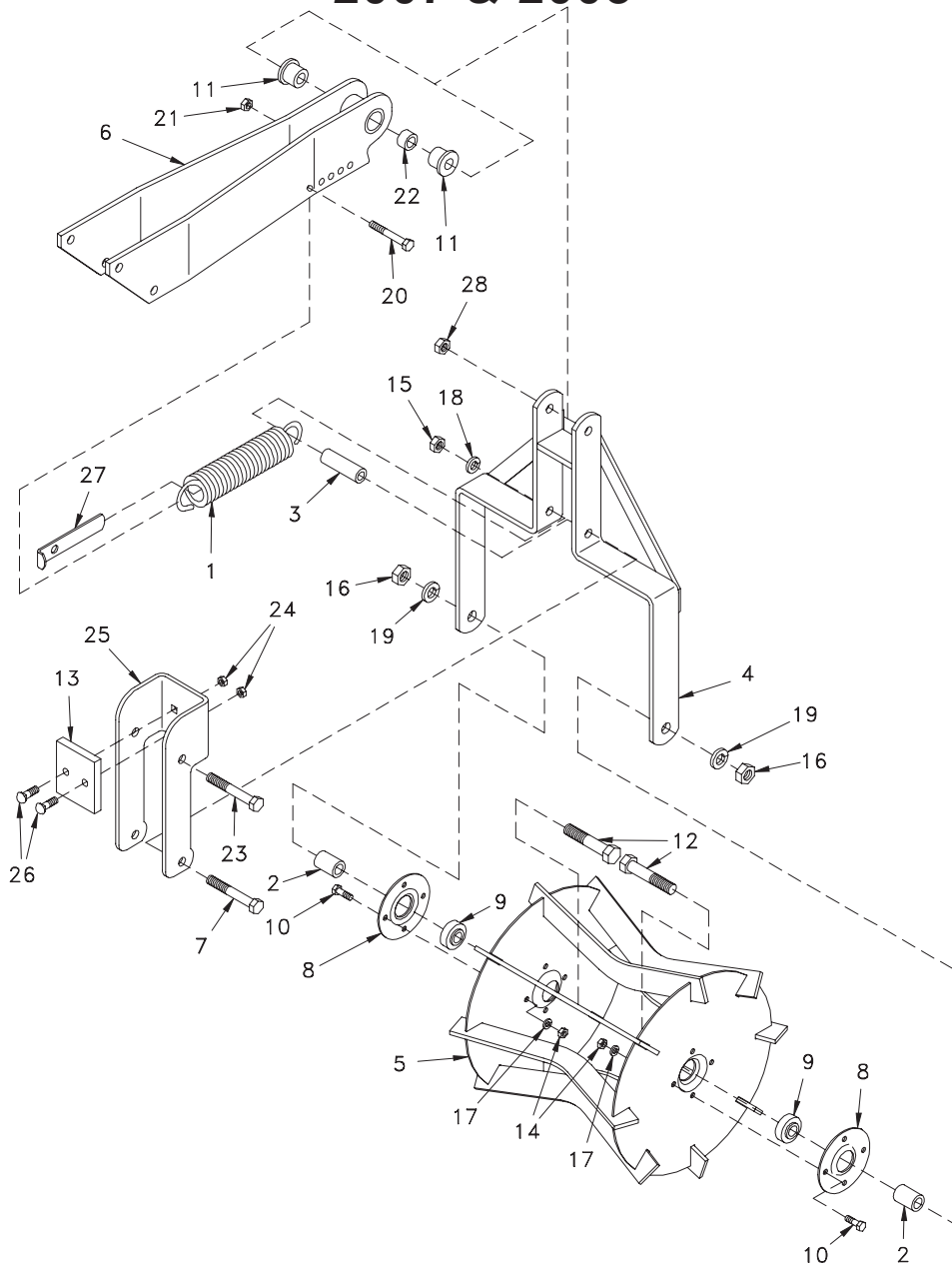
81005001 13" Wide Rolling Basket Assembly 2006



DWG. NO. 5787

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	805-003-214	Spring	1	13	950-001-284	Hex Head Cap Screw 1/2-13 x 4 3/4 Gr. 5	2
2	81004937	Spacer	2	14	951-001-004	Hex Nut 5/16-18	8
3	81005019	Inner Spacer	1	15	951-001-007	Hex Nut 1/2-13	3
4	81005024	Mount Strap Weldment	1	16	951-001-008	Hex Nut 5/8-11	3
5	81004945	Basket Weldment	1	17	952-001-002	Lock Washer 5/16 Med Split SAE	8
6	81005025	Front Support Weldment	1	18	952-001-004	Lock Washer 1/2 Med Split SAE	3
7	950-001-124	Hex Head Cap Screw 1/2-13 x 4	1	19	952-001-005	Lock Washer 5/8 Med Split SAE	3
8	875-001-006	Bearing Retainer	2	20	953-002-048	Clevis Pin 3/8 x 2 3/4	1
9	875-001-007	Wheel Bearing SKF 6203VMA	2	21	953-005-005	Hair Pin, Cotter 3/32 x 1 7/8	1
10	950-001-110	Hex Head Cap Screw 5/16-18 x 1 Gr. 5	8	22	81005018	Spacer	1
11	80504335	Flange Bushing	2	23	950-001-130	Hex Head Cap Screw 5/8-11 x 4 1/4 Gr. 5	1
12	950-001-162	Hex Head Cap Screw 5/8-11 x 3 1/4 Gr. 5	2				

81005001 13" Wide Rolling Basket Assembly 2007 & 2008

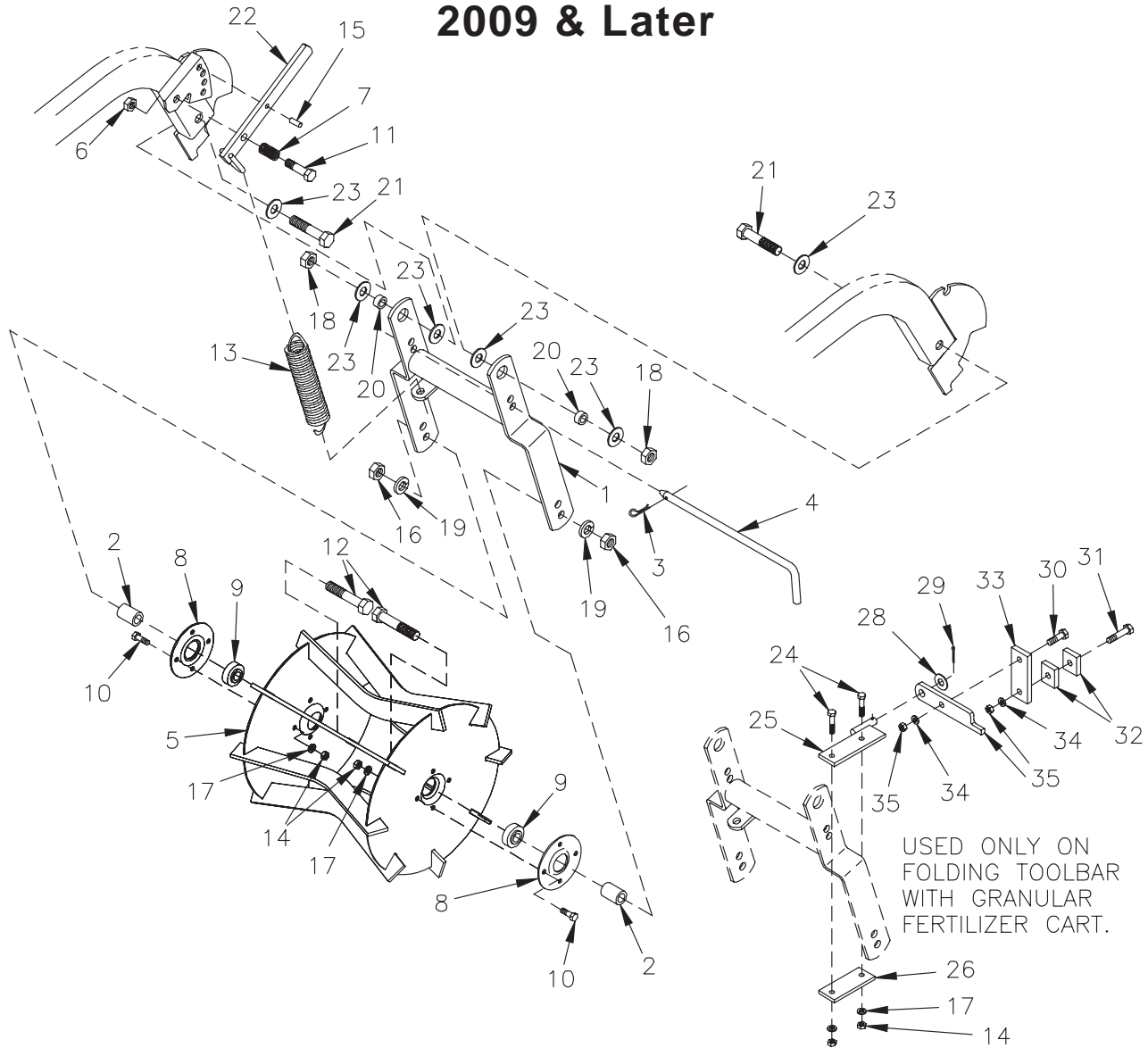


DWG. NO. 5863

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	805-003-214	Spring	1	15	951-001-007	Hex Nut 1/2-13	1
2	81004937	Spacer	2	16	951-001-008	Hex Nut 5/8-11	2
3	81005019	Inner Spacer	1	17	952-001-002	Lock Washer 5/16 Med Split SAE	8
4	81005024	Mount Strap Weldment	1	18	952-001-004	Lock Washer 1/2 Med Split SAE	1
5	81004945	Basket Weldment	1	19	952-001-005	Lock Washer 5/8 Med Split SAE	2
6	81005025	Front Support Weldment	1	20	700-20056	Hex Head Cap Screw 3/8-16 x 2 3/4 Gr. 8	1
7	950-001-126	Hex Head Cap Screw 1/2-13 x 4 1/2 Gr. 5	1	21	951-003-002	Hex Nut 3/8-16 Nylon Insert	1
8	875-001-006	Bearing Retainer	2	22	81005018	Spacer	1
9	875-001-007	Wheel Bearing	2	23	950-001-131	Hex Head Cap Screw 5/8-11 x 4 1/2 Gr. 5	1
10	950-001-110	Hex Head Cap Screw 5/16-18 x 1 Gr. 5	8	24	951-002-003	Whiz Lock Nut 3/8-16	2
11	80504335	Flange Bushing	2	25	81005322	Stop	1
12	950-001-162	Hex Head Cap Screw 5/8-11 x 3 1/4 Gr. 5	2	26	950-003-029	Carriage Bolt 3/8-16 x 1 Gr. 5	2
13	81005323	Rubber Cushion	1	27	81005324	Spring Guide	1
14	951-001-004	Hex Nut 5/16-18	8	28	951-005-044	2-Way Lock Nut 5/8-11	1

STRIP-TILL ATTACHMENT

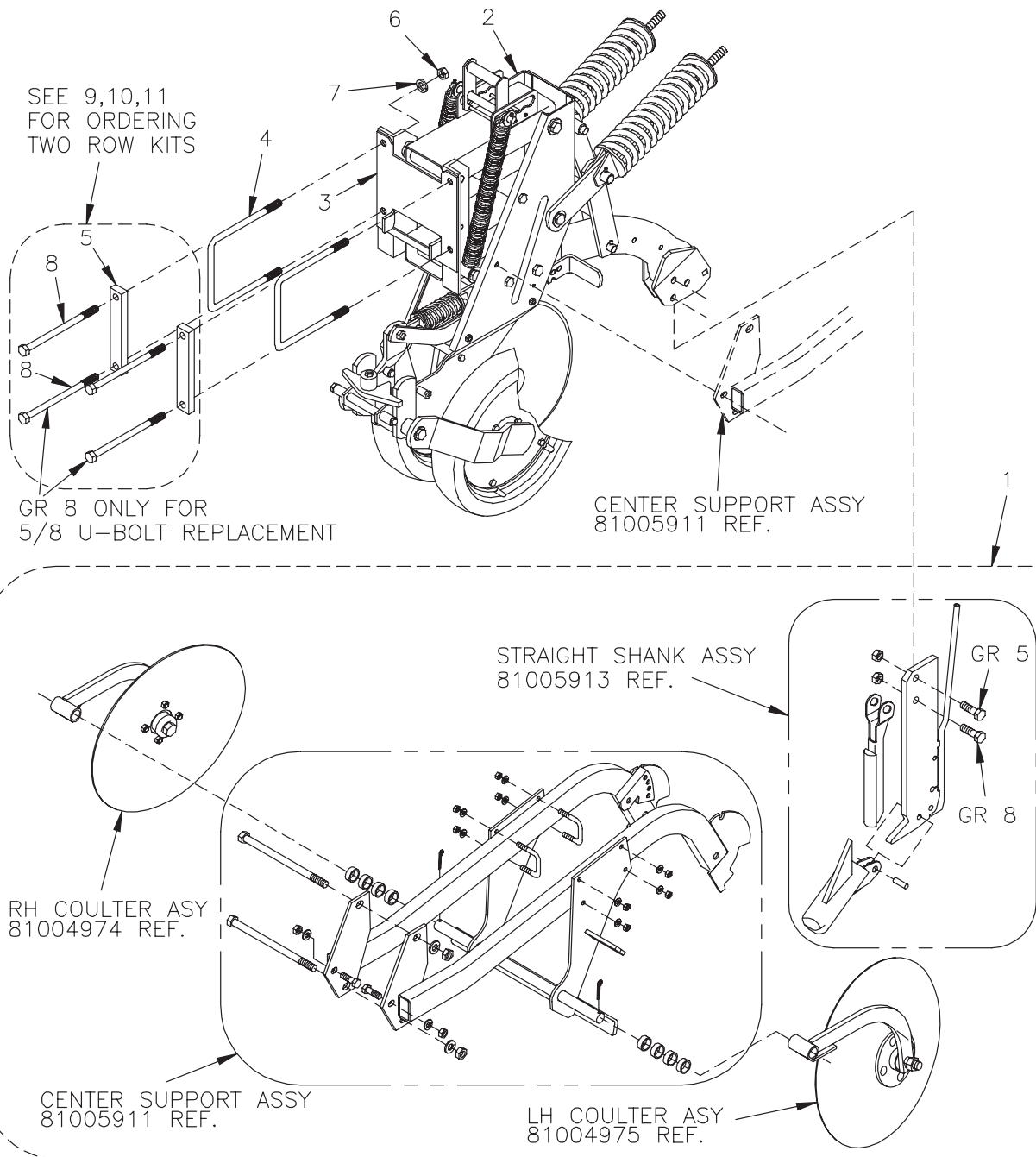
**81005899 13" Wide Rolling Basket Assembly
2009 & Later**



DWG. NO. 6435

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005932	Mount Strap Weldment	1	19	952-001-005	Lock Washer 5/8 Med Split SAE	2
2	81004937	Spacer	2	20	81005928	Sleeve Bearing	2
3	953-005-003	Cotter Pin Hair .148 x 2 3/4	1	21	950-001-141	Hex Head Cap Screw 5/8-11 x 3 Gr. 5	2
4	81005931	Pin	1	22	81005929	Handle Weldment	1
5	81004945	Basket Weldment	1	23	952-002-007	Standard Flat Washer 5/8 Inch	6
6	10304	Lock Nut 1/2-13	1	24	950-001-200	Hex Head Cap Screw 5/16-18 x 1 1/4 Gr. 5	2
7	80305696	Compression Spring	1	25	81006106	Pivot Mount Weldment	1
8	875-001-006	Bearing Retainer	2	26	81006109	Clamp Plate	1
9	875-001-007	Wheel Bearing	2	27	81006112	Lock Plate	1
10	950-001-110	Hex Head Cap Screw 5/16-18 x 1 Gr. 5	8	28	952-002-005	Standard Flat Washer 1/2 Inch	1
11	950-001-112	Hex Head Cap Screw 1/2-13 x 2 Gr. 5	1	29	035-42032	Cotter Pin 5/32 x 1	1
12	950-001-162	Hex Head Cap Screw 5/8-11 x 3 1/4 Gr. 5	2	30	950-001-106	Hex Head Cap Screw 3/8-16 x 1 1/4 Gr. 5	1
13	805-003-214	Spring	1	31	950-001-092	Hex Head Cap Screw 3/8-16 x 1 3/4 Gr. 5	1
14	951-001-004	Hex Nut 5/16-18	10	32	81006110	Weights	2
15	953-003-013	Slotted Spring Pin 5/16 x 7/8	1	33	81006111	Weight Support	1
16	951-001-008	Hex Nut 5/8-11	2	34	952-001-007	Lock Washer 3/8 Inch Med Split SAE	2
17	952-001-002	Lock Washer 5/16 Med Split SAE	10	35	951-001-005	Hex Nut 3/8-16	2
18	951-005-044	Lock Nut 5/8-11, 2-Way	2				

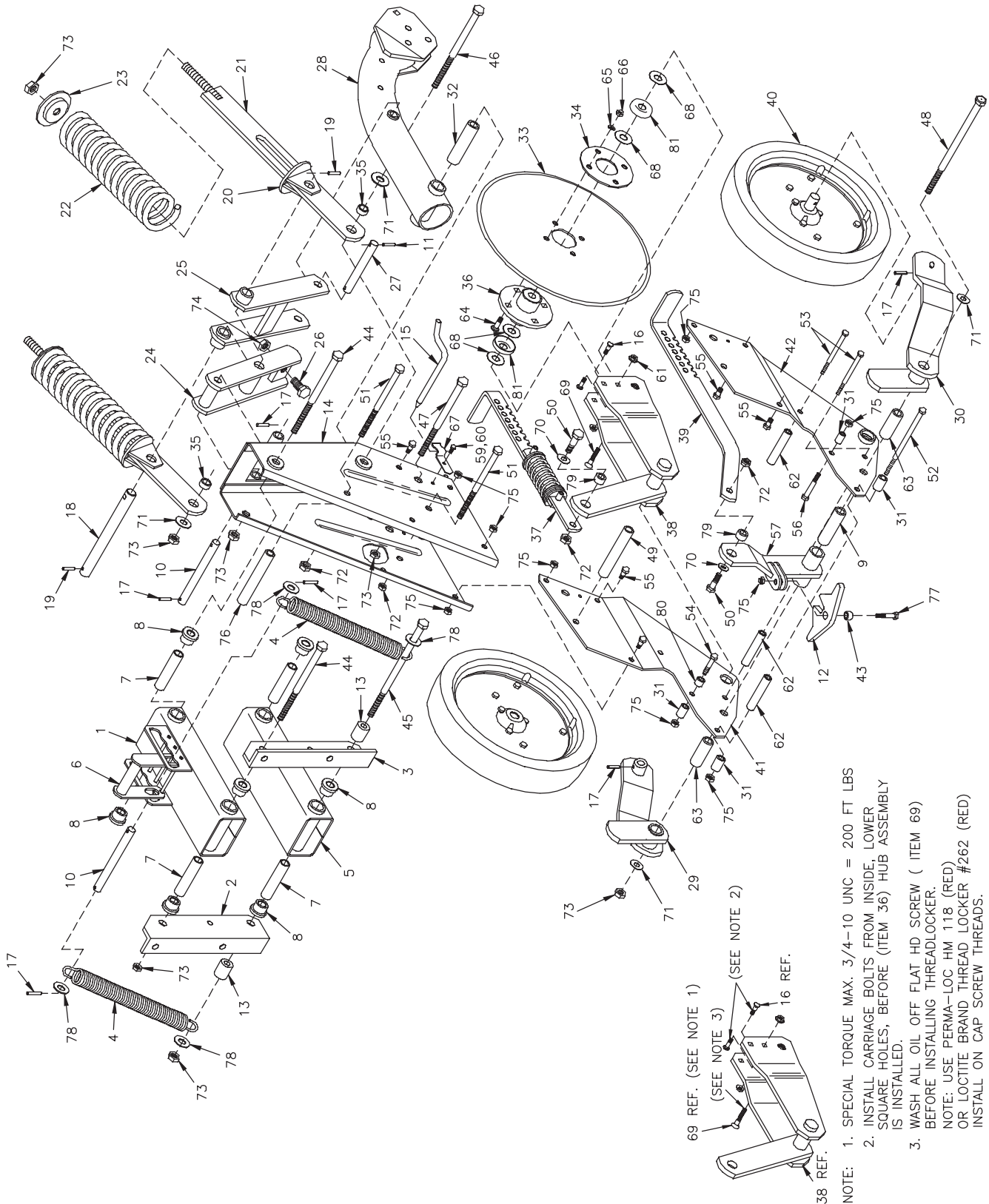
Strip-Till Tillage Unit Assembly



DWG. NO. 6497

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005898	Tillage Unit Assy (See Page 5)	1	9	81005817	2 Row Kit (Fits 7 x 7) Toolbar Consists Of (4) 81005764 Mount Bar (8) 950-001-326 Hex Head Cap Screw 5/8-11 x 9 Gr. 8	
2	81005579	Tillage Unit Assy 3/4 MT U-Bolt (See Page 14-15)	1				
3	81005577	Support Plate For 3/4 U-Bolt	1				
	81004034	Support Plate For 5/8 U-Bolt	1	10	81005818	2 Row Kit (Fits 5 x 7) Toolbar Consists Of (4) 81005764 Mount Bar (8) 950-001-318 Hex Head Cap Screw 5/8-11 x 7 Gr. 8	
4	875-001-038	U-Bolt 3/4	2				
	805-001-332	U-Bolt 5/8	2				
5	81005764	Mount Bar	2	11	81005819	2 Row Kit (Near Folding Hinge) Strip Till Toolbar 06 12R30 Only Consists Of (2) 81005764 Mount Bar (8) 950-001-328 Hex Head Cap Screw 5/8-11 x 9 1/2 Gr. 8	
6	951-001-009	Hex Nut 3/4-10	4				
7	952-001-006	Lock Washer 3/4	4				
8	950-001-326	Hex Head Cap Screw 5/8-11 x 9 Gr. 8	4				

81005579 Tillage Unit Assembly



69 REF. (SEE NOTE 1)
 (SEE NOTE 3)
 38 REF.

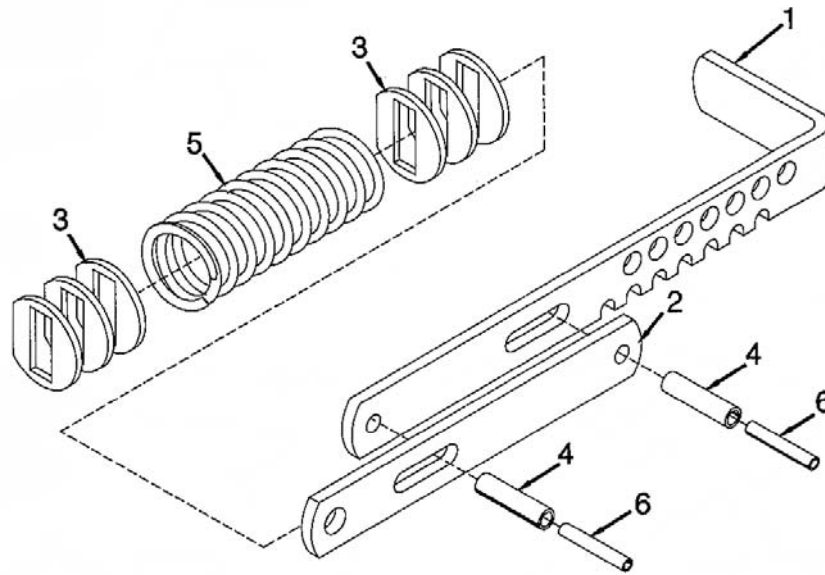
NOTE: 1. SPECIAL TORQUE MAX. 3/4-10 UNC = 200 FT LBS
 2. INSTALL CARRIAGE BOLTS FROM INSIDE, LOWER SQUARE HOLES, BEFORE (ITEM 36) HUB ASSEMBLY IS INSTALLED.
 3. WASH ALL OIL OFF FLAT HD SCREW (ITEM 69) BEFORE INSTALLING THREADLOCKER.
 NOTE: USE PERMA-LOC HM 118 (RED) OR LOCTITE BRAND THREAD LOCKER #262 (RED) INSTALL ON CAP SCREW THREADS.

STRIP-TILL TILLAGE UNIT

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004018	Upper Parallel Link Weldment	1	41	81004054	RH Side Plate Weldment	1
2	81005573	RH Angle For 3/4 U-Bolt	1	42	81004053	LH Side Plate Weldment	1
	81004000	RH Angle For 5/8 U-Bolt	1	43	81004049	Pivot Bushing	1
3	81005574	LH Angle For 3/4 U-Bolt	1	44	950-001-229	Hex Head Cap Screw 3/4-10 x 8 Gr.5	2
	81004001	LH Angle For 5/8 U-Bolt	1	45	950-001-225	Hex Head Cap Screw 3/4-10 x 11 Gr. 5	1
4	81004003	Extension Spring	2	46	950-001-264	Hex Head Cap Screw 3/4-10 x 9 1/2 Gr. 5	1
5	81004010	Lower Link Weldment	1	47	950-001-153	Hex Head Cap Screw 3/4-10 x 7 1/2 Gr. 5	1
6	81004015	Handle Weldment	1	48	950-001-273	Hex Head Cap Screw 3/4-10 x 12 Gr. 5	1
7	81004008	Inner Bushing	4	49	81004031	Tube	1
8	81004019	Flange Bearing	8	50	950-001-132	Hex Head Cap Screw 5/8-11 x 1 3/4 Gr. 5	2
9	81004033	Tube	1	51	950-001-165	Hex Head Cap Screw 5/8-11 x 7 1/2 Gr. 5	2
10	25010376	Rod	2	52	950-001-259	Hex Head Cap Screw 1/2-13 x 8 Gr. 5	1
11	953-003-009	Spring Pin 3/8 x 1 3/4	2	53	950-001-060	Hex Head Cap Screw 1/2-13 x 5 Gr. 5	2
12	81004564	Pivot Link	1	54	950-001-135	Hex Head Cap Screw 1/2-13 x 2 3/4 Gr. 5	1
13	81004005	Spacer	2	55	950-001-231	Hex Head Cap Screw 1/2-13 x 1 Gr. 5	6
14	81004435	Mast Weldment	1	56	031-06208	Hex Head Cap Screw 1/2-13 x 2 1/4 Gr. 5	1
15	81004093	Pin	1	57	81004434	Lift Arm Weldment	1
16	030-16067	Carriage Bolt 3/8-16 x 3/4	2	58	81004029	Tube	1
17	953-003-018	Spring Pin 1/4 x 1 1/4	6	59	950-001-117	Hex Head Cap Screw 1/4-20 x 3/4 Gr. 5	1
18	81004083	Pin	1	60	951-002-001	Lock Nut 1/4-20 Whiz Lock	1
19	953-003-019	Spring Pin 1/2 x 2	2	61	951-005-003	Lock Nut 3/8-16 UNC Mac-Lock	2
20	81004082	Disc Plate Weldment	2	62	81004030	Tube	3
21	81004076	Strap Weldment	2	63	81004027	Tube	2
22	81004098	Compression Spring	2	64	950-003-028	Carriage Bolt 1/2-13 x 1 1/4 Gr. 5	4
23	81004090	Washer	2	65	952-001-004	Lock Washer 1/2	4
24	81004072	Adjusting Link Weldment	1	66	951-001-007	Hex Nut 1/2-13	4
25	81004075	Link Weldment	1	67	81004112	Flat Spring	1
26	950-001-202	Hex Head Cap Screw 3/4-10 x 2 1/4 Gr. 5	1	68	952-004-003	Machine Bushing 49/64 x 1 1/4 x .075	4
27	81004070	Bottom Pin	1	69	950-011-044	Flat Head Screw 3/4-10 x 3 1/4 Gr. 8	1
28	81004432	Shank Weldment	1	70	952-002-007	Flat Washer 5/8	2
29	81004044	RH Gauge Wheel Arm Weldment	1	71	952-002-008	Flat Washer 3/4	4
30	81004043	LH Gauge Wheel Arm Weldment	1	72	951-005-044	Lock Nut 5/8-11 2-Way	4
31	81004032	Tube	4	73	951-005-037	Lock Nut 3/4-10 2-Way	8
32	81004067	Sleeve	1	74	951-005-052	Jam Nut 3/4-10	1
33	805-001-001	18 Inch Coultter	1	75	10304	Lock Nut 1/2-13 2-Way	12
34	805-001-015	Backup Washer	1	76	81004028	Tube	1
35	81004061	Bushing	2	77	950-001-112	Hex Head Cap Screw 1/2-13 x 2 Gr. 5	1
36	81004407	Hub Assembly (See Page 17)	1	78	033-12013	Flat Washer 3/4 SAE Plated	4
37	81004080	Adjusting Strap Assembly (See Page 16)	1	79	81004025	Pivot Bushing	2
38	81004414	Support Weldment	1	80	81004029	Tube	1
39	81004048	Gauge Wheel Pull Strap	1	81	81004802	Dust Cap	2
40	81004052	4 x 16 Tire & Rim Assembly (See Page 16)	2				

STRIP-TILL TILLAGE UNIT

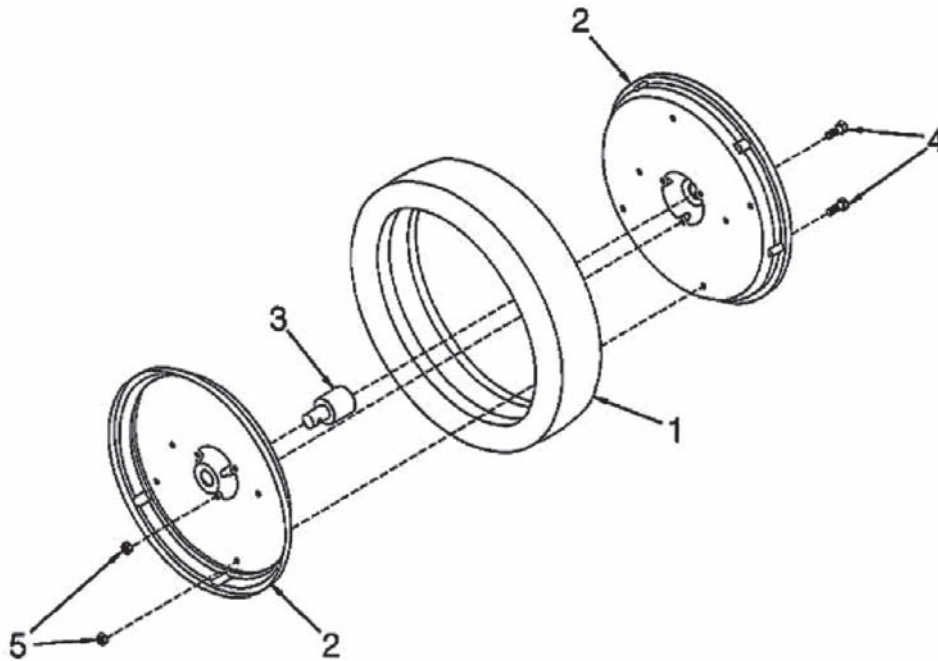
COULTER ADJUSTING STRAP



DWG. NO. 2878

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004047	Coulter Pull Strap	1	4	953-003-019	Spring Pin 1/2x2	2
2	81004046	Strap	1	5	81004078	Spring	1
3	81004050	Adjusting Washer	6	6	953-003-017	Spring Pin 5/16x2	2

GAUGE WHEEL 4 X 16 TIRE ASSEMBLY

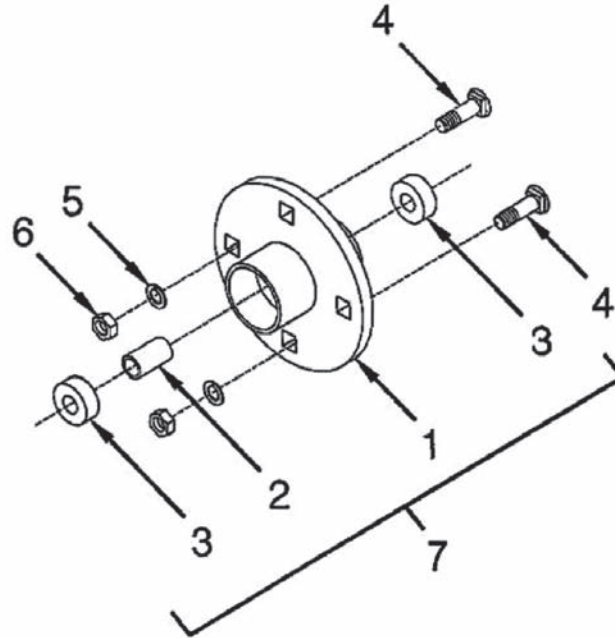


DWG. NO. 2879

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	Lock Nut 5/16-18 2-Way	7
3	81004002	Bearing W/Outer Bushing	1				

STRIP-TILL TILLAGE UNIT

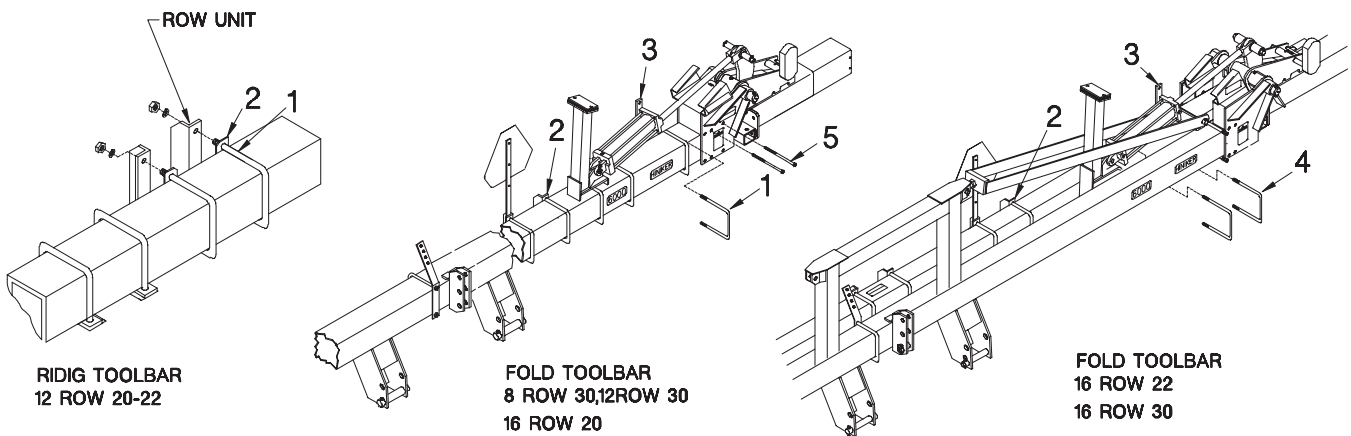
COULTER HUB ASSEMBLY 2 INCH WIDE SERIAL NO. ENDING 101 OR HIGHER



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	950-003-328	Carriage Bolt 1/2-13 x 1 1/4	4				

TILLAGE UNIT MOUNTING HARDWARE

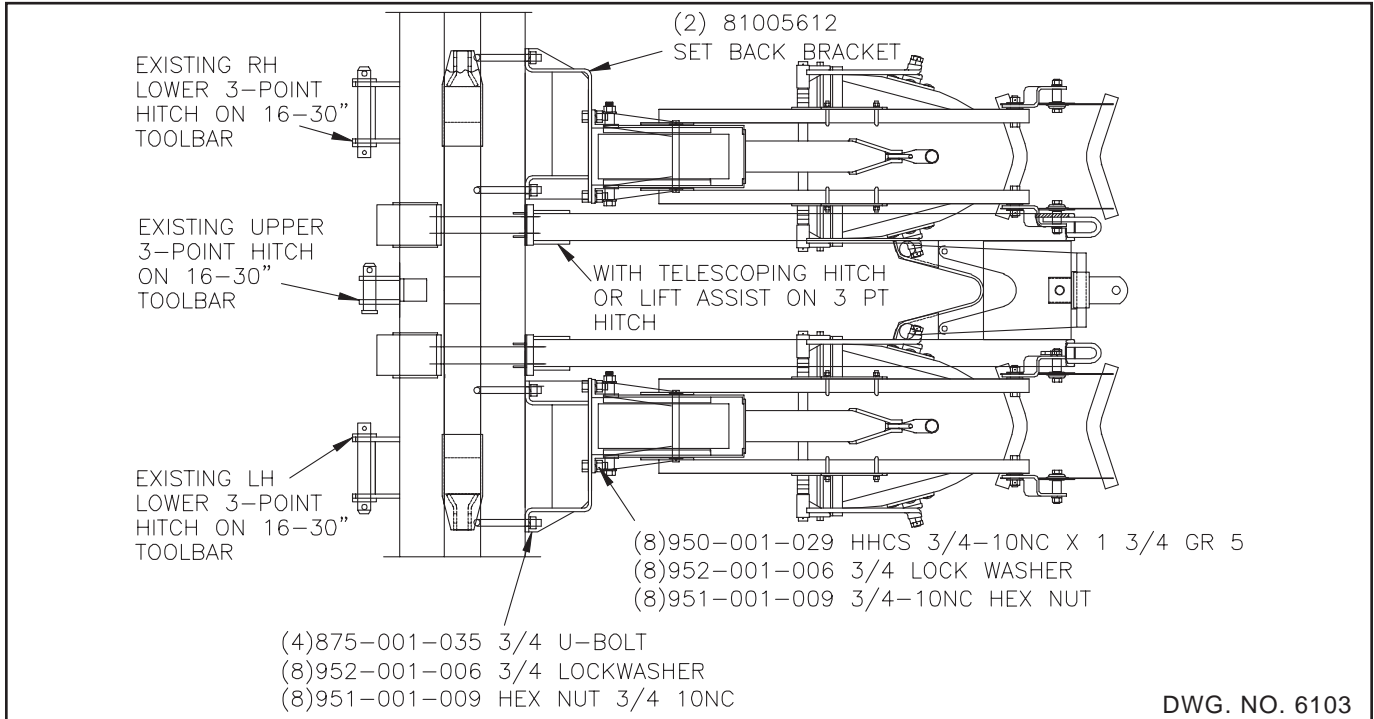


DWG. NO. 6167

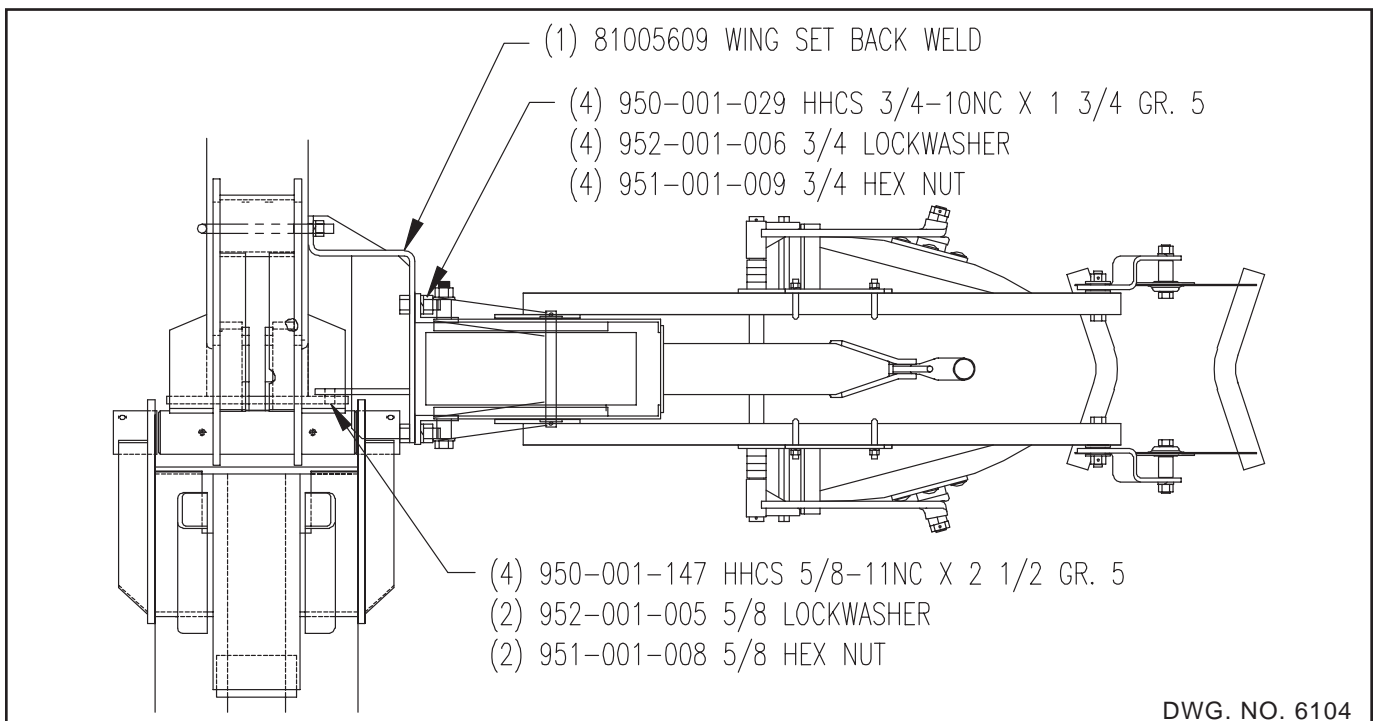
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	875-001-038	3/4 U-Bolt (Fits 7 x 7)	A/R	4	875-001-035	3/4 U-Bolt (Fits 5 x 7)	A/R
	805-001-332	5/8 U-Bolt (Fits 7 x 7)	A/R		81003020	5/8 U-Bolt (Fits 5 x 7)	A/R
2	81005577	Support Plate For 3/4 U-Bolt	A/R	5	950-001-264	Hex Head Cap Screw 3/4-10 x 9 1/2 Gr. 5	4
	81004034	Support Plate For 5/8 U-Bolt	A/R		950-001-230	Hex Head Cap Screw 5/8-11 x 9 1/2 Gr. 5	4
3	81005600	Spacer Strap For 3/4 U-Bolt	A/R				
	81004186	Spacer Strap For 5/8 U-Bolt	A/R				

81005605 Row Unit Setback Brackets For 30" Rows (Use With Series 6000 Row Unit With 3/4 U-Bolt Mounting)

**3-Point Mounted 16 Row, 6000 RC Fold Toolbar Wing Section 30" Rows
Shown With Telescopic Hitch**

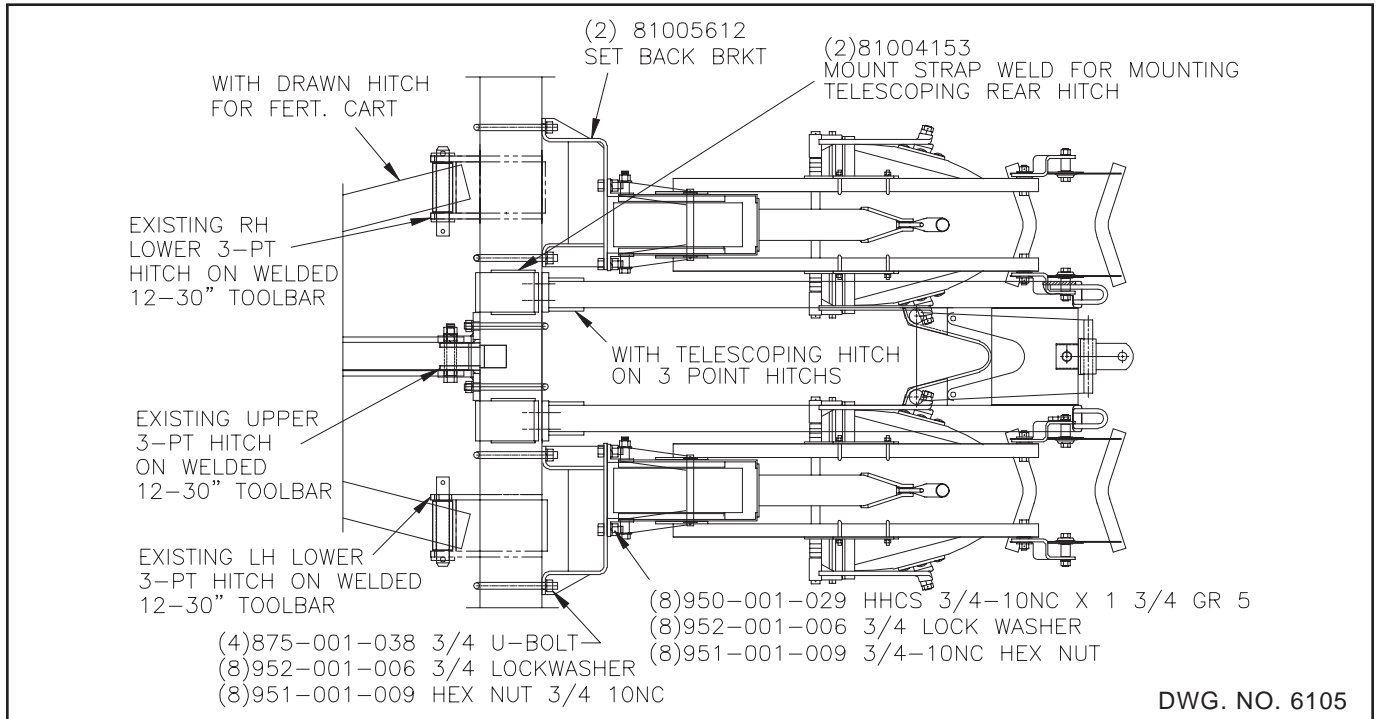


16 Row, 6000 RC Fold Toolbar Wing Section 30" Rows

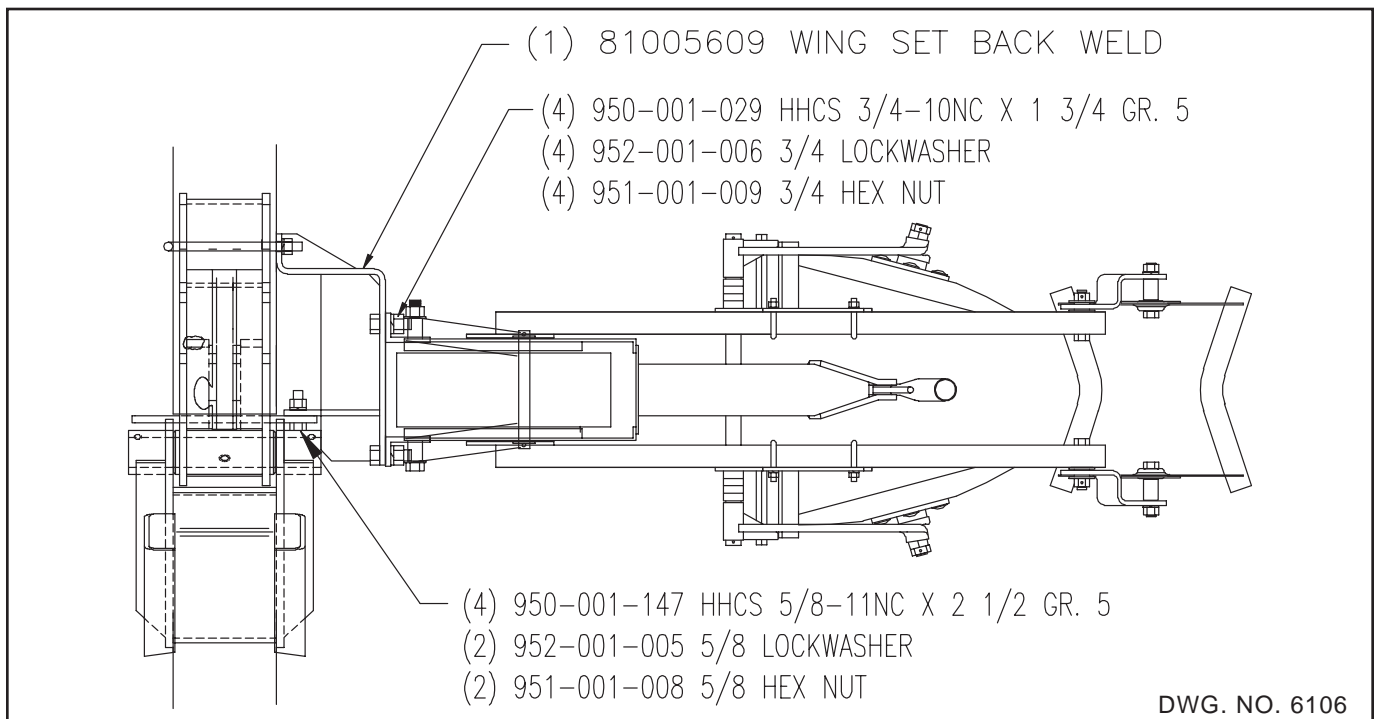


81005605 Continue Row Unit Setback Bracket For 30" Rows (Use With Series 6000 Row Unit With 3/4 U-Bolt Mounting)

3-Point Mounted Or Drawn Cart 8 Row, 12 Row, 6000 RC Fold Toolbar Center Section 30" Rows
Shown With Telescopic Hitch



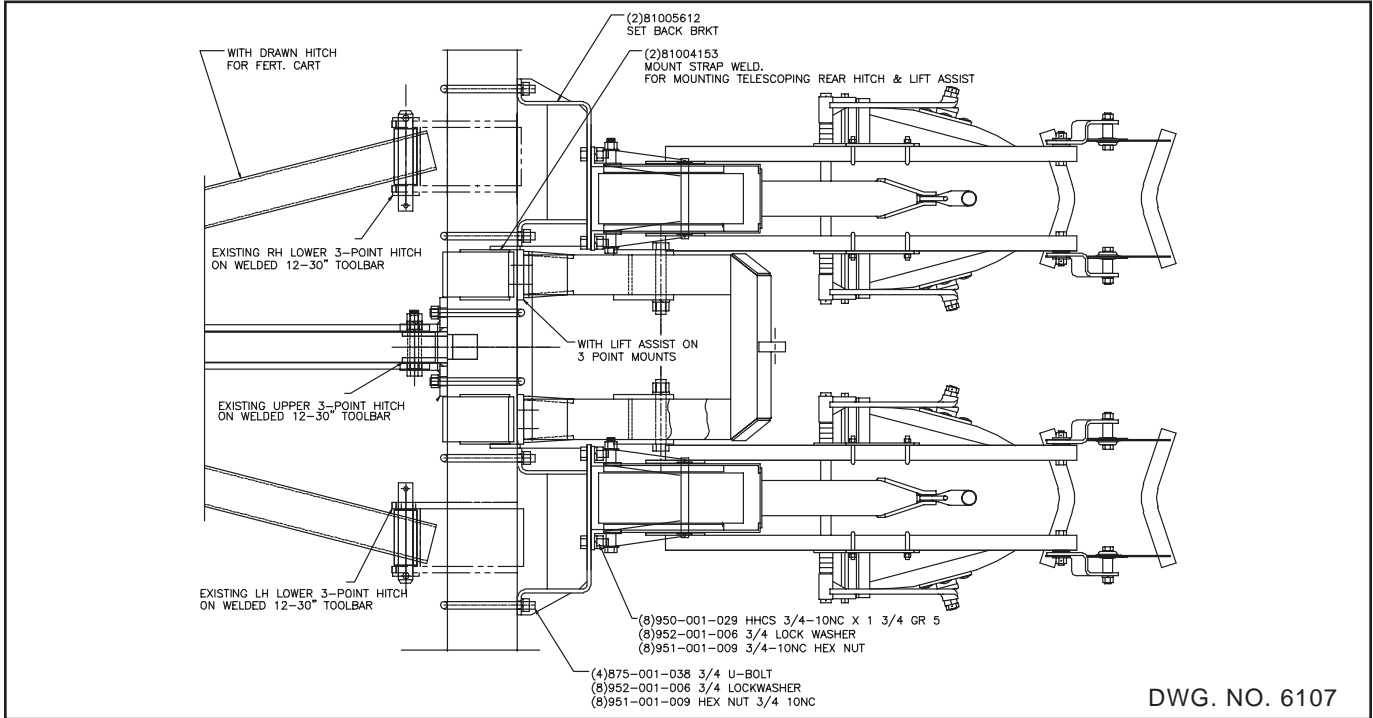
8 Row, 12 Row, 6000 RC Fold Toolbar Wing Section 30" Rows



STRIP-TILL SETBACK BRACKETS

**81005605 Continue Row Unit Setback Bracket For 30" Rows
(Use With Series 6000 Row Unit With 3/4 U-Bolt Mounting)**

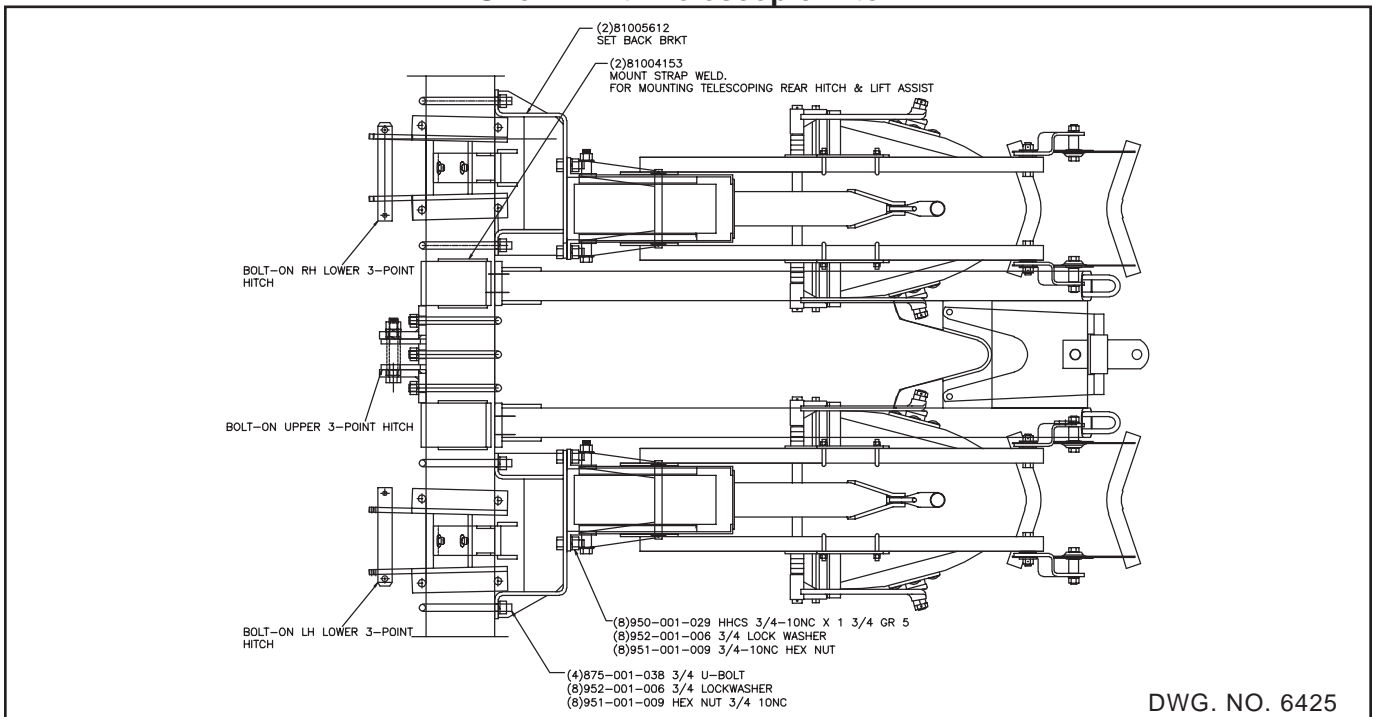
3-Point Mounted Or Drawn Cart 8 Row, 12 Row, 6000 RC Fold Toolbar Center Section 30" Rows
Shown With Lift Assist Front Mount



81005607 Row Unit Setback Bracket For 30" Rows

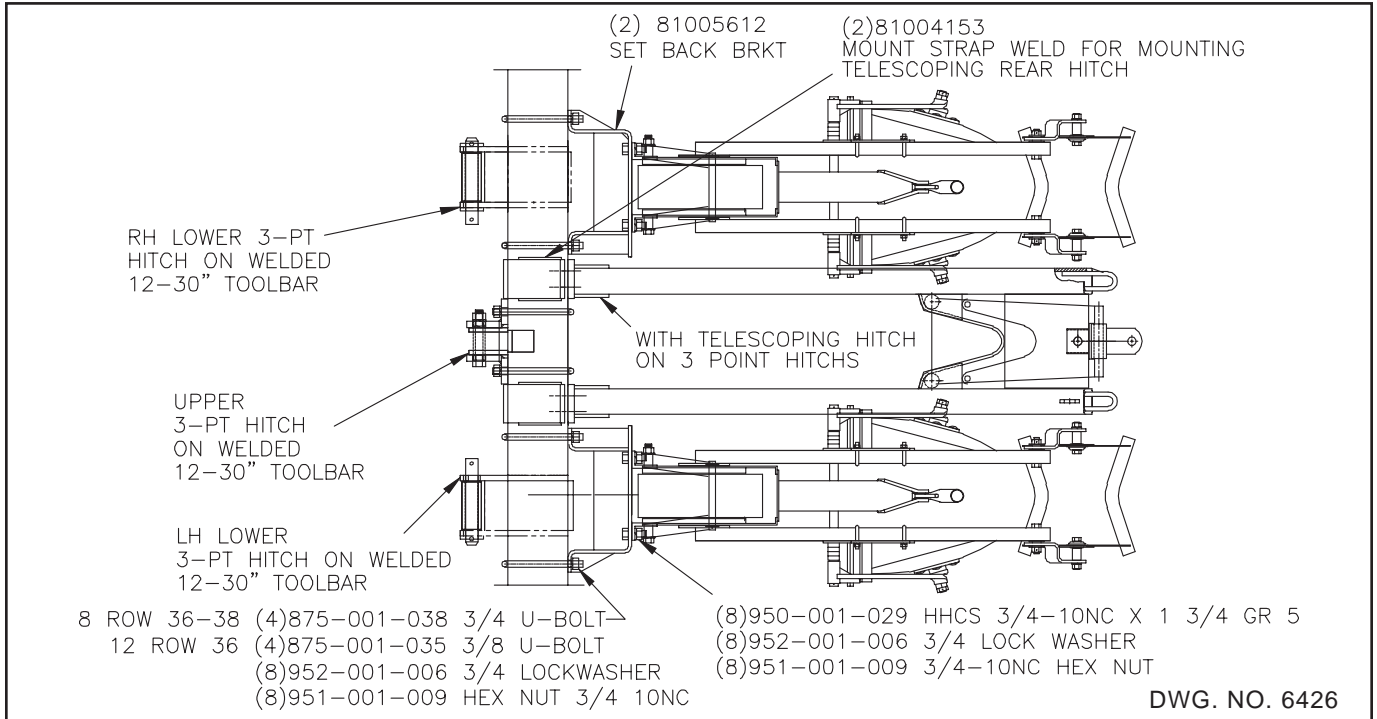
(Use With Series 6000 Row Unit With 3/4 U-Bolt Mounting)

3-Point Mounted Or Drawn Cart 6 Row, 8 Row, 6000 RC Rigid Toolbar Wing Section 30" Rows
Shown With Telescopic Hitch

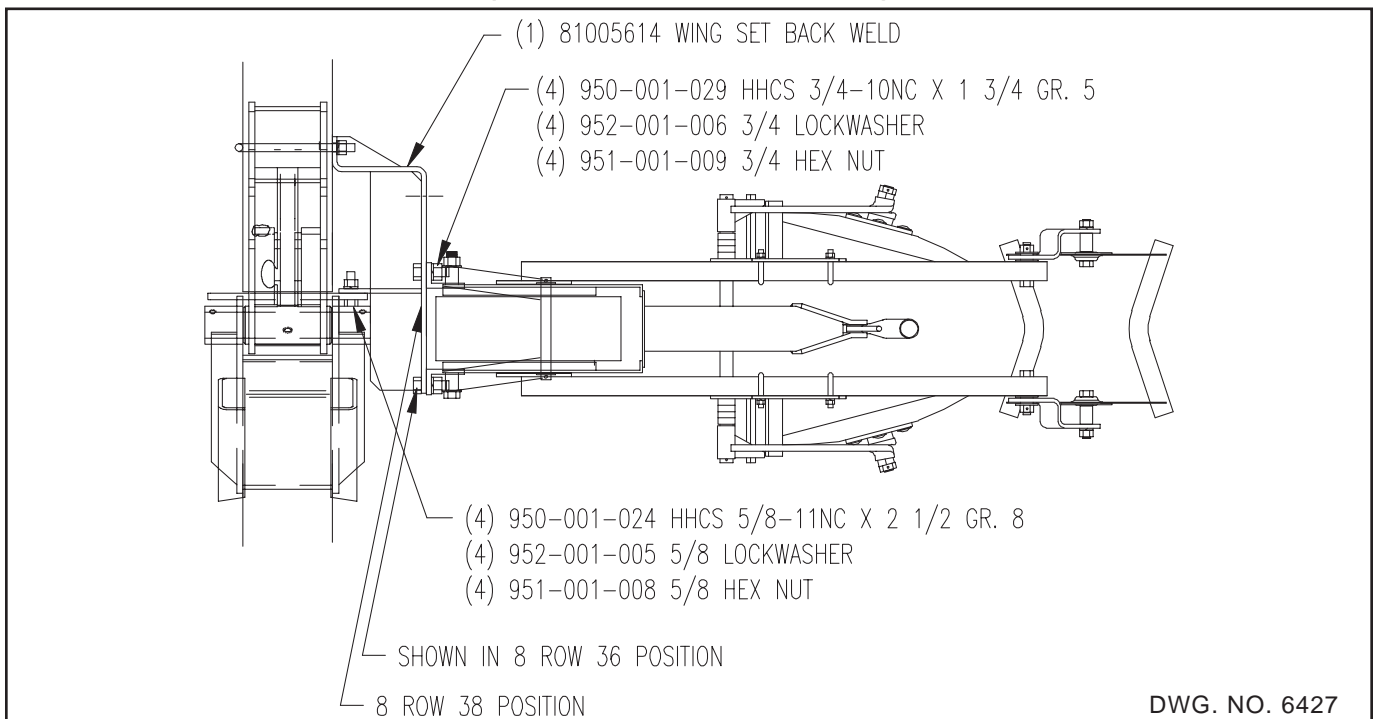


81005606 Row Unit Setback Bracket For 36"-38" Rows (Use With Series 6000 Row Unit With 3/4 U-Bolt Mounting)

3-Point Mounted Or Drawn Cart 8 Row 36-38, 12 Row 36-38 6000 RC Fold Toolbar Center Section 30" Rows Shown With Telescopic Hitch

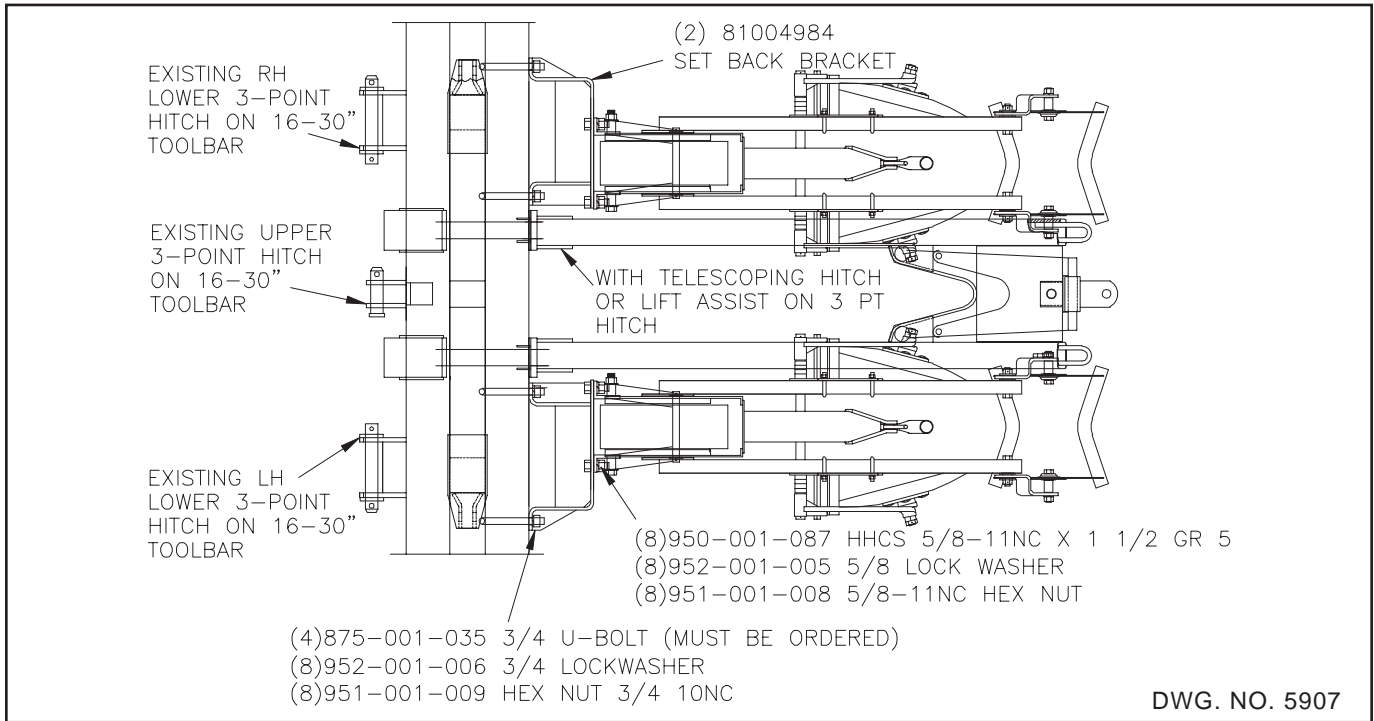


8 Row, 8 Row, 36-38 6000 RC Fold Toolbar Wing Section & 12 Row 36 (Not Needed For 12 Row 38)

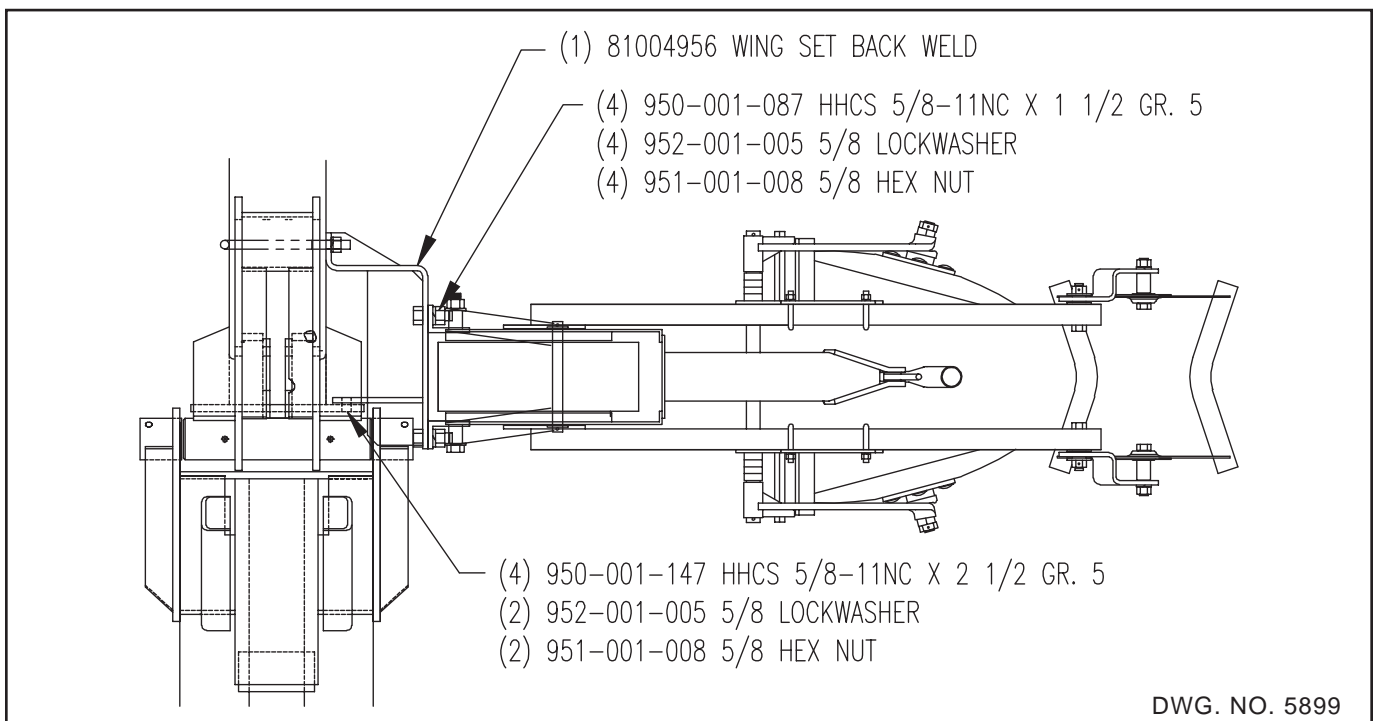


81004892 Row Unit Setback Brackets For 30" Rows (Use With Series 6000 Row Unit With 5/8 U-Bolt Mounting)

**3-Point Mounted 16 Row, 6000 RC Fold Toolbar Wing Section 30" Rows
Shown With Telescopic Hitch**

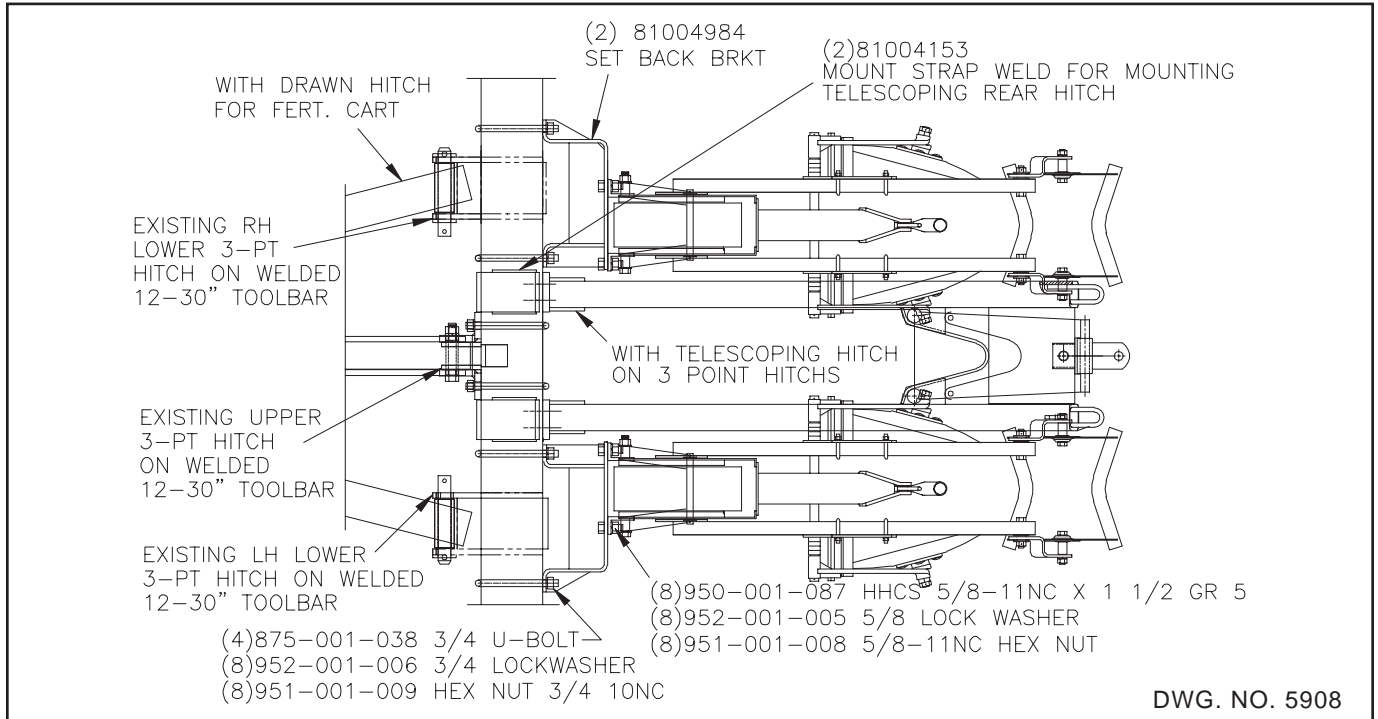


16 Row, 6000 RC Fold Toolbar Wing Section 30" Rows

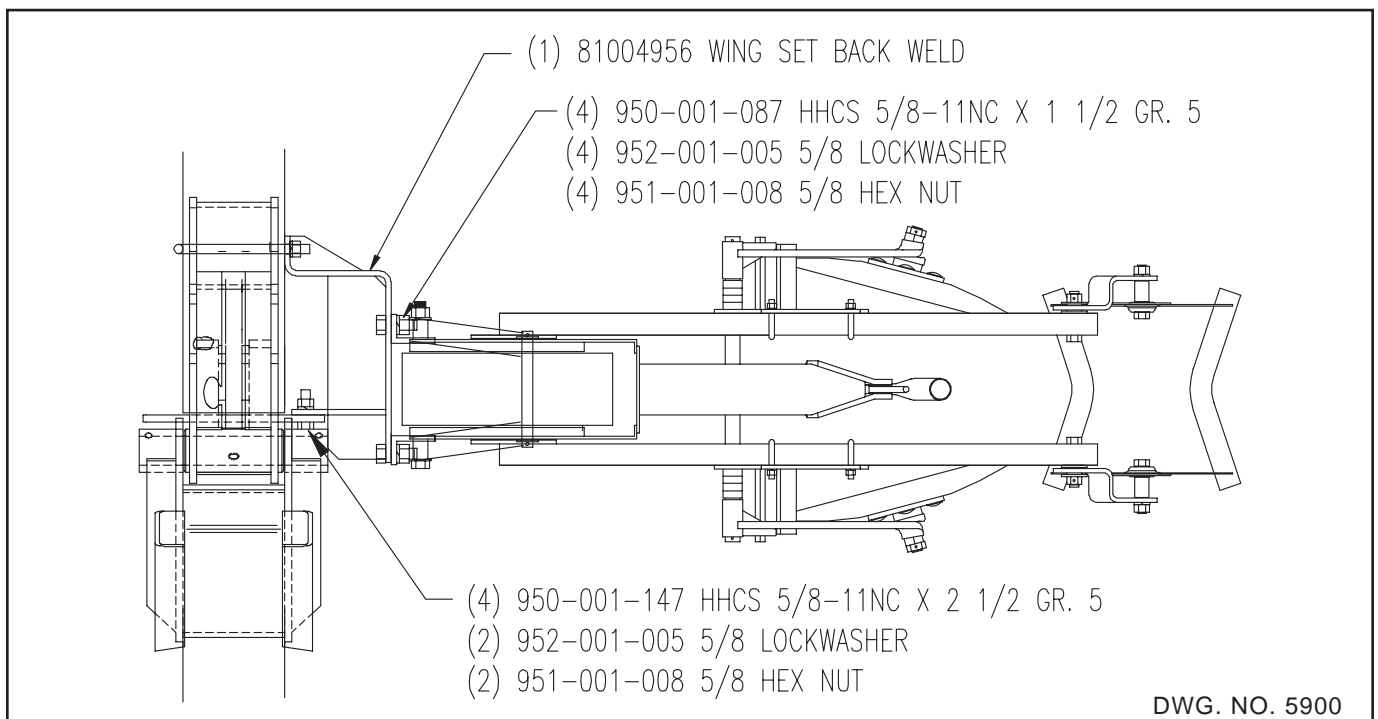


81004892 Continue Row Unit Setback Bracket For 30" Rows (Use With Series 6000 Row Unit With 5/8 U-Bolt Mounting)

3-Point Mounted Or Drawn Cart 8 Row, 12 Row, 6000 RC Fold Toolbar Center Section 30" Rows
Shown With Telescopic Hitch



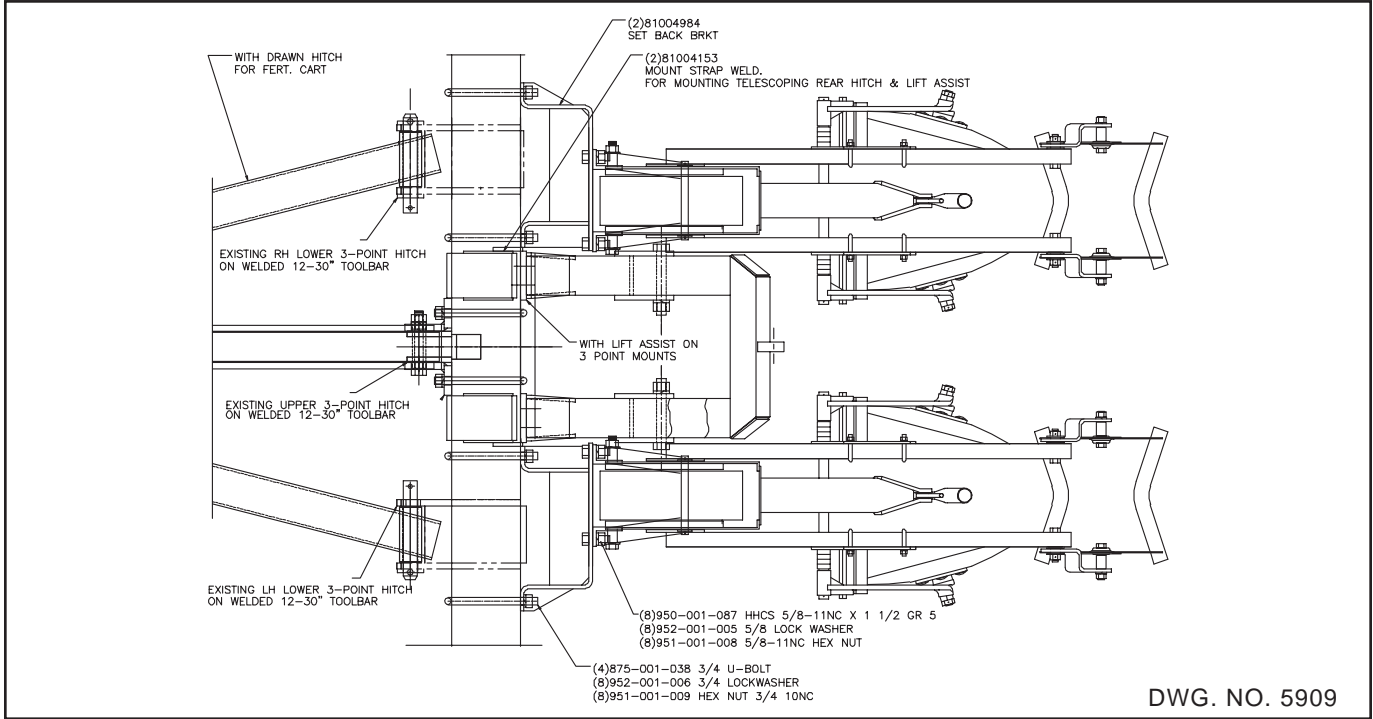
8 Row 12 Row, 6000 RC Fold Toolbar Wing Section 30" Rows



STRIP-TILL SETBACK BRACKETS

81004892 Continue Row Unit Setback Bracket For 30" Rows (Use With Series 6000 Row Unit With 5/8 U-Bolt Mounting)

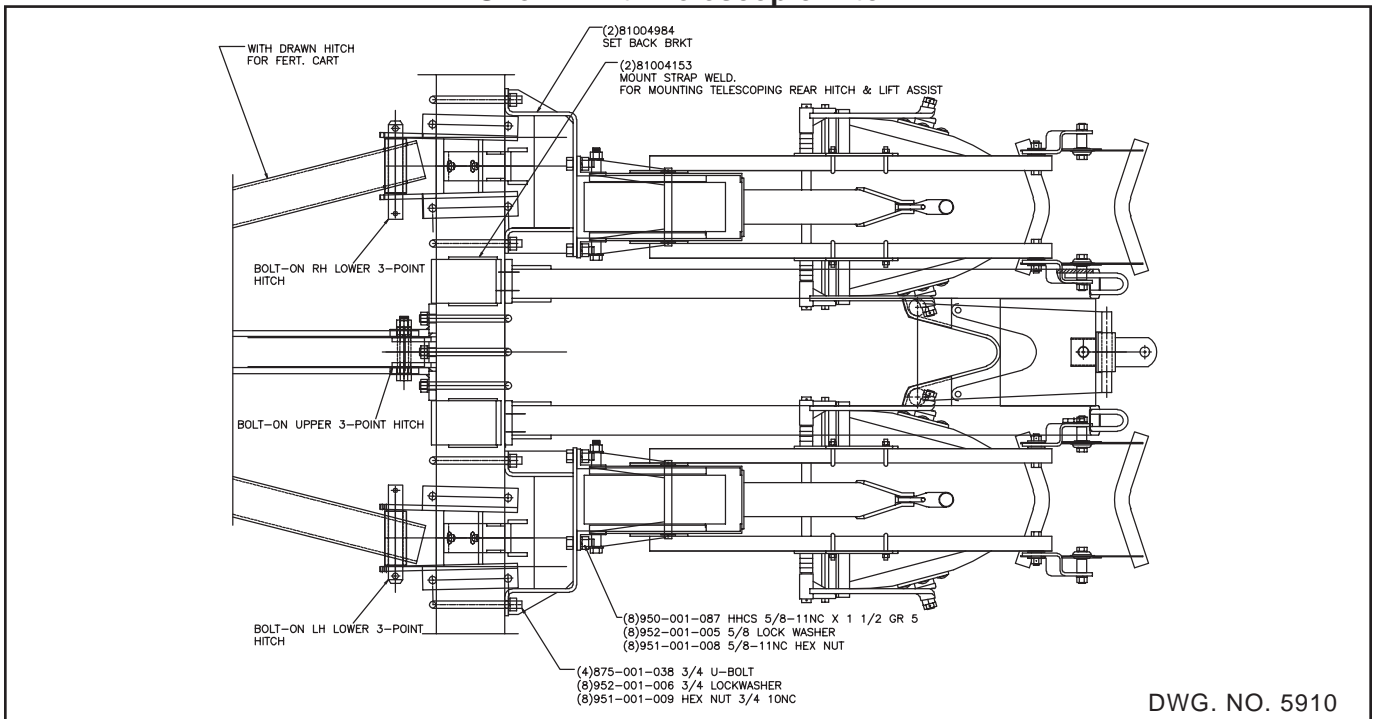
3-Point Mounted Or Drawn Cart 8 Row, 12 Row, 6000 RC Fold Toolbar Center Section 30" Rows
Shown With Lift Assist Front Mount



81004981 Row Unit Setback Bracket For 30" Rows

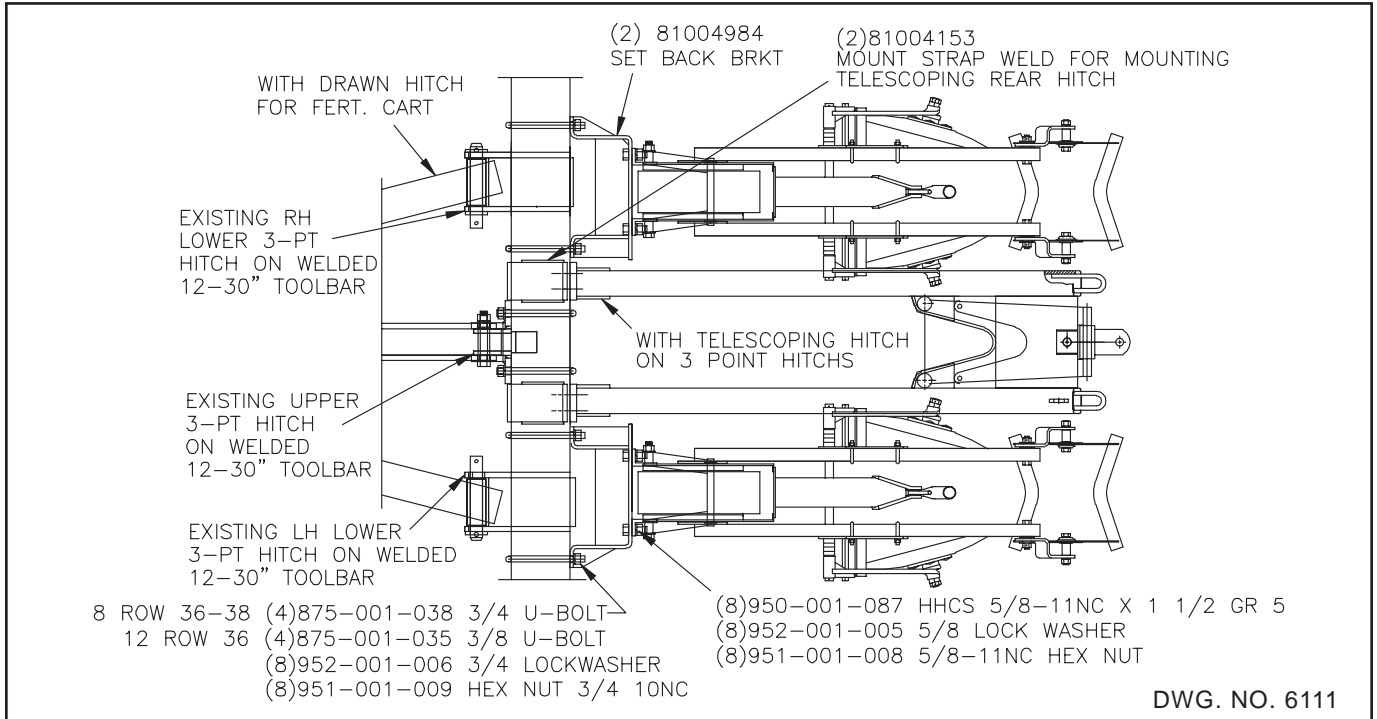
(Use With Series 6000 Row Unit With 5/8 U-Bolt Mounting)

3-Point Mounted Or Drawn Cart 6 Row, 8 Row, 6000 RC Rigid Toolbar Wing Section 30" Rows
Shown With Telescopic Hitch

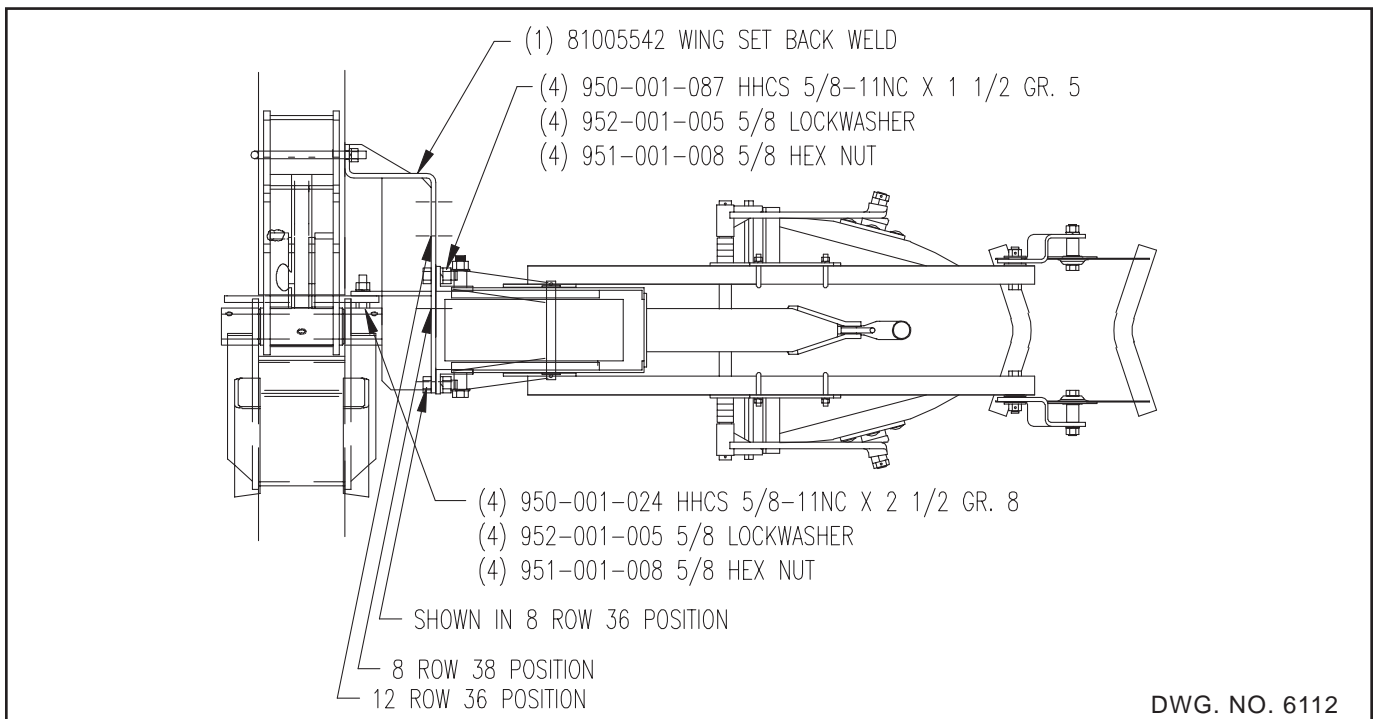


81005540 Row Unit Setback Brackets For 36"-38" Rows (Use With Series 6000 Row Unit With 5/8 U-Bolt Mounting)

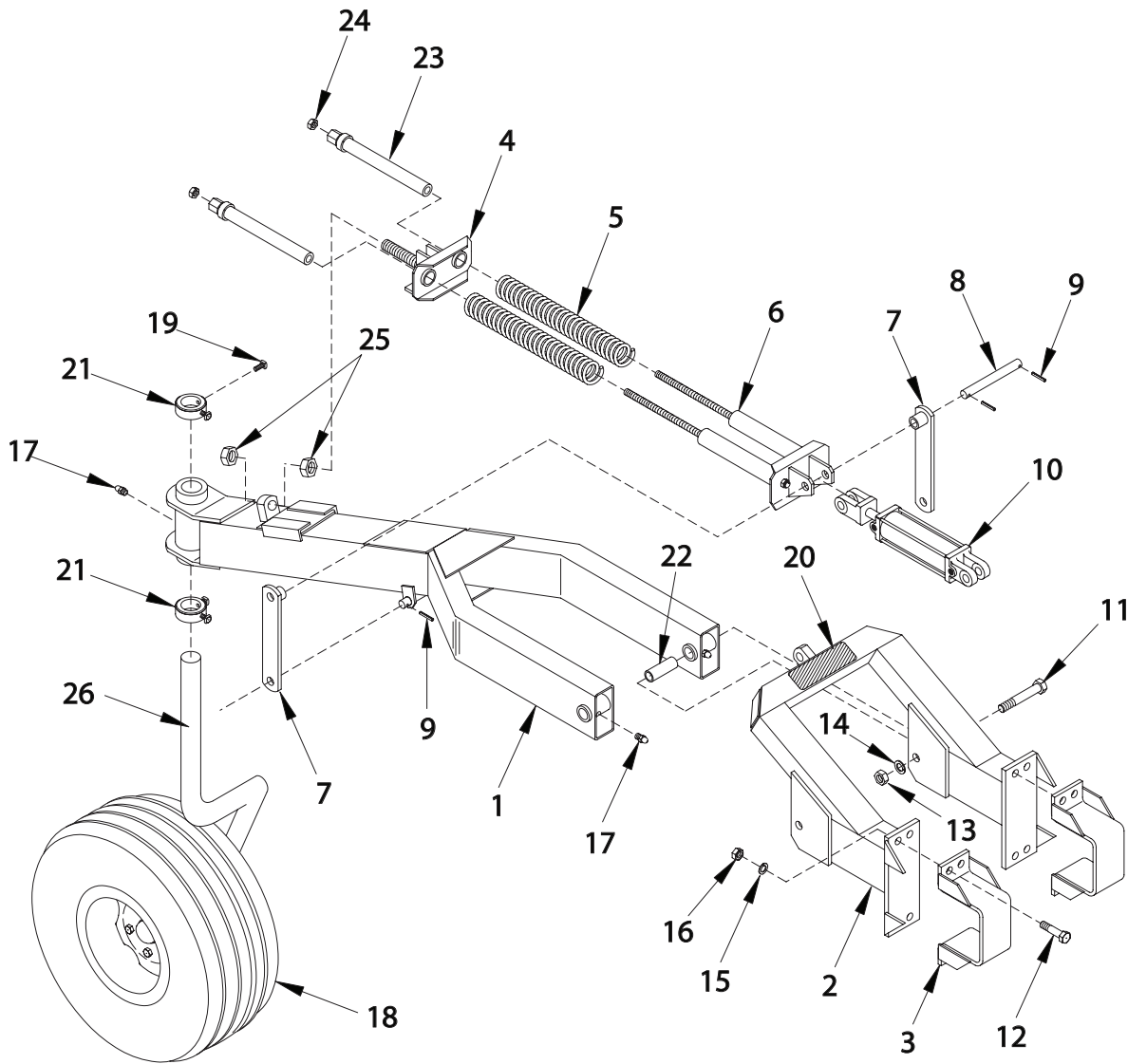
**3-Point Mounted Or Drawn Cart 8 Row 36-38 & 12 Row 36-38, 6000 RC Fold Toolbar Center Section
Shown With Telescopic Hitch**



8 Row, 8 Row 36-38, 6000 RC Fold Toolbar Wing Section & 12 Row 36 (Not Needed For 12 Row 38)



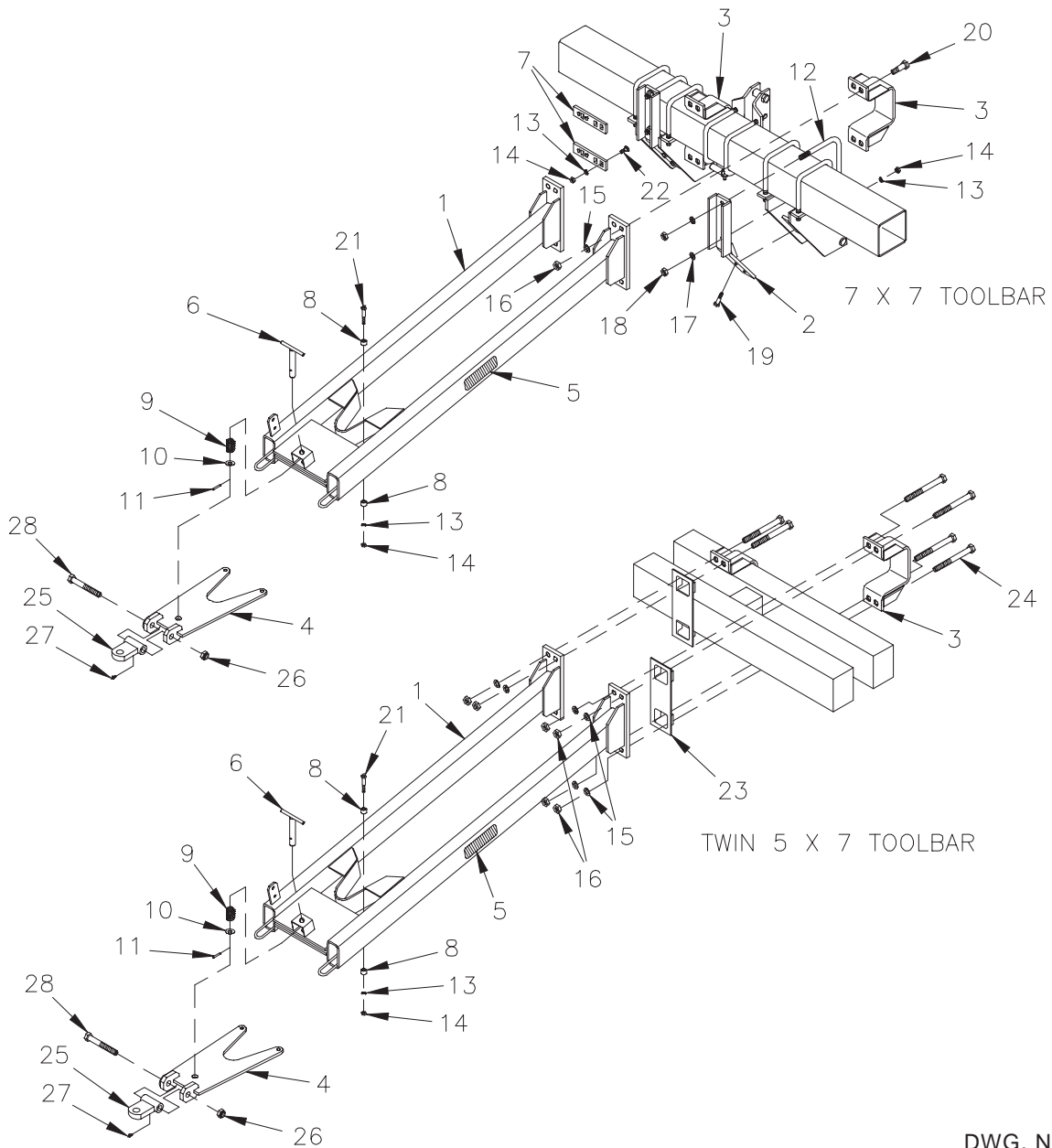
81004903 Single Lift Assist Assembly 8 Row Rigid 8 & 12 Row 30 Fold Toolbar



DWG. NO. 2883

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004963	Rear Mast Weldment	1	14	952-001-009	Lock Washer 1 Inch	2
2	81004959	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	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	Stem Collar	2
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 Page 65)	1	23	81002655	Spring Guide Weldment	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 7/8-9 x 3 Gr. 5 (Fits 7 x 7)	8	25	951-001-022	Hex Nut 1 1/4-7	2
	950-001-210	Hex Head Cap Screw 7/8-9 x 10 Gr. 5 (Fits Twin 5 x 7)	8	26	81004903	Complete Single Lift Assist	
13	951-001-024	Hex Nut 1-8	2				

81004902 Telescoping Rear Hitch Assembly

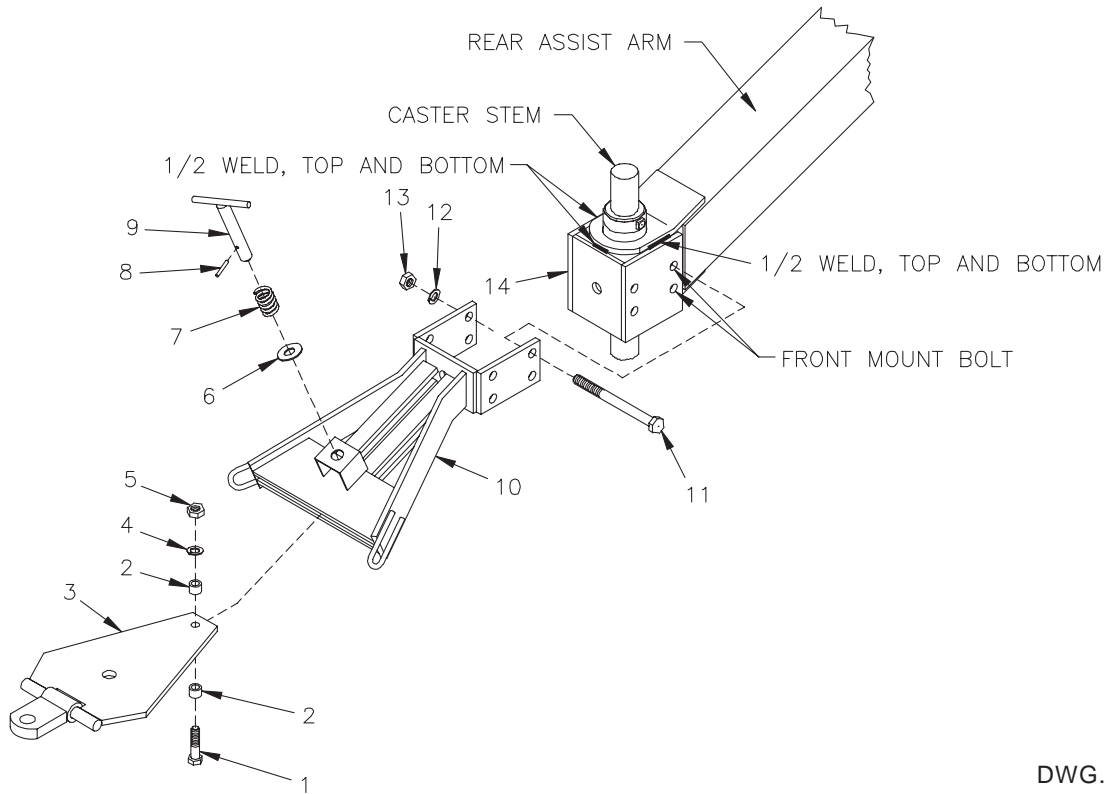


DWG. NO. 6322

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004971	Hitch Weldment	1	15	952-001-008	Lock Washer 7/8 Inch	14
2	810-002-212	Support Weldment	2	16	951-001-010	Hex Nut 7/8-9	8
3	81004153	Mount Strap Weldment	2	17	952-001-006	Lock Washer 3/4 Inch	8
4	81005866	Hitch Plate Weldment	1	18	951-001-009	Hex Nut 3/4-10	4
5	81004136	Decal	2	19	950-001-147	Hex Head Cap Screw 5/8-11 x 2 1/2 Gr. 5	4
6	810-001-522	Handle Weldment	1	20	950-001-168	Hex Head Cap Screw 7/8-9 x 3 Gr. 5	8
7	810-001-551	Shield Mount Strap (Used With Rotary Hoe Wheel & Rolling Shields)	4	21	950-001-141	Hex Head Cap Screw 5/8-11 x 3 Gr. 5	2
8	810-001-526	Collar	4	22	950-003-021	Carriage Bolt 5/8-11 x 1 1/4 Gr. 2	8
9	810-001-527	Spring	1	23	81004690	Lock Plate	2
10	952-002-010	Flat Washer 1 Inch	1	24	950-001-210	Hex Head Cap Screw 7/8-9 x 10 Gr. 5	8
11	953-003-003	Spring Pin 1/4 x 1 3/4	1	25	81005863	Hitch Plate Weldment	1
12	875-001-038	U-Bolt	N/A	26	062041	Lock Nut 1-8	1
13	952-001-005	Lock Washer 5/8 Inch	2	27	955-001-002	Grease Fitting 1/4-28	1
14	951-001-008	Hex Nut 5/8-11	14	28	062065	Hex Head Cap Screw 1-8 x 7 Gr. 8	1

STRIP-TILL OPTIONS

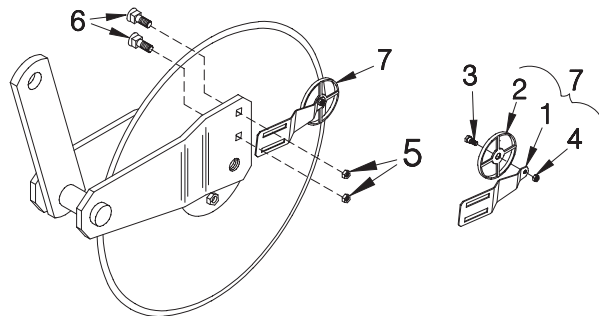
6314 Telescoping Rear Hitch Assembly For Use With Single Lift Assist



DWG. NO. 1051

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	950-001-141	Hex Head Bolt 5/8-11 x 3 Gr. 5	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 Bolt 3/4-10 x 9 Gr. 5	4
4	952-001-005	Lock Washer 5/8	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				

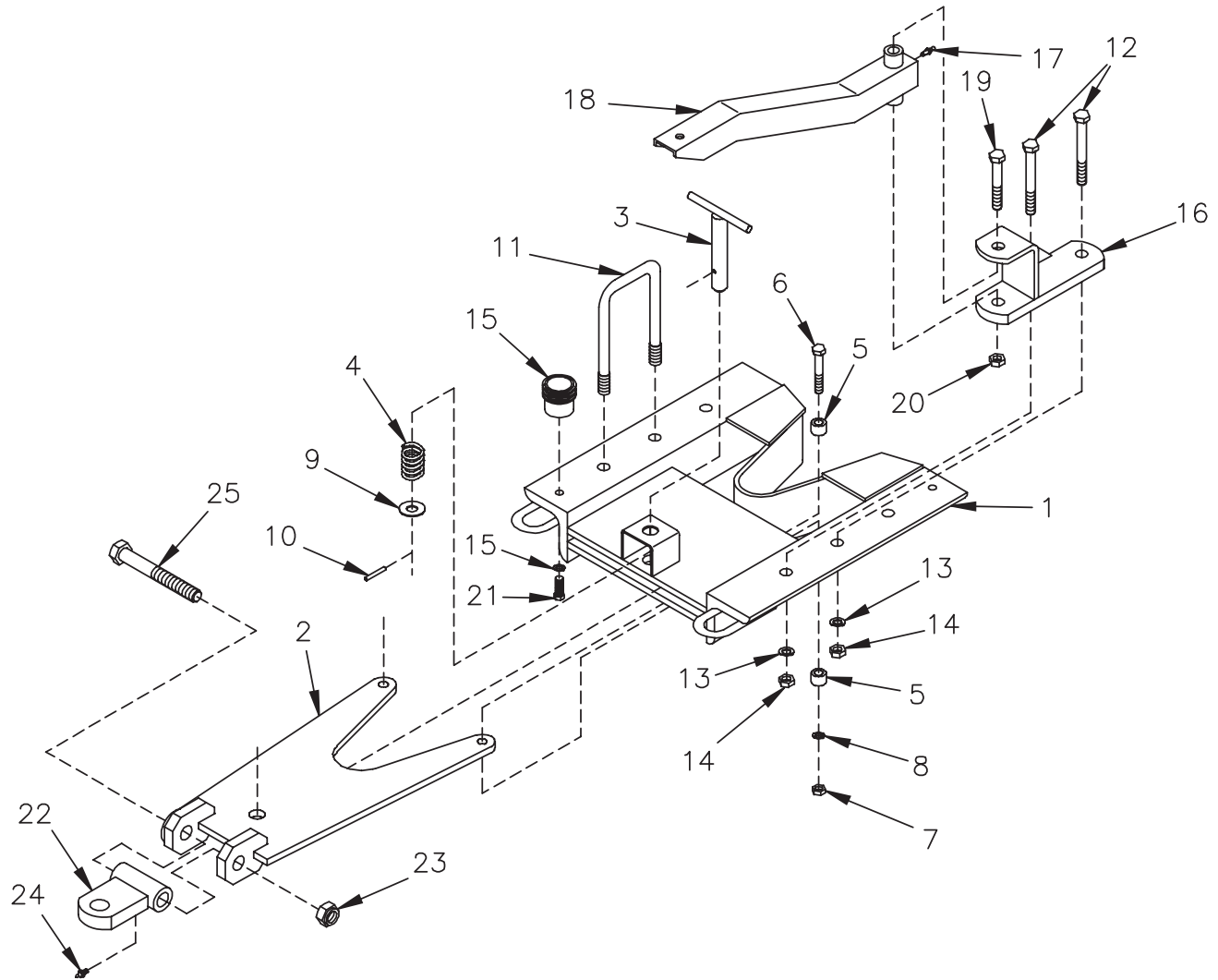
81004118 Rotary Coultter Scraper



DWG. NO. 6555

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	Lock Nut 5/16-18, 2-Way	2		81004118	Complete Rotary Scraper Assembly (1 Row)	

81005349 Telescoping Rear Hitch Assembly For Use With Fertilizer Cart



DWG. NO. 6324

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005437	Hitch Weldment	1	14	951-001-009	Hex Nut 3/4-10	4
2	81005864	Hitch Plate Weldment	1	15	81005433	Hose Hanger Adapter	1
3	810-001-522	Handle Weldment	1	16	81005429	Bracket Support Weldment	1
4	810-001-527	Spring	1	17	955-001-001	Grease Fitting 1/8-27 NPT	1
5	810-001-526	Collar	4	18	81005436	Tube Support Weldment	1
6	950-001-141	Hex Head Cap Screw 5/8-11 x 3 Gr. 5	2	19	950-001-152	Hex Head Cap Screw 3/4-10 x 6 Gr. 5	1
7	951-001-008	Hex Nut 5/8-11	2	20	951-003-010	Lock Nut 3/4-10 Nylon Insert	1
8	952-001-005	Lock Washer 5/8 Inch	2	21	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	1
9	952-002-010	Flat Washer 1 Inch	1	22	81005863	Hitch Plate Weldment	1
10	953-003-003	Spring Pin 1/4 x 1 3/4	1	23	062041	Lock Nut 1-8	1
11	860-001-323	U-Bolt 4 3/4 x 7 11/16	1	24	955-001-002	Grease Fitting 1/4-28	1
12	950-001-223	Hex Head Cap Screw 3/4-10 x 8 1/2 Gr. 5	2	25	062065	Hex Head Cap Screw 1-8 x 7 Gr. 8	1
13	952-001-006	Lock Washer 3/4 Inch	4				

81005608 Auxiliary Spring Kit

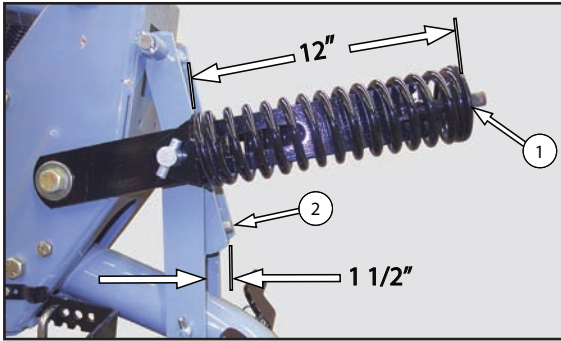


PHOTO NO. DCP0447B

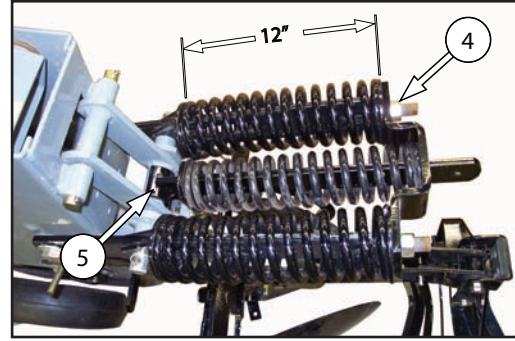
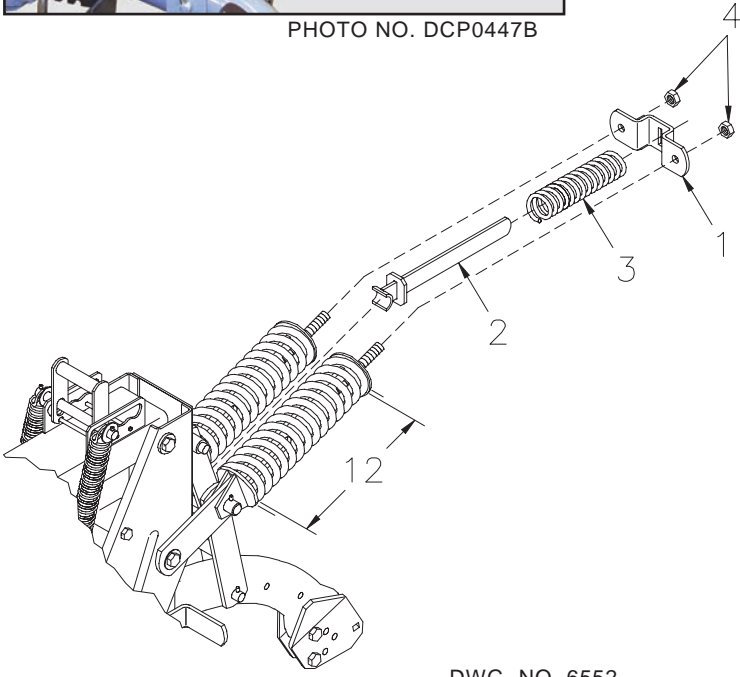


PHOTO NO. DCP1356



DWG. NO. 6552

Step 1

Before installing third spring, remove tension on the two standard springs by turning 3/4 hex nut (arrow 1). Readjust the toggle dimension to 1 1/2" as shown by turning the 3/4 hex bolt and securing with 3/4 hex nut (arrow 2). Re-tension the two standard springs down to 12" as shown in Photo DCP0447B.

Step 2

Install strap weldment (arrow 2) onto linkage pivot (arrow 5) see Photo DCP1356.

Step 3

Install compression spring (arrow 3) and upper strap (arrow 1) over strap weldment (arrow 2), and the (2) 3/4" threaded rods in DWG. 6062.

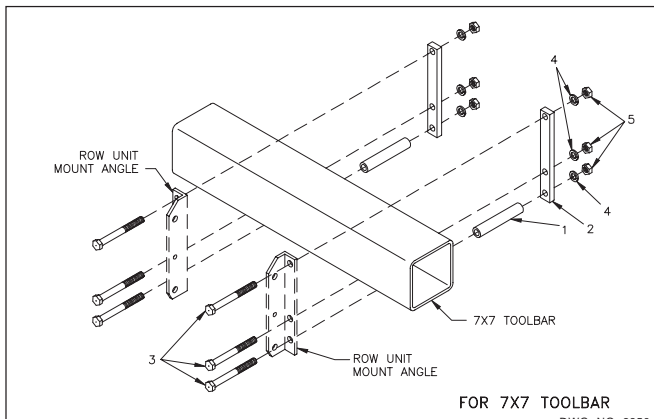
Step 4

Install the (2) new 3/4-10 2-way lock nuts (arrow 4) threading them down so both ends of upper straps are tight against the spring washer, as shown in photo DCP1356.

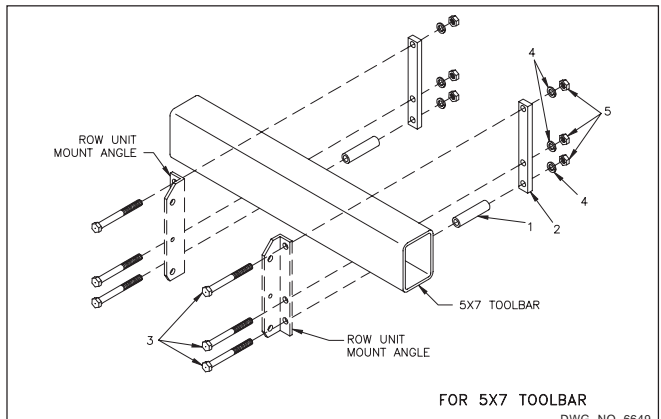
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005671	Upper Strap	1	3	25011324	Compression Spring	1
2	81005670	Strap Weldment	1	4	951-005-037	Lock Nut 3/4-10, 2-Way	2

81006170 1 Row Bolt & Mount Bar Kit For 7 X 7 Toolbar

81006171 1 Row Bolt & Mount Bar Kit For 5 X 7 Toolbar



FOR 7X7 TOOLBAR
DWG. NO. 6650

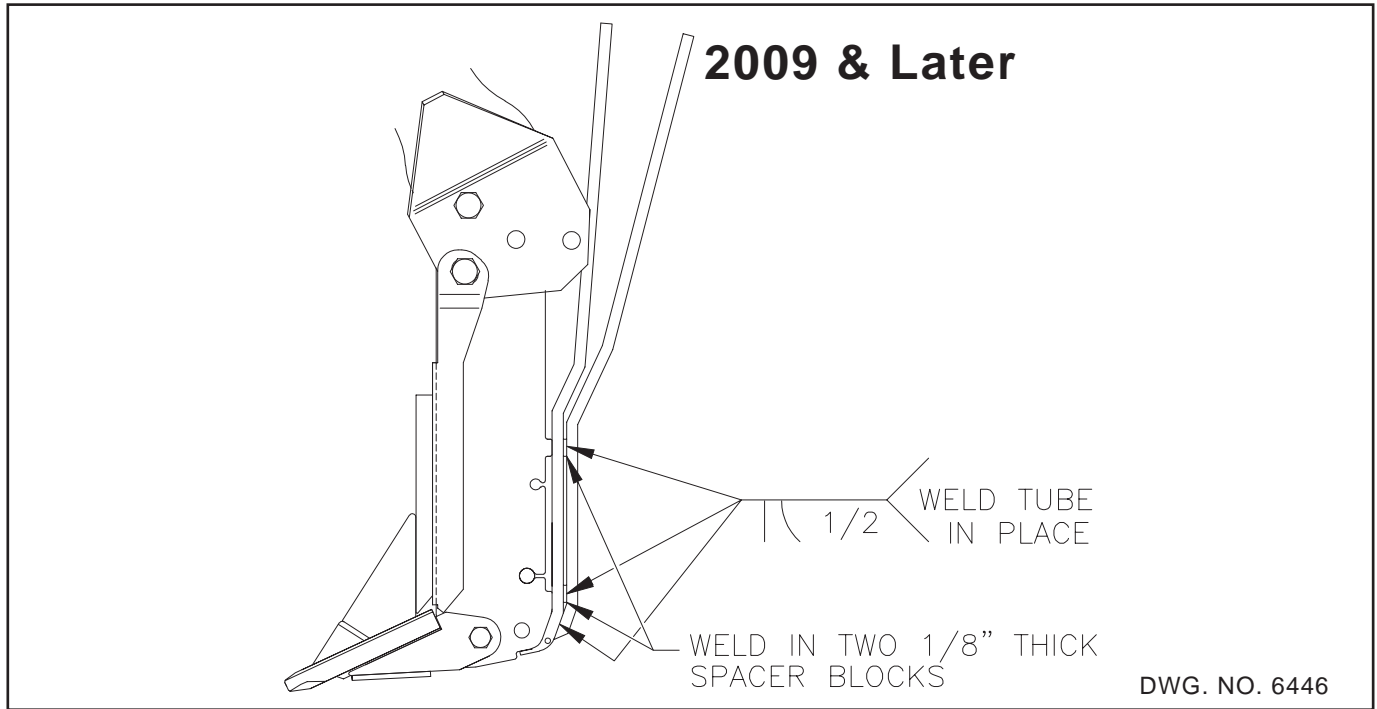


FOR 5X7 TOOLBAR
DWG. NO. 6649

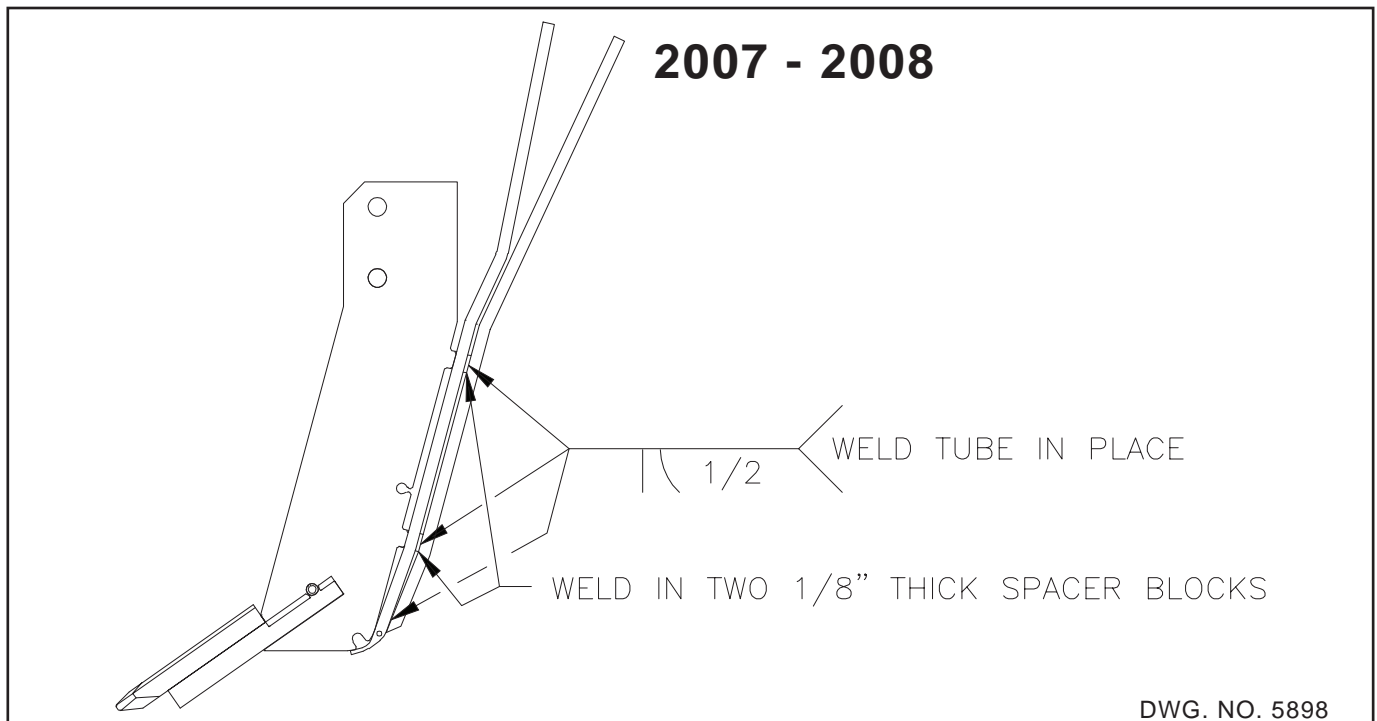
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81006169	Spacer Tube 7"	2	4	952-001-006	Lock Washer 3/4 Inch	6
2	81006167	Mount Bar	2	5	951-001-009	Hex Nut 3/4-10	6
3	950-001-151	Hex Head Cap Screw 3/4-10 x 9 Gr. 5	6				

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81006168	Spacer Tube 5"	2	4	952-001-006	Lock Washer 3/4 Inch	6
2	81006167	Mount Bar	2	5	951-001-009	Hex Nut 3/4-10	6
3	950-001-253	Hex Head Cap Screw 3/4-10 x 7 Gr. 5	6				

81006064 Stainless Steel Fertilizer Tube



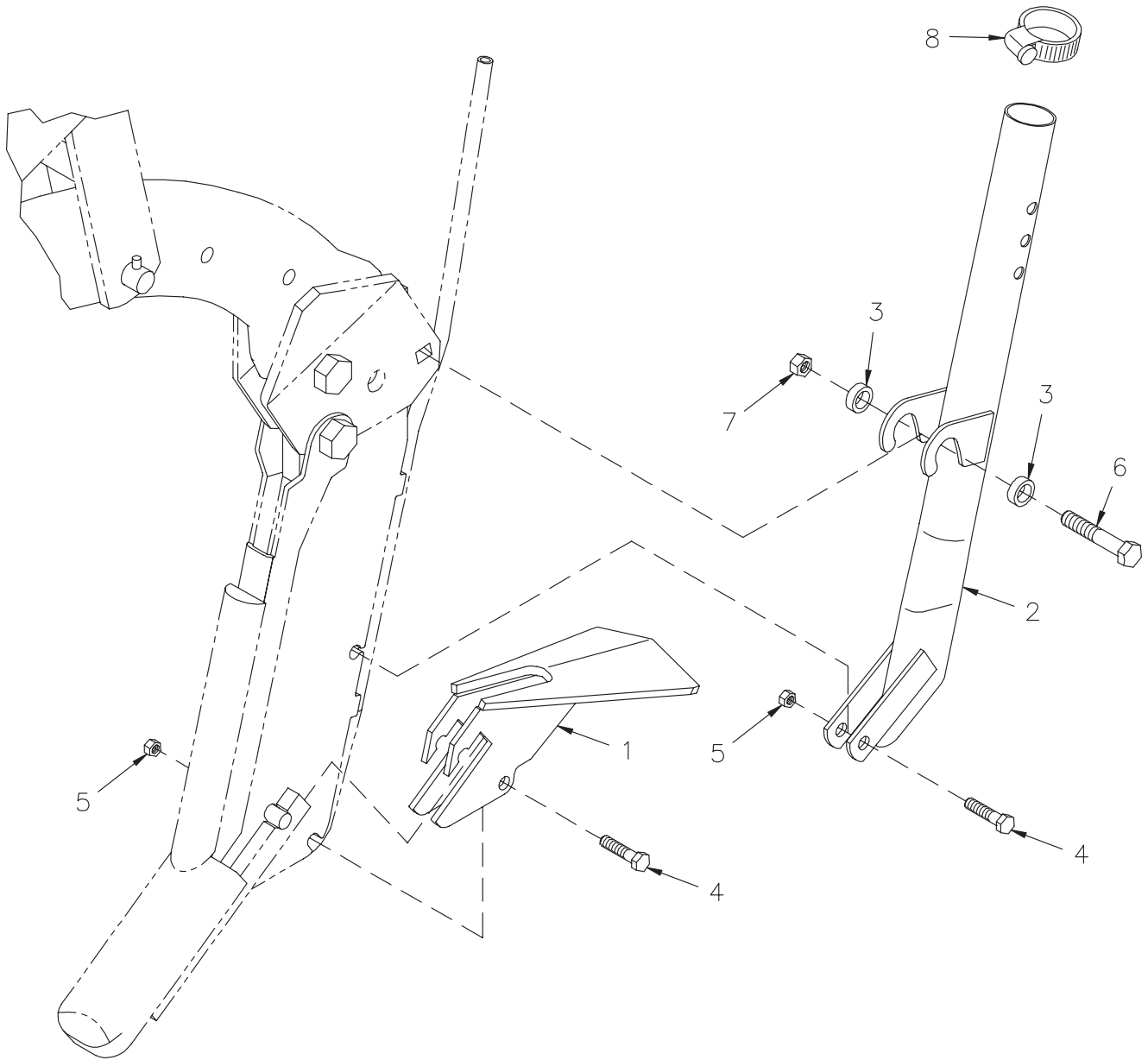
81005440 Stainless Steel Fertilizer Tube



When using anhydrous ammonia and liquid fertilizer, the extra fertilizer tube is needed. First weld in two spacer blocks 5/8 x 5/8 x 1/8 thick (spacers are not provided), in place as shown in drawings 6446 and 5898.

Second weld stainless steel fertilizer tube in place as shown in drawings 6446 and 5898.

81005290 Dry Fertilizer Tube Assembly For Strip-Till Units Manufactured In 2007 - 2008 And Will Fit With A 1/2" Vapor Tube

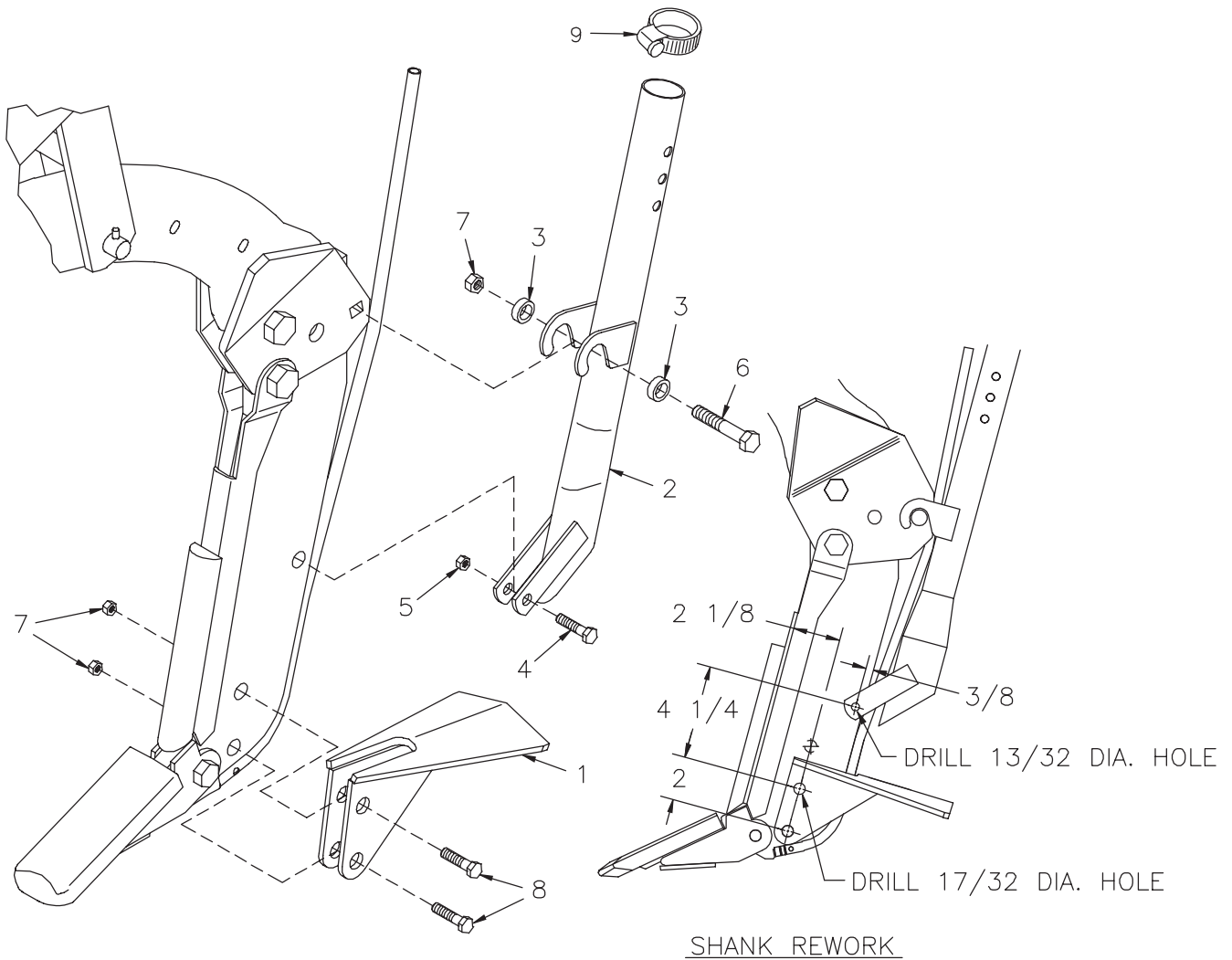


DWG. NO. 6168

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005289	4" Deflector Plate Weldment	1	5	951-005-051	Lock Nut 3/8-16, 2-Way	2
2	81006026	Dry Fertilizer Tube Weldment	1	6	950-001-159	Hex Head Cap Screw 1/2-13 x 2 1/2 Gr. 5	1
3	81005288	Spacer	2	7	10304	Lock Nut 1/2-13, 2-Way	1
4	950-001-106	Hex Head Cap Screw 3/8-16 x 1 1/4 Gr. 5	2	8	614582	Hose Clamp 1 1/16 to 2	A/R

81005500 Dry Fertilizer Tube Assembly

For Strip-Till Units Manufactured 2005 And Prior To 9-1-06 And Will Fit With A 1/2" Vapor Tube



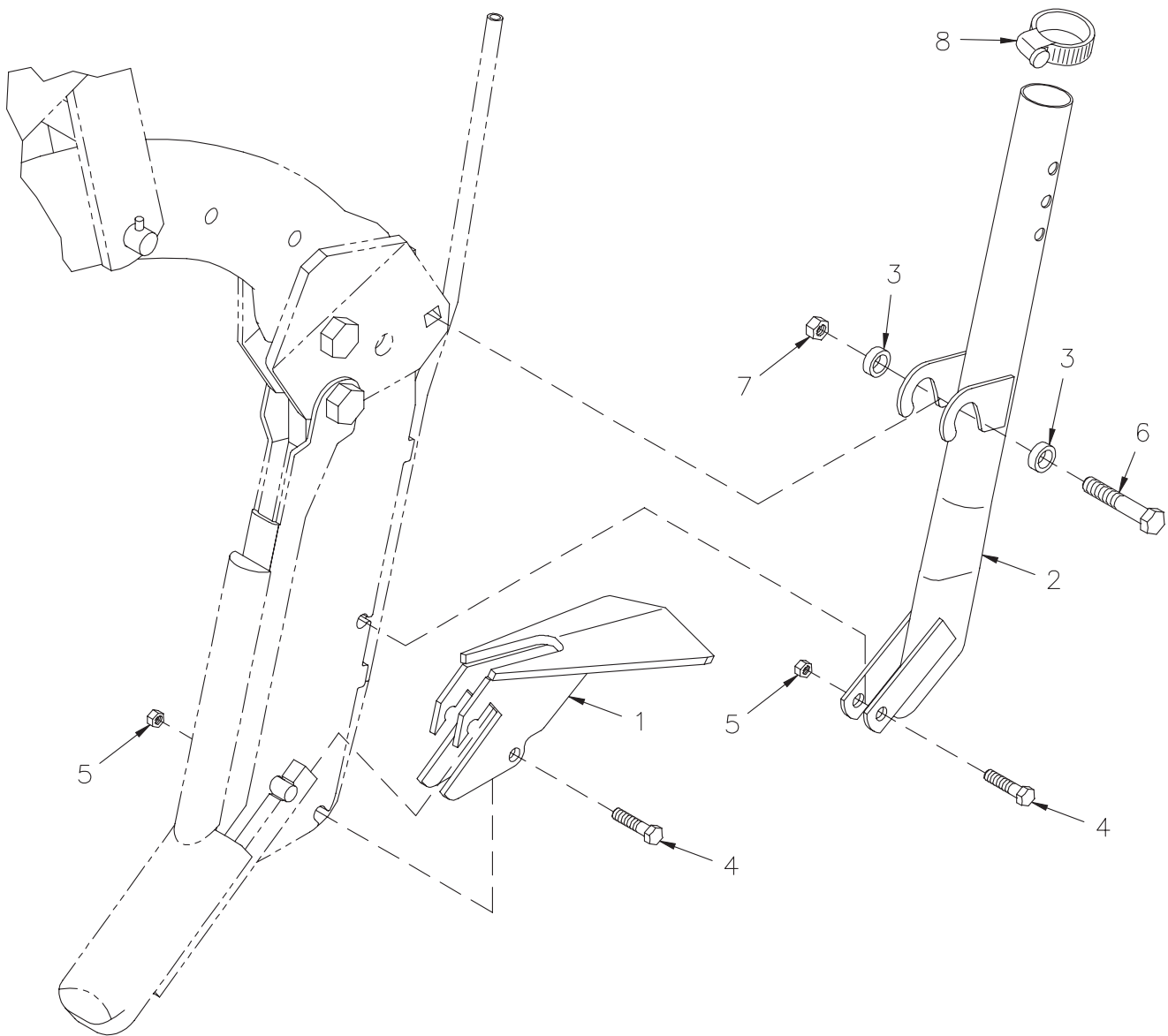
Part No. 81005500

DWG. NO. 5897

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005499	4" Deflector Plate Weldment	1	6	950-001-159	Hex Head Cap Screw 1/2-13 x 2 1/2 Gr. 5	1
2	81006026	Dry Fertilizer Tube Weldment	1	7	10304	Lock Nut 1/2-13, 2-Way	3
3	81005288	Spacer	2	8	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	2
4	950-001-106	Hex Head Cap Screw 3/8-16 x 1 1/4 Gr. 5	1	9	614582	Hose Clamp 1 1/16 To 2	A/R
5	951-005-051	Lock Nut 3/8-16, 2-Way	1				

Dry Fertilizer Tube Assembly

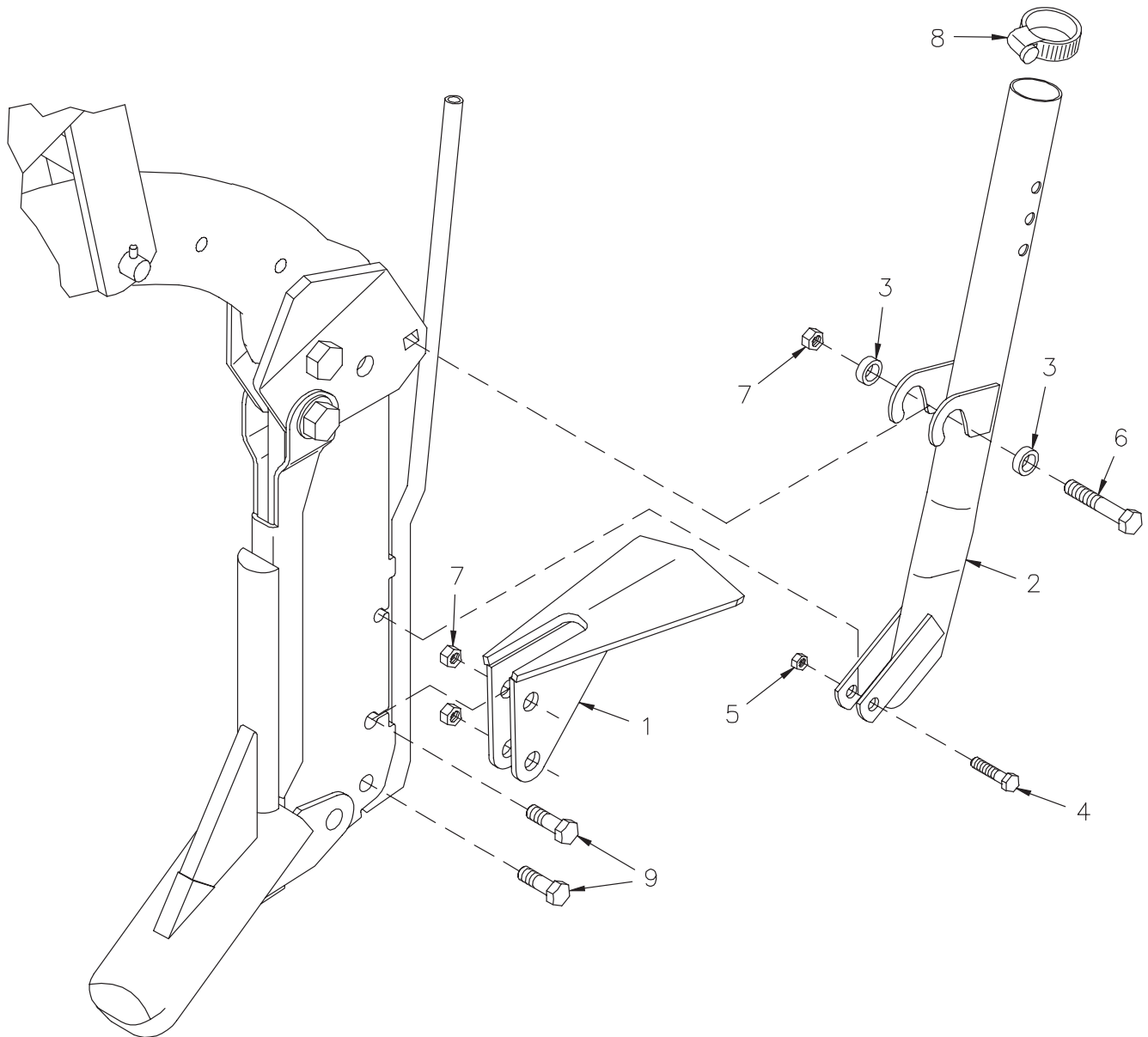
**For Strip-Till Units Manufactured In 2007 - 2008 And
Will Fit With A 1/2", 3/4" Vapor Tube On 81005259 Angled
Shank Weldment**



DWG. NO. 6169

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005289	4" Deflector Plate Weldment	1	5	951-005-051	Lock Nut 3/8-16, 2-Way	2
2	81006026	Dry Fertilizer Tube Weldment	1	6	950-001-159	Hex Head Cap Screw 1/2-13 x 2 1/2 Gr. 5	1
3	81005288	Spacer	2	7	10304	Lock Nut 1/2-13, 2-Way	1
4	950-001-106	Hex Head Cap Screw 3/8-16 x 1 1/4 Gr. 5	2	8	614582	Hose Clamp 1 1/16 To 2	A/R

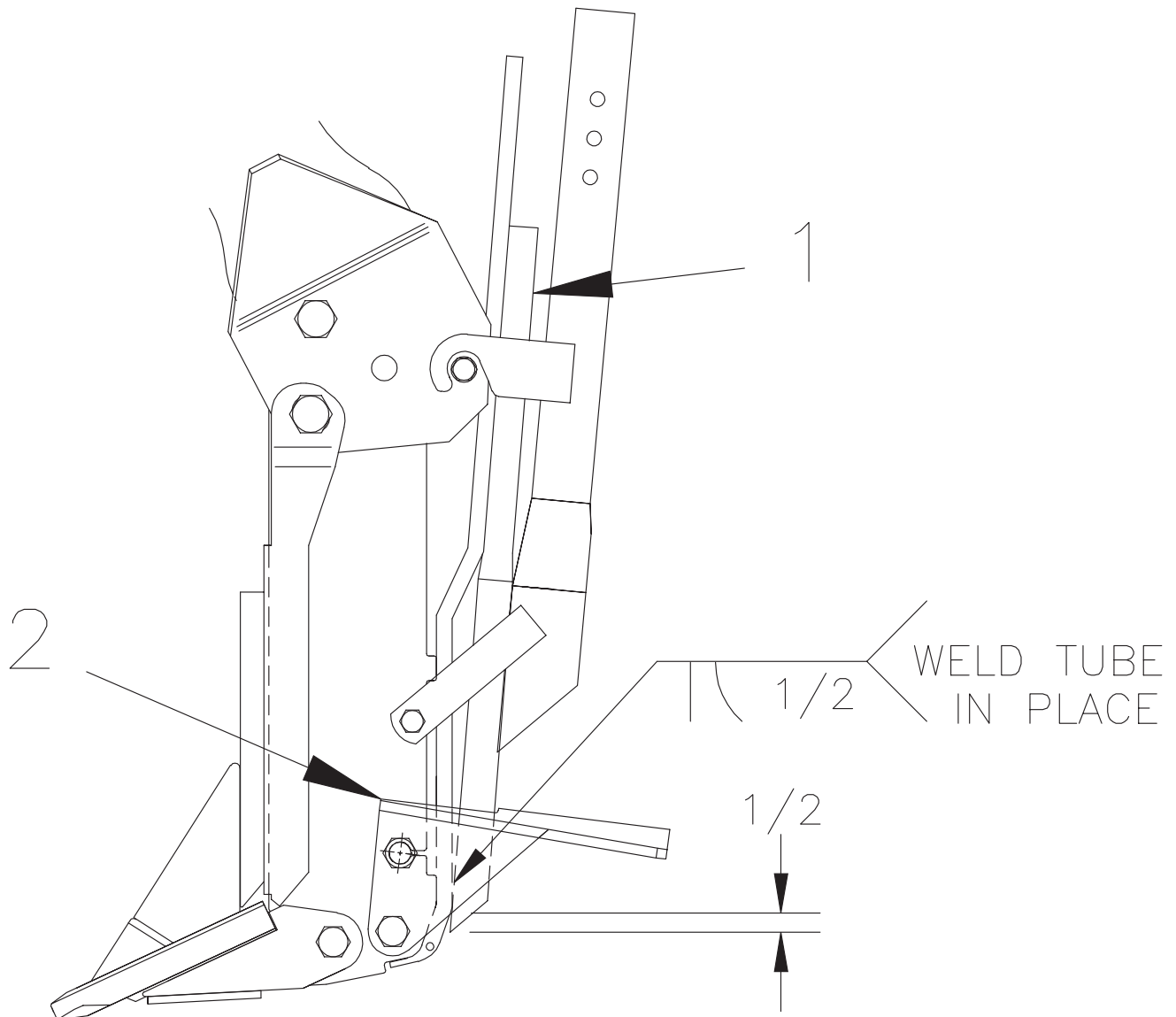
81005900 Dry Fertilizer Tube Assembly For Strip-Till Units Manufactured In 2009 & Later And Will Fit With A 1/2", 3/4" Vapor Tube On 81005914 Straight Shank Weldment



DWG. NO. 6491

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005919	4" Deflector Plate Weldment	1	6	950-001-159	Hex Head Cap Screw 1/2-13 x 2 1/2 Gr. 5	1
2	81006026	Dry Fertilizer Tube Weldment	1	7	10304	Lock Nut 1/2-13 2-Way	3
3	81005288	Spacer	2	8	614582	Clamp Hose 1/16 To 2	A/R
4	950-001-106	Hex Head Cap Screw 3/8-16 x 1 1/4 Gr. 5	1	9	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	2
5	951-005-051	Lock Nut 3/8-16 2-Way	1				

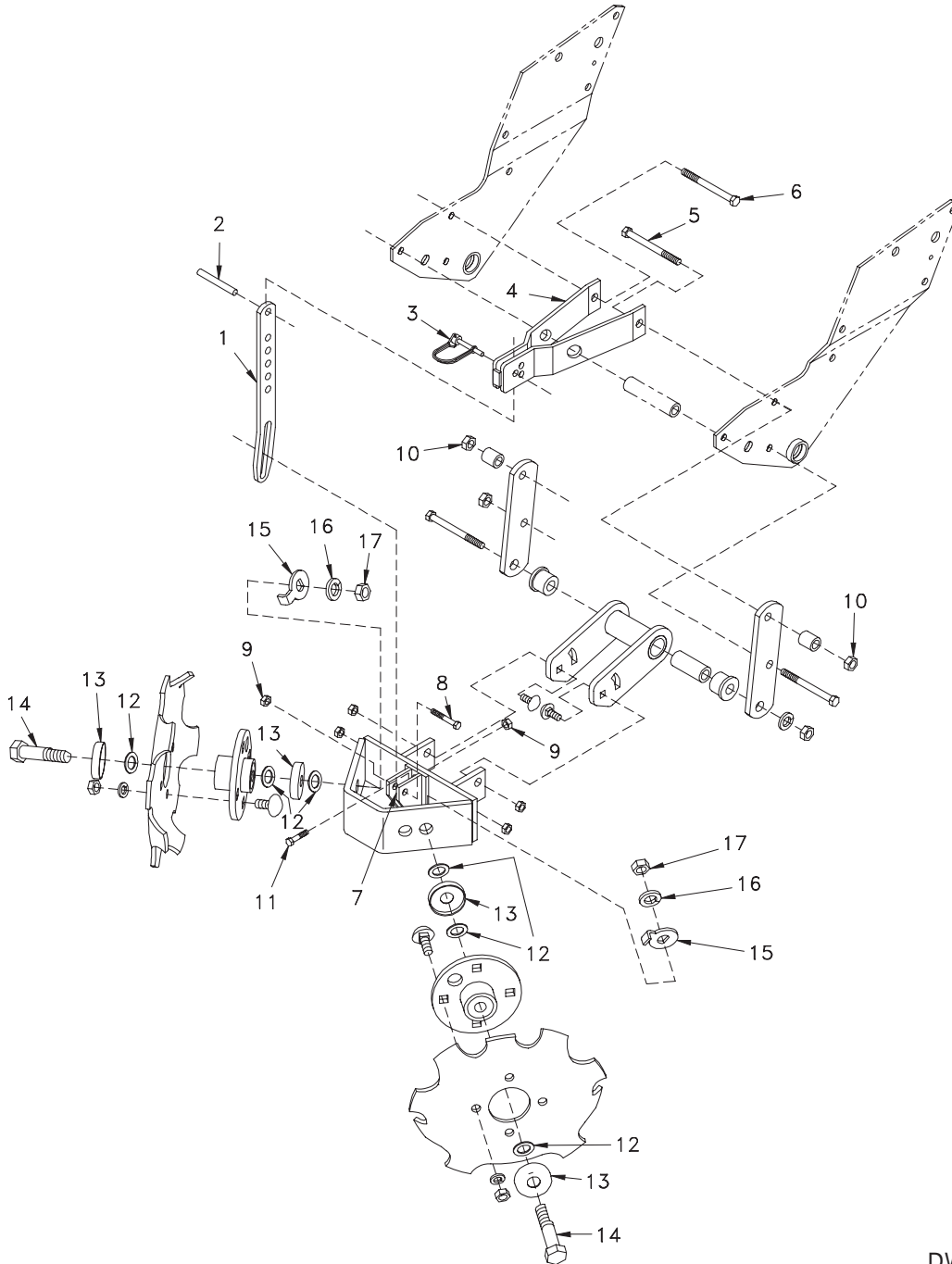
39216023 NH3 Vapor Tube



DWG. NO. 6445

To install 3/4 vapor tube (arrow 1) remove deflector bracket (arrow 2) first. Then weld tube in place, hold the 1/2 inch dimension at bottom. Reinstall deflector bracket.

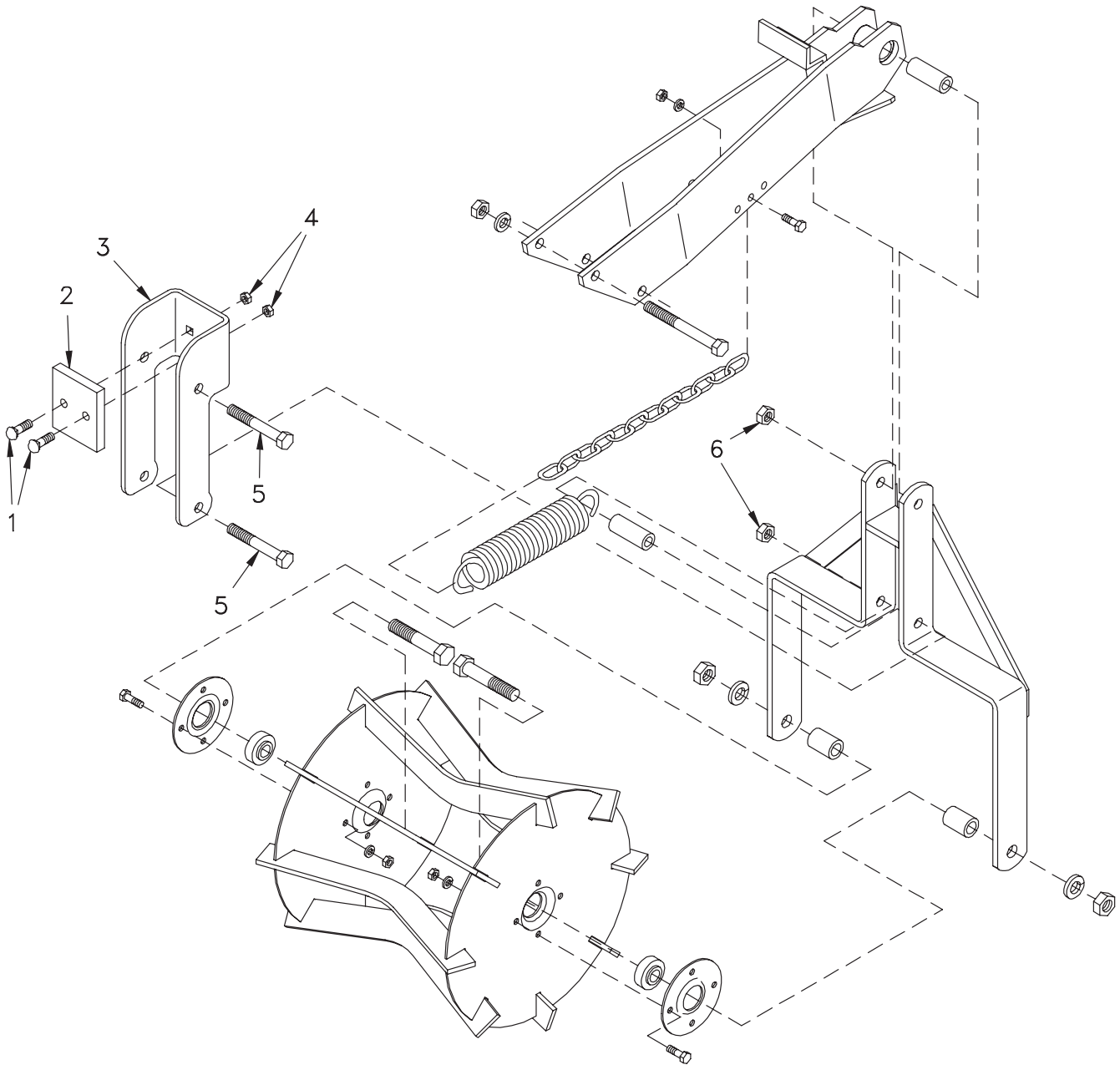
Row Cleaner Field Update For Strip-Till Units Manufactured Prior To 9-1-06



DWG. NO. 5896

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005884	Pull Strap	1	10	10304	Lock Nut 1/2-13	2
2	953-003-025	Slotted Spring Pin 3/8 x 3	1	11	950-001-106	Hex Head Cap Screw 3/8-16 x 1 1/4 Gr. 5	1
3	81005172	Safety Snap Pin 3/8 x 2 1/4	1	12	952-004-079	Machine Bushing 25/32 x 1 1/4 x .075 Hardened	6
4	81005124	Top Anchor Plate Weldment	1	13	81004802	Dust Cap	4
5	950-001-159	Hex Head Cap Screw 1/2-13 x 2 1/2 Gr. 5	1	14	81005816	Locking Hex Bolt	2
6	950-001-075	Hex Head Cap Screw 1/2-13 x 3 Gr. 5	1	15	81005815	Locking Tab	2
7	81005497	Bottom Anchor Weldment	1	16	952-001-006	Lock Washer 3/4 Inch	2
8	950-001-114	Hex Head Cap Screw 3/8-16 x 2 Gr. 5	1	17	951-001-009	Hex Nut 3/4-10 2-Way	2
9	951-005-003	Hex Nut 3/8-16 Mac Lock	2				

81005502 Rolling Basket Field Update For Strip-Till Units Manufactured Prior To 9-1-06

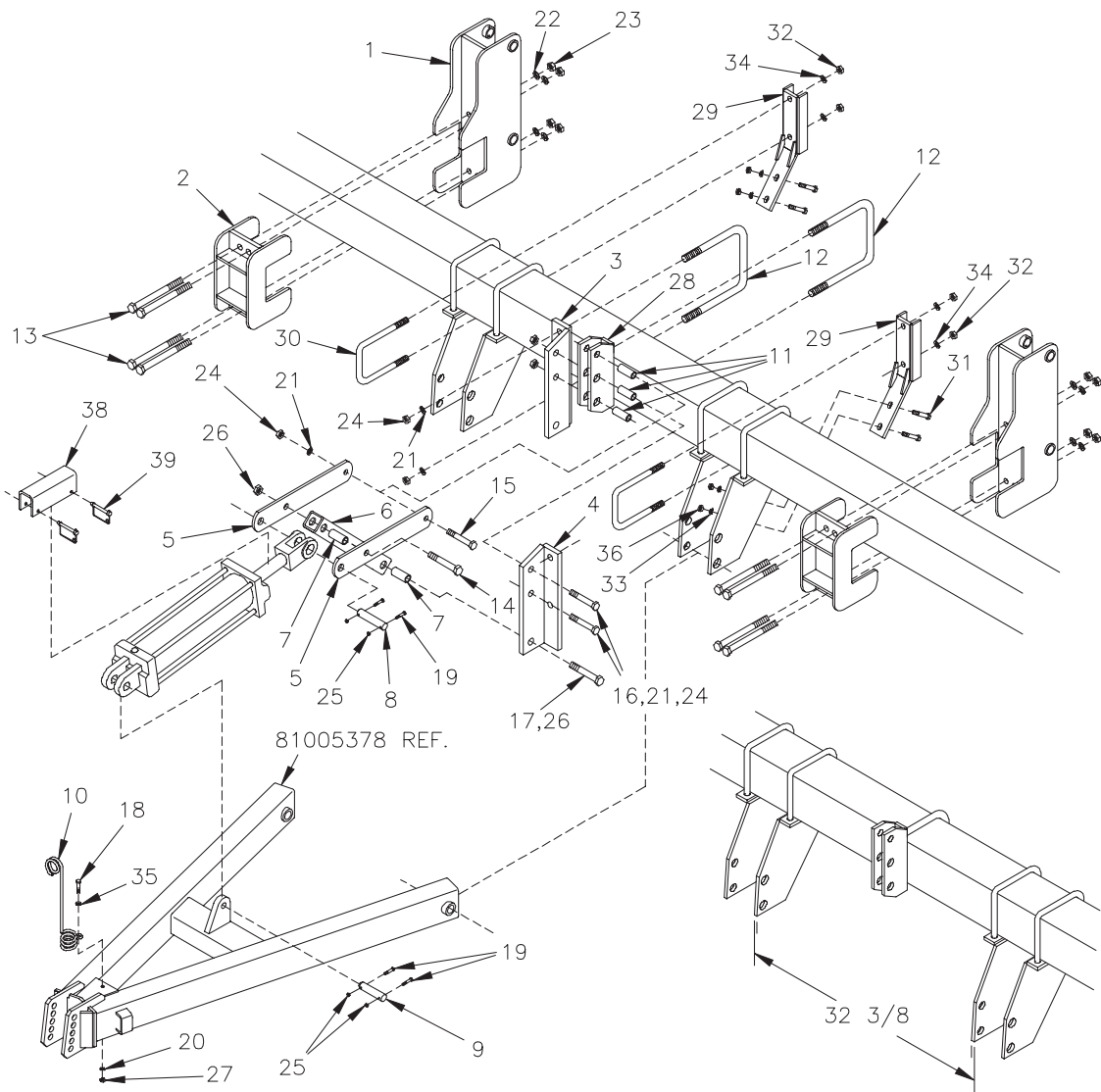


Part No. 81005502

DWG. NO. 5895

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	950-003-029	Carriage Bolt 3/8-16 x 1 Gr. 5	2	4	951-002-003	Lock Nut 3/8-16 Flanged Whiz Lock	2
2	81005323	Rubber Cushion	1	5	950-001-124	Hex Head Cap Screw 1/2-13 x 4 Gr. 5	2
3	81005501	Stop	1	6	10304	Lock Nut 1/2-13	2

Narrow Hitch Assembly 6-8 Row In Field Rigid Toolbar

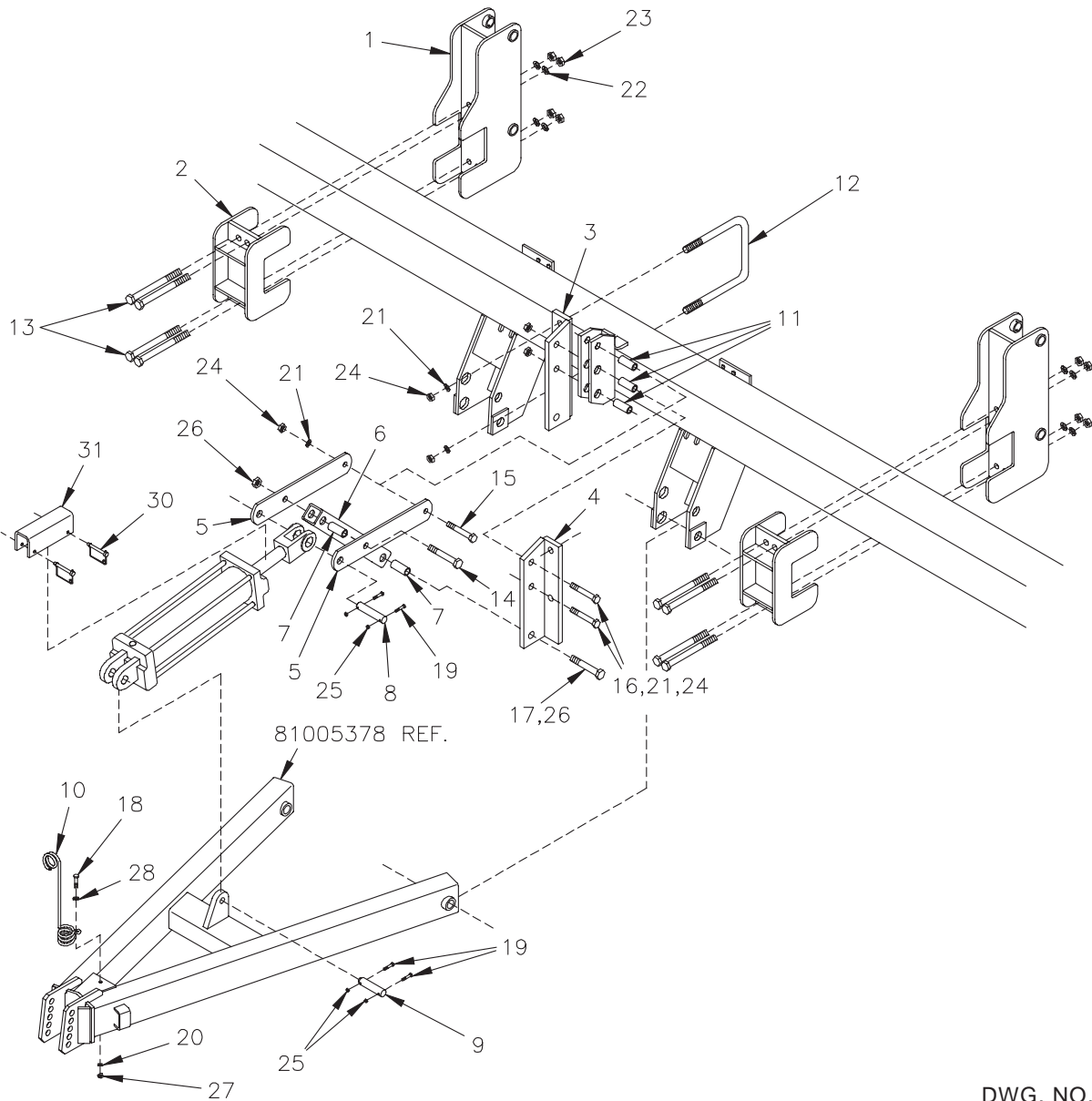


DWG. NO. 5919

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005266	Front Mount Weldment	2	21	952-001-008	Lock Washer 7/8 Inch Med Split SAE	9
2	81005426	Front Hitch Clamp Weldment	2	22	952-001-009	Lock Washer 1 Inch Med Split SAE	8
3	81005417	RH Center Toolbar Mount Bracket Weldment	1	23	951-001-011	Hex Nut 1-8	8
4	81005416	LH Center Toolbar Mount Bracket Weldment	1	24	951-001-010	Hex Nut 7/8-9	9
5	81005383	Lever	2	25	951-005-051	Lock Nut 3/8-16 2-Way	4
6	81005204	Tube	1	26	30008667	Lock Nut 1-8 2-Way	2
7	81005195	Pivot Spacer	2	27	951-001-007	Hex Nut 1/2-13	1
8	80504265	Pin	1	28	81005420	Mount Plate Weldment	1
9	627275	Pivot Pin	1	29	810-002-212	Support Weldment	2
10	000-69096	Hose Carrier	1	30	875-001-038	U-Bolt Plated	2
11	81005200	Spacer 3 3/16	3	31	950-001-185	Hex Head Cap Screw 5/8-11 x 2 1/4 Gr. 5	4
12	81003235	U-Bolt 7/8-11 x 7 7/8	3	32	951-001-009	Hex Nut 3/4-10	4
13	950-001-252	Hex Head Cap Screw 1-8 x 10 Gr. 5	8	33	952-001-005	Lock Washer 5/8 Inch Med Split SAE	4
14	950-001-215	Hex Head Cap Screw 1-8 x 5 1/2 Gr. 8	1	34	952-001-006	Lock Washer 3/4 Inch Med Split SAE	4
15	950-001-169	Hex Head Cap Screw 7/8-9 x 5 1/2 Gr. 5	1	35	952-002-005	Flat Washer 1/2 Inch Wrt	1
16	950-001-160	Hex Head Cap Screw 7/8-9 x 6 Gr. 5	2	36	951-001-008	Hex Nut 5/8-11	4
17	950-001-186	Hex Head Cap Screw 1-8 x 6 Gr. 5	1	37	80305383	5 x 8 Cylinder Assembly (See Page 75)	1
18	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	1	38	79202747	Cylinder Stop	1
19	950-001-092	Hex Head Cap Screw 3/8-16 x 1 3/4 Gr. 5	4	39	79202948	Tab Lock Pin 3/8 x 3	2
20	952-001-004	Lock Washer 1/2 Inch Med Split SAE	1				

STRIP-TILL HITCH ASSEMBLY

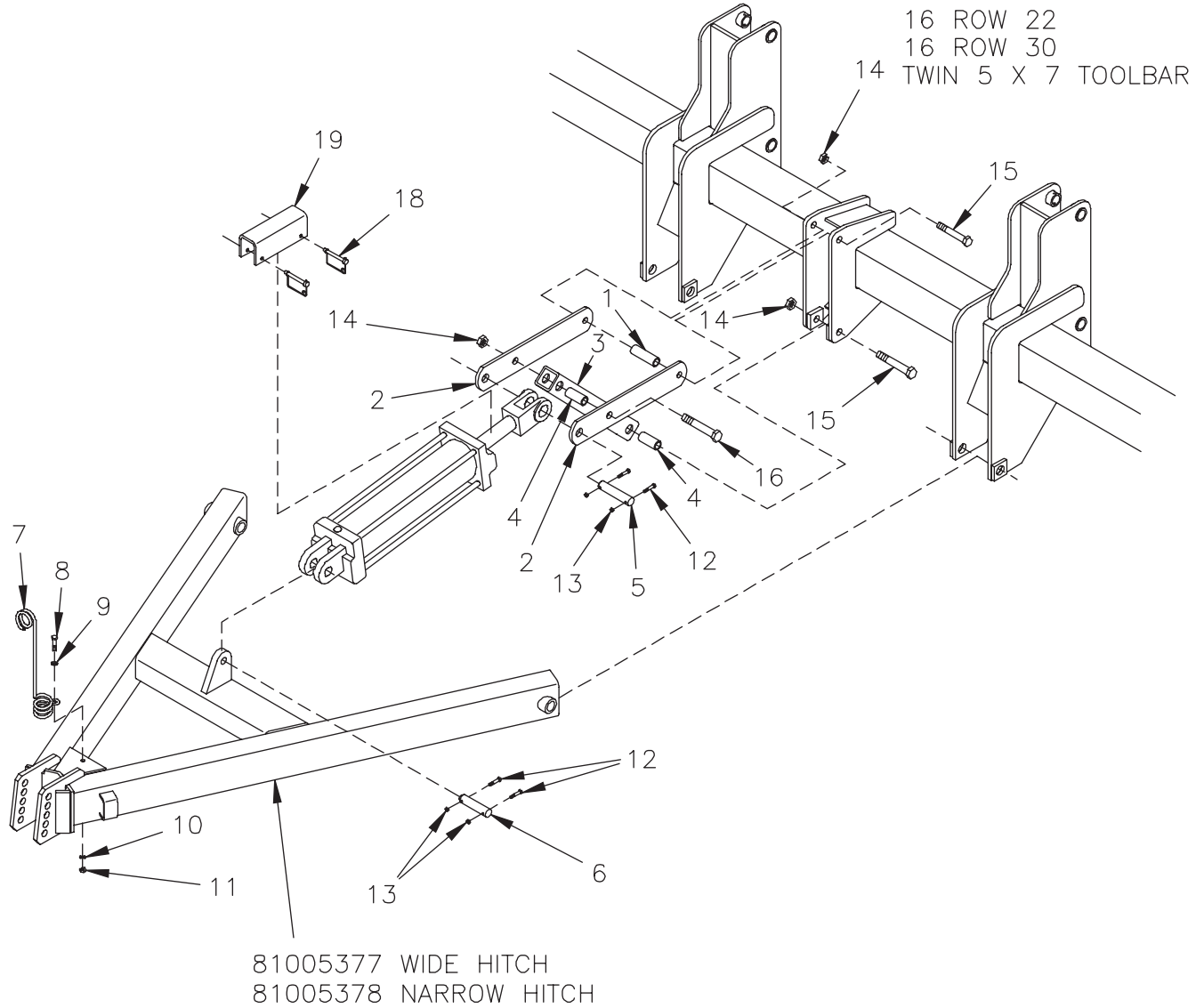
**Narrow Hitch Assembly 8-12 Row 30 In Field
Fold Toolbar**



DWG. NO. 5918

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005266	Front Mount Weldment	2	17	950-001-186	Hex Head Cap Screw 1-8 x 6 Gr. 5	1
2	81005426	Front Hitch Clamp Weldment	2	18	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	1
3	81005417	RH Center Toolbar Mount Bracket Weldment	1	19	950-001-092	Hex Head Cap Screw 3/8-16 x 1 3/4 Gr. 5	4
4	81005416	LH Center Toolbar Mount Bracket Weldment	1	20	952-001-004	Lock Washer 1/2 Inch Med Split SAE	1
5	81005383	Lever	2	21	952-001-008	Lock Washer 7/8 Inch Med Split SAE	7
6	81005204	Tube	1	22	952-001-009	Lock Washer 1 Inch Med Split SAE	8
7	81005195	Pivot Spacer	2	23	951-001-011	Hex Nut 1-8	8
8	80504265	Pin	1	24	951-001-010	Hex Nut 7/8-9	7
9	627275	Pivot Pin	1	25	951-005-051	Lock Nut 3/8-16 2-Way	4
10	000-69096	Hose Carrier	1	26	30008667	Lock Nut 1-8 2-Way	2
11	81005200	Spacer 3 3/16	3	27	951-001-007	Hex Nut 1/2-13	1
12	81003235	U-Bolt 7/8-11 x 7 7/8	2	28	952-002-005	Flat Washer 1/2 Inch Wrt	1
13	950-001-252	Hex Head Cap Screw 1-8 x 10 Gr. 5	8	29	80305383	5 x 8 Cylinder Assembly (See Page 75)	1
14	950-001-215	Hex Head Cap Screw 1-8 x 5 1/2 Gr. 8	1	30	79202747	Cylinder Stop	1
15	950-001-169	Hex Head Cap Screw 7/8-9 x 5 1/2 Gr. 5	1	31	79202948	Tab Lock Pin 3/8 x 3	2
16	950-001-160	Hex Head Cap Screw 7/8-9 x 6 Gr. 5	2				

Wide Hitch Assembly Strip-Till 8-12 Row 30 Fold Toolbar

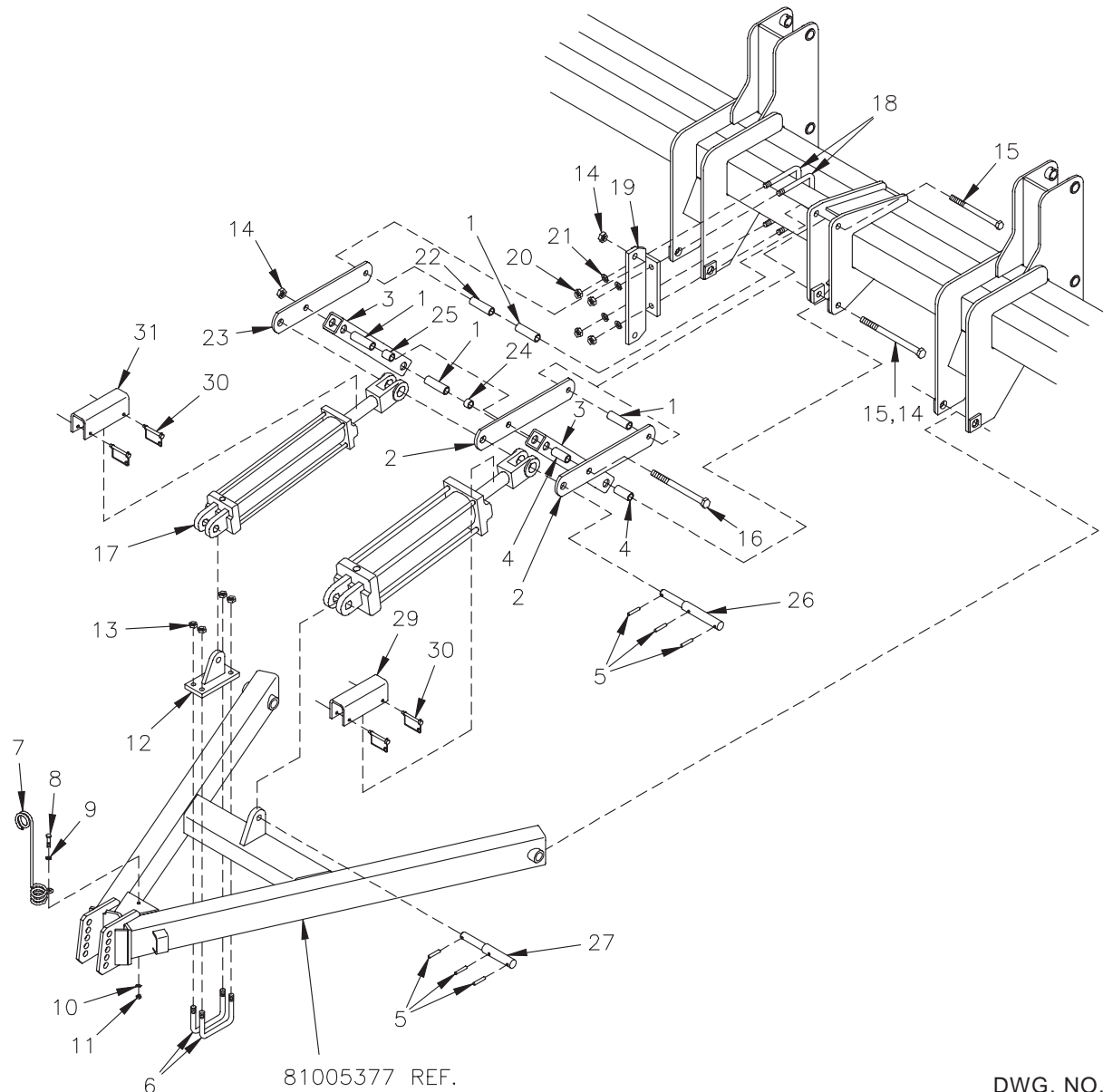


DWG. NO. 5920

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005197	Spacer 4 1/2 Long	1	11	951-001-007	Hex Nut 1/2-13	1
2	81005201	Lever	2	12	950-001-092	Hex Head Cap Screw 3/8-16 x 1 3/4 Gr. 5	4
3	81005204	Tube	1	13	951-005-051	Lock Nut 3/8-16, 2-Way	4
4	81005195	Pivot Spacer	2	14	30008667	Lock Nut 1-8, 2-Way	3
5	80504265	Pin	1	15	062065	Hex Head Cap Screw 1-8 x 7 Gr. 8	2
6	627275	Pivot Pin	1	16	950-001-186	Hex Head Cap Screw 1-8 x 6 Gr. 5	1
7	000-69096	Hose Carrier	1	17	80305383	5 x 8 Cylinder Assembly (See Page 75)	1
8	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	1	18	79202747	Cylinder Stop	1
9	952-002-005	Flat Washer 1/2 Inch WRT	1	19	79202948	Tab Lock Pin 3/8 x 3	2
10	952-001-004	Lock Washer 1/2 Inch Med Split SAE	1				

STRIP-TILL HITCH ASSEMBLY

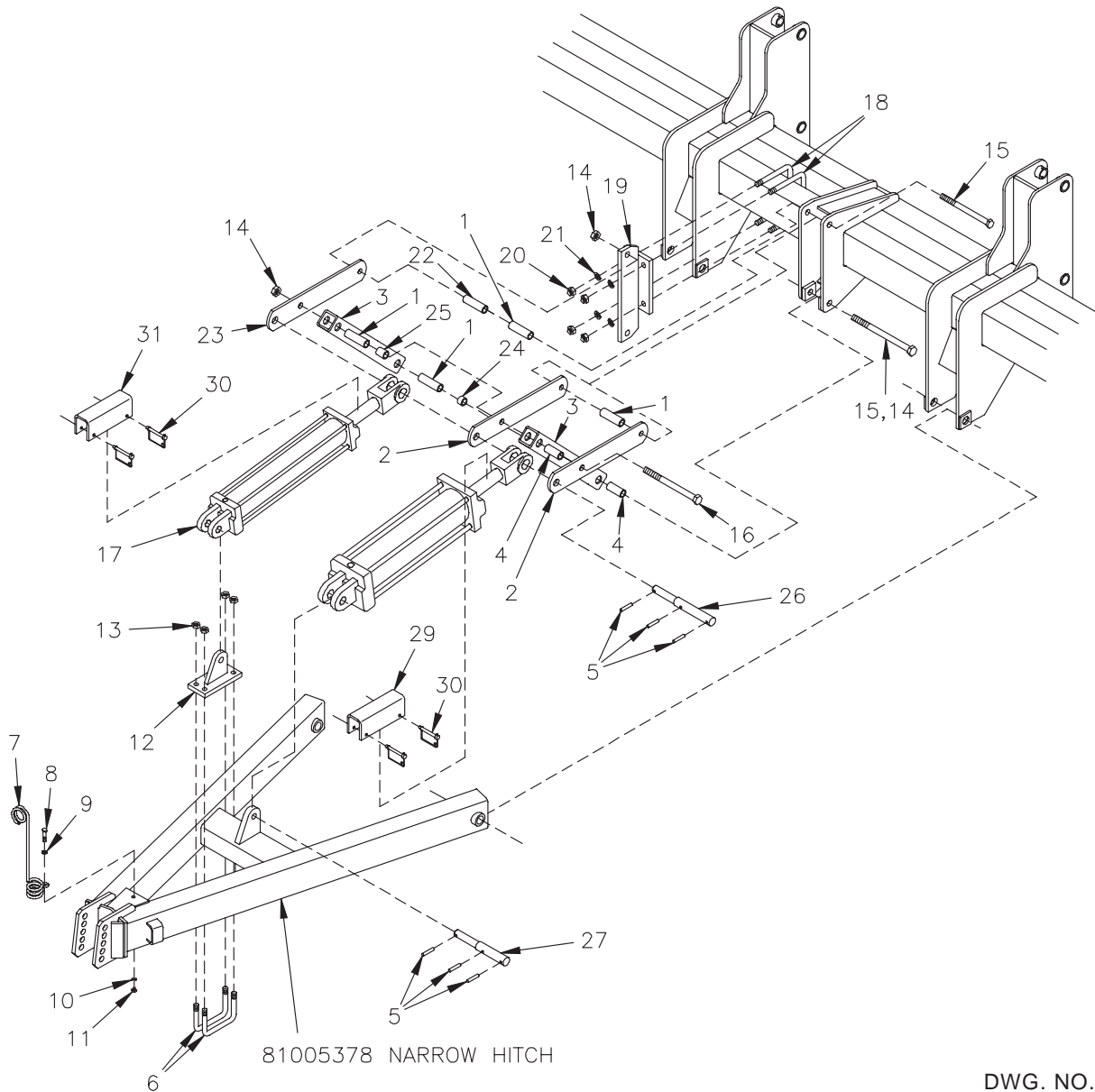
**Wide Hitch Assembly Strip-Till Twin Tube Toolbar
16 Row 30**



DWG. NO. 5921

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005197	Spacer 4 1/2 Long	4	17	81004503	3 x 8 Cylinder Assembly SAE (See Page 65)	1
2	81005201	Lever	2	18	624377	U-Bolt 7/8-9 x 7 7/8	2
3	81005204	Tube	2	19	81005375	Mount Bracket Weldment	1
4	81005195	Pivot Spacer	2	20	951-001-010	Hex Nut 7/8-9	4
5	30009024	Slotted Spring Pin 3/8 x 2	6	21	952-001-008	Lock Washer 7/8 Inch Med Split SAE	4
6	860-001-413	U-Bolt 6 3/4	2	22	81005196	Outer Spacer 3 3/4	1
7	000-69096	Hose Carrier	1	23	81005202	Outer Lever	1
8	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	1	24	81005199	Outer Spacer 3/4	1
9	952-002-005	Flat Washer 1/2 Inch WRT	1	25	81005198	Outer Spacer 1 3/8	1
10	952-001-004	Lock Washer 1/2 Inch Med Split SAE	1	26	81005221	Upper Pin	1
11	951-001-007	Hex Nut 1/2-13	1	27	81005222	Lower Pin	1
12	81005245	Cylinder Attaching Weldment	1	28	80305383	5 x 8 Cylinder Assembly (See Page 75)	1
13	951-005-037	Lock Nut 3/4-10 2-Way	4	29	79202747	Cylinder Stop	1
14	30008667	Lock Nut 1-8 2-Way	3	30	79202948	Tab Lock Pin 3/8 x 3	4
15	950-001-280	Hex Head Cap Screw 1-8 x 12 Gr. 5	2	31	81006039	Cylinder Stop	1
16	950-001-281	Hex Head Cap Screw 1-8 x 11 Gr. 5	1				

Narrow Hitch Assembly Strip-Till 16 Row 22 Twin 5 x 7 Toolbar



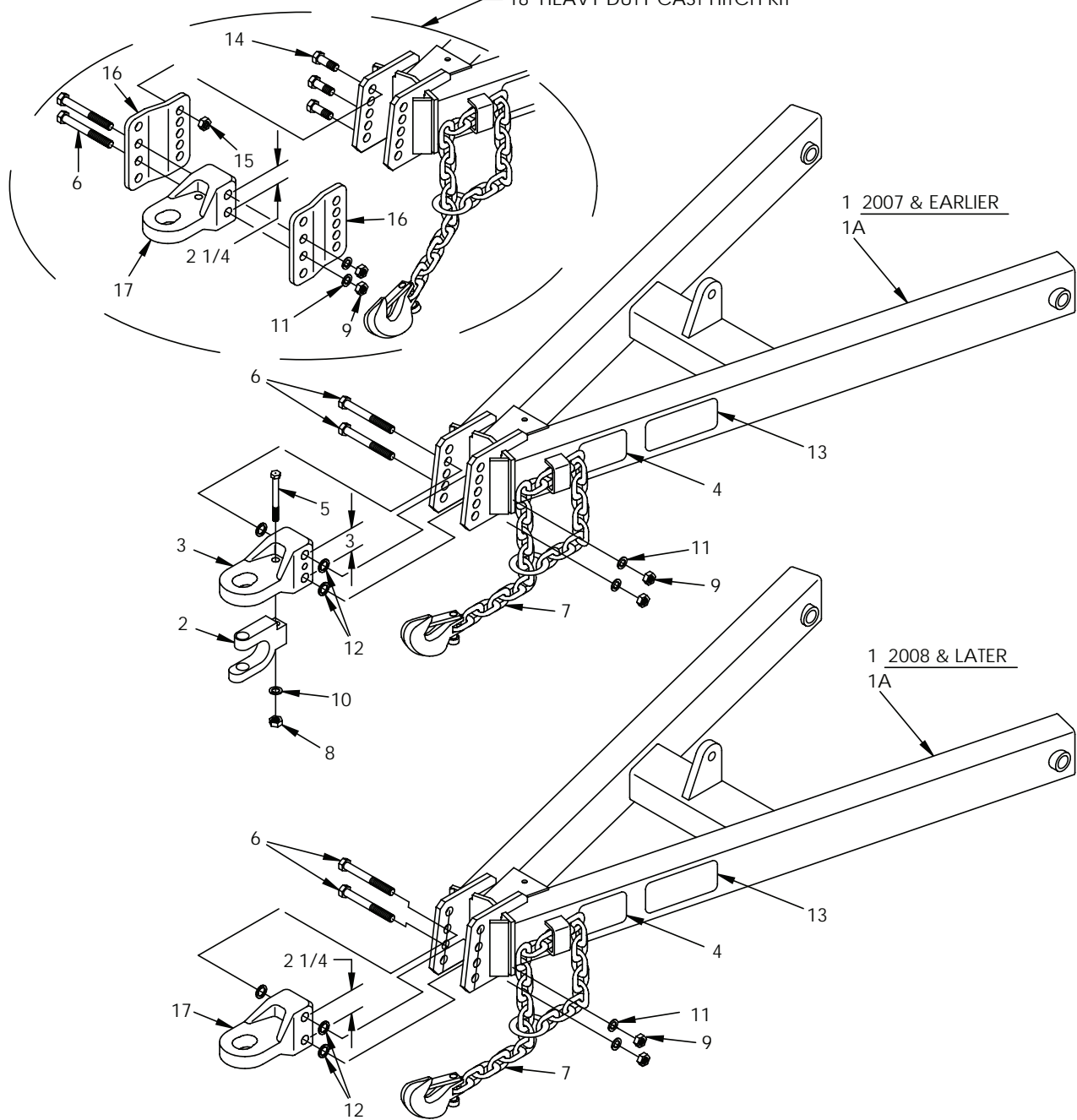
DWG. NO. 6556

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005197	Spacer 4 1/2 Long	4	17	81004503	3 x 8 Cylinder Assembly SAE	1
2	81005201	Lever	2	18	624377	U-Bolt 7/8-9 x 7 7/8	2
3	81005204	Tube	2	19	81005375	Mount Bracket Weldment	1
4	81005195	Pivot Spacer	2	20	951-001-010	Hex Nut 7/8-9	4
5	30009024	Slotted Spring Pin 3/8 x 2	6	21	952-001-008	Lock Washer 7/8 Med Split SAE	4
6	860-001-413	U-Bolt 6 3/4	2	22	81005196	Outer Spacer 3 3/4	1
7	000-69096	Hose Carrier	1	23	81005202	Outer Lever	1
8	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	1	24	81005199	Outer Spacer 3/4	1
9	952-002-005	Washer-Flat 1/2 WRT	1	25	81005198	Outer Spacer 1 3/8	1
10	952-001-004	Lock Washer 1/2 Med Split SAE	1	26	81005221	Upper Pin	1
11	951-001-007	Hex Nut 1/2-13	1	27	81005222	Lower Pin	1
12	81005245	Cylinder Attaching Weld	1	28	80305383	5 x 8 Cylinder Assembly (See Page 75)	1
13	951-005-037	Lock Nut 3/4-10, 2-Way	4	29	79202747	Cylinder Stop	1
14	30008667	Lock Nut 1-8, 2-Way	3	30	79202748	Tab Lock Pin 3/8 x 3	4
15	950-001-280	Hex Head Cap Screw 1-8 x 12 Gr. 5	2	31	81006039	Cylinder Stop	1
16	950-001-281	Hex Head Cap Screw 1-8 x 11 Gr. 5	1				

STRIP-TILL HITCH ASSEMBLY

Wide And Narrow Hitch Clevis

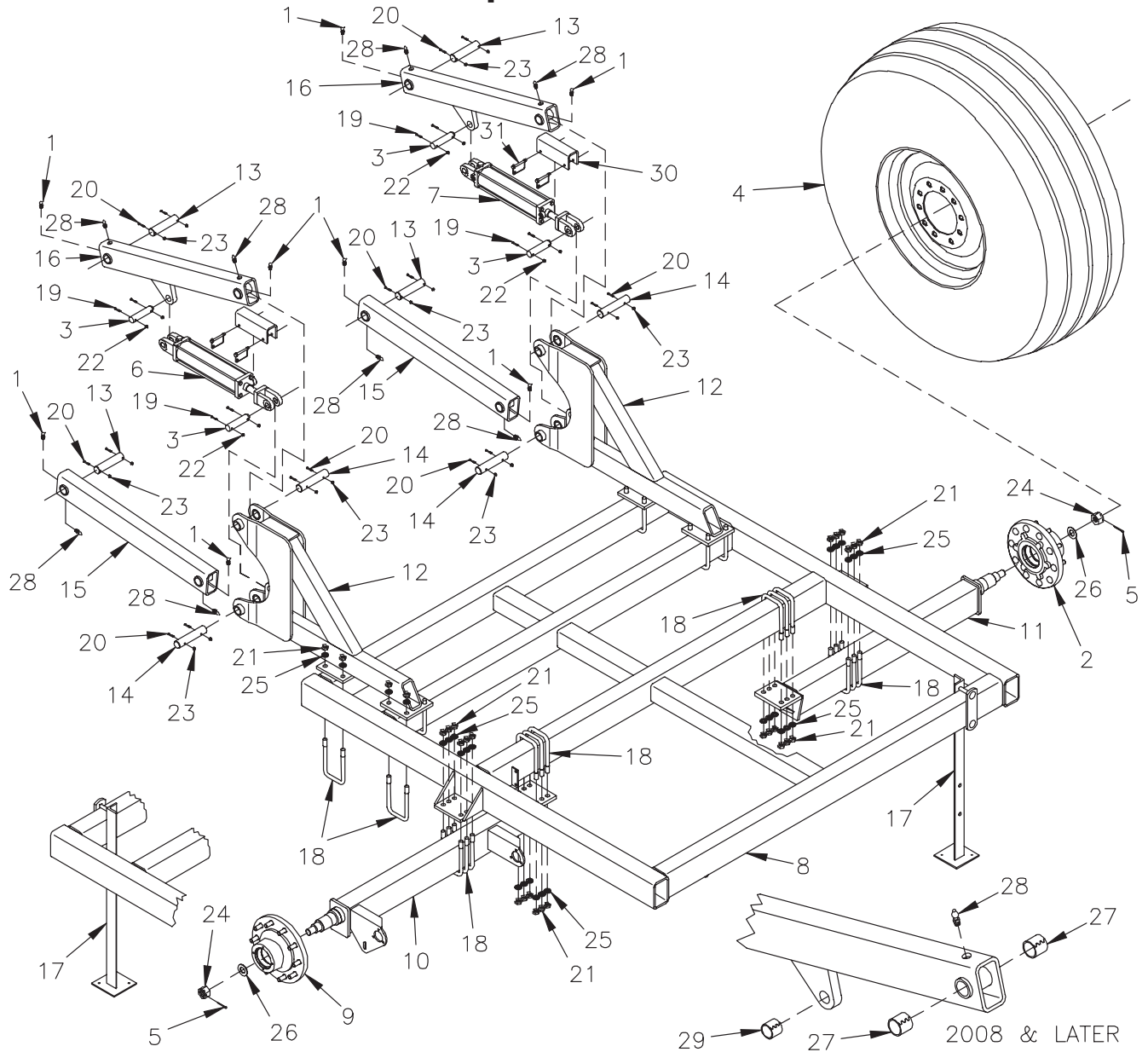
FOR 2007 & EARLIER
18 HEAVY DUTY CAST HITCH KIT



DWG. NO. 6170

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005247	Tongue Weldment Narrow (2007 & Earlier)	1	9	951-001-011	Hex Nut 1-8	2
	81005247	Tongue Weldment Narrow (2008 & Later)	1	10	952-001-006	Lock Washer 3/4 Inch Med Split SAE	1
1A	81005246	Tongue Weldment Wide (2007 & Earlier)	1	11	952-001-009	Lock Washer 1 Inch Med Split SAE	2
	81005246	Tongue Weldment Wide (2008 & Later)	1	12	952-004-050	Machine Bushing 1 1/2 x 1 1/32 x 10 Ga.	4
2	85501526	Double Clevis 1 3/8	1	13	85501783	Decal Caution	1
3	85501527	Hitch CTD PPI-331 -VH	1	14	950-001-144	Hex Head Cap Screw 1-8 x 2 1/2 Gr. 5	6
4	85501787	Decal Caution	1	15	30008667	Lock Nut 1-8 2-Way	6
5	950-001-129	Hex Head Cap Screw 3/4-10 x 5 1/2 Gr. 5	1	16	81005824	Adapter Plate	2
6	062065	Hex Head Cap Screw 1-8 x 7 Gr. 8	2	17	81005823	Hitch CTD PPI-421V3, Hardened	1
7	627233	Safety Chain 20,200 Lbs	1	18	81005826	Heavy Duty Cast Hitch Kit	1
8	951-001-009	Hex Nut 3/4-10	1				

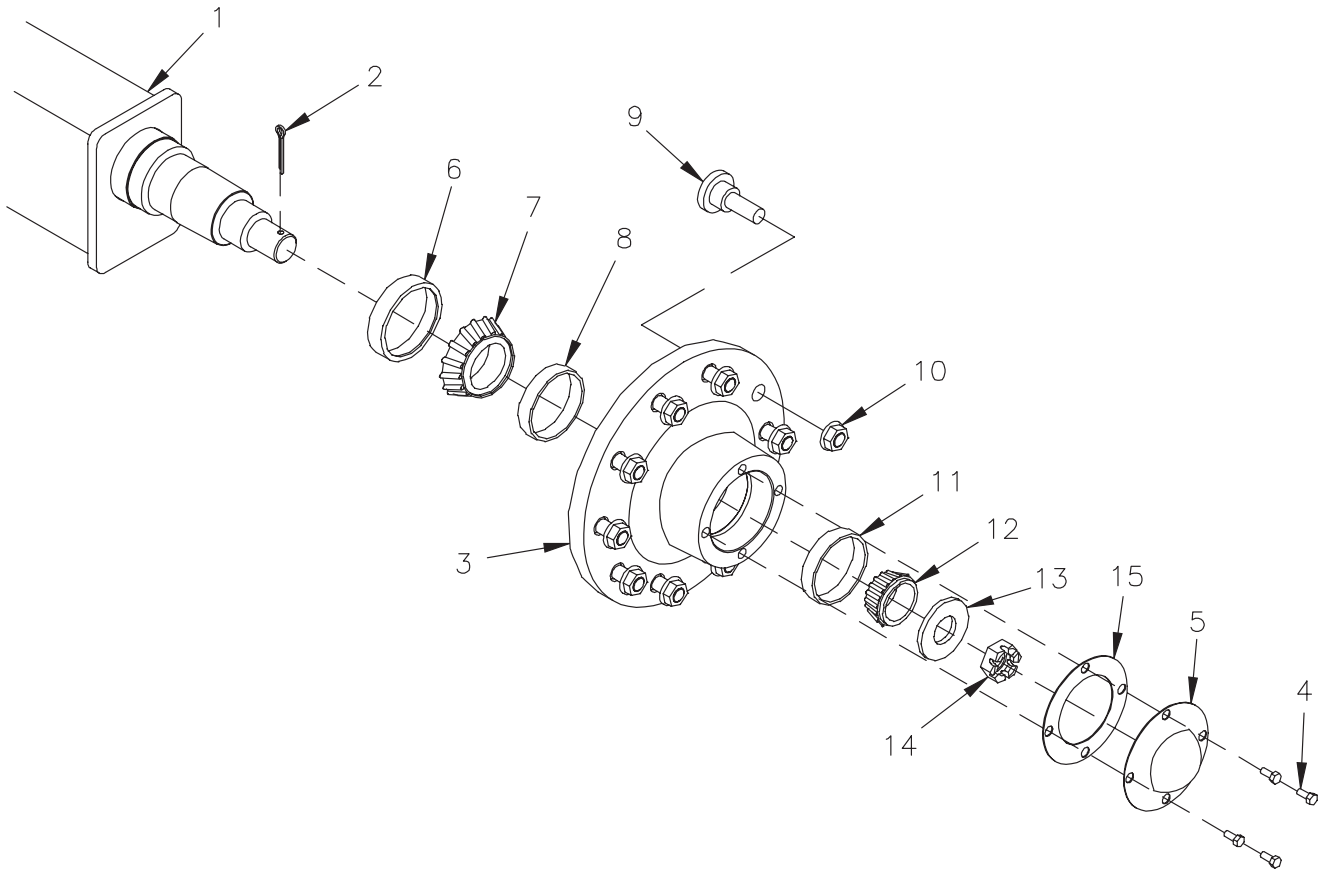
Strip-Till Trailer



DWG. NO. 6152

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	203-50000	Zerk 1/4 28 Tapered Thread 45° (2007 & Earlier)	8	17	81005526	Stand Assembly Tall	2
2	627104	Hub Assembly 10-Bolt (See Page 46)	1	18	860-001-323	U-Bolt 4 3/4 x 7 11/16	20
3	627275	Pivot Pin	4	19	950-001-092	Hex Head Cap Screw 3/8-16 x 1 3/4 Gr. 5	8
4	628195	380/95x38 Tire & Rim Assembly (See Page 47)	2	20	950-001-097	Hex Head Cap Screw 5/16-18 x 2 1/2 Gr. 5	16
5	953-001-025	Cotter Pin 7/32 x 2 EP Square Cut	2	21	951-001-009	Hex Nut 3/4-10	40
6	80305384	4 1/2 x 8 Cylinder (See Page 76)	1	22	951-005-051	Lock Nut 3/8-16 2 Way	8
7	80305385	4 3/4 x 8 Cylinder (See Page 75)	1	23	951-005-064	Lock Nut 5/16-18 2 Way	16
8	81005231	Trailer Frame Weldment	1	24	951-005-091	Hex Nut Slotted 1 1/4-12 GB	2
9	81005240	Hub Assembly (To Fit Sprocket) (See Page 46)	1	25	952-001-006	Lock Washer 3/4 Inch Med Split SAE	40
10	81005241	LH Axle Weldment	1	26	952-002-018	Flat Washer 1 1/4 Inch	4
11	81005242	RH Axle Weldment	1	27	81005846	Spring Bushing (2008 & Later)	16
12	81005274	Rear Mast Weldment	2	28	955-001-002	Zerk 1/4-28 Tapped Thread Straight (2008 & Later)	8
13	81005852	Front Mast Pin	4	29	81005855	Spring Bushing (2008 & Later)	4
14	81005853	Rear Mast Pin	4	30	79202747	Cylinder Stop	2
15	81005851	Lower Parallel Link Weldment	2	31	79202948	Tab Lock Pin 3/8 x 3	4
16	81005850	Upper Parallel Link Weldment	2				

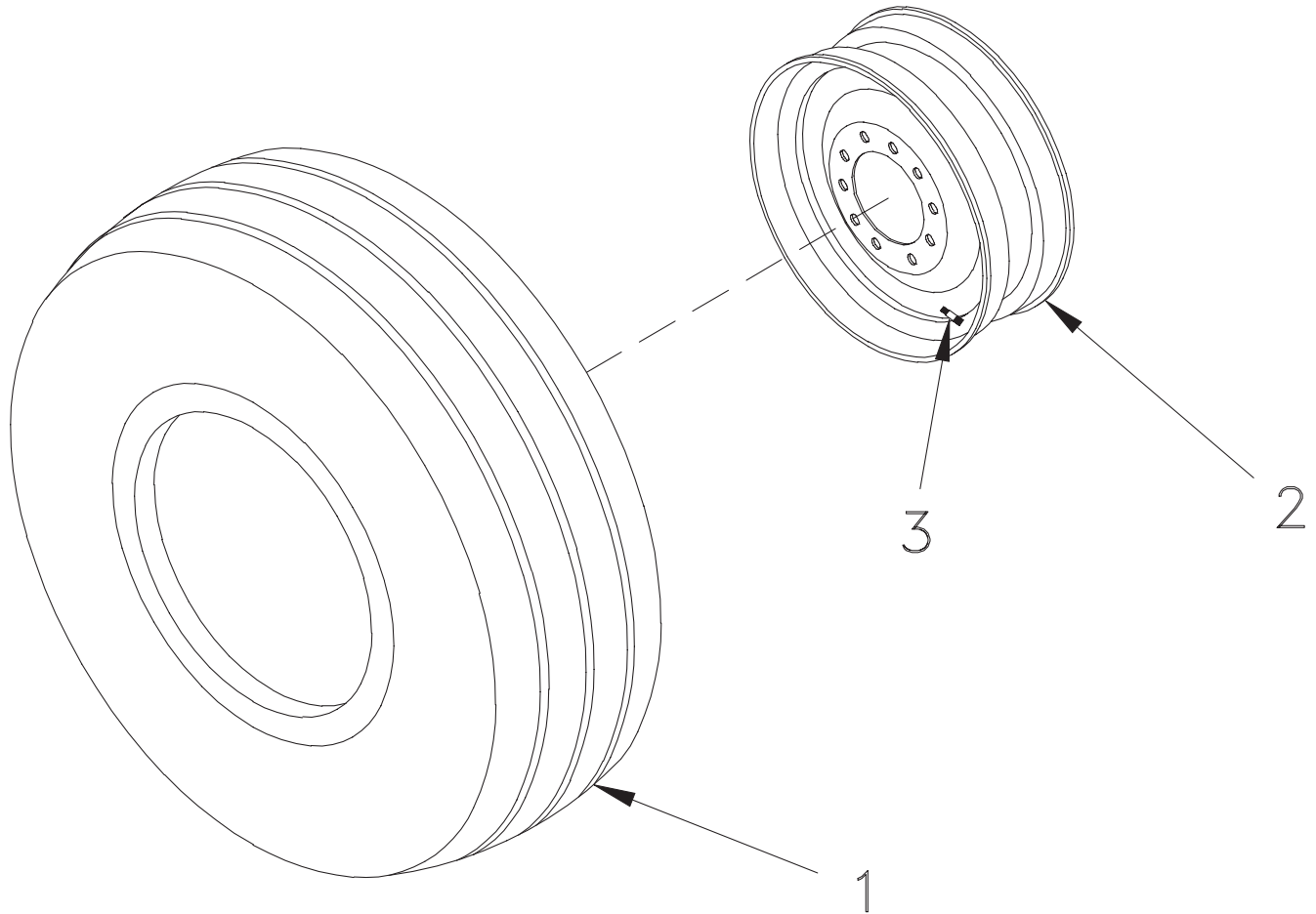
Spindle Assembly 10 Bolt



DWG. NO. 6171

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005241	LH Axle Weldment	1	8	627106	Inner Cup Timken #39520	1
	81005242	RH Axle Weldment	1	9	627254	Stud Bolt 3/4	10
2	953-001-025	Cotter Pin 7/32 Dia. P401904	1	10	951-002-010	Flange Nut 3/4-16	10
3	627103	Hub W/Cups RH Hub (For RH Side)	1	11	627107	Outer Cup Timken #453A	1
	81005240	Hub Assembly Complete W/Tap Holes (For LH Side)	1	12	627099	Outer Cone	1
4	031-06051	Hex Head Cap Screw 5/16-18 x 1/2 Gr. 5	4	13	952-002-018	Spindle Washer	1
5	627108	Hub Cap #P502016	1	14	951-005-091	Nut 1 1/4-12	1
6	627101	Grease Seal	1	15	627102	Rubber Gasket	1
7	627100	Inner Cone	1				

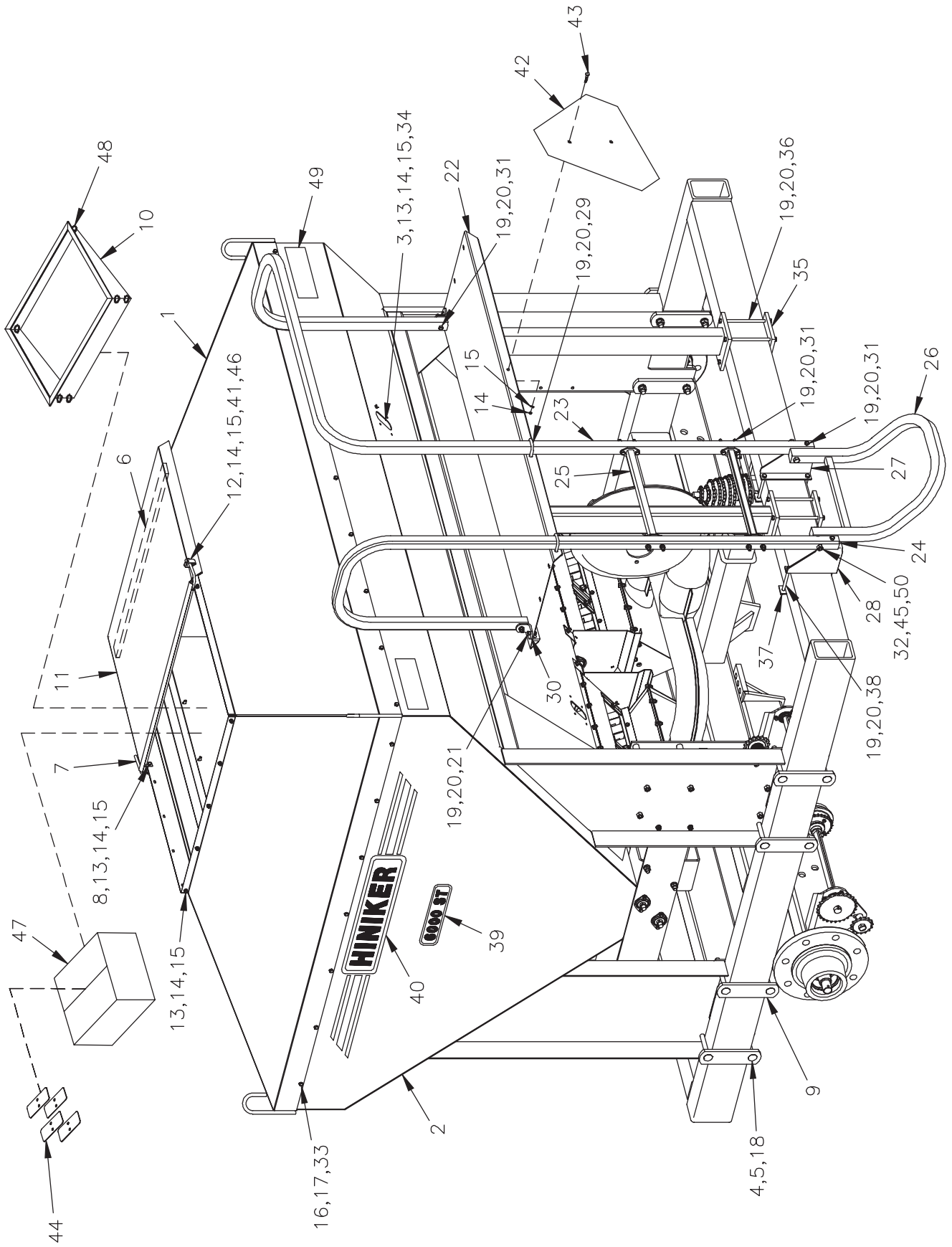
Tire And Rim Assembly 380/95 x 38 14 Ply 10 Bolt



DWG. NO. 5776

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	628196	Tire 380/95x38 14 Ply	1	3	80504793	Tire Valve	1
2	628197	Rim W 12 x 38 Wheel	1				

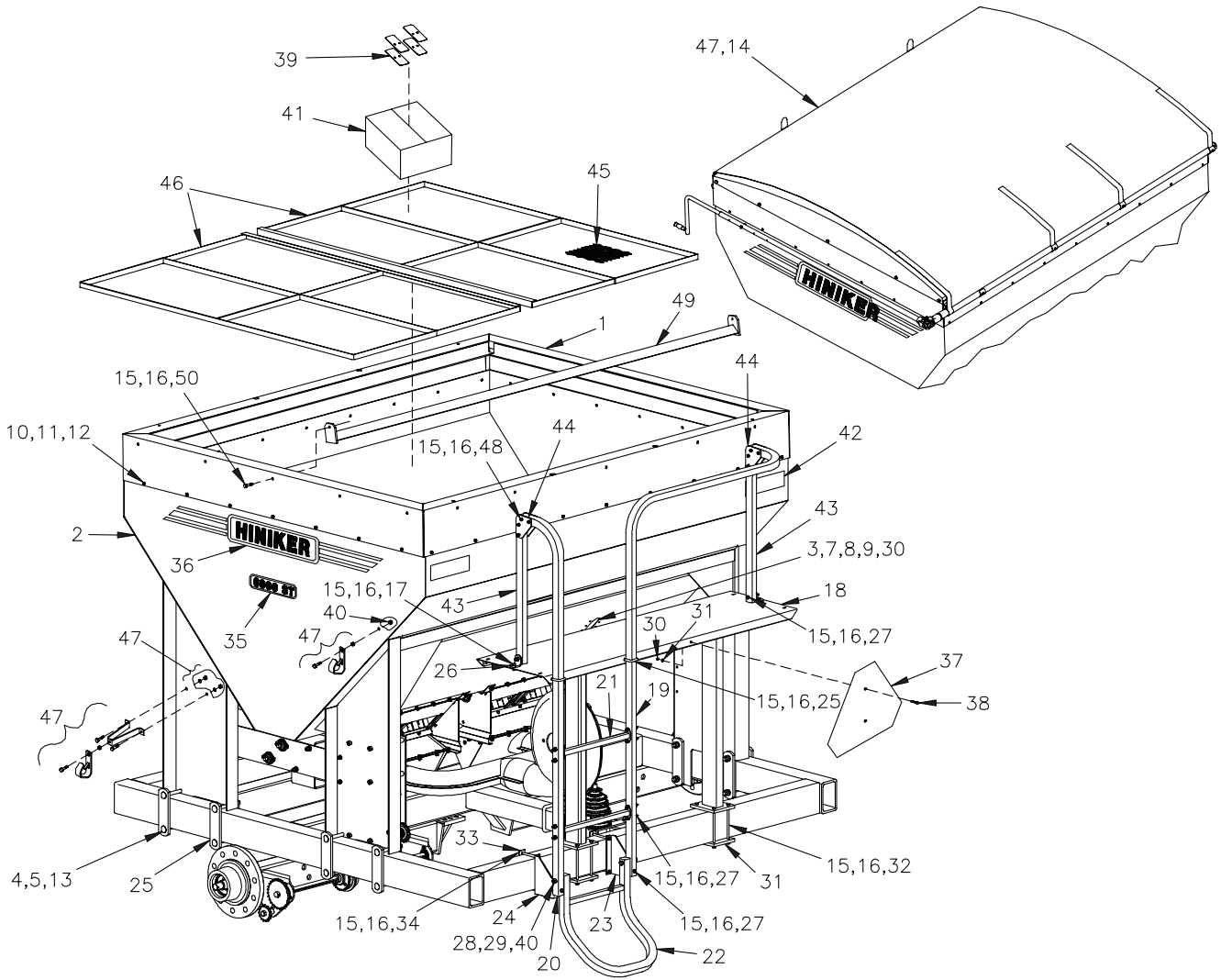
Dry Fertilizer Tank 2006



STRIP-TILL DRY FERTILIZER TANK

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005191	Upper Tank Weldment	1	26	81005095	Bottom Step Weldment	1
2	81005192	Lower Tank Weldment	1	27	81005093	RH Support Bracket	1
3	81005112	Window Bracket	8	28	81005094	LH Support Bracket	1
4	952-001-005	Lock Washer 5/8 Med Split SAE	25	29	810-001-650	1 7/8 U-bolt	2
5	951-001-008	Hex Nut 5/8-11	25	30	80305406	Top Anchor	2
6	81005149	Cover Weather Stripping	2	31	031-06111	Hex Head Cap Screw 3/8-16 x 2 1/2 Gr. 5	12
7	81005153	Cover Handle	1	32	031-06214	Hex Head Cap Screw 1/2-13 x 3 3/4 Gr. 5	2
8	81005119	Plate	2	33	950-001-113	Hex Head Cap Screw 5/16-18 x 3/4 Gr. 5	32
9	81005150	Strap	16	34	81005148	Window Glass	4
10	81005296	Screen Weldment	2	35	81005089	Mount Plate	2
11	81005193	Cover Weldment	2	36	950-001-240	Hex Head Cap Screw 3/8-16 x 7 1/2 Gr. 5	8
12	81005170	Cover Latch	1	37	81005161	Strap	2
13	950-001-117	Hex Head Cap Screw 1/4-20 x 3/4 Gr. 5	70	38	950-001-209	Hex Head Cap Screw 3/8-16 x 5 Gr. 5	4
14	952-001-001	Lock Washer 1/4 Med Split SAE	82	39	81005527	Decal 6000 ST	2
15	951-001-003	Hex Nut 1/4-20	42	40	71505168	Decal Hiniker	2
16	952-001-002	Lock Washer 5/16 Med Split SAE	100	41	950-001-319	Hex Head Cap Screw 1/4-20 x 1 1/2 SS	1
17	951-001-004	Hex Nut 5/16-18	100	42	850-001-354	SMV Sign	1
18	950-003-079	Carriage Bolt 5/8-11 x 6 1/2 Gr. 5	16	43	950-001-003	Hex Head Cap Screw 1/4-20 x 1 Gr. 2	1
19	952-001-007	Lock Washer 3/8 Med Split SAE	42	44	81005387	Blanking Plate	4
20	951-001-005	Hex Nut 3/8-16	38	45	10304	Lock Nut 1/2-13	2
21	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	10	46	703-00209	Locking Pin	1
22	81005098	Platform Weldment	1	47	36017001	Clutch Control Kit, Strip Till (See Page 105 & 109)	1
23	81005096	RH Handrail	1	48	367-001-014	Cable Tie Black 8"	12
24	81005097	LH Handrail	1	49	80302332	Warning Decal, No Riders	2
25	81005090	Step Weldment	2	50	952-002-005	Flat Washer 1/2 WRT	2

Dry Fertilizer Tank 2007 & Later Single Compartment

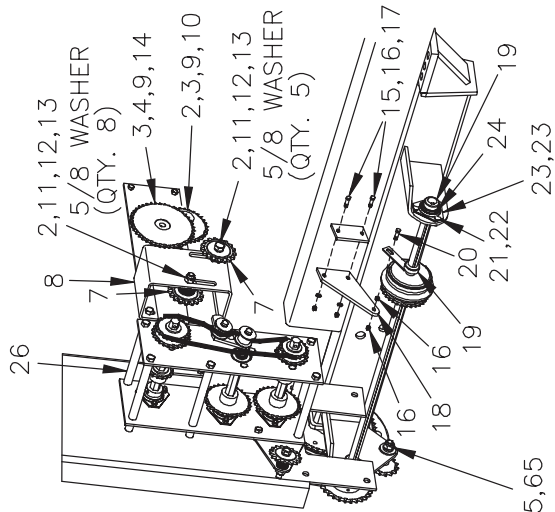
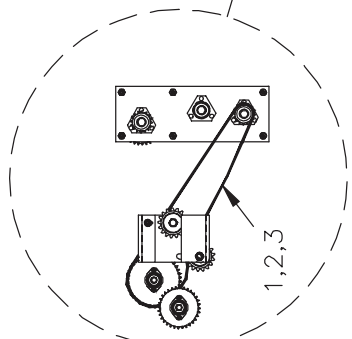
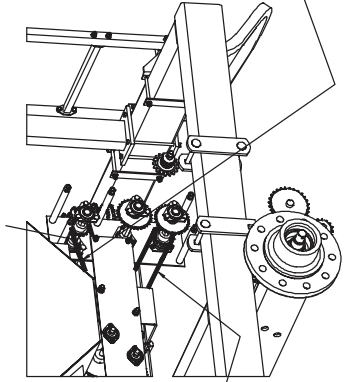
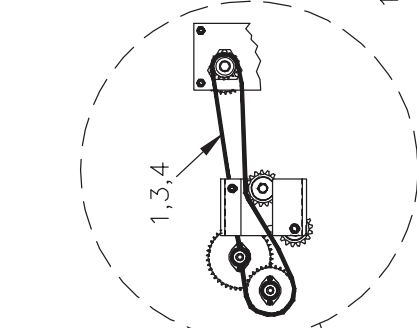
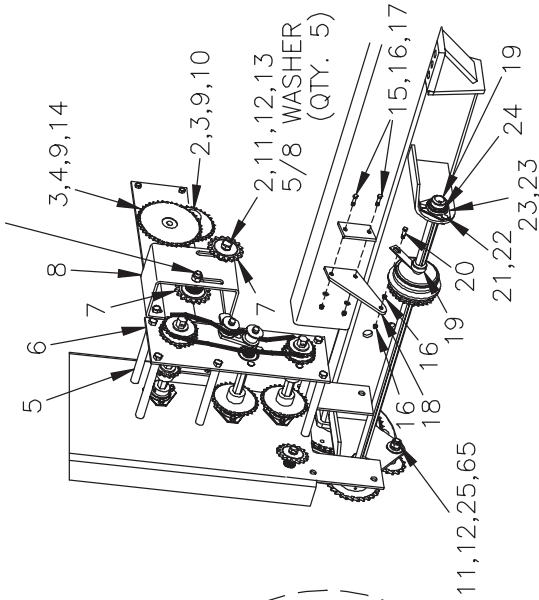


STRIP-TILL DRY FERTILIZER TANK

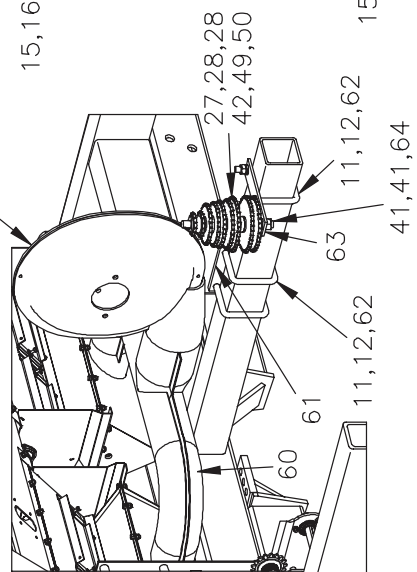
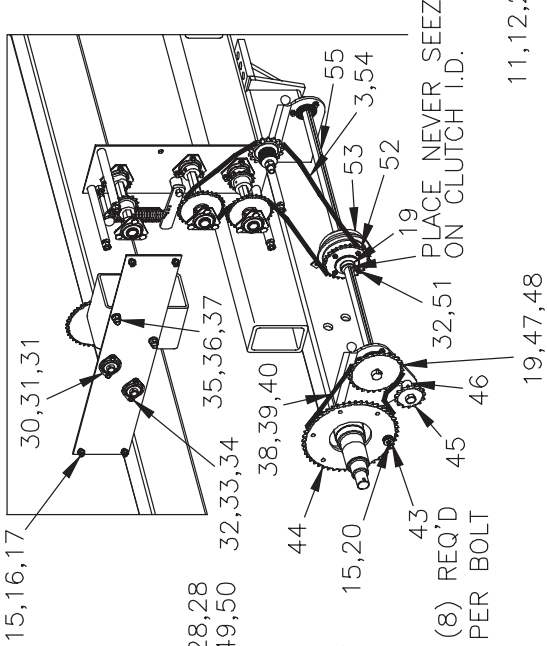
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005622	Upper Tank Weldment	1	26	80305406	Top Anchor	2
2	81005192	Lower Tank Weldment	1	27	031-06111	Hex Head Cap Screw 3/8-16 x 2 1/2 Gr. 5	12
3	81005625	Window Bracket	4	28	031-06214	Hex Head Cap Screw 1/2-13 x 3 3/4 Gr. 5	2
4	952-001-005	Lock Washer 5/8 Inch Med Split SAE	25	29	952-002-005	Flat Washer 1/2 Inch Wrt	2
5	061937	Nut-hex 5/8-11 SS	25	30	81005624	Window Glass	2
6	81005150	Strap	16	31	81005089	Mount Plate	2
7	950-001-334	Hex Head Cap Screw 1/4-20 x 3/4 SS	70	32	950-001-240	Hex Head Cap Screw 3/8-16 x 7 1/2 Gr. 5	8
8	952-001-013	Lock Washer 1/4 Inch Med Split SAE SS	82	33	81005161	Strap	2
9	951-001-032	Hex Nut 1/4-20 SS	42	34	950-001-209	Hex Head Cap Screw 3/8-16 x 5 Gr. 5	4
10	950-001-330	Hex Head Cap Screw 5/16-18 x 3/4 SS	92	35	81005527	Decal 6000 ST	2
11	061917	Lock Washer 5/16 Inch Med Split SAE SS	100	36	71505168	Decal Hiniker	2
12	061911	Hex Nut 5/16-18 SS	100	37	850-001-354	SMV Sign	1
13	950-003-079	Carriage Bolt 5/8-11 x 6 1/2 Gr. 5	16	38	950-001-003	Hex Head Cap Screw 1/4-20 x 1 Gr. 2	1
14	81005651	Roll Top Cover Instructions	1	39	81005387	Blanking Plate	4
15	952-001-007	Lock Washer 3/8 Inch Med Split SAE	52	40	10304	Lock Nut 1/2-13	3
16	951-001-005	Hex Nut 3/8-16	48	41	36017003	Clutch Control Kit (See Pages 105 & 109)	1
17	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	10	42	80302332	Decal Warning No Riders	2
18	81005098	Platform Weldment	1	43	81005643	Vertical Tube	2
19	81005626	RH Handrail	1	44	81005642	Corner Plate	4
20	81005627	LH Handrail	1	45	81005632	Upper Screen	2
21	81005090	Step Weldment	2	46	81005638	Frame Weldment	2
22	81005095	Bottom Step Weldment	1	47	81005649	Shur-Lok Cover Assembly (See Page 57)	1
23	81005093	RH Support Bracket	1	48	031-06110	Hex Head Cap Screw 3/8-16 x 2 1/2 Gr. 5	8
24	81005094	LH Support Bracket	1	49	81005882	Center Support Weldment	1
25	810-001-650	1 7/8 U-Bolt	2	50	950-002-014	Whiz Lock Bolt 3/8-16 x 1 1/4	2

1 1/2" Hose Dry Fertilizer Mechanical/Ground Drive 2006 & Later

2006
TRANSMISSION ATTACHED
TO TANK LEG



2007 & 2008 BOLT ON TRANSMISSION



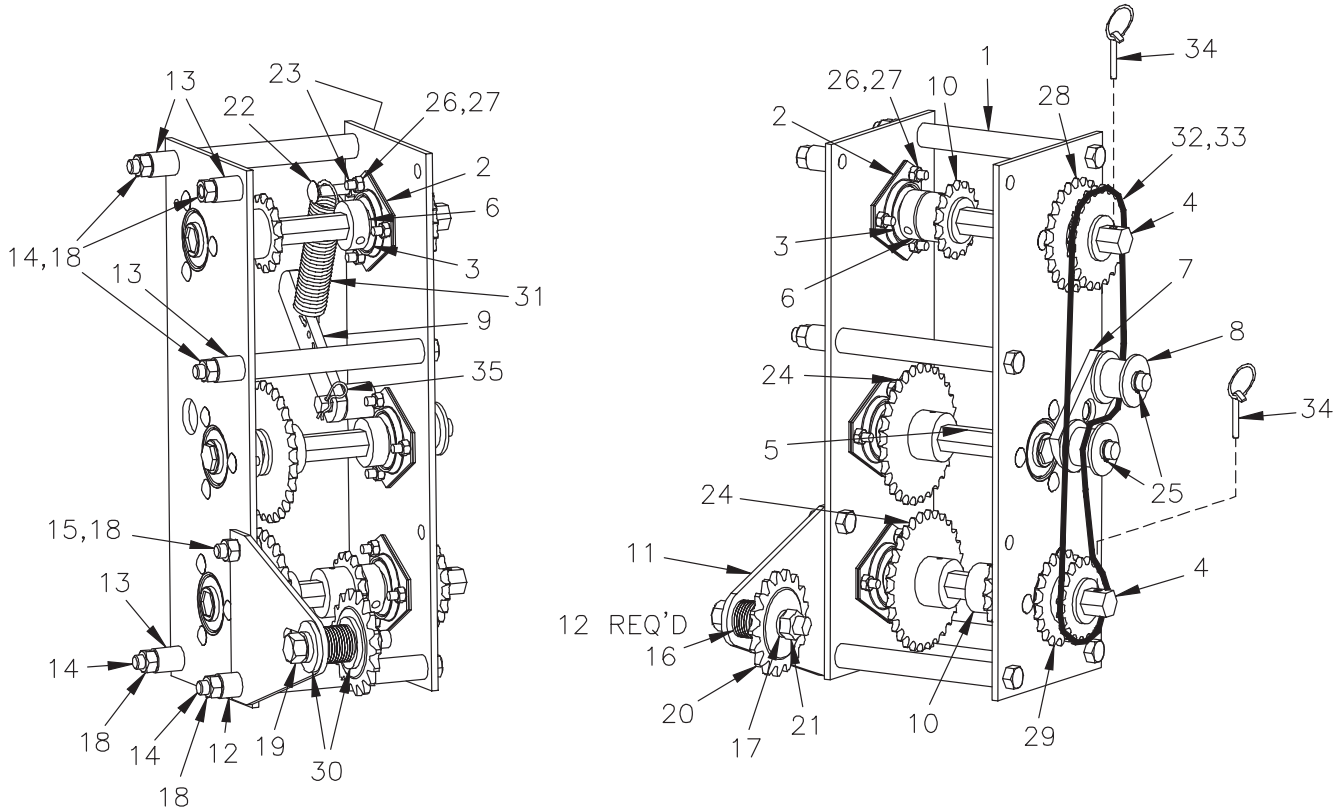
(8) REQ'D PER BOLT

STRIP-TILL DRY FERTILIZER TANK

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005982	Offset Link #40 SS	2	33	952-001-013	Lock Washer 1/4 SS	A/R
2	81006140	Roller Chain #40 123 Links SS	1	34	951-001-032	Hex Nut 1/4-20 SS	2
3	81005983	#40 Connector Link SS	3	35	951-001-007	Hex Nut 1/2-13	2
4	81006139	Roller Chain #40 119 Links SS	1	36	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	2
5	81005210	Spacer (2006 Only)	5	37	952-001-004	Lock Washer 1/2 Inch	1
6	81005213	Inside Mount Plate Weldment (2006 Only)	1	38	81006144	Roller Chain #50 69 Links SS	1
7	803-001-208	Idler Sprocket	2	39	81006137	#50 Connector Link SS	1
8	81005135	Idler Support	1	40	81006138	#50 Offset Connector SS	2
9	701-30004	Slot Spring Pin 3/16 x 2 1/4	2	41	951-001-009	Hex Nut 3/4-10	1
10	81005060	Sprocket Weldment #40 32T	1	42	81005058	Sprocket Weldment #40 30T & 32T	A/R
11	952-001-005	Lock Washer 5/8	A/R	43	952-003-006	Flat Washer 3/8 A/R SAE	1
12	061937	Hex Nut 5/8-11 SS	A/R	44	81005050	Sprocket #50 50 T	1
13	950-001-332	Hex Head Cap Screw 5/8-11 x 3 SS	2	45	81005211	Idler Sprocket 15T	1
14	81005033	Sprocket Weldment #40 42T 5/8 Bore	1	46	85501679	Middle Spacer	1
15	952-001-007	Lock Washer 3/8	A/R	47	81005212	Sprocket #50 28 T	1
16	951-001-005	Hex Nut 3/8-16	A/R	48	80302270	Key 1/4 SQ x 7/8	1
17	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	A/R	49	81005059	Sprocket Weldment #40 35 T & 36 T	1
18	81005214	Clutch Mount Bracket	1	50	81005030	Sprocket Weldment #40 35 T	4
19	805-001-496	Eccentric Collar	4	51	951-002-001	Lock Nut 1/4-20 Whiz Lock	1
20	950-001-108	Hex Head Cap Screw 3/8-16 x 1 1/2 Gr. 5	7	52	81005055	Sprocket #40 30T	1
21	030-16042	Carriage Bolt 5/16-18 x 1 Gr 5	6	53	80302146	Electric Clutch	1
22	951-002-002	Lock Nut 5/16-18 Whiz Lock	A/R	54	81006141	Roller Chain #40 133 Links SS	1
23	805-001-494	1" Bearing Flange	4	55	81005071	Shaft 1"	1
24	805-001-495	1" Bearing	2	56	81005299	Blower & Mount Assembly (See Page 55)	1
25	950-001-331	Hex Head Cap Screw 5/8-11 x 3 1/2 SS	1	57	957-026-004	Hose Assembly 1/4 x 292"	1
26	81005599	Transmission Assembly (2006, 2007, 2008 & 2009) See Page 54.	1	58	957-027-005	Hose Assembly 1/2 x 286"	1
27	81005057	Sprocket Weldment #40 26T x 28T	1	59	957-027-006	Hose Assembly 1/2 x 276"	1
28	81005063	Sprocket Weldment #40 14T x 16T	1	60	80302226	Manifold Assembly	1
29	703-00209	Pin Locking	1	61	81005116	Blower Mount Shim	3
30	60303057	Bearing 5/8	2	62	850-001-072	U-Bolt 5/8 x 4 5/8	1
31	80302057	Flangette	4	63	81005162	Sprocket Holder	1
32	950-001-334	Hex Head Cap Screw 1/4-20 x 3/4 SS	A/R	64	81005158	Bar	1
				65	952-002-007	Flat Washer 5/8 Inch	A/R

STRIP-TILL DRY FERTILIZER TANK

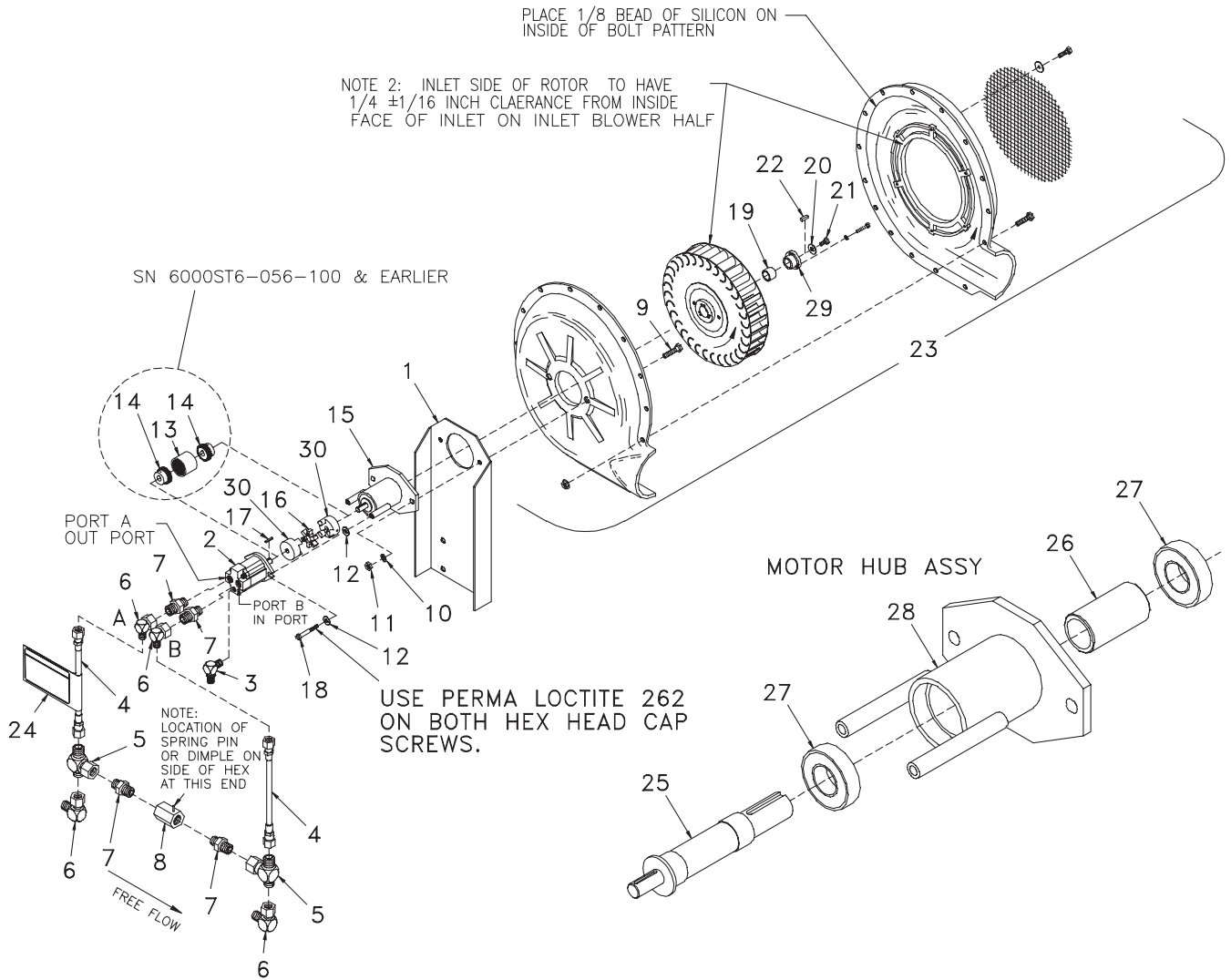
Transmission Assembly



DWG. NO. 6166

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005594	Transmission Mount Weldment	1	19	950-001-331	Hex Head Cap Screw 5/8-11 3 1/2 SS	1
2	805-001-494	1" Bearing Flange (52 MSTR)	12	20	803-001-208	Idler Sprocket	1
3	805-001-717	7/8 Hex Bearing	6	21	061937	Hex Nut 5/8-11 SS	1
4	81005596	7/8 Hex Shaft x 9 13/16	2	22	950-003-040	Carriage Bolt 3/8-16 x 2 1/2 Gr. 5	1
5	81005597	7/8 Hex Shaft x 7 13/16	1	23	951-001-005	Hex Nut 3/8-16	2
6	805-002-061	7/8 Hex Lock Collar	6	24	81005215	Sprocket Weldment #40 30T 7/8 Hex	2
7	81005080	Idler Bracket Weldment	1	25	805-001-682	Snap Ring 5/8	2
8	805-001-666	Chain Idler Spool	2	26	030-16042	Carriage Bolt 5/16-18 x 1 Gr. 5	18
9	81005081	Transmission Tension Bar	1	27	951-002-002	Lock Nut 5/16-18 Flanged Whiz Lock	18
10	81005061	Sprocket Weldment #40 16T W 7/8 Hex	2	28	81005056	Sprocket Weldment #40 22&24 T	1
11	81005592	Idler Bracket	1	29	81005032	Sprocket Weldment #40 18&20 T	1
12	81005595	Spacer 3/4 Long	1	30	952-003-003	Flat Washer 5/8 Inch SAE	2
13	81005593	Spacer 1" Long	4	31	80305650	Extension Spring, Plated	1
14	950-001-268	Hex Head Cap Screw 1/2-13 x 9 Gr. 8	5	32	81006145	Roller Chain #40 91 Links SS	1
15	950-001-111	Hex Head Cap Screw 1/2-13 x 1 1/4 Gr. 5	1	33	81005983	#40 Connector Link SS	1
16	952-002-007	Flat Washer 5/8 Wrt	12	34	703-00209	Pin Locking	2
17	952-001-005	Lock Washer 5/8 Med Split SAE	1	35	953-005-005	Hair Pin Cotter 3/32 x 1 7/8	1
18	10304	Lock Nut 1/2-13	6				

Blower And Mount Assembly



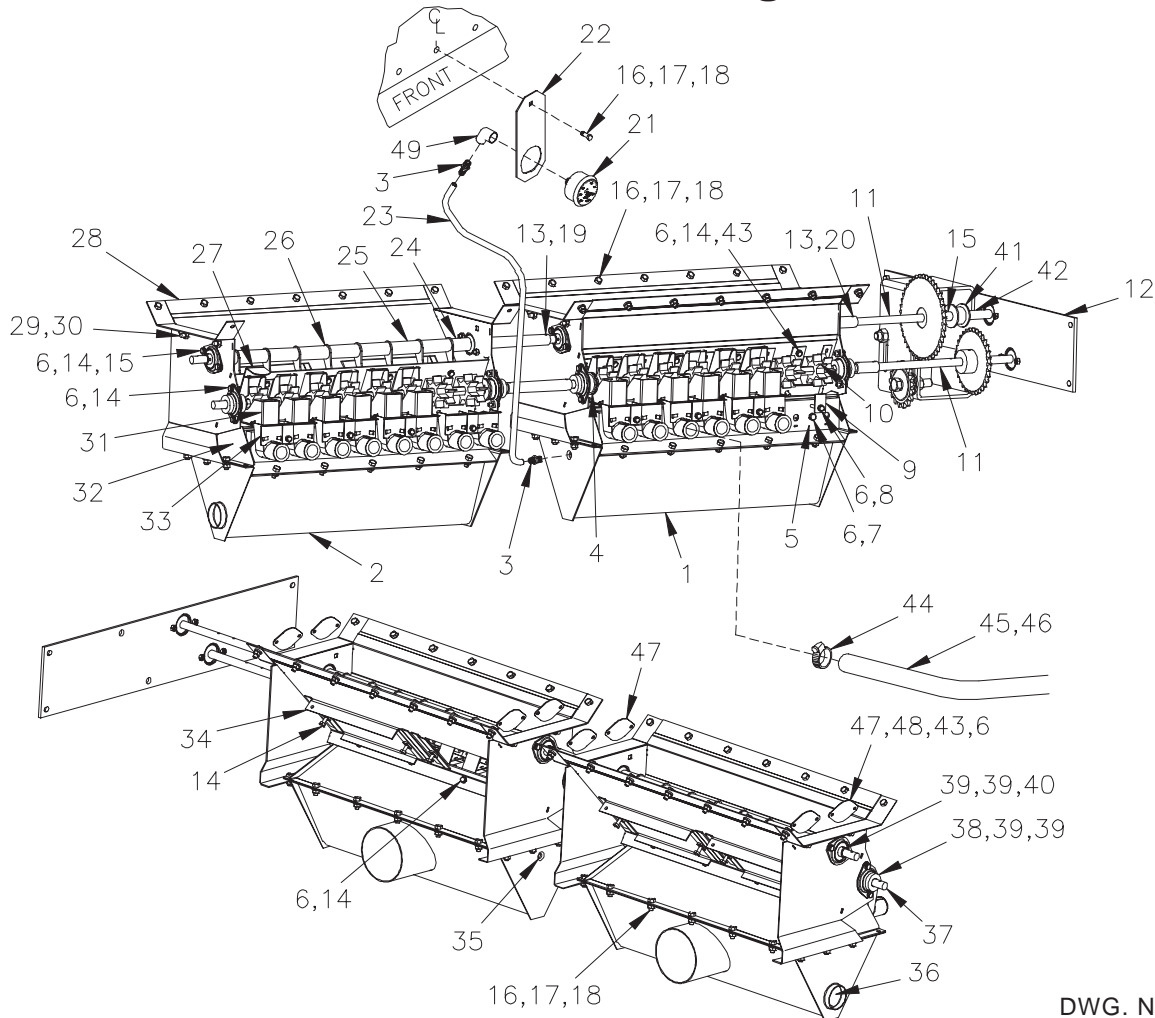
Note: * 80306419 Seal Kit For Casappa Hydraulic Motor.

DWG. NO. 6165

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005163	Blower Mount	1	16	81006070	Spider (2009)	1
2	80306367	Hydraulic Motor (See Note)*	1	17	80302269	Key 1/8 Square x 7/8"	2
3	956-005-022	90° Adapter 9/16 JIC X 9/16 ORB	1	18	950-001-106	Hex Head Cap Screw 3/8-16 x 1 1/4 Gr. 5	2
4	957-006-019	Hose Assembly 1/2 x 11" Long	2	19	80302271	Sleeve	1
5	956-007-008	Tee Adapter 3/4 JIC To 3/4 JIC On Branch	2	20	80302277	Special Washer	1
6	956-005-009	90° Adapter 3/4 JIC Male To 3/4 JIC	4	21	031-06201	Hex Head Cap Screw 1/2-13 x 3/4 Gr. 5	1
7	956-003-006	Straight Adapter 3/4 ORB To 3/4 JIC	4	22	80302270	Key, 1/4 Square x 7/8"	1
8	956-008-029	Check Valve	1	23	80302139	Hydraulic Drive Fan	1
9	950-001-112	Hex Head Cap Screw 1/2-13 x 2 Gr. 5	2	24	80306226	Important Decal	1
10	952-001-004	Lock Washer 1/2	2	25	80306323	Shaft	1
11	951-001-007	Hex Nut 1/2-13	2	26	80302273	Bearing Spacer	1
12	952-003-006	Flat Washer 3/8 Inch SAE	4	27	80302275	Bearing	2
13	80306366	Sleeve (SN 6000ST6-056-100)	1	28	80306301	Hub Weldment (SN 6000ST6-056-100)	1
14	80306365	9/16 Coupling (SN 6000ST6-056-100)	2		81006072	Hub Weldment (SN 6000ST6-057-101)	1
15	80306335	Motor Hub Assembly (SN 6000ST6-056-100)	1	29	80302144	QD Hub	1
	81006073	Motor Hub Assembly (SN 6000ST6-057-101)	1	30	81006069	Coupler Hub (SN 6000ST6-057-101)	2

STRIP-TILL DRY FERTILIZER TANK

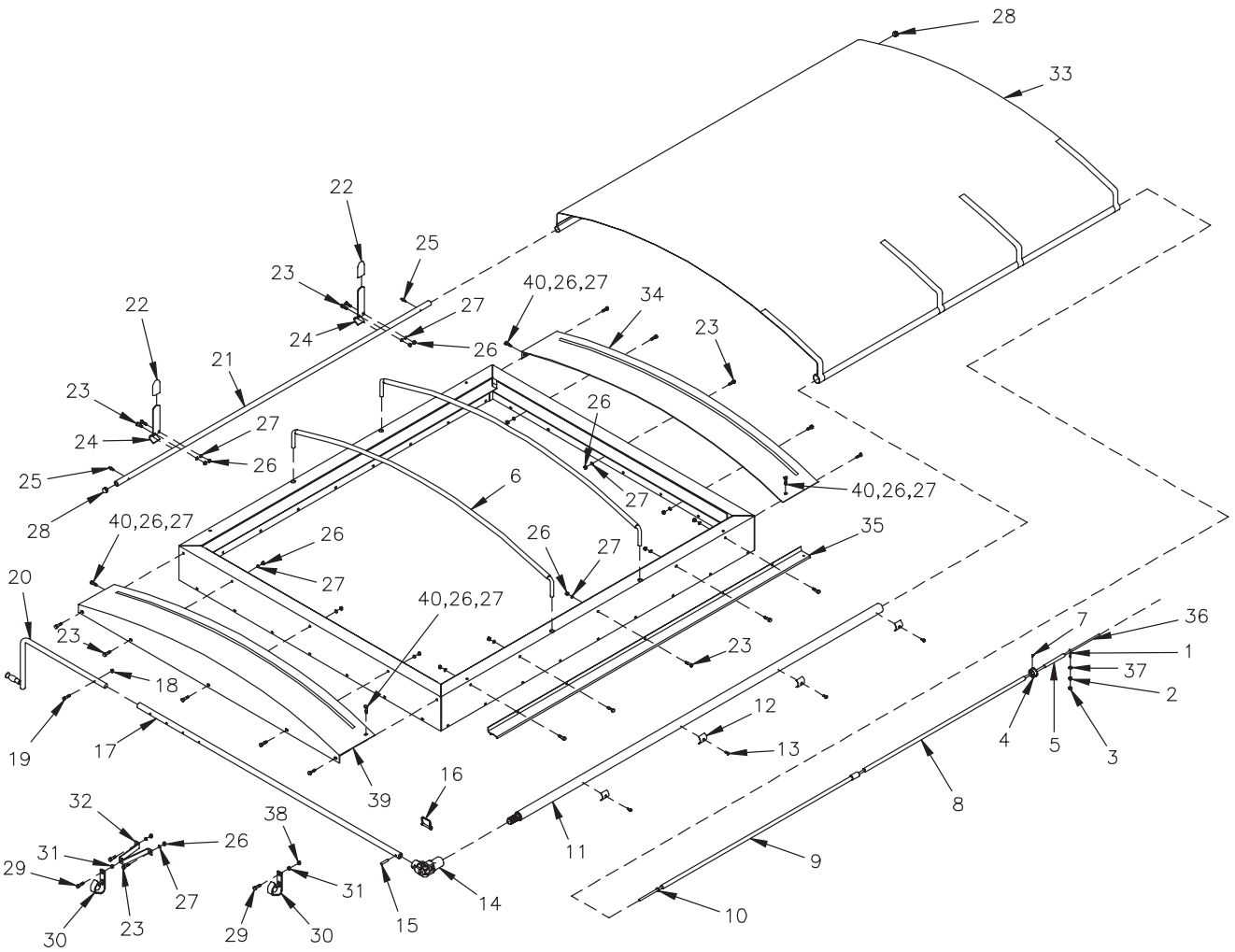
1 1/2 Hose Fertilizer Metering 2006 & Later



DWG. NO. 6153

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005181	LH Bottom Manifold Weldment	1	26	81005147	Fertilizer Agitator Plate	16
2	81005180	RH Bottom Manifold Weldment	1	27	81005069	Metering Slide	16
3	958-005-010	Adapter 1/4 NPT x 3/16 Hose Barb	2	28	81005190	Fertilizer Metering Support Weldment	2
4	952-004-049	Bushing 1 OD x 5/8 ID x 18 Ga.	4	29	030-16041	Carriage Bolt 5/16-18 3/4 Gr 5	8
5	81005189	Venturi Block	2	30	951-002-002	Lock Nut 5/16-18 Whiz Lock	14
6	952-001-013	Lock Washer 1/4 Inch SS	A/R	31	81005159	Support Assembly	8
7	950-001-329	Hex Head Cap Screw 1/4-20 x 1 1/4 SS	8	32	81005182	Top Manifold Weldment	2
8	950-001-315	Hex Head Cap Screw 1/4-20 x 2 SS	8	33	81005171	Seed Tube Support	8
9	81005070	Gusset	8	34	81005067	Clean Out Door	4
10	81005209	Metering Wheel Brown	16	35	203-51155	Pipe Plug 1/4	2
11	81005065	Shaft 5/8	2	36	80302112	1 7/8 Dia. Exp Rubber Plug	2
12	81005134	LH Side Support Plate	1	37	81005167	Hex Shaft	4
13	950-004-110	Socket Head Cap Screw #10-24 x 1 1/4	4	38	80302171	Bearing	4
14	950-001-334	Hex Head Cap Screw 1/4-20 x 3/4 SS	A/R	39	80302057	Flangette	16
15	81005494	Spacer 5/8 Long	1	40	60303057	Bearing 5/8	4
16	951-001-004	Hex Nut 5/16-18	A/R	41	805-001-666	Chain Idler Spool	1
17	952-001-002	Lock Washer 5/16	A/R	42	81005493	Spacer 3 1/16	1
18	950-001-330	Hex Head Cap Screw 5/16-18 x 3/4 SS	A/R	43	951-001-032	Hex Nut 1/4-20 SS	A/R
19	81005068	Shaft Coupler	2	44	614582	Hose Clamp 1 1/16 To 2	A/R
20	80302160	Shaft Coupler	2	45	921-001-533	Clear W/White Hose 1 1/2 (Sold By Foot)	A/R
21	80305047	Pressure Gauge	1	46	921-001-527	Corrugated Black Hose 1 1/2 (Sold By Foot)	A/R
22	81005519	Gauge Mount	1	47	80305653	Cover Plate	8
23	921-001-342	Hose 5/32 Vacuum Tubing	6 FT	48	950-001-319	Hex Head Cap Screw 1/4-20 x 1/2 SS	16
24	81005118	Spacer 1 3/4	4	49	625-001-821	PVC Fitting Sch 80 1/4 NPT 45°	1
25	81005117	Spacer 2 3/4	14				

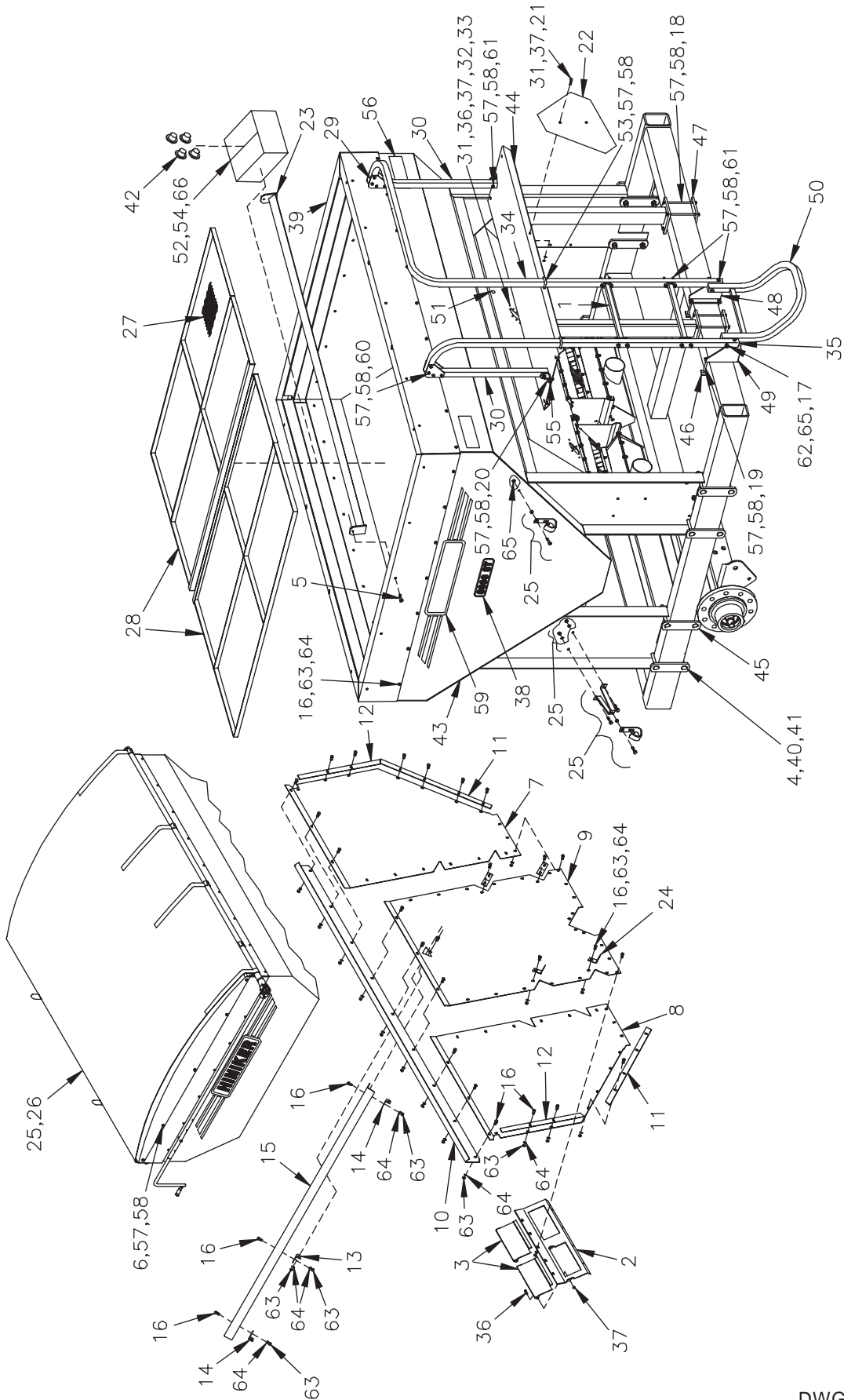
Roll Top Cover



DWG. NO. 6124

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005653	Eyebolt 5/16 x 1	1	22	81005663	Protective Cap	2
2	951-001-004	Hex Nut 5/16-18	1	23	950-002-009	Hex Head Flange Bolt 3/8-16 x 1 Whiz Lock	19
3	951-003-001	Hex Nut 5/16-18 Nylon Insert	1	24	81005664	Standard Tarp Stop	2
4	81005654	Nylon Plug	1	25	81005658	Nylon Drive Rivet 1/4 x 3/4	2
5	81005655	Protective Cord Cover	1	26	951-001-005	Hex Nut 3/8-16	23
6	81005673	Bow & Shank Weldment	2	27	952-001-007	Lock Washer 3/8 Inch Med Split SAE	23
7	950-005-027	Hex Head Self Tapping Screw #8-18 x 3/8	1	28	81005659	Plastic End Cap	2
8	81005634	Plastic Roll Return Tube Set	1	29	950-002-013	Hex Head Flange Bolt 1/2-13 x 1 1/2 Whiz Lock	2
9	81005634	Plastic Roll Return Tube Set	1	30	81005662	Pinless Crank Retainer	2
10	952-003-011	Flat Washer 1/2 Inch SAE	1	31	81005660	Retainer Bushing 11/16	2
11	81005633	Roll Tube W/Spline	1	32	81005661	Crank Ret 7" Standoff	1
12	81005657	Plastic U-Clamp	4	33	81005631	18 Oz Vinyl Coated Tarp	1
13	81005656	Self-Driving Screw 1/4 x 3/4	4	34	81005763	RH Aluminum End Cap	1
14	81005665	Splined U-Joint	1	35	81005637	Aluminum Latch Plate	1
15	30009024	Slotted Spring Pin 3/8 x 2	1	36	81005652	Stretch Cord	1
16	81005172	Safety Snap Pin 3/8 x 2 1/4	1	37	952-002-005	Flat Washer 1/2 Inch Wrt	1
17	81005628	Crank Extension 80"	1	38	10304	Lock Nut 1/2-13 2-Way	1
18	951-005-064	Lock Nut 5/16-18 2-Way	1	39	81005762	LH Aluminum End Cap	1
19	950-001-200	Hex Head Cap Screw 5/16-18 x 1 1/4 Gr. 5	1		81005649	Shur-Lok Cover Assembly	
20	81005630	Crank Arm 24"	1	40	700-11704	Machine Screw 3/8-16 x 1 Slotted Truss Head	4
21	81005629	1 1/8 OD Steel Tubing	1				

Granular Fertilizer Split Tank 2009 & Later



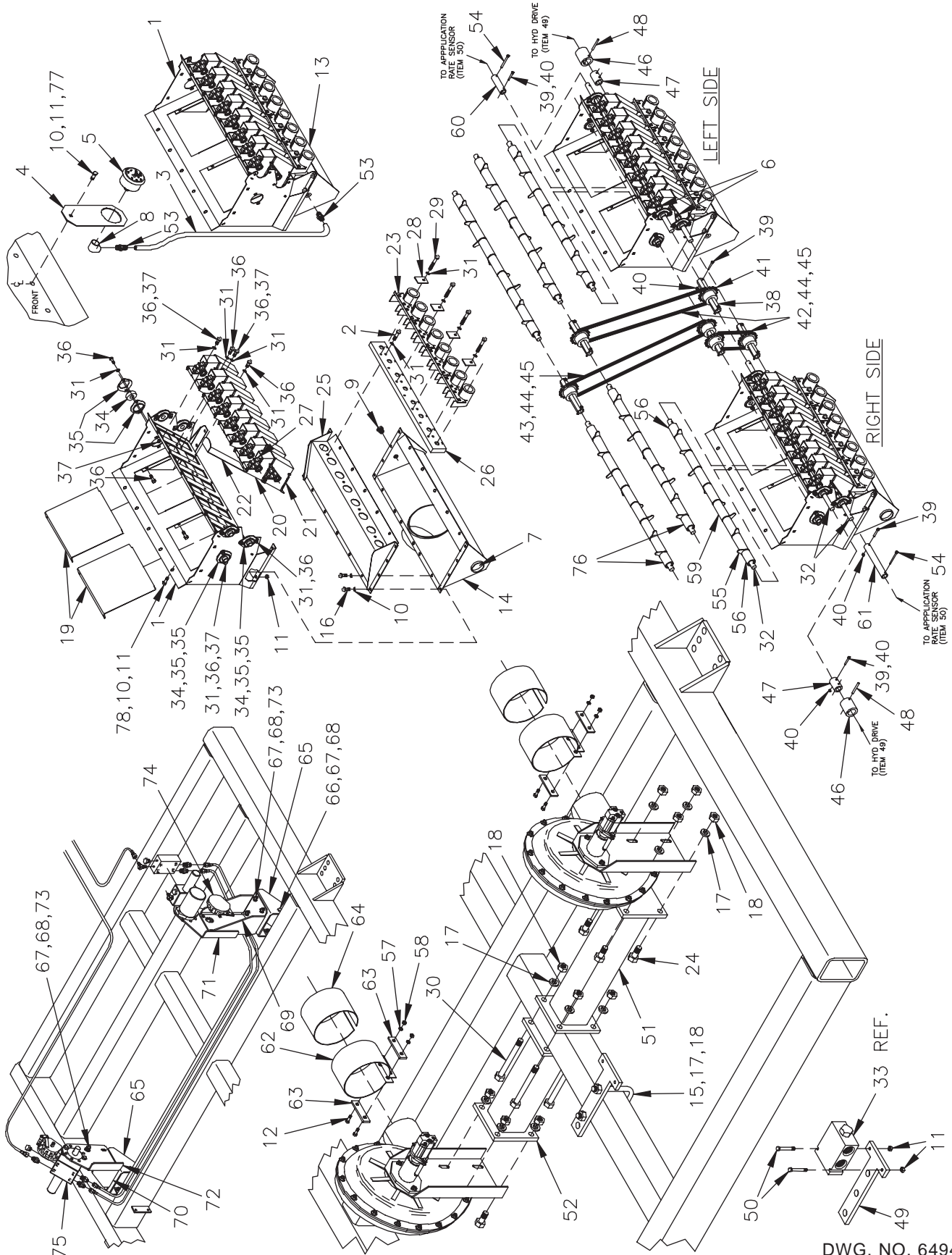
DWG. NO. 6492

STRIP-TILL DRY FERTILIZER TANK

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005090	Step Weldment	2	34	81005626	RH Handrail	1
2	81005992	Bottom Divider Plate Weldment	2	35	81005627	LH Handrail	1
3	81005988	Inside Clean Out Door	4	36	950-001-334	Hex Head Cap Screw 1/4-20 x 3/4 SS	72
4	950-003-079	Carriage Bolt 5/8-11 x 6 1/2 Gr. 5	16	37	951-001-032	Hex Nut 1/4-20 SS	64
5	950-002-014	Hex Head Flanged Whiz Lock Bolt 3/8-16 x 1 1/4	2	38	81005527	Decal 6000 ST	2
6	950-002-009	Hex Head Flanged Whiz Lock Bolt 3/8-16 x 1	2	39	81005622	Upper Tank Weldment	1
7	81005979	LH Divider Panel	1	40	952-001-005	Lock Washer 5/8 Inch Med Split SAE	30
8	81005978	RH Divider Panel	1	41	951-001-008	Hex Nut 5/8-11	30
9	81005977	Center Divider Panel	1	42	81006105	Tapped Plug	4
10	81005980	Top Divider Panel	1	43	81005192	Bottom Hopper Weldment	1
11	81005968	Bottom Seal Strap	2	44	81005098	Platform Weldment	1
12	81005969	Top Side Seal Strap	2	45	81005150	Strap	16
13	81005975	Attaching Angle	1	46	81005161	Strap	2
14	81005958	Mount Bracket Tank Brace	2	47	81005089	Mount Plate	2
15	81005976	Tank Brace	1	48	81005093	RH Support Bracket	1
16	950-001-330	Hex Head Cap Screw 5/16-18 x 3/4 SS	65	49	81005094	LH Support Bracket	1
17	952-002-005	Flat Washer 1/2 Inch Wrt	2	50	81005095	Bottom Step Weldment	1
18	950-001-240	Hex Head Cap Screw 3/8-16 x 7 1/2 Gr. 5	8	51	36017005	Bin Level Kit Strip Till	2
19	950-001-209	Hex Head Cap Screw 3/8-16 x 5 Gr. 5	4	52	38380006	Switch Limit Coil Spring Spdt	1
20	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	10	53	810-001-650	1 7/8 Inch U-Bolt	2
21	950-001-003	Hex Head Cap Screw 1/4-20 x 1 Gr. 2	1	54	900-001-064	Box 10 x 4 5/8 x 9 3/4	1
22	850-001-354	SMV Sign	1	55	80305406	Top Anchor	2
23	81005882	Center Support Weldment	1	56	80302332	Warning Decal, No Riders	2
24	81005974	Attaching Angle	4	57	952-001-007	Lock Washer 3/8 Inch Med Split SAE	54
25	81005649	Shur-Lok Cover Assembly	1	58	951-001-005	Hex Nut 3/8-16	54
26	81005651	Roll Top Cover Instructions	1	59	71505168	Decal Hiniker	2
27	81005632	Upper Screen	2	60	031-06110	Hex Head Cap Screw 3/8-16 x 2 1/4 Gr. 5	8
28	81005638	Frame Weldment	2	61	031-06111	Hex Head Cap Screw 3/8-16 x 2 1/2 Gr. 5	16
29	81005642	Corner Plate	4	62	031-06214	Hex Head Cap Screw 1/2-13 x 3 3/4 Gr. 5	2
30	81005643	Vertical Tube	2	63	061911	Hex Nut 5/16-18 SS	165
31	952-001-013	Lock Washer 1/4 Inch Med Split SS	89	64	061917	Lock Washer 5/16 Med SS	165
32	81005624	Window Glass	2	65	10304	Lock Nut 1/2-13	3
33	81005625	Window Bracket	4	66	81006053	Run Hold Mount Bracket Kit	1

STRIP-TILL DRY FERTILIZER TANK

2" Hose Granular Fertilizer Split Tank Metering 2009 & Later

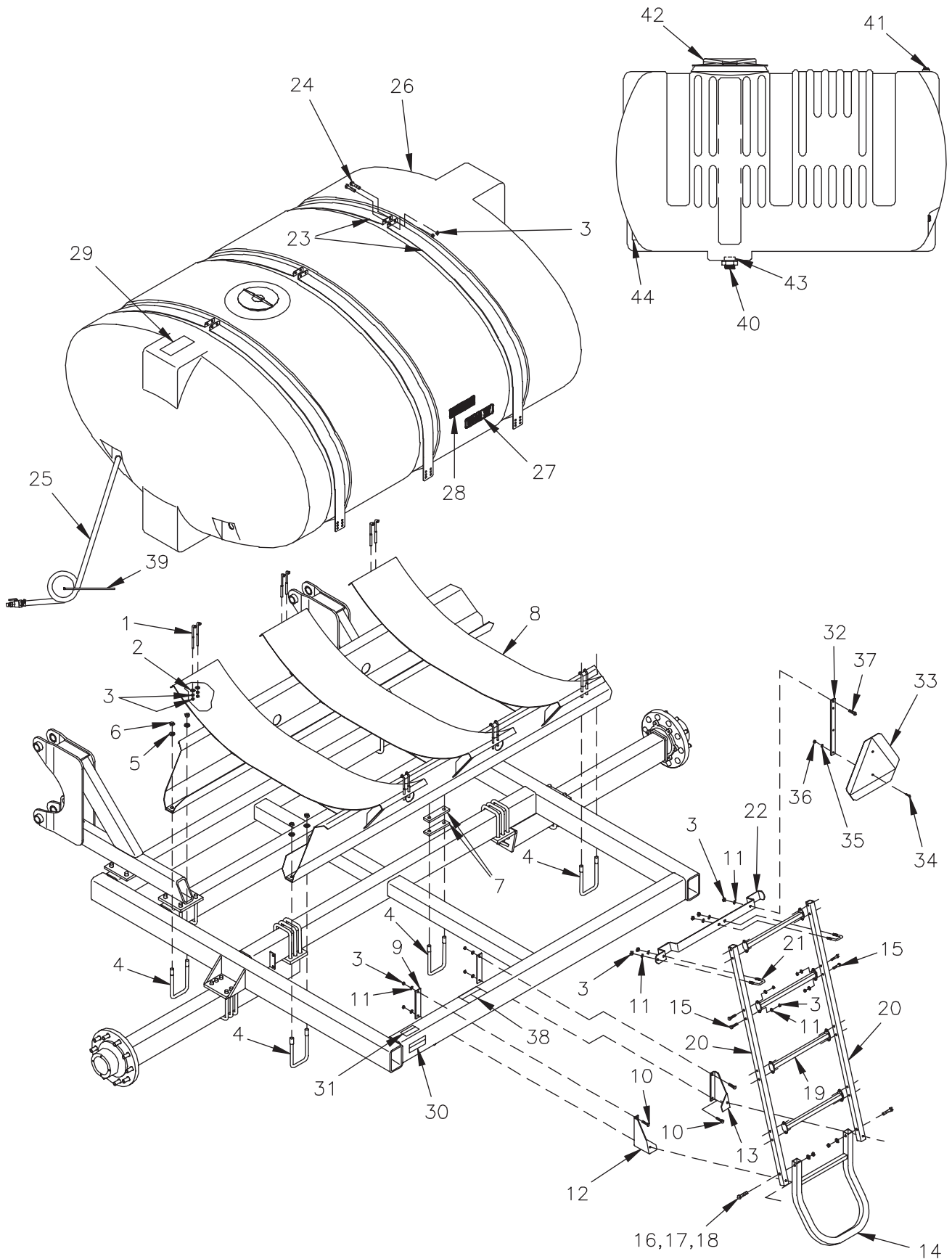


DWG. NO. 6494

STRIP-TILL DRY FERTILIZER TANK

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81006005	Twin Metering Housing Weldment	2	40	392-010-010	Lock Nut 10-24 Nylon Insert	14
2	950-001-329	Hex Head Cap Screw 1/4-20 x 1 1/4 SS	16	41	81005061	Sprocket Weldment #40 16T W 7/8 Hex	6
3	921-001-342	Hose 5/32 Vacuum Tubing	6 FT	42	81005954	Roller Chain #40 31 Links SS	2
4	81005519	Gauge Mount	1	43	81005955	Roller Chain #40 37 Links SS	1
5	80305047	Pressure Gauge	1	44	81005982	Offset Link #40 SS	3
6	952-004-049	Bushing Machine 1 x 5/8 x 18 Ga.	8	45	81005983	#40 Connecting Link SS	3
7	80302112	1 7/8 Diameter Exp. Rubber Plug	2	46	81005960	Motor Shaft Coupler	2
8	625-001-821	PVC Sch 80 Elbow 45° 1/4 Thread	1	47	81005961	Shaft Coupler	2
9	203-51155	Pipe Plug 1/4	1	48	701-30020	Slotted Spring Pin 3/16 x 1 3/4	2
10	061917	Lock Washer 5/16 Inch Med SS	65	49	81005765	Sprocket Holder	1
11	061911	Hex Nut 5/16-18 SS	65	50	031-06062	Hex Head Cap Screw 5/16-18 x 2 3/4 Gr. 5	3
12	031-06111	Hex Head Cap Screw 3/8-16 x 2 1/2 Gr. 5	16	51	81005973	RH Blower Support Weldment	1
13	81005990	LH Bottom Manifold	1	52	81005972	LH Blower Support Weldment	1
14	81005989	RH Bottom Manifold	1	53	958-004-010	Adapter 1/4 NPT 3/16 Hose Barb	2
15	850-001-072	U-Bolt 5/8-11 Square 4 5/8 Center	1	54	060926	Machine Screw #10-24 x 1/2 Slotted Hex Head	2
16	950-001-330	Hex Head Cap Screw 5/16-18 x 3/4 SS	43	55	81005957	Fertilizer Agitator Plate Short	48
17	952-001-005	Lock Washer 5/8 Med Split SAE	30	56	81005118	Spacer 1 3/4	4
18	951-001-008	Hex Nut 5/8-11	30	57	952-001-007	Lock Washer 3/8 Med Split SAE	54
19	81005967	Clean Out Door	4	58	951-001-005	Hex Nut 3/8-16	54
20	81005159	Support Assembly	8	59	81005117	Spacer 2 3/4	42
21	81005995	Lower Support Assembly	8	60	81005999	Sensor Shaft Short Coupling	1
22	81005962	Metering Slide	16	61	81006000	Sensor Shaft Long Coupling	1
23	81006032	Fertilizer Tube Support 2" Hose Assembly	8	62	81005721	6" Diameter Band	2
24	950-001-087	Hex Head Cap Screw 5/8-11 x 1 1/2 Gr. 5	8	63	81005717	Mount Plate	4
25	81005182	Top Manifold Weldment	2	64	81005813	Uline Foam Pad	2
26	81005984	Venturi Block 8 Port 2" Hose	2	65	81005994	Mount Plate	2
27	81005209	Metering Wheel	32	66	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	4
28	81005070	Gusset	8	67	952-001-004	Lock Washer 1/2 Med Split SAE	20
29	950-001-315	Hex Head Cap Screw 1/4-20 x 2 SS	8	68	951-001-007	Hex Nut 1/2-13	20
30	950-001-161	Hex Head Cap Screw 5/8-11 x 6 Gr. 5	4	69	81006002	RH Mount Bracket	1
31	952-001-013	Lock Washer 1/4 Med Split SS	89	70	81006001	LH Mount Bracket	1
32	81005167	Hex Shaft	10	71	81005997	RH Motor Mount	1
33	81005760	Flow Divider Valve	1	72	81005998	LH Motor Mount	1
34	60303057	Bearing 5/8	12	73	950-003-019	Carriage Bolt 1/2-13 X 1 1/2 Gr. 5	16
35	80302057	Painted Flangette	40	74	81006003	Application Rate Sensor	2
36	950-001-334	Hex Head Cap Screw 1/4-20 x 3/4 SS	72	75	81006004	HD4180 Hydraulic Drive W/Valve	2
37	951-001-032	Hex Nut 1/4-20 SS	64	76	81006102	Spacer 1 5/8	8
38	81005959	Hex Shaft Coupler	5	77	950-001-287	Hex Head Cap Screw 5/16-18 x 1 SS	2
39	950-004-110	Socket Head Cap Screw #10-24 x 1 1/4	14	78	950-001-341	Hex Head Cap Screw 5/16-18 x 1/2 SS	20

Liquid Fertilizer Tank 2006 & Later

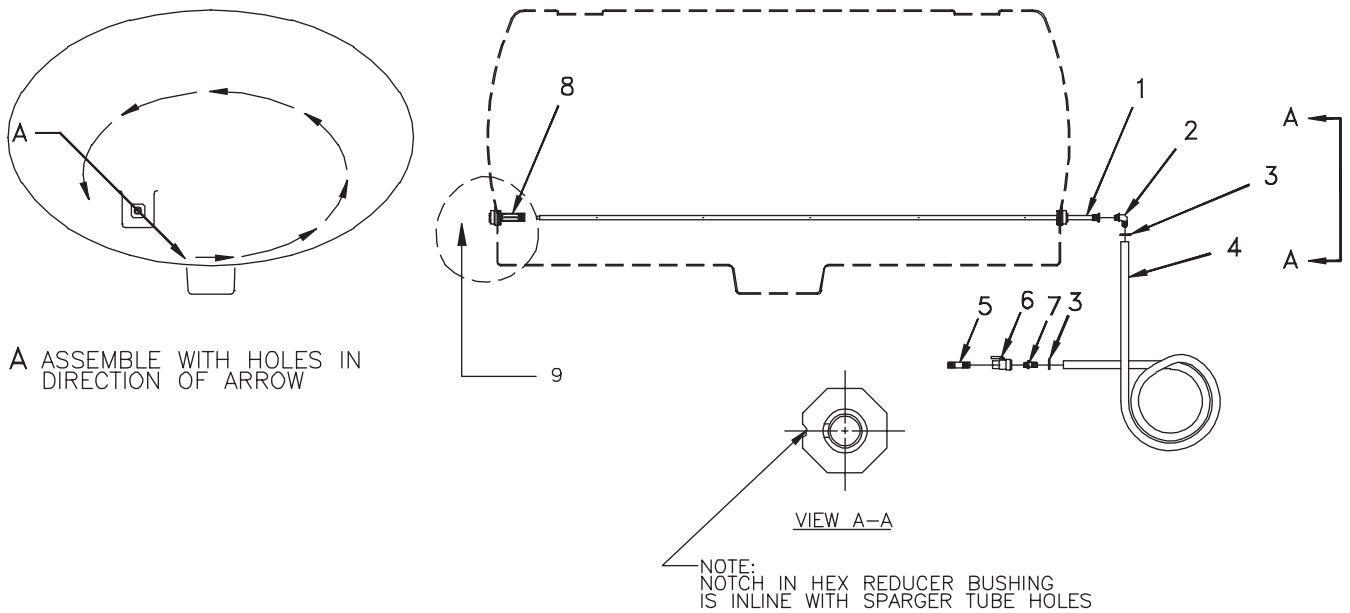


DWG. NO. 6163

STRIP-TILL LIQUID FERTILIZER TANK

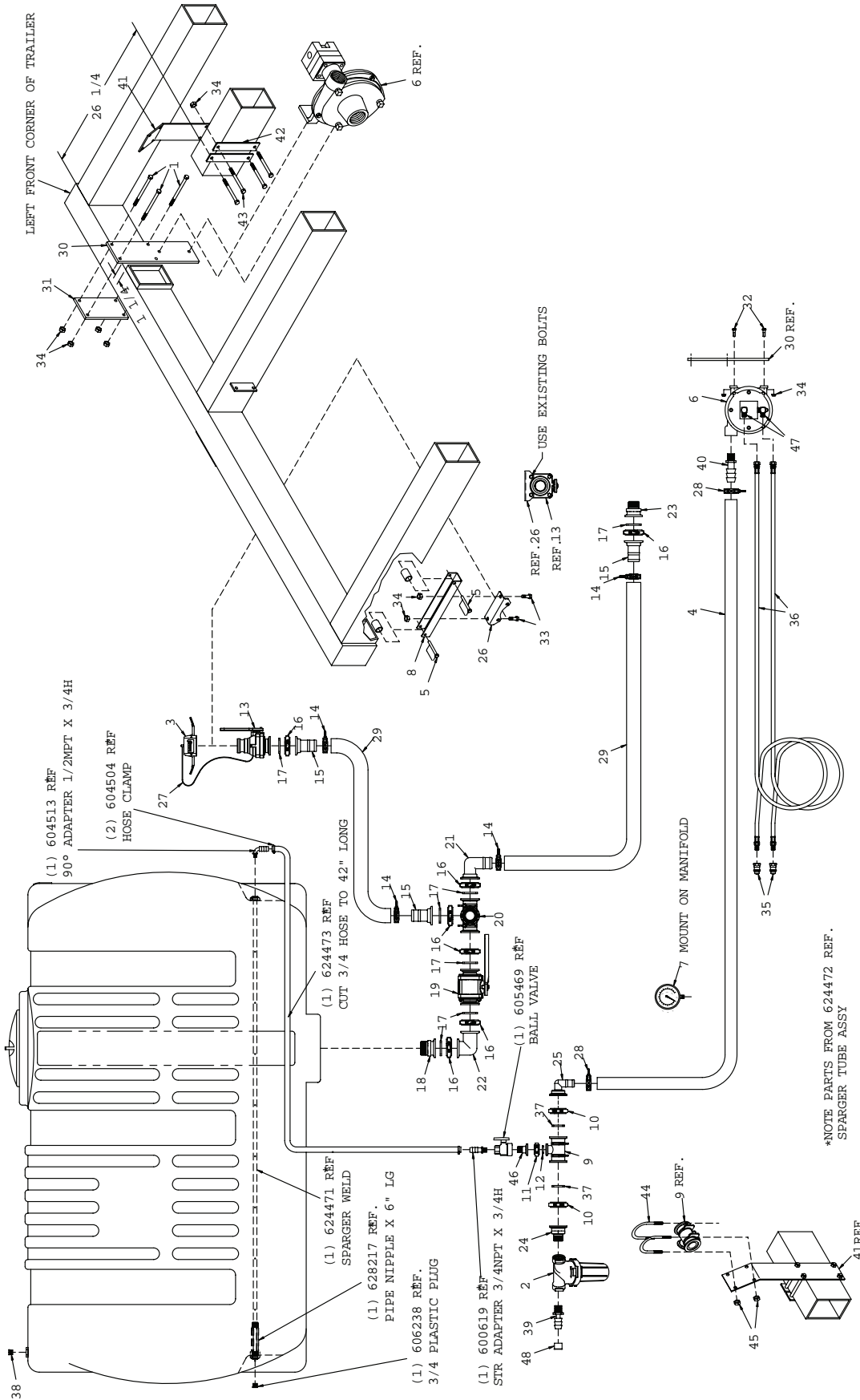
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005456	Hold Down Bolt	12	23	81005453	Tank Band	6
2	952-002-003	Flat Washer 3/8 Wrt	12	24	950-001-106	Hex Head Cap Screw 3/8-16 x 1 1/4 Gr. 5	6
3	951-001-005	Hex Nut 3/8-16	63	25	624472	Sparger Tube Assembly SS (See Detail Below)	1
4	860-001-008	U-Bolt 4 5/8	6	26	81005448	Tank Assy 1000 Gallon Oval	1
5	952-001-005	Lock Washer 5/8 Inch Med Split SAE	12	27	81005527	Decal 6000 St	2
6	951-001-008	Hex Nut 5/8-11	12	28	85501786	Decal Hiniker	2
7	81005451	Mount Plate	4	29	627641	Decal Danger	1
8	81005461	Skid Weldment	1	30	627002	Decal Caution	1
9	81005161	Mount Strap	2	31	620786	Decal Caution	1
10	950-001-209	Hex Head Cap Screw 3/8-16 x 5 Gr. 5	4	32	623413	SMV Bracket	1
11	952-001-007	Lock Washer 3/8 Inch Med Split SAE	27	33	850-001-354	SMV Sign	1
12	81005458	LH Support Bracket	1	34	950-001-003	Hex Head Cap Screw 1/4-20 x 1 Gr. 5	2
13	81005457	RH Support Plate	1	35	952-001-001	Lock Washer 1/4 Inch Med Split SAE	2
14	81005095	Bottom Step Weldment	1	36	951-001-003	Hex Nut 1/4-20	2
15	031-06111	Hex Head Cap Screw 3/8-16 x 2 1/2 Gr. 5	18	37	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	1
16	031-06214	Hex Head Cap Screw 1/2-13 x 3 3/4 Gr. 5	2	38	80302332	Decal Warning	1
17	952-002-005	Flat Washer 1/2 Inch Wrt	2	39	921-001-144	14" Plastic Cable Tie	2
18	10304	Lock Nut 1/2-13	2	40	061954	Plug 2 Inch NPT Nylon	1
19	81005090	Step Weldment	4	41	606238	Plug 3/4 NPT Hex Plastic	1
20	81005459	Vertical Tube	2	42	627151	16 Inch Manway Cover Assembly	1
21	810-001-650	U-Bolt 3/8-16 x 1 7/8	2	43	623758	Anti-Vortex Fitting 2 Inch	1
22	81005454	Top Anchor	1	44	615662	Tank Fitting 3/4 Double Thread	3

Sparger Tube Assembly - 1000 Gallon Tank



REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	624471	Sparger Weldment	1	6	605469	Ball Valve 3/4 NPT	1
2	604513	90° Adapter 1/2 NPT To 3/4 Hose	1	7	600619	Adapter 3/4 NPT x 3/4 Hose	1
3	604504	Hose Clamp	2	8	628217	Pipe Nipple x 6"	1
4	624473	Epdm Hose 3/4 x 6' Spiral	1	9	624562	Plug 3/4 NPT Hex Plastic	1
5	610915	Close Nipple 3/4 NPT	1				

81005348 Pump And Plumbing Kit



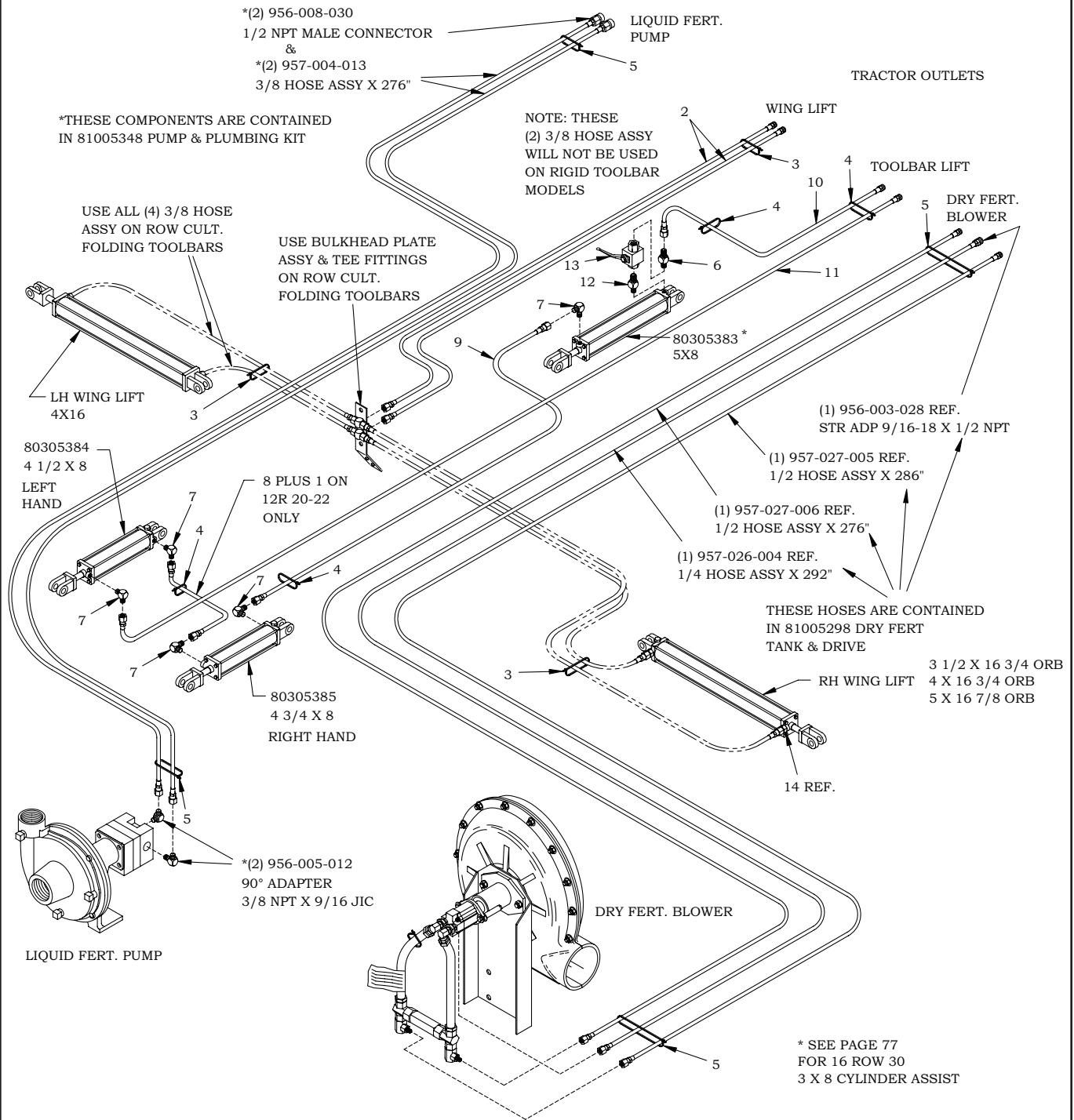
DWG. NO. 81005348

				STRIP-TILL LIQUID FERTILIZER TANK			
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	031-06120	Hex Head Cap Screw 3/8-16 x 5 1/2 Gr. 5	4	26	627990	Bracket Stub Valve	1
2	615737	Strainer 126ML1-1/4-NYB	1	27	628064	Lanyard 11" Banjo #V20207	1
3	615873	Cap QCX2 Banjo #S200CAP	1	28	628133	T-Bolt Clamp Banjo STC-162	2
4	81005586	Hose-1 1/4 x 25" 2 Ply	1	29	81005480	Quick Fill Hose 2 x 46"	2
5	623011	Pin-Lynch 5/16 x 2 3/4	2	30	81005482	Pump Mount Plate	1
6	624025	Hydraulic Cent Pump (See Page 102)	1	31	81005483	Pump Mount Backup	1
7	627074	Pressure Gauge 4" 200 Psi	1	32	950-001-108	Hex Head Cap Screw 3/8-16 x 1 1/2 Gr. 5	2
8	627509	Support	1	33	950-002-009	Hex Head Flanged Bolt 3/8-16 x 1 Whiz Lock	2
9	627765	Tee 2" Std Port 1" #M200100TEE	1	34	951-002-003	Hex Nut 3/8-16 Flanged Whiz Lock	12
10	627767	Flanged Clamp #FC200	2	35	956-008-030	Connector ISO Male Hyd 1/2 NPT	2
11	627769	Flange Clamp #FC100	1	36	957-004-013	Hose Assembly 3/8 x 276"	2
12	627770	Flange Gasket #100G	1	37	627768	Flange Gasket #150G	2
13	627774	QD 2" Valve #MVSF220FP	1	38	606238	Plug 3/4 Npt Hex Plastic	1
14	627775	Clamp #TC231	4	39	612447	Adapter 1 1/4 NPT x 1 H St.	1
15	627776	Hose Barb #M220BRB	3	40	604501	Adapter 1 .25 NPT x 1 .25 H	1
16	627777	Flange Clamp #FC220	7	41	81005585	Plumbing Mount Bracket	1
17	627778	Gasket EPDM #200G	7	42	81005161	Strap	2
18	627779	Flange x MNPT 2" #M220 MPT	1	43	950-001-209	Hex Head Cap Screw 3/8-16 x 5 Gr. 5	4
19	627780	Ball Valve 2" #MV220CP	1	44	617958	U-Bolt 5/16 x 3	2
20	627781	Tee 2" #M220TEE	1	45	951-002-002	Hex Nut 5/16-18 Flanged Whiz Lock	4
21	627783	Hose Barb 2" #M220BRB90	1	46	628116	Flange Adapter #M100075MPT	1
22	627903	Elbow #M220CPG90	1	47	956-005-012	90° Elbow 3/8 MNPT x 9/16 MJIC	2
23	627904	2" Flange x 1 1/2 MNPT CONN	1	48	36717006	Dust Cap 10 Pin SS CONN	1
24	627905	2" Flange x 1 1/4 MNPT CON	1	49	900-001-061	Box 14 x 16 x 36	1
25	628121	Flanged Hose Barb 1 1/4 #M200125BRB90	1				

				STRIP-TILL HYDRAULICS			
Prince Hyd. 3 Inch Diameter x 8 Inch Stroke Cylinder 3/4 O-Ring Ports							
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	628169	Tube	1	13	*	O-Ring	2
3	628170	Tie Rod Assembly	4	14	*	O-Ring	1
4	628171	Butt	1	15	*	BU-Washer	2
5	628172	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 (Not Shown)	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	

STRIP-TILL HYDRAULICS

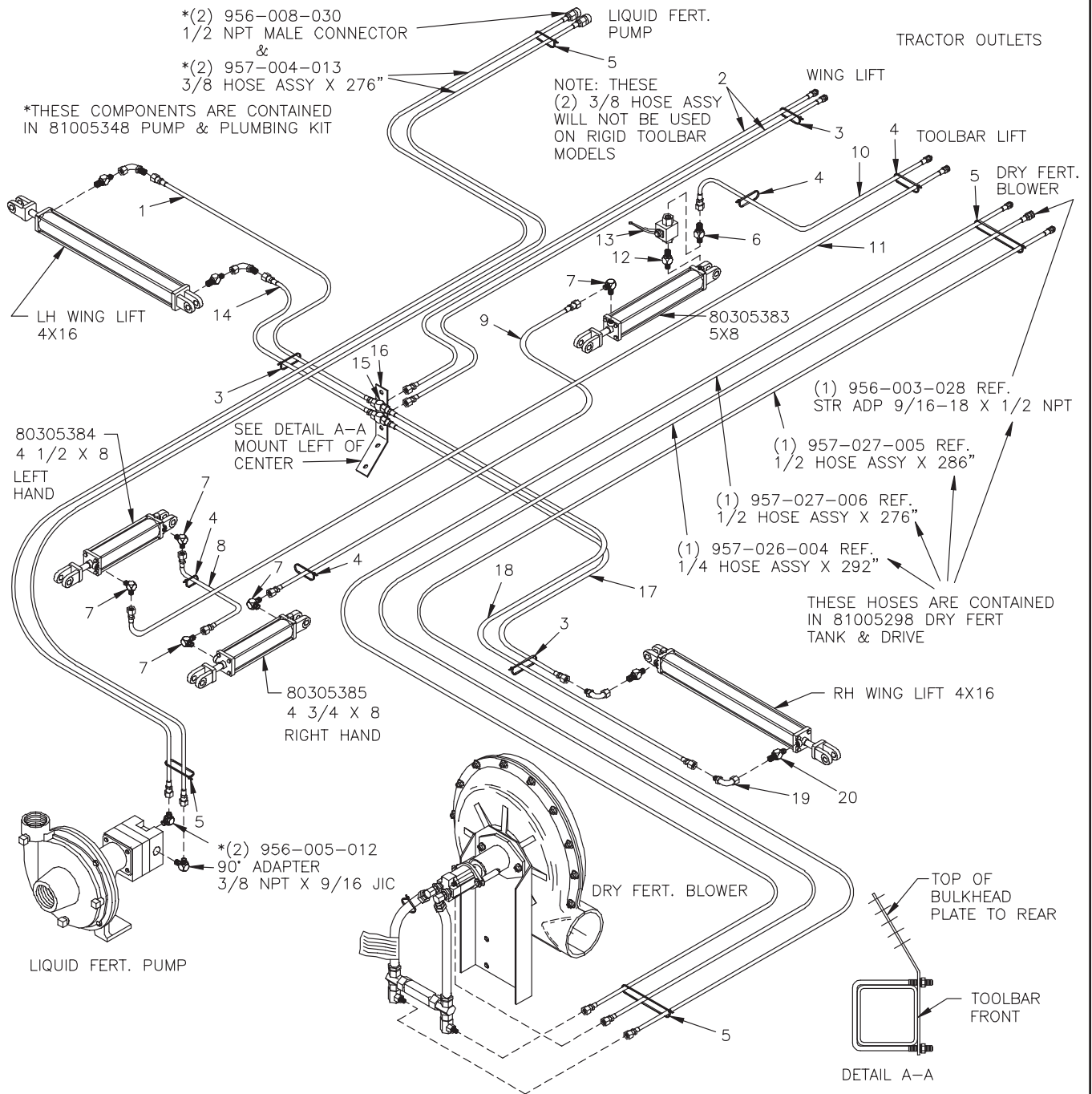
81005486 Hydraulic Plumbing Assembly



DWG. NO. 5923B

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	957-008-004	Hose Assembly 3/8 x 30"	1	9	957-001-057	Hose Assembly 3/8 x 86"	1
2	957-028-009	Hose Assembly 3/8 x 132"	2	10	957-028-007	Hose Assembly 3/8 x 94"	1
3	921-001-487	Red Cable Tie	3	11	957-028-008	Hose Assembly 3/8 x 206"	1
4	921-001-488	Yellow Cable Tie	4	12	956-003-029	Straight Adapter 3/4 ORB To 3/4 ORB	1
5	921-001-489	Blue Cable Tie	2	13	85501666	Ball Valve	1
6	956-003-001	Straight Adapter 9/16 To 3/4 ORB	1	14	956-008-024	Restrictor Fitting (1/16 Orifice) 3/4 ORB	4
7	956-005-001	Fitting, Elbow 90°	5		956-008-025	Restrictor Fitting (1/16 Orifice) 7/8 ORB	4
8	957-001-054	Hose Assembly 3/8 x 120"	1				

12 Row 30 Strip-Till Toolbar/Fertilizer Cart Hydraulic Plumbing

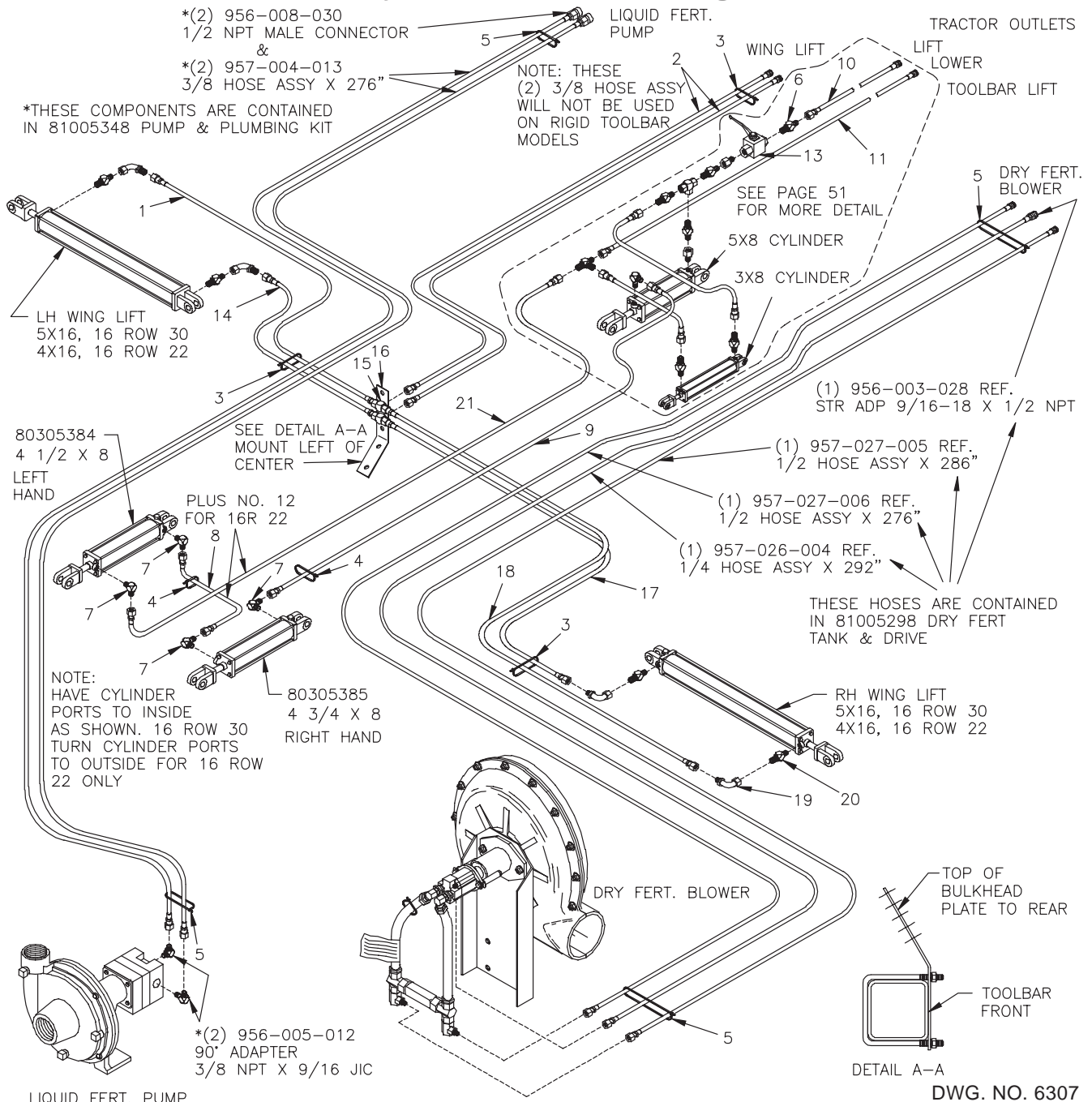


DWG. NO. 6309

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	957-001-061	Hose Assembly 3/8 x 56"	1	11	957-028-008	Hose Assembly 3/8 x 206"	1
2	957-028-009	Hose Assembly 3/8 x 132"	2	12	956-003-029	Straight Adapter 3/4 ORB To 3/4 ORB	1
3	921-001-487	Red Cable Tie	3	13	85501666	Ball Valve	1
4	921-001-488	Yellow Cable Tie	4	14	957-001-060	Hose Assembly 3/8 x 44"	1
5	921-001-489	Blue Cable Tie	2	15	956-007-003	Tee Fitting	2
6	956-003-001	Straight Adapter 9/16 To 3/4 ORB	1	16	805-001-784	30° Bulkhead Plate	1
7	956-005-001	Elbow 90° Fitting	5	17	957-001-014	Hose Assembly 3/8 x 60"	1
8	957-001-054	Hose Assembly 3/8 x 120"	1	18	957-001-017	Hose Assembly 3/8 x 72"	1
9	957-001-057	Hose Assembly 3/8 x 86"	1	19	956-005-002	Elbow 90° Fitting	4
10	957-028-007	Hose Assembly 3/8 x 94"	1	20	956-008-024	Straight Restrictor Fitting	4

STRIP-TILL HYDRAULICS

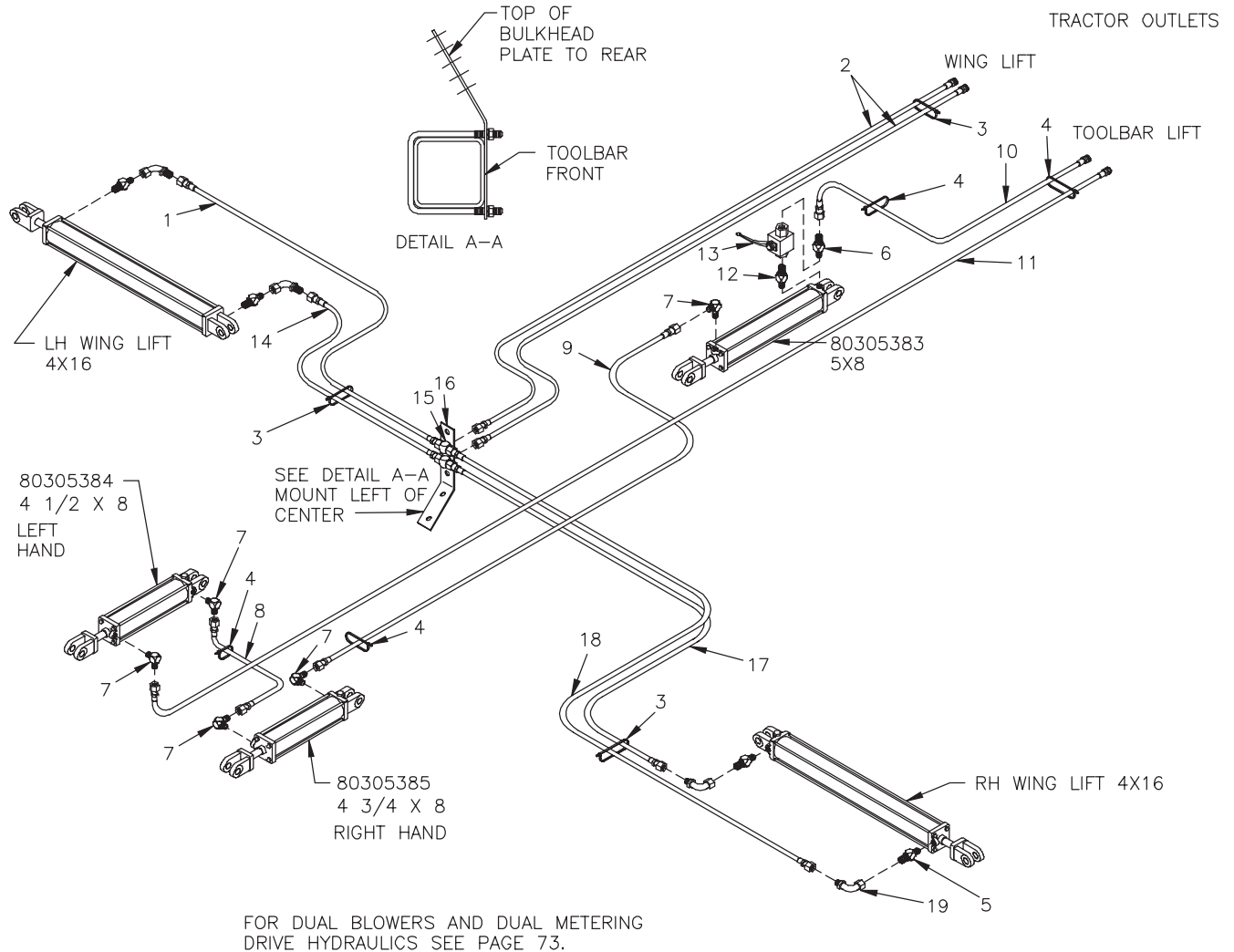
16 Row 22, 16 Row 30 Strip-Till Toolbar/Fertilizer Cart Hydraulic Plumbing



DWG. NO. 6307

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	957-001-058	Hose Assembly 3/8 x 82"	1	12	957-008-004	Hose Assembly 3/8 x 30"	2
2	957-028-009	Hose Assembly 3/8 x 132"	2	13	85501666	Ball Valve	1
3	921-001-487	Red Cable Tie	3	14	957-001-015	Hose Assembly 3/8 x 68"	1
4	921-001-488	Yellow Cable Tie	4	15	956-007-003	Tee Fitting	2
5	921-001-489	Blue Cable Tie	2	16	805-001-784	30° Bulkhead Plate	1
6	956-003-001	Straight Adapter 9/16 To 3/4 ORB	1	17	957-001-107	Hose Assembly 3/8 x 89"	1
7	956-005-001	Elbow 90°	5	18	957-001-021	Hose Assembly 3/8 x 102"	1
8	957-001-054	Hose Assembly 3/8 x 120"	1	19	956-005-002	Elbow 90° Fitting	4
9	957-001-056	Hose Assembly 3/8 x 108"	1	20	956-008-025	Straight Restrictor Fitting For 5" Cylinder	4
10	957-028-007	Hose Assembly 3/8 x 94"	1		956-008-024	Straight Restrictor Fitting For 4" Cylinder	4
11	957-028-010	Hose Assembly 3/8 x 106"	1	21	957-001-057	Hose Assembly 3/8 x 86"	1

12 Row 30 Strip-Till Toolbar 40/60 Split Fertilizer Cart Hydraulic Plumbing

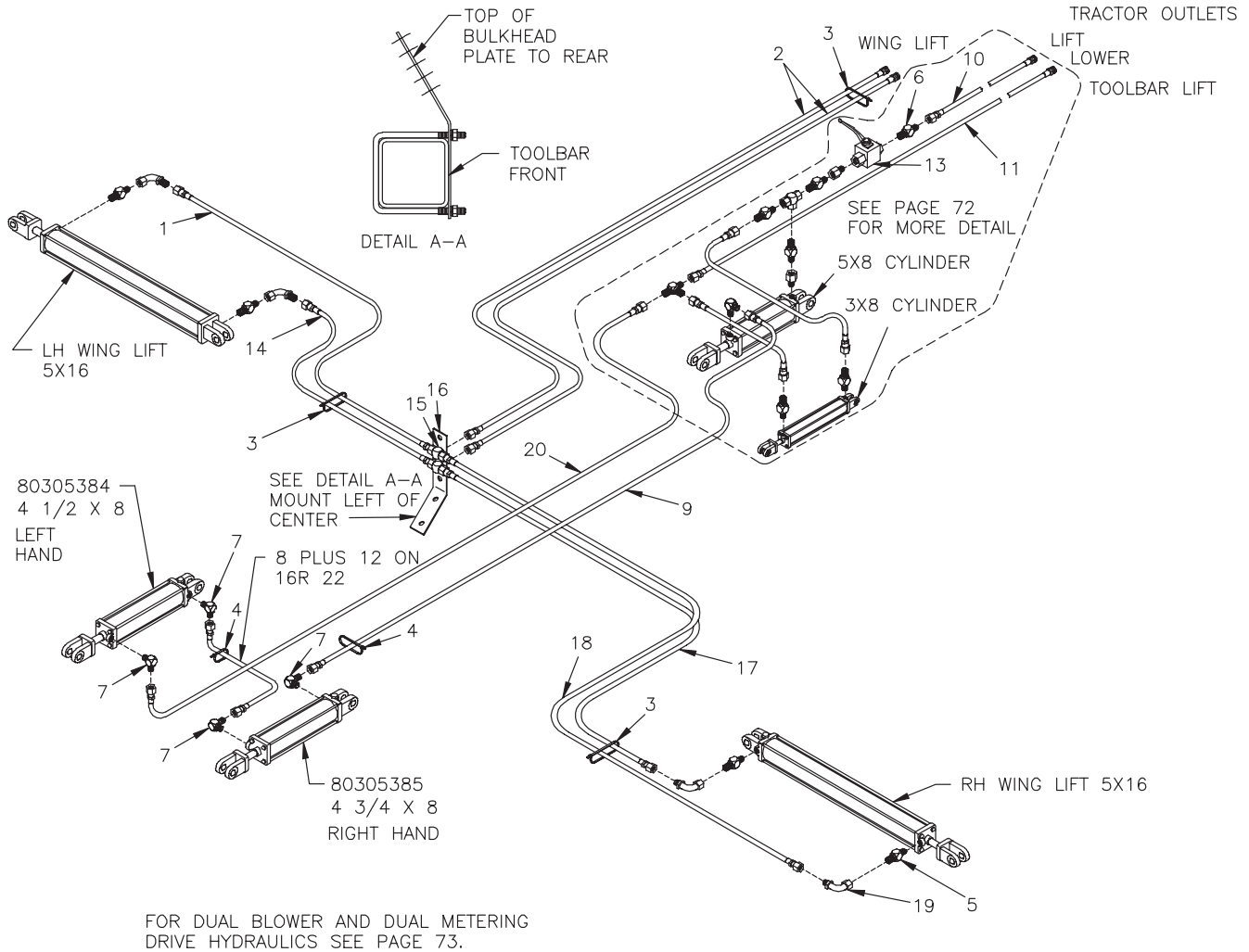


DWG. NO. 6429

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	957-001-061	Hose Assembly 3/8 x 56"	1	11	957-028-008	Hose Assembly 3/8 x 206"	1
2	957-028-009	Hose Assembly 3/8 x 132"	2	12	956-003-029	Straight Adapter 3/4 ORB To 3/4 ORB	1
3	921-001-487	Red Cable Tie	3	13	85501666	Ball Valve	1
4	921-001-488	Yellow Cable Tie	4	14	957-001-060	Hose Assembly 3/8 x 44"	1
5	956-008-024	Stir Restrictor Fitting	4	15	956-007-003	Tee	2
6	956-003-001	Straight Adapter 9/16 To 3/4 ORB	1	16	805-001-784	30° Bulkhead Plate	1
7	956-005-001	Elbow 90°	5	17	957-001-014	Hose Assembly 3/8 x 60"	1
8	957-001-054	Hose Assembly 3/8 x 120"	1	18	957-001-017	Hose Assembly 3/8 x 72"	1
9	957-001-057	Hose Assembly 3/8 x 86"	1	19	956-005-002	Elbow 90°	4
10	957-028-007	Hose Assembly 3/8 x 94"	1				

STRIP-TILL HYDRAULICS

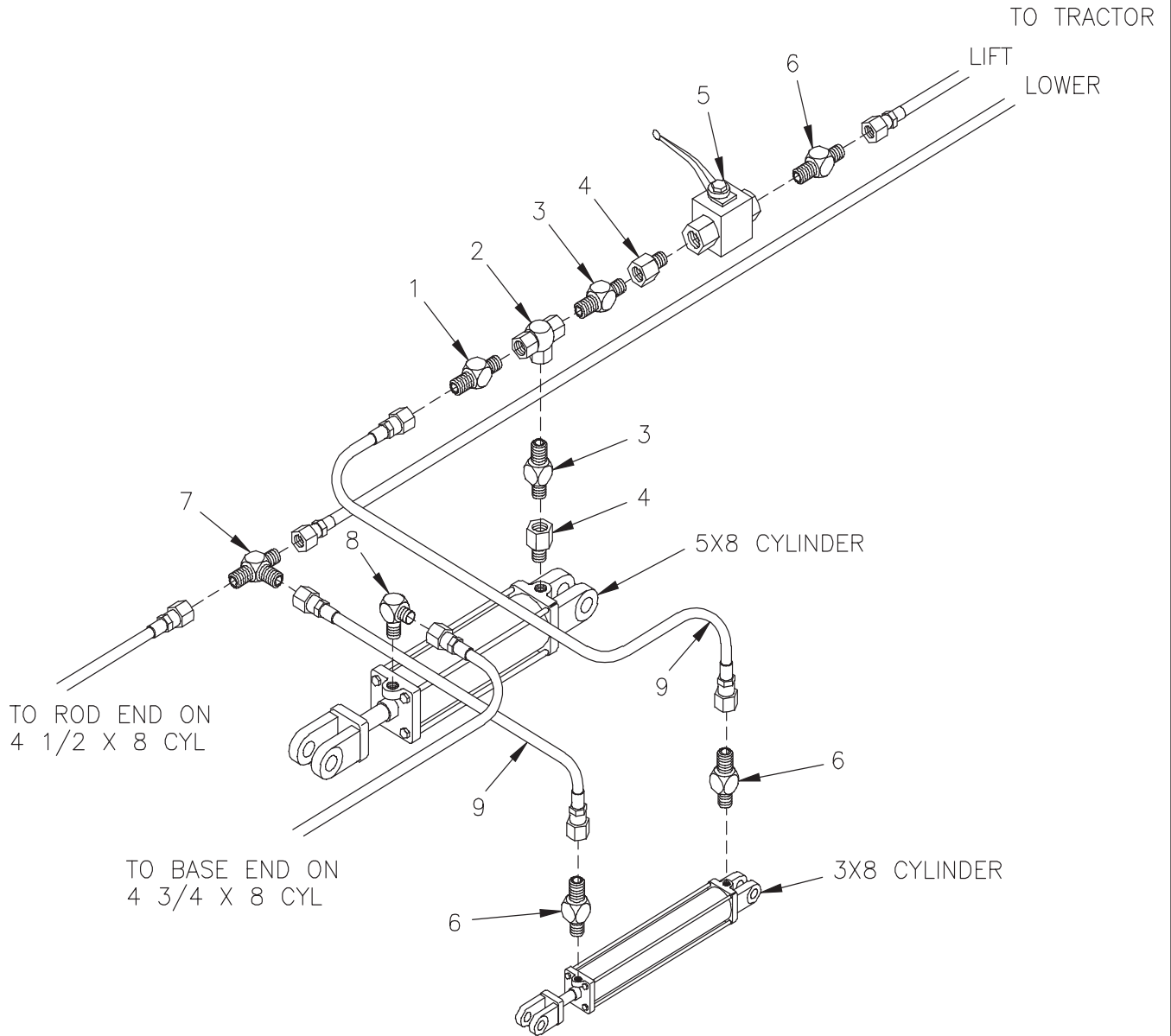
16 Row 30 Strip-Till Toolbar 40/60 Split Fertilizer Cart Hydraulic Plumbing



DWG. NO. 6431

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	957-001-058	Hose Assembly 3/8 x 82"	1	11	957-028-010	Hose Assembly 3/8 x 106"	1
2	957-028-009	Hose Assembly 3/8 x 132"	2	12	957-008-004	Hose Assembly 3/8 x 30"	1
3	921-001-487	Red Cable Tie	3	13	85501666	Ball Valve	1
4	921-001-488	Yellow Cable Tie	4	14	957-001-015	Hose Assembly 3/8 x 68"	1
5	956-008-025	Straight Restrictor Fitting	4	15	956-007-003	Tee	2
6	956-003-001	Straight Adapter 9/16 To 3/4 Orb	1	16	805-001-784	30° Bulkhead Plate	1
7	956-005-001	Elbow 90°	5	17	957-001-107	Hose Assembly 3/8 x 89"	1
8	957-001-054	Hose Assembly 3/8 x 120"	1	18	957-001-021	Hose Assembly 3/8 x 102"	1
9	957-001-056	Hose Assembly 3/8 x 108"	1	19	956-005-002	Elbow 90°	4
10	957-028-007	Hose Assembly 3/8 x 94"	1	20	957-001-057	Hose Assembly 3/8 x 86"	1

16 Row 30 Strip-Till 3 X 8 Cylinder Assist

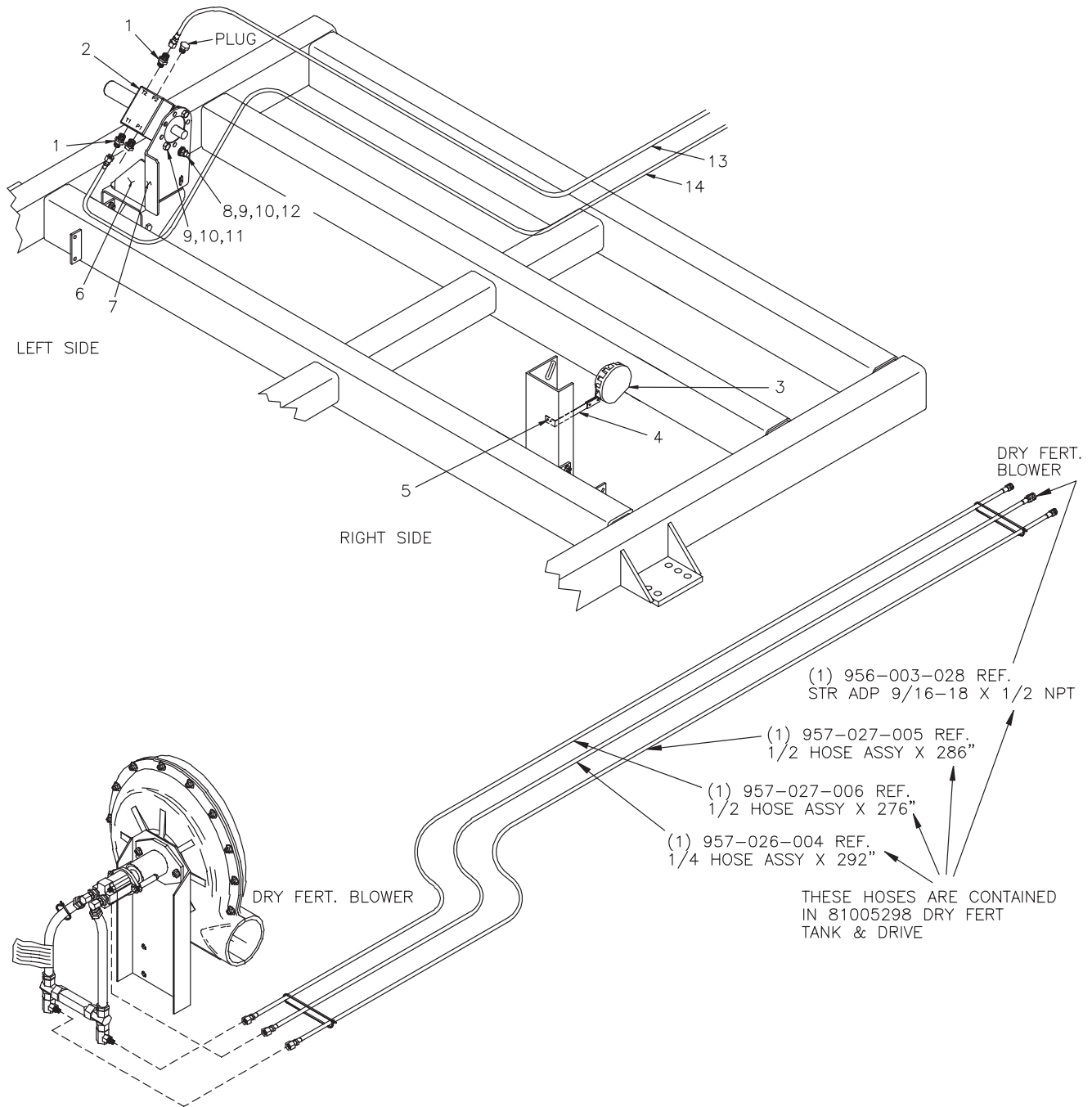


DWG. NO. 6198

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	956-003-003	Straight Adapter 9/16 JIC To 1/2 NPT	1	6	956-003-001	Straight Adapter 3/4 ORB To 9/16 JIC	3
2	956-007-002	1/2 NPT Tee Fitting	1	7	956-007-016	Tee 9/16 JIC (3)	1
3	203-51201	Adapter 1/2 Close Nipple	2	8	956-005-001	90° Elbow 3/4 ORB M x 9/16-18 JIC M	1
4	203-35530	Straight Adapter 3/4-16 M To 1/2 FNPT	2	9	957-001-002	Hose Assy 3/8 x 18"	2
5	85501666	Ball Valve	1				

STRIP-TILL HYDRAULICS

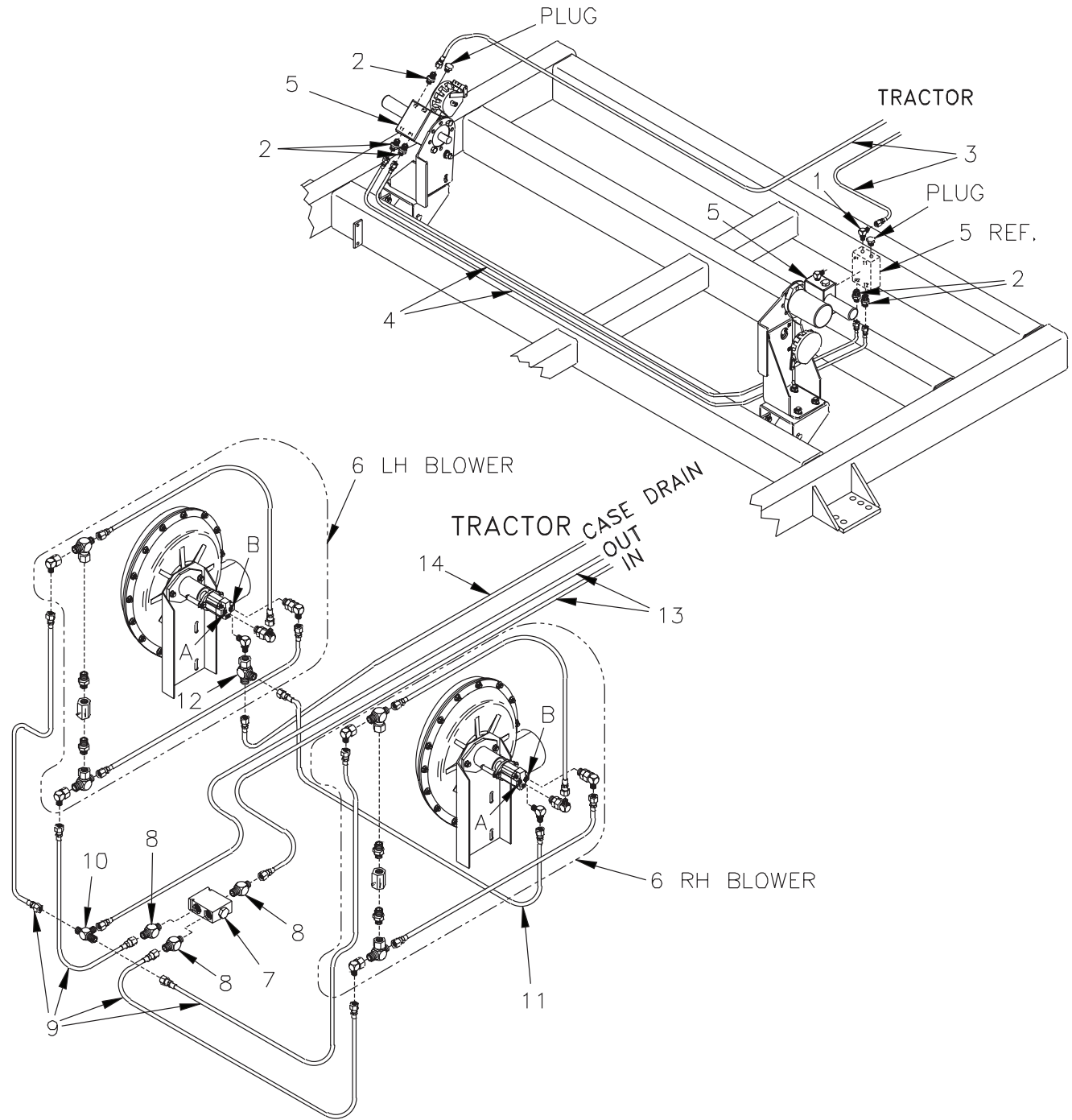
12 Row 30, 16 Row 30 Strip-Till Toolbar Single Hopper Hydraulic Drive Fertilizer Cart Hydraulic Plumbing



DWG. NO. 6546

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	956-003-031	Straight Fitting 9/16 x 7/8	2	8	950-003-019	Carriage Bolt 1/2-13 x 1 1/2 Gr. 5	8
2	81006004	HD 4180 Hydraulic Drive W/Valve	1	9	952-001-004	Lock Washer 1/2 Inch	10
3	81006003	Application Rate Sensor	1	10	951-001-007	Hex Nut 1/2-13	10
4	81006058	L Bracket	1	11	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	2
5	951-005-010	Lock Nut #10-32, 2-Way	1	12	952-002-005	Flat Washer 1/2 WRT	8
6	81006001	LH Mounting Bracket	1	13	957-002-012	Hose Assembly 3/8 x 282"	1
7	81005998	LH Motor Mounting Bracket	1	14	957-001-095	Hose Assembly 3/8 x 294"	1

12 Row 30, 16 Row 30 Strip-Till Toolbar 40/60 Split Dual Hydraulic Drive Fertilizer Cart Hydraulic Plumbing



DWG. NO. 6430

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	956-005-031	Elbow 90° 9/16 To 7/8	1	8	206-01003	Straight Fitting Adapter	3
2	956-003-031	Straight Adapter 9/16 To 7/8	5	9	957-031-001	Hose Assembly 1/2 x 37"	4
3	957-002-012	Hose Assembly 3/8 x 282"	2	10	206-02503	Tee Adapter	1
4	957-001-020	Hose Assembly 3/8 x 96"	2	11	957-022-016	Hose Assembly 1/2 x 48"	1
5	81006004	HD4180 Hydraulic Drive W/Valve	2	12	956-007-010	Tee	1
6	81005299	Blower & Mount Assembly (See Page 55)	2	13	957-030-002	Hose Assembly 3/4 x 286"	2
7	81005760	Flow Divider Valve	1	14	957-026-006	Hose Assembly 1/4 x 286"	1

Split Tank Dual Variable Drive And Component Specifications

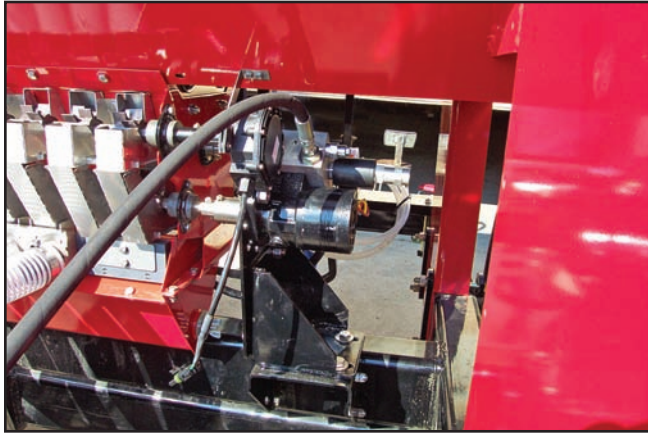


PHOTO NO. DCP1984

Left Hand Variable Hydraulic Drive

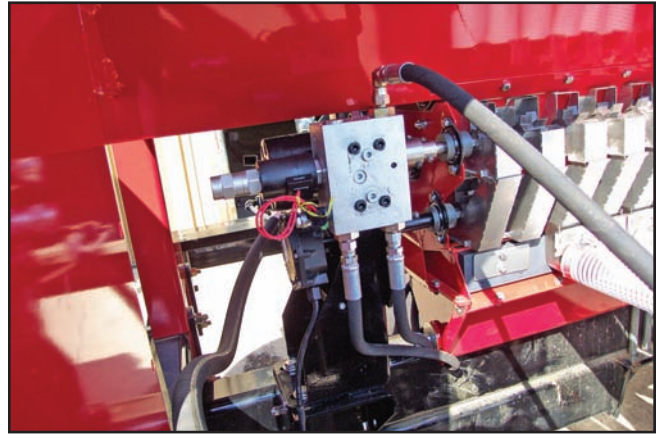


PHOTO NO. DCP2010

Right Hand Variable Hydraulic Drive

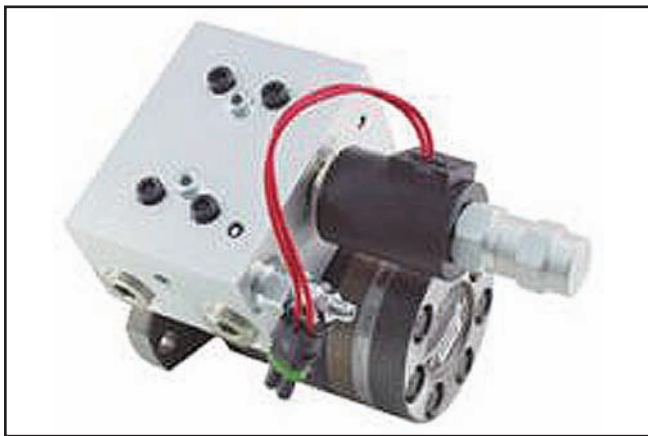


PHOTO NO. DJ002

Hydra Drive
Hiniker Part No. 81006004

Specifications:

General

RPM Operating Range: 4 to 180 RPM
Hydraulic Oil Usage: 4.9 in 3/rev (80 cc/rev)
Max Hydraulic Oil Usage: 4 gpm (15 LPM)
Maximum Torque: 1400 inch pounds (160 Nm)
Dimensions: 10.2 x 5.0 x 6.3 in (260 x 127 x 160 mm)
Weight: 19.8 lbs (9.0 Kg)

Electrical

Control Signal: 12 Volts pulse width modulated
Control Frequency: 200 Hz
Maximum Current: 1.5 Amps
2 Wire Weatherpack Connector

Hydraulic Connections

Tractor Hydraulics: Closed Center or Open Center
HydraDrive Hydraulics: Pressure port 1/2" SAE (7/8 UNO) Return port 1/2" SAE (7/8 UNO)
Adapter pigtails will be required to match variable rate controllers.

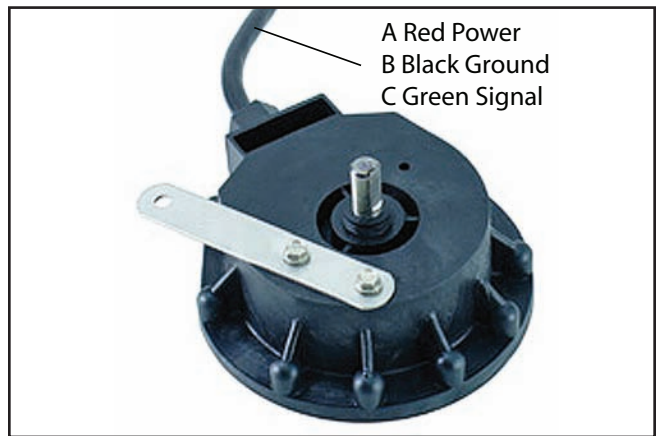


PHOTO NO. DJ001

Application Rate Sensor
Hiniker Part No. 81006003

Specifications:

Outputs at 360 pulses per revolution
RPM range 2-2500
12 volt sensor with square-wave signal output
3-pin weather - pack connector

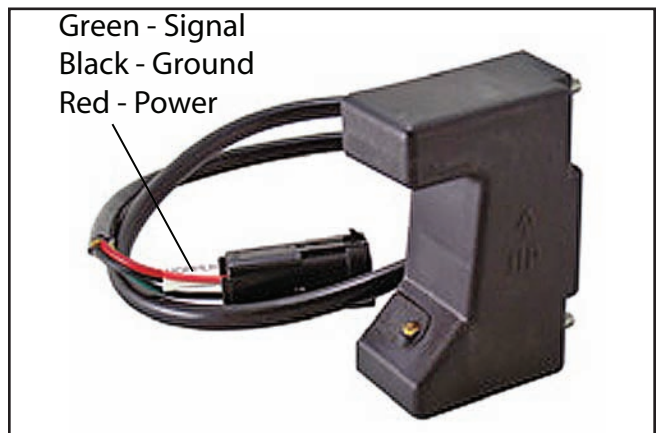
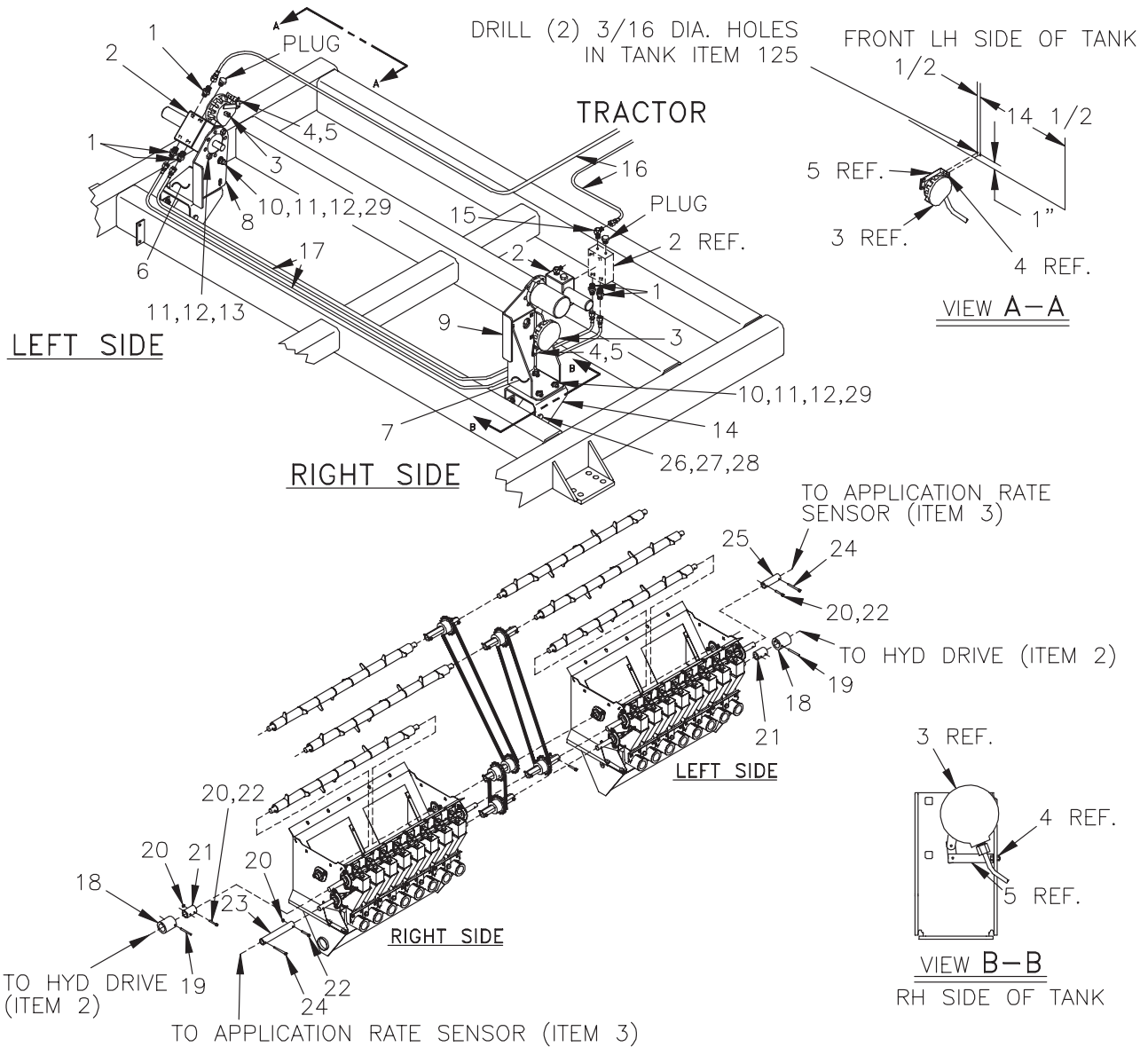


PHOTO NO. DJ003

Hopper Level Sensor
Hiniker Part No. 39411002

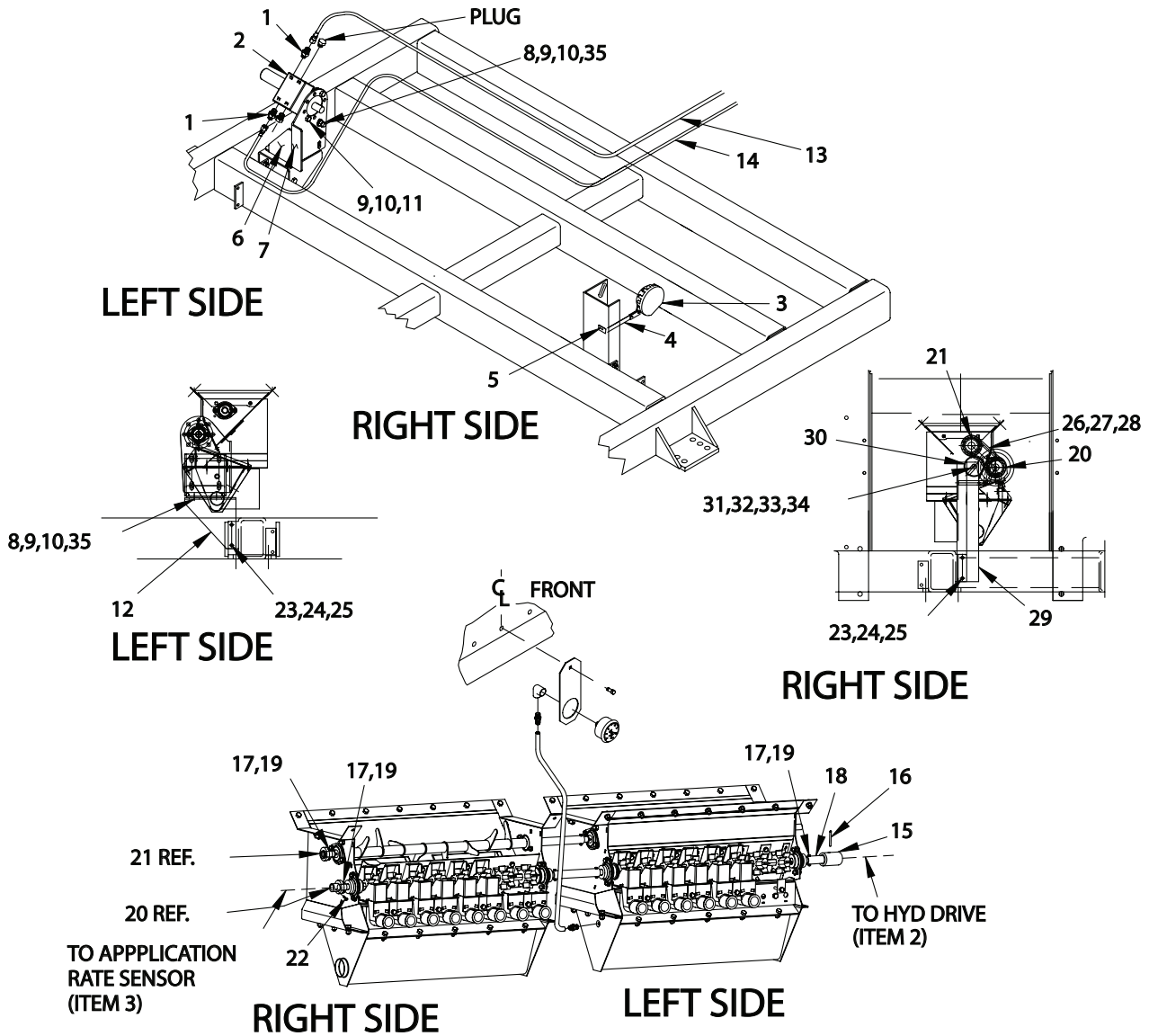
Split Tank Dual Variable Drive And Components



DWG. NO. 6646

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	956-003-031	Straight Fitting 9/16 x 7/8	5	16	957-002-012	Hose Assembly 3/8 x 282"	2
2	81006004	Hd 4180 Hydraulic Drive W/Valve	2	17	957-001-020	Hose Assembly 3/8 x 96"	2
3	81006003	Application Rate Sensor	2	18	81005960	Motor Shaft Coupling	2
4	81006058	L Bracket	2	19	701-30020	Slotted Spring Pin 3/16 x 1 3/4	2
5	951-005-010	Lock Nut 2-Way #10-32	2	20	392-010-010	Nylon Insert Lock Nut #10-24	4
6	81006001	LH Mounting Bracket	1	21	81005961	Shaft Coupler Bracket	2
7	81006002	RH Mounting Bracket	1	22	950-004-110	Socket Head Cap Screw #10-24 x 1 1/4	4
8	81005998	LH Motor Mounting Bracket	1	23	81006000	Sensor Shaft Long Coupling	1
9	81005997	RH Motor Mounting Bracket	1	24	060926	Machine Screw #10-24 x 1/2 Slotted Hex Head	2
10	950-003-019	Carriage Bolt 1/2-13 x 1 1/2 Gr. 5	16	25	81005999	Sensor Shaft Short Coupling	1
11	952-001-004	Lock Washer 1/2	20	26	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	8
12	951-001-007	Hex Nut 1/2-13	20	27	952-001-007	Lock Washer 3/8 Inch Med Split SAE	8
13	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	4	28	951-001-005	Hex Nut 3/8-16	8
14	81005994	Mount Plate	2	29	952-002-005	Flat Washer 1/2 WRT	16
15	956-005-031	Fitting 90° Elbow 9/16 x 7/8	1				

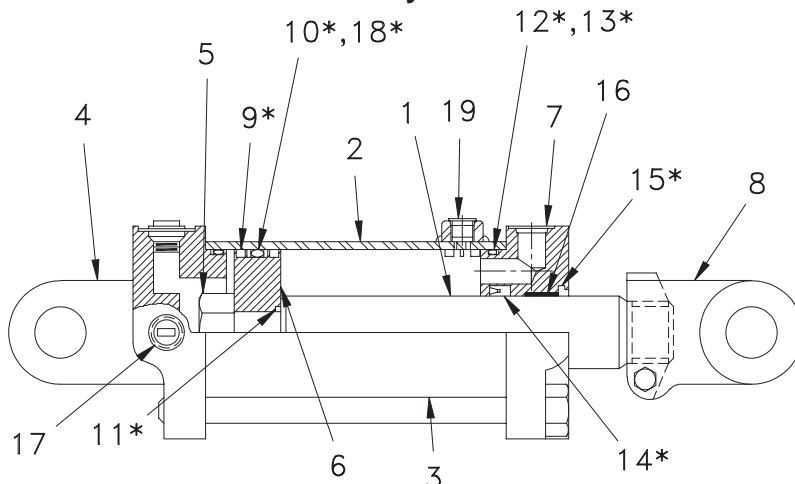
Single Tank Variable Drive And Components



DWG. NO. 6647

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	956-003-031	Straight Fitting 9/16 x 7/8	2	19	950-004-110	Socket Head Cap Screw #10-24 x 1 1/4	3
2	81006004	HD 4180 Hydraulic Drive W/Valve	1	20	81006092	Sensor Hub Sprocket #40 16T	1
3	81006003	Application Rate Sensor	1	21	81006093	Agitator Hub Sprocket W 340 16T	1
4	81006058	L Bracket	1	22	060926	Machine Screw #10-24 X 1/2 Slotted Hex Head	1
5	951-005-010	Lock Nut 2-Way #10-32	1	23	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	6
6	81006001	LH Mounting Bracket	1	24	952-001-007	Lock Washer 3/8 Med Split SAE	6
7	81005998	LH Motor Mounting Bracket	1	25	951-001-005	Hex Nut 3/8-16	6
8	950-003-019	Carriage Bolt 1/2-13 x 1 1/2 Gr. 5	8	26	81006090	Roller Chain #40 33 Links SS	1
9	952-001-004	Lock Washer 1/2 Inch	10	27	81005982	Offset Link #40 SS	1
10	951-001-007	Hex Nut 1/2-13	10	28	81005983	#40 Connector Link SS	1
11	950-001-125	Hex Head Cap Screw 1/2-13 x 1 1/2 Gr. 5	2	29	81006094	Vertical Mount Plate	1
12	81006096	Mount Plate	1	30	803-001-208	Idler Sprocket #40 17T	1
13	957-002-012	Hose Assembly 3/8 x 282"	1	31	950-001-023	Hex Head Cap Screw 5/8-11 x 2 Gr. 5	1
14	957-001-095	Hose Assembly 3/8 x 294"	1	32	952-002-007	Flat Washer 5/8 WRT	2
15	81005960	Motor Shaft Coupling	1	33	952-001-005	Lock Washer 5/8 Med Split SAE	1
16	701-30020	Slotted Spring Pin 3/16 x 1 3/4	1	34	951-001-008	Hex Nut 5/8-11	1
17	392-010-010	Nylon Insert Lock Nut #10-24	3	35	952-002-005	Flat Washer 1/2 WRT	8
18	81005961	Shaft Coupler	1				

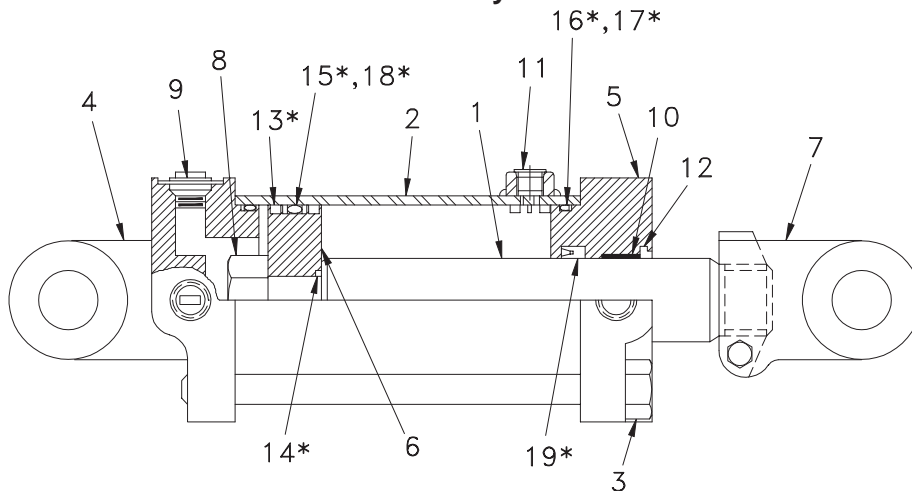
5 x 8 Cylinder



DWG. NO. 6498

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	80305480	Piston Rod	1	12		O-Ring	2
2	80305481	Tube Assembly	1	13		B/U Washer	2
3	80305502	Tie Rod Assembly	4	14		U-Cup	1
4	80306049	Butt	1	15		Wiper	1
5	85501744	Lock Nut	1	16	80305499	Bushing	1
6	80306465	Piston	1	17	81004514	Port Plug	3
7	80305486	Gland	1	18		Teflon Seal	1
8	80305773	Clevis Assembly	1	19	85501740	ORB Plug	1
9		Bearing Ring	2		80305569	*Seal Kit (Includes Items 9, 10, 11, 12, 13, 14, 15 & 18)	0
10		O-Ring	1		80305383	Complete 5 x 8 Cylinder Assembly	
11		O-Ring	1				

4 3/4 x 8 Cylinder

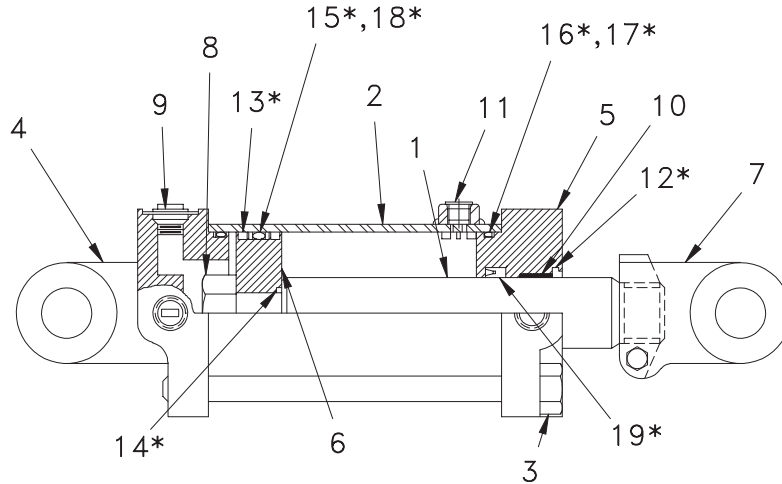


DWG. NO. 6499

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	80305480	Piston Rod	1	12		Wiper	1
2	80305522	Tube Assembly	1	13		Bearing Ring	2
3	80305502	Tie Rod Assembly	4	14		O-Ring	1
4	80306050	Butt	1	15		O-Ring	1
5	80305525	Gland Assembly	1	16		O-Ring	2
6	80306463	Piston	1	17		Bu-Washer	2
7	80305773	Clevis Assembly	1	18		Teflon Seal	1
8	85501744	Lock Nut 1 1/8-12	1	19		U-Cup	1
9	81004514	Port Plug	3		80305570	*Seal Kit (Includes Items 12, 13, 14, 15, 16, 17, 18 & 19)	1
10	80305499	Bushing	1		80305385	Complete 4 3/4 x 8 Cylinder Assembly	
11	85501740	Port Plug	1				

STRIP-TILL HYDRAULICS

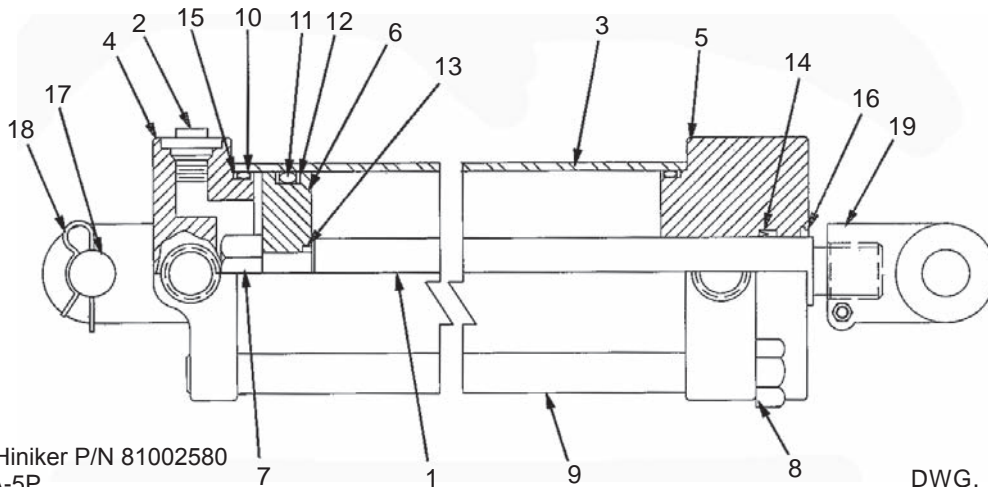
4-1/2 x 8 Cylinder



DWG. NO. 6500

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	80305500	Piston Rod	1	12		Wiper	1
2	80305501	Tube Assembly	1	13		Bearing Ring	2
3	80305502	Tie Rod Assembly	4	14		O-Ring	1
4	80305774	Butt	1	15		O-Ring	1
5	85501731	Gland Assembly	1	16		O-Ring	2
6	85501724	Piston	1	17		BU-Washer	2
7	80305773	Clevis Assembly	1	18		Teflon Seal	1
8	85501744	Locknut 1-1/8-12	1	19		U-Cup	1
9	81004514	Port Plug	3		80305571	*Seal Kit (Includes Items 12, 13, 14, 15, 16, 17, 18, & 19)	0
10	85501743	Bushing	1		80305384	Complete 4 1/2 x 8 Cylinder Assembly BC0662	
11	85501740	Port Plug	1				

3 1/2 x 16 Cylinder



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

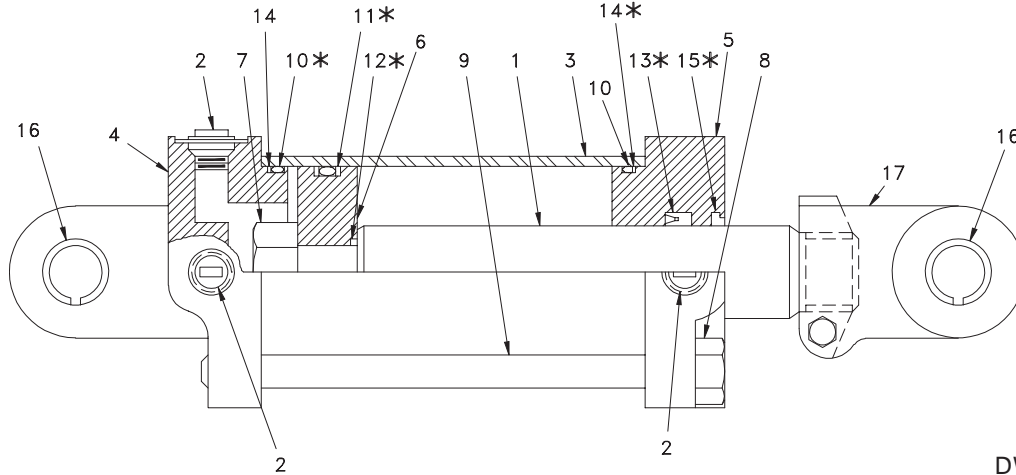
DWG. NO. 2301

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

* NOTE: Items marked " * " are available
In seal kit,

STRIP-TILL HYDRAULICS

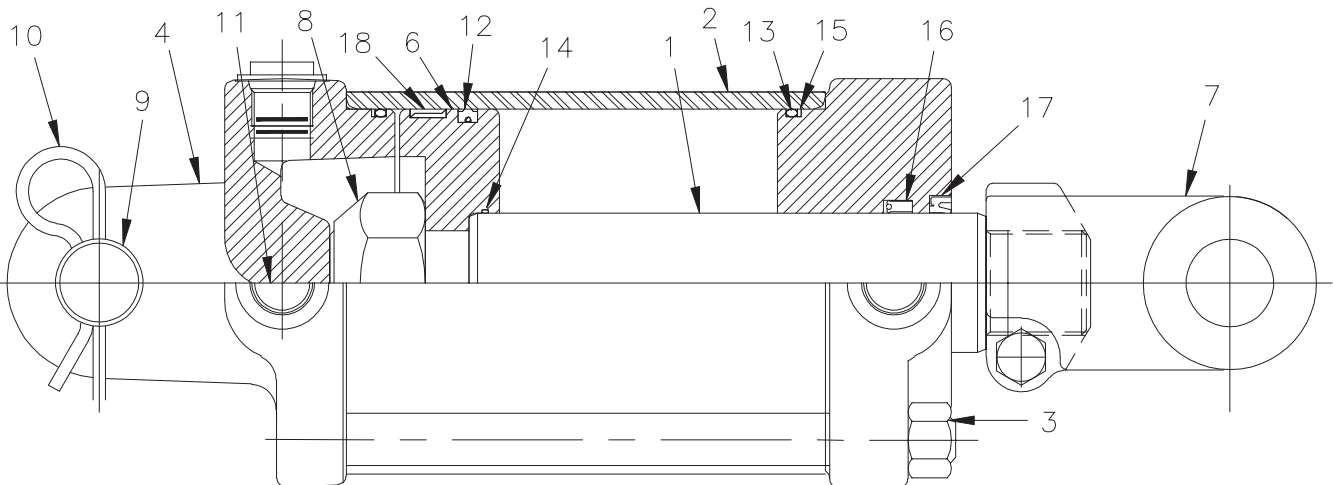
4 x 16 Cylinder



DWG. NO. 3643

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81004343	Piston Rod	1	11		Crown Seal	2
2	855-001-404	#8 SAE Plug	3	12		O-Ring	1
3	861-001-223	Tube	1	13		U-Cup Seal	1
4	80305775	Butt	1	14		Bu-Washer	2
5	81004344	Gland	1	15		Wiper	1
6	81004345	Piston	1	16	81004351	Bushing	4
7	951-005-034	Lock Nut Uni-Torque 1 1/4-12	1	17	80305773	Clevis Assembly	1
8	855-001-424	Hex Nut	4		81004352	Seal Kit (Includes Items 10, 13, 14, and 15)	0
9	81002578	Tie Rod	4		80305690	Complete 4 x 16 Cylinder Assembly	
10		O-Ring	2				

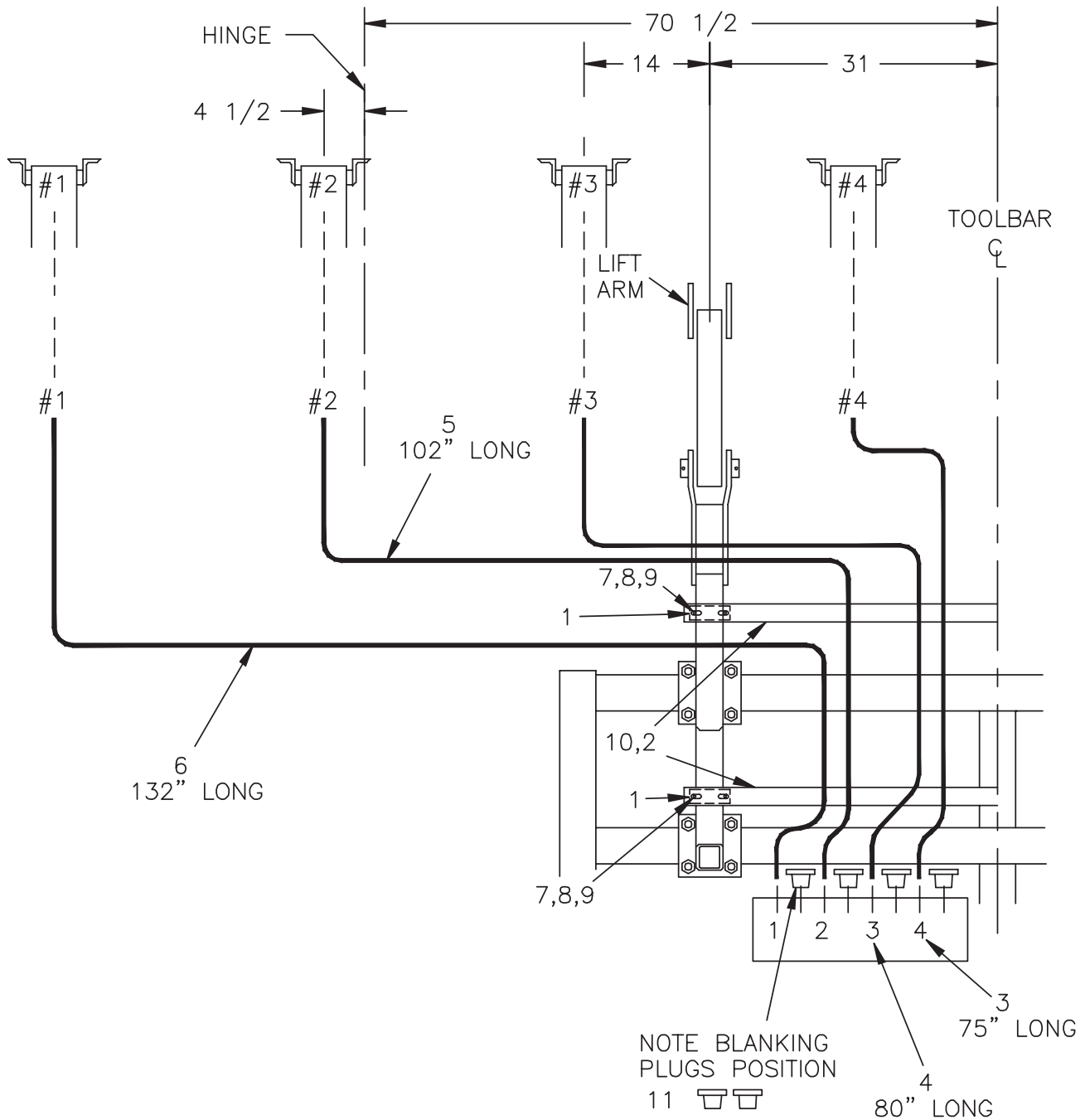
5 x 16 Cylinder



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	
10	840-001-206	Hair Pin Clip	2				

8 Row 30 1 1/2" Hose Dry Fertilizer Air Assembly 2007 & Later



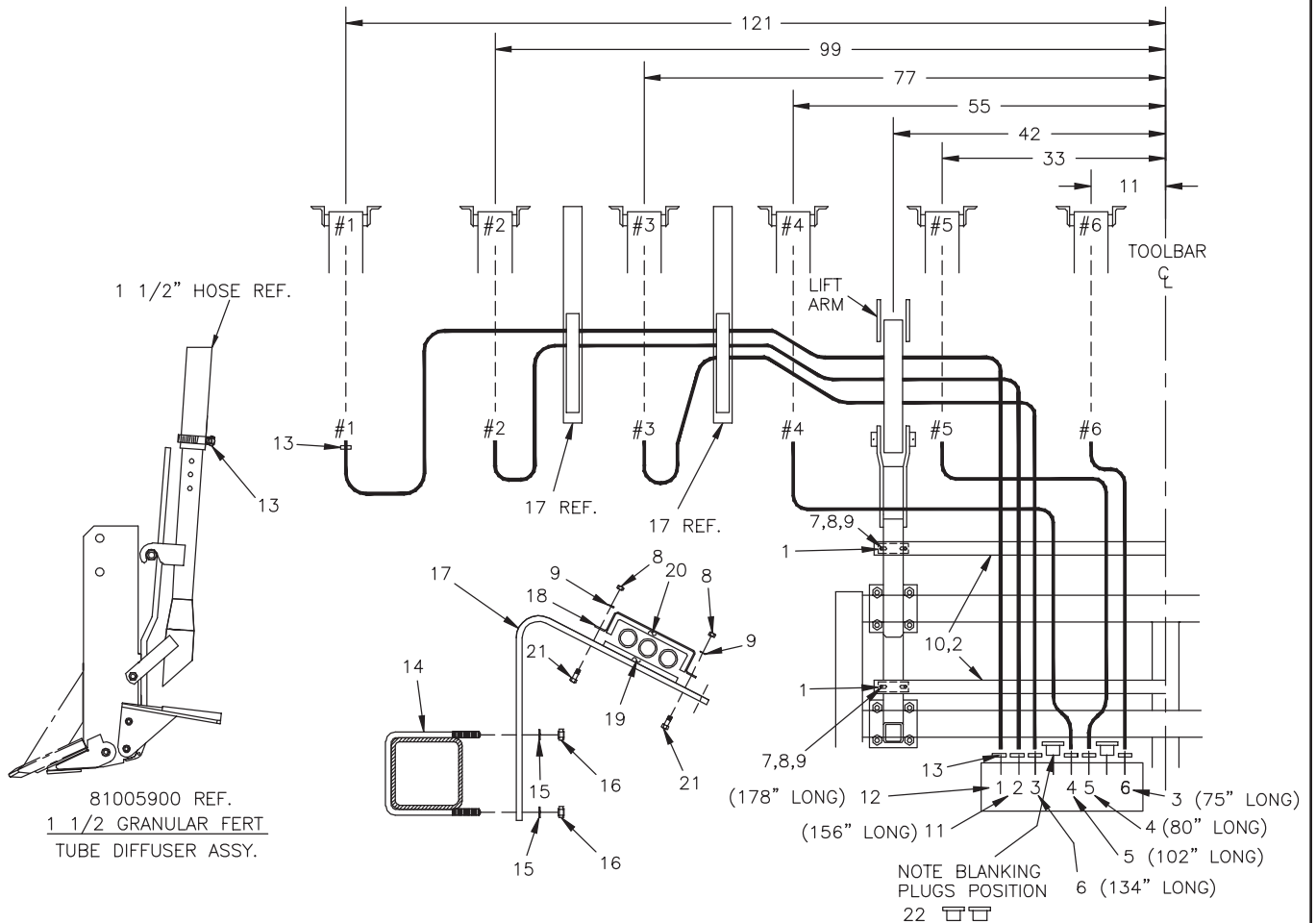
Note:

921-001-533 Clear With White Hose 1 1/2" (Sold By The Foot)

DWG. NO. 6648

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005137	Mount Plate	4	7	950-001-048	Hex Head Cap Screw 3/8-16 x 6 Gr. 5	8
2	81005590	Outer Hose Support	2	8	951-001-005	Hex Nut 3/8-16	16
3	81005552	Clear W/White Hose 1.5 ID x 75"	2	9	952-001-007	Lock Washer 3/8 Inch Med Split SAE	16
4	81005553	Clear W/White Hose 1.5 ID x 80"	2	10	81005591	Inner Hose Support	2
5	81005554	Clear W/White Hose 1.5 ID x 102"	2	11	81006146	Tapered Plug WW-5	8
6	81005566	Clear W/White Hose 1.5 ID x 132"	2				

12 Row 22 1 1/2" Hose Dry Fertilizer Air Assembly 2008 & Later

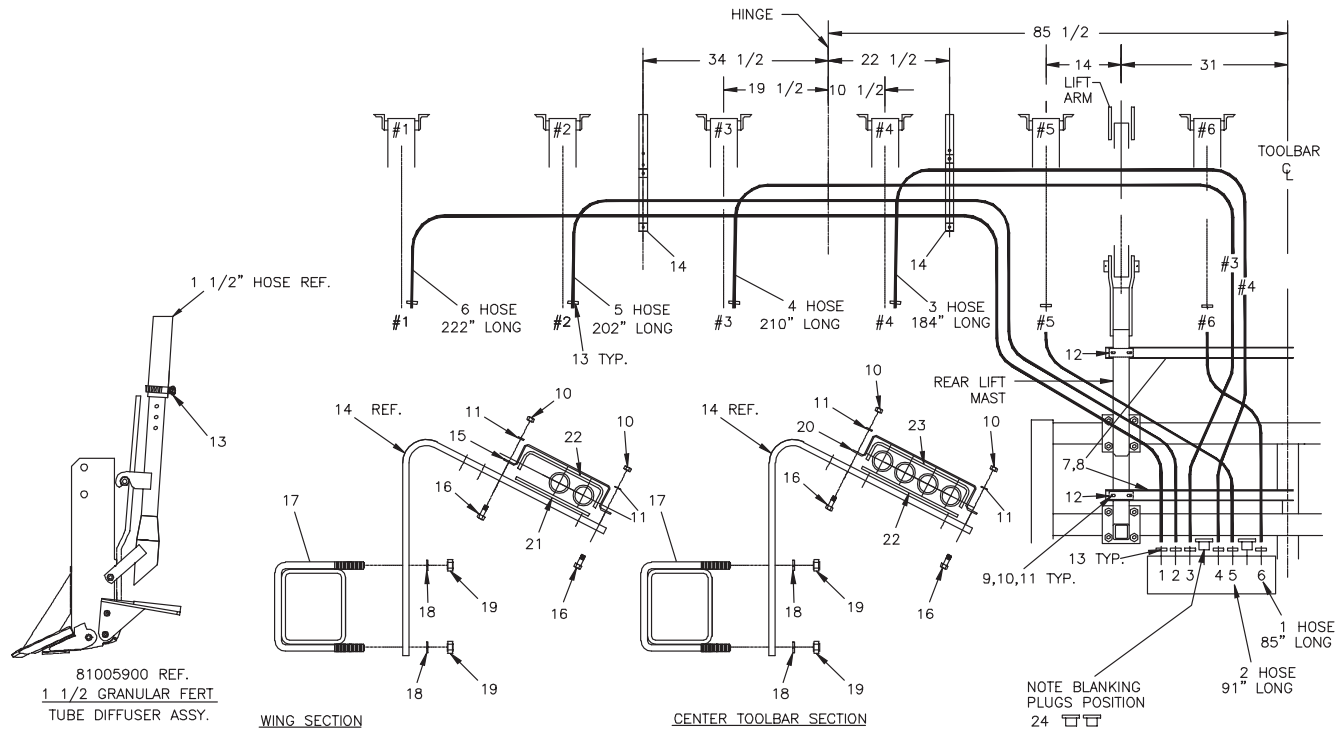


Note:
921-001-533 Clear With White Hose 1 1/2" (Sold By The Foot)

DWG. NO. 6645

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005137	Mount Plate	4	12	81005950	Clear W/White Hose 1.5 ID x 178"	2
2	81005590	Outer Hose Support	2	13	614582	Hose Clamp 1 1/16-2	24
3	81005552	Clear W/White Hose 1.5 ID x 75"	2	14	805-001-332	5/8 U-Bolt	4
4	81005553	Clear W/White Hose 1.5 ID x 80"	2	15	952-001-005	Lock Washer 5/8 Inch	8
5	81005554	Clear W/White Hose 1.5 ID x 102"	2	16	951-001-008	Hex Nut 5/8-11	8
6	81005948	Clear W/White Hose 1.5 ID x 134"	2	17	81005194	Tube Support	4
7	950-001-048	Hex Head Cap Screw 3/8-16 x 6 Gr. 5	8	18	81005415	Center Tube Support	4
8	951-001-005	Hex Nut 3/8-16	16	19	81005381	Weatherstrip 8"	4
9	952-001-007	Lock Washer 3/8 Inch Med Split SAE	16	20	81005101	Weatherstrip 10 1/4"	4
10	81005591	Inner Hose Support	2	21	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	8
11	81005949	Clear W/White Hose 1.5 ID x 156"	2	22	81006146	Tapered Plug WW-5	4

12 Row 30 1 1/2" Hose Dry Fertilizer Air Assembly 2010 & Later



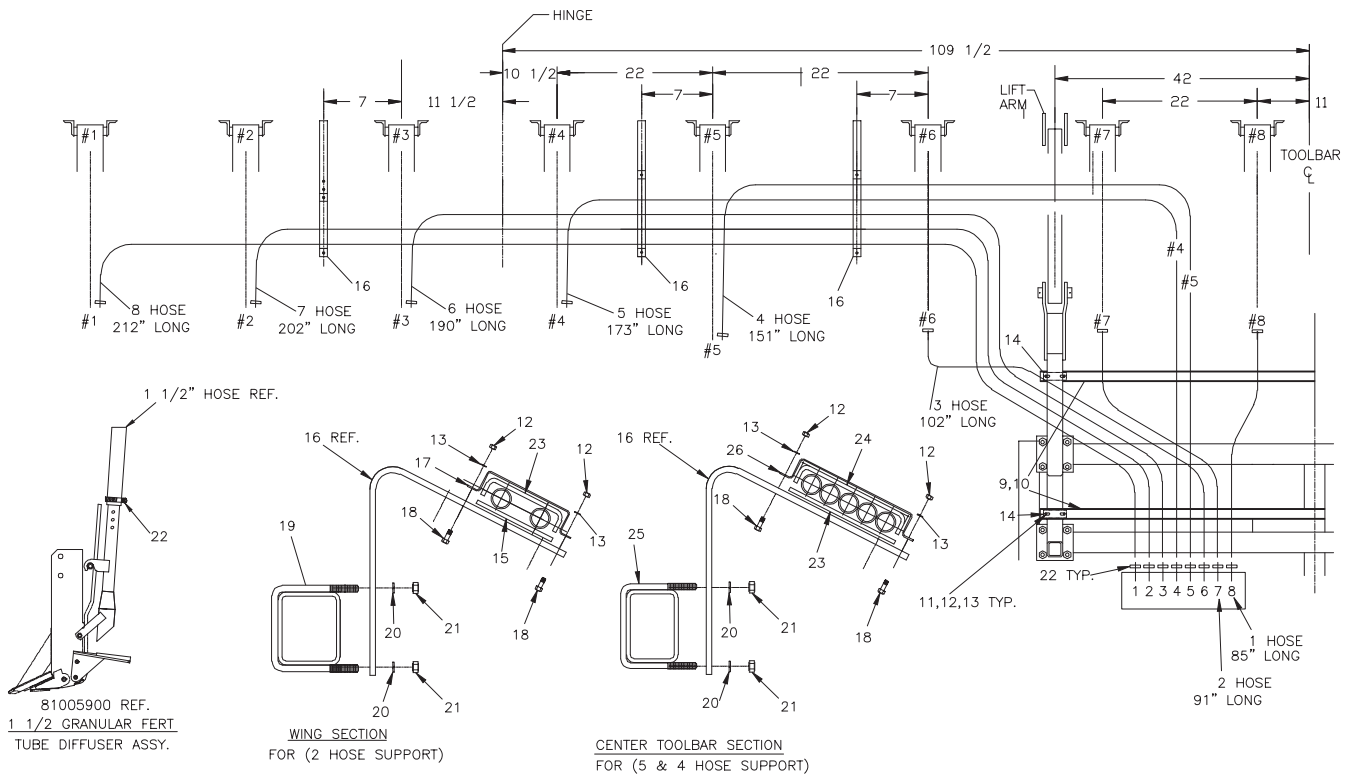
Note:

921-001-533 Clear With White Hose 1 1/2" (Sold By The Foot)

DWG. NO. 6643

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005557	Clear W/White Hose 1 1/2 x 85"	2	14	81006016	Hinge Hose Support	4
2	81005559	Clear W/White Hose 1 1/2 x 91"	2	15	81005415	Center Tube Support	2
3	81006150	Clear W/White Hose 1 1/2 x 184"	2	16	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr 5	8
4	81006154	Clear W/White Hose 1 1/2 x 210"	2	17	805-001-332	U-Bolt 5/8	4
5	81006152	Clear W/White Hose 1 1/2 x 202"	2	18	952-001-005	Lock Washer 5/8	8
6	81006156	Clear W/White Hose 1 1/2 x 222"	2	19	951-001-008	Hex Nut 5/8-11	8
7	81005590	Outer Hose Support	2	20	81005164	Center Tube Support	2
8	81005591	Inner Hose Support	2	21	81005381	Weatherstrip 8"	2
9	950-001-048	Hex Head Cap Screw 3/8-16 x 6 Gr 5	8	22	81005101	Weatherstrip 10 1/4"	4
10	951-001-005	Hex Nut 3/8-16	16	23	81005100	Weatherstrip 14"	2
11	952-001-007	Lock Washer 3/8 Inch	16	24	81006146	Tapped Plug WW-5	4
12	81005137	Mount Plate	4	25	81006163	Instruction Sheet 12R 30 1 1/2" Hose Assembly	1
13	614582	Hose Clamp 1 1/16-2 SS	24				

16 Row 22 1 1/2" Hose Dry Fertilizer Air Assembly 2010 & Later



Note:

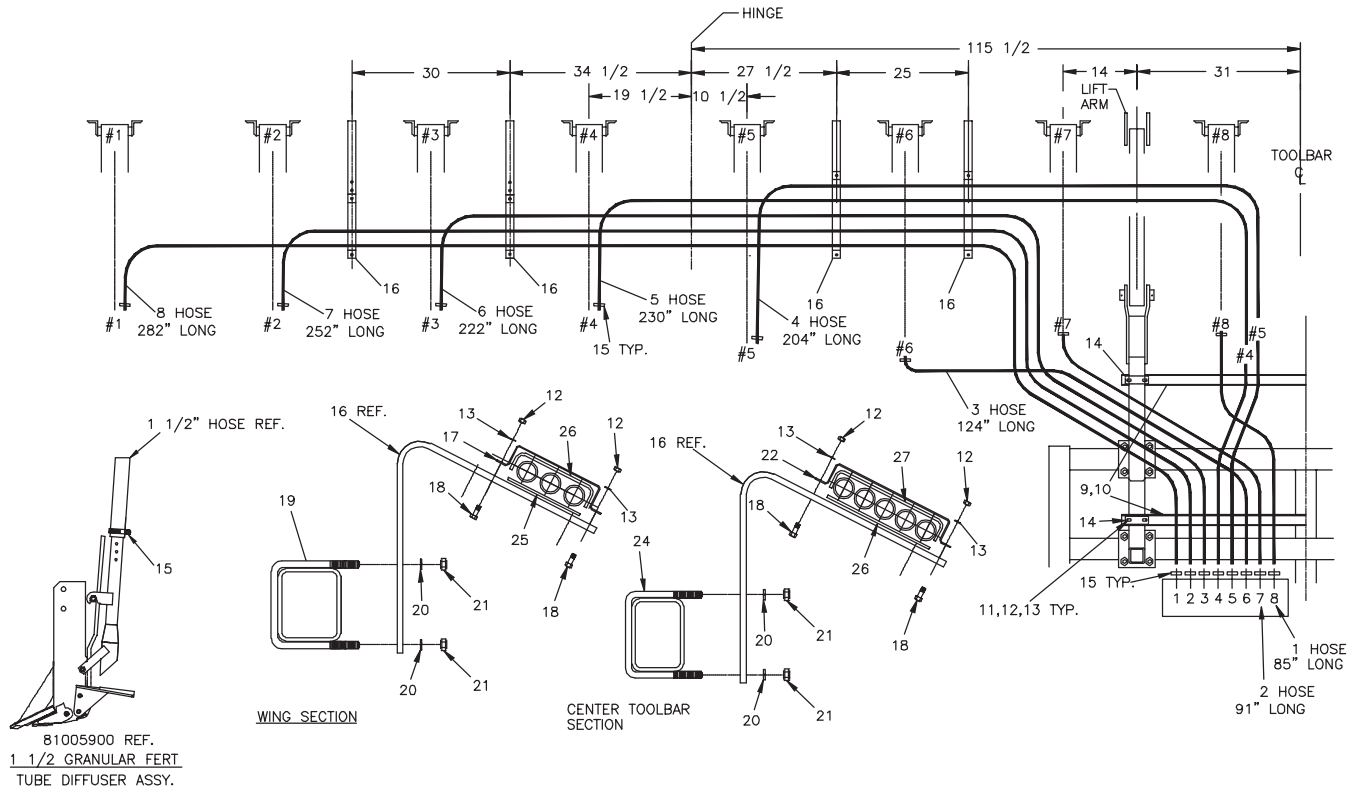
921-001-533 Clear With White Hose 1 1/2" (Sold By The Foot)

DWG. NO. 6641

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005557	Clear W/White Hose 1 1/2 x 85"	2	15	81005381	Weatherstrip 8"	2
2	81005559	Clear W/White Hose 1 1/2 x 91"	2	16	81006016	Hinge Hose Support	6
3	81005554	Clear W/White Hose 1 1/2 x 102"	2	17	81005415	Center Tube Support	2
4	81006148	Clear W/White Hose 1 1/2 x 151"	2	18	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	12
5	81006149	Clear W/White Hose 1 1/2 x 173"	2	19	805-001-332	U-Bolt 5/8	2
6	81006151	Clear W/White Hose 1 1/2 x 190"	2	20	952-001-005	Lock Washer 5/8 Inch	12
7	81006152	Clear W/White Hose 1 1/2 x 202"	2	21	951-001-008	Hex Nut 5/8-11	12
8	81006155	Clear W/White Hose 1 1/2 x 212"	2	22	614582	Hose Clamp 1 1/16-2 SS	32
9	81005590	Outer Hose Support	2	23	81005101	Weatherstrip 10 1/4"	6
10	81005591	Inner Hose Support	2	24	81005100	Weatherstrip 14"	4
11	950-001-048	Hex Head Cap Screw 3/8-16 x 6 Gr. 5	8	25	81003020	U-Bolt 5/8	4
12	951-001-005	Hex Nut 3/8-16	20	26	81006018	Center Hose Support	4
13	952-001-007	Lock Washer 3/8 Inch	20	27	81006161	Instruction Sheet 16 R 22 Assembly	1
14	81005137	Mount Plate	4				

STRIP-TILL DRY FERTILIZER AIR ASSY

16 Row 30 1 1/2" Hose Dry Fertilizer Air Assembly 2010 & Later



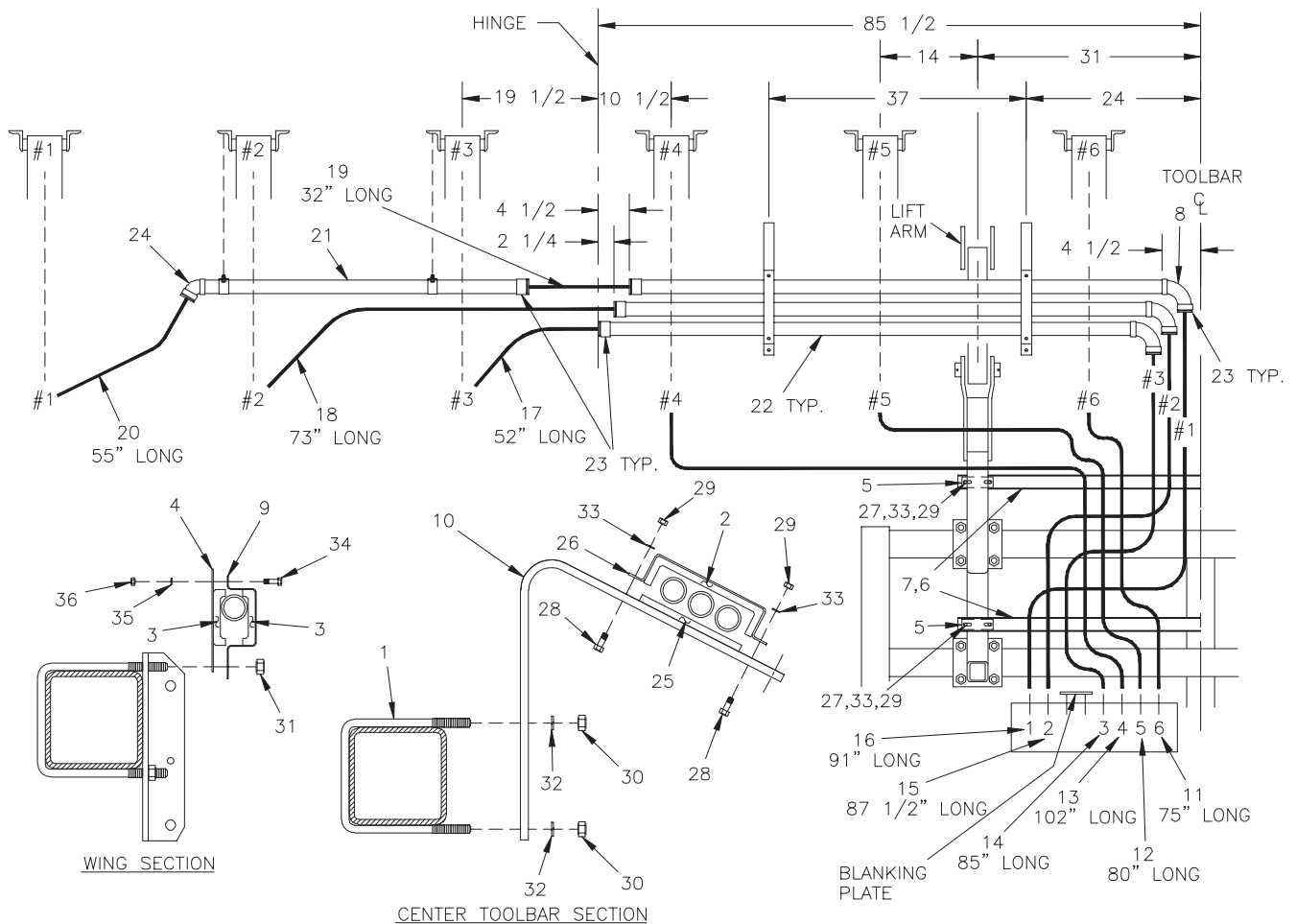
Note:

921-001-533 Clear With White Hose 1 1/2" (Sold By The Foot)

DWG. NO. 6642

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005557	Clear W/White Hose 1 1/2 x 85"	2	15	614582	Hose Clamp 1 1/16-2 SS	32
2	81005559	Clear W/White Hose 1 1/2 x 91"	2	16	81006016	Hinge Hose Support	8
3	81006147	Clear W/White Hose 1 1/2 x 124"	2	17	81005415	Center Tube Support	4
4	81006153	Clear W/White Hose 1 1/2 x 204"	2	18	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr 5	8
5	81006157	Clear W/White Hose 1 1/2 x 230"	2	19	805-001-332	U-Bolt 5/8	4
6	81006156	Clear W/White Hose 1 1/2 x 222"	2	20	952-001-005	Lock Washer 5/8 Inch	16
7	81006158	Clear W/White Hose 1 1/2 x 252"	2	21	951-001-008	Hex Nut 5/8-11	16
8	81006159	Clear W/White Hose 1 1/2 x 282"	2	22	81006018	Center Hose Support	4
9	81005590	Outer Hose Support	2	23	81006165	Instruction Sheet 16 R 30 1 1/2" Hose	1
10	81005591	Inner Hose Support	2	24	81003020	U-Bolt 5/8	4
11	950-001-048	Hex Head Cap Screw 3/8-16 x 6 Gr 5	8	25	81005381	Weatherstrip 8"	4
12	951-001-005	Hex Nut 3/8-16	24	26	81005101	Weatherstrip 10 1/4"	8
13	952-001-007	Lock Washer 3/8 Inch	24	27	81005100	Weatherstrip 14"	4
14	81005137	Mount Plate	4				

12 Row 30 1 1/2" Hose Dry Fertilizer Air Assembly 2007-2009



Note:

- 921-001-533 Clear With White Hose 1 1/2" (Sold By The Foot)
- 921-001-527 Corrugated Black Hose 1 1/2" (Sold By The Foot)

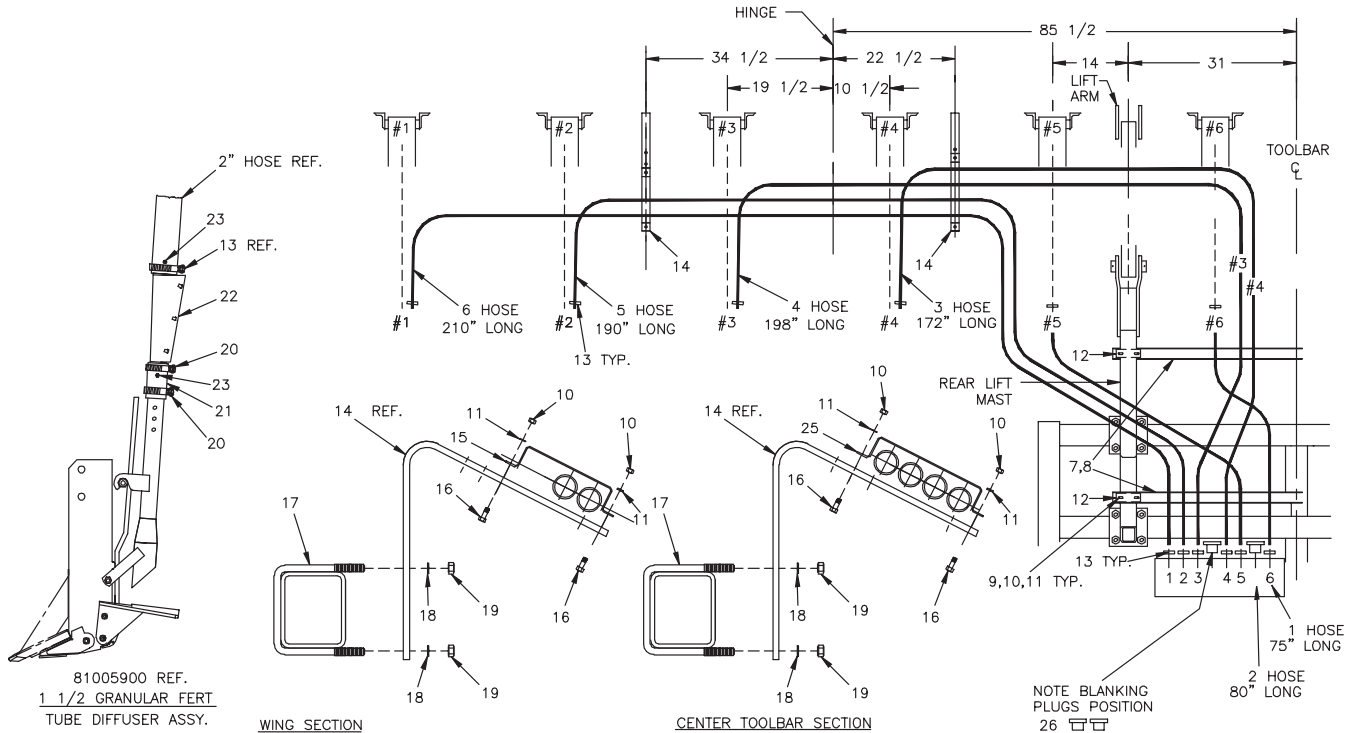
DWG. NO. 6432

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	805-001-332	5/8 U-Bolt	4	19	81005563	Corrugated Black Hose 1 1/2 ID x 32"	2
2	81005101	Weatherstrip 10 1/4"	4	20	81005565	Clear W/White Hose 1 1/2 ID x 55"	2
3	81005103	Weatherstrip 4 1/2"	8	21	81005569	46" 60° Elbow & Pipe Assembly	2
4	81005136	Wing Tube Support	4	22	81005568	76" 90° Elbow & Pipe Assembly	6
5	81005137	Mount Plate	4	23	617176	Hose Clamp 2 1/4 SS	16
6	81005590	Outer Hose Support	2	24	951-001-004	Hex Nut 5/16-18	4
7	81005591	Inner Hose Support	2	25	81005381	Weatherstrip 8"	4
8	614582	Hose Clamp 1 1/16-2	24	26	81005415	Center Tube Support	4
9	81005165	Wing Tube Holder	4	27	950-001-048	Hex Head Cap Screw 3/8-16 x 6 Gr. 5	8
10	81005194	Tube Support	4	28	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	8
11	81005552	Clear W/White Hose 1.5 ID x 75"	2	29	951-001-005	Hex Nut 3/8-16	16
12	81005553	Clear W/White Hose 1.5 ID x 80"	2	30	951-001-008	Hex Nut 5/8-11	8
13	81005554	Clear W/White Hose 1.5 ID x 102"	2	31	951-005-037	Lock Nut 3/4-10 2-Way	4
14	81005557	Clear W/White Hose 1.5 ID x 85"	2	32	952-001-005	Lock Washer 5/8 Med Split SAE	8
15	81005558	Clear W/White Hose 1.5 ID x 87.5"	2	33	952-001-007	Lock Washer 3/8 Med Split SAE	16
16	81005559	Clear W/White Hose 1.5 ID x 91"	2	34	950-001-110	Hex Head Cap Screw 5/16-18 x 1 Gr. 5	4
17	81005561	Corrugated Black Hose 1.5 ID x 52"	2	35	952-001-002	Lock Washer 5/16 Inch	4
18	81005562	Corrugated Black Hose 1.5 ID x 73"	2				

STRIP-TILL DRY FERTILIZER AIR ASSY

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81003020	5/8 U-Bolt	4	22	81005572	96" 90° Elbow & Pipe Assembly	8
2	81005100	Weatherstrip 14"	4	23	617176	Hose Clamp 2 1/4 SS	28
3	81005103	Weatherstrip 4 1/2"	12	24	951-001-004	Hex Nut 5/16-18	6
4	81005136	Wing Tube Support	6	25	81005101	Weatherstrip 10 1/4"	4
5	81005137	Mount Plate	4	26	81005164	Center Tube Support	4
6	81005590	Outer Hose Support	2	27	950-001-048	Hex Head Cap Screw 3/8-16 x 6 Gr. 5	8
7	81005591	Inner Hose Support	2	28	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	8
8	614582	Hose Clamp 1 1/16-2	28	29	951-001-005	Hex Nut 3/8-16	16
9	81005165	Wing Tube Holder	6	30	951-001-008	Hex Nut 5/8-11	8
10	81005194	Tube Support	4	31	951-005-037	Lock Nut 3/4-10 2-Way	6
11	81005552	Clear W/White Hose 1.5 ID x 75"	2	32	952-001-005	Lock Washer 5/8 Med Split SAE	8
12	81005553	Clear W/White Hose 1.5 ID x 80"	2	33	952-001-007	Lock Washer 3/8 Med Split SAE	16
13	81005554	Clear W/White Hose 1.5 ID x 102"	2	34	950-001-110	Hex Head Cap Screw 5/16-18 x 1 Gr. 5	4
14	81005557	Clear W/White Hose 1.5 ID x 85"	2	35	952-001-002	Lock Washer 5/16 Inch	4
15	81005558	Clear W/White Hose 1.5 ID x 87.5"	2	36	81005564	Corrugated Black Hose 1 1/2 ID x 35"	2
16	81005559	Clear W/White Hose 1.5 ID x 91"	2	37	81005570	76" 60° Elbow & Pipe Assembly	2
17	81005561	Corr Black Hose 1.5 ID x 52"	2	38	81005571	73" 90° Elbow & Pipe Assembly	2
18	81005562	Corrugated Black Hose 1.5 ID x 73"	2	39	81005555	Clear W/White Hose 1.5 ID x 81"	2
19	81005563	Corrugated Black Hose 1 1/2 ID x 32"	2	40	81005556	Clear W/White Hose 1.5 ID x 82.5"	2
20	81005565	Clear W/white Hose 1.5 ID x 55"	4	41	81005560	Clear W/White Hose 1.5 ID x 42"	2
21	81005569	46" 60° Elbow & Pipe Assembly	2				

12 Row 30 2" Hose Dry Fertilizer Air Assembly 2009 & Later



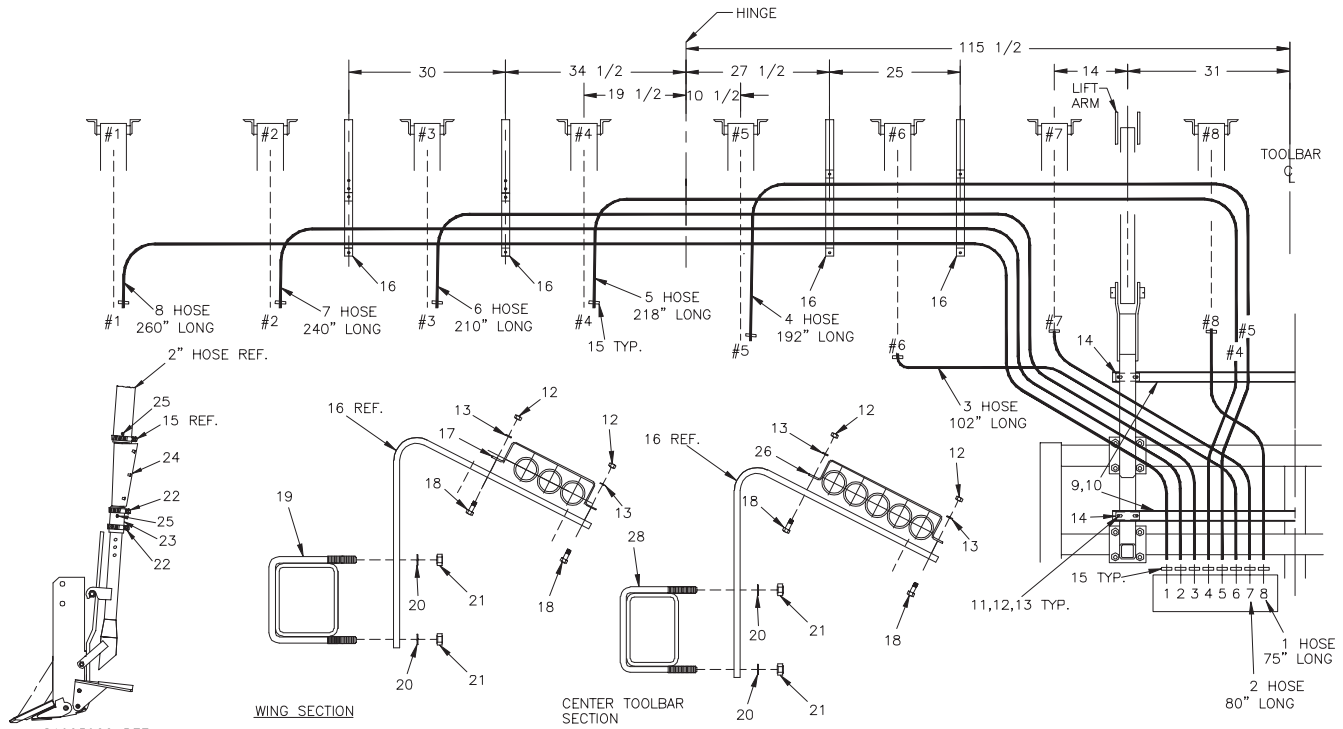
Note:

921-001-539 Clear With White Hose 2" (Sold By The Foot)

DWG. NO. 6413

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81006008	Clear W/White Hose 2 x 75"	2	14	81006016	Hinge Hose Support	4
2	81006009	Clear W/White Hose 2 x 80"	2	15	81005415	Center Tube Support	2
3	81006022	Clear W/White Hose 2 x 172"	2	16	950-001-105	Hex Head Cap Screw 3/8-16 x 1 Gr. 5	8
4	81006023	Clear W/White Hose 2 x 198"	2	17	805-001-332	U-Bolt 5/8	4
5	81006024	Clear W/White Hose 2 x 190"	2	18	952-001-005	Lock Washer 5/8 Inch	8
6	81006010	Clear W/White Hose 2 x 210"	2	19	951-001-008	Hex Nut 5/8-11	8
7	81005590	Outer Hose Support	2	20	614582	Hose Clamp 1 1/16-2	24
8	81005591	Inner Hose Support	2	21	81006017	Clear W/White Hose 1 1/2 x 3 1/4"	12
9	950-001-048	Hex Head Cap Screw 3/8-16 x 6 Gr. 5	8	22	81005770	Diffuser Assembly	12
10	951-001-005	Hex Nut 3/8-16	16	23	031-30078	Slotted Hex Head Self Tapping Screw #8-18 x 1/2	24
11	952-001-007	Lock Washer 3/8	16	24	81006025	Instruction Sheet 12R 30 Assembly	1
12	81005137	Mount Plate	4	25	81005164	Center Tube Support	2
13	617177	Hose Clamp 2 1/2 SS	24	26	81006105	Blanking Plug	4

16 Row 30 2" Hose Dry Fertilizer Air Assembly 2009 & Later



81005900 REF.
1 1/2 GRANULAR FERT.
TUBE DIFFUSER ASSY.

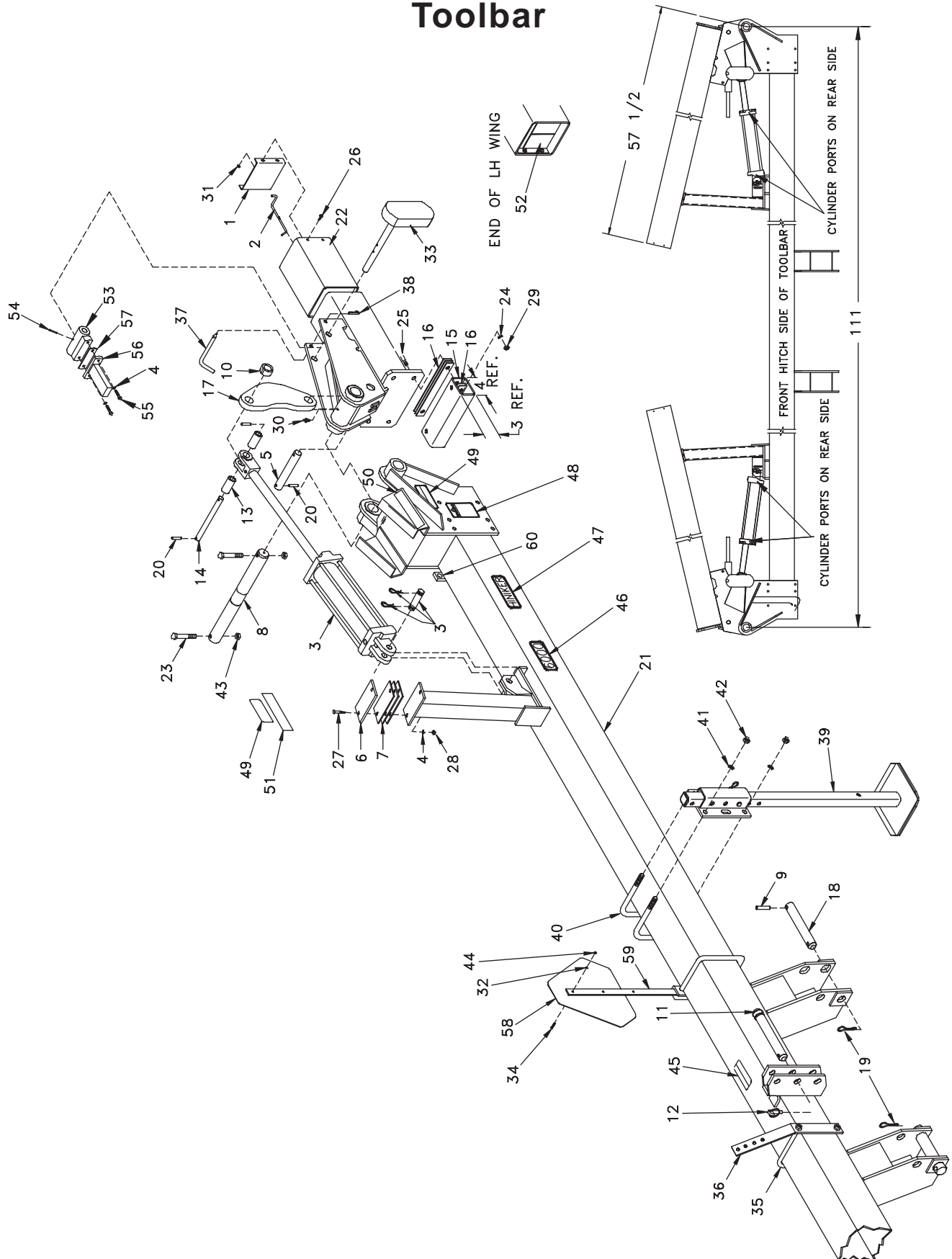
Note:

921-001-539 Clear With White Hose 2" (Sold By The Foot)

DWG. NO. 6412

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81006008	Clear W/White Hose 2 x 75"	2	15	617177	Hose Clamp 2 1/2 SS	32
2	81006009	Clear W/White Hose 2 x 80"	2	16	81006016	Hinge Hose Support	8
3	81006011	Clear W/White Hose 2 x 102"	2	17	81005415	Center Tube Support	4
4	81006012	Clear W/White Hose 2 x 192"	2	18	950-001-105	Hex Head Cap Screw 3/8-16 x 1" Gr. 5	8
5	81006013	Clear W/White Hose 2 x 218"	2	19	805-001-332	U-Bolt 5/8	4
6	61006010	Clear W/White Hose 2 x 210"	2	20	952-001-005	Lock Washer 5/8"	16
7	81006014	Clear W/White Hose 2 x 240"	2	21	951-001-008	Hex Nut 5/8-11	16
8	81006015	Clear W/White Hose 2 x 260"	2	22	614582	Hose Clamp 1 1/16-2	24
9	81005590	Outer Hose Support	2	23	81006017	Clear W/White Hose 1 1/2 X 3 1/4"	16
10	81005591	Inner Hose Support	2	24	81005770	Diffuser Assembly	16
11	950-001-048	Hex Head Screw 3/8-16 x 6 Gr. 5	8	25	031-30078	Slotted Hex Head Self Tapping Screw #8-18 x 1/2	32
12	951-001-005	Hex Nut 3/8-16	24	26	81006018	Center Hose Support	4
13	952-001-007	Lock Washer 3/8 Inch	24	27	81006019	Instruction Sheet 16R 30 Assembly	1
14	81005137	Mount Plate	4	28	81003020	U-Bolt 5/8	4

81005603 8 Row 30 3 Point Mount Dedicated Strip-Till Toolbar

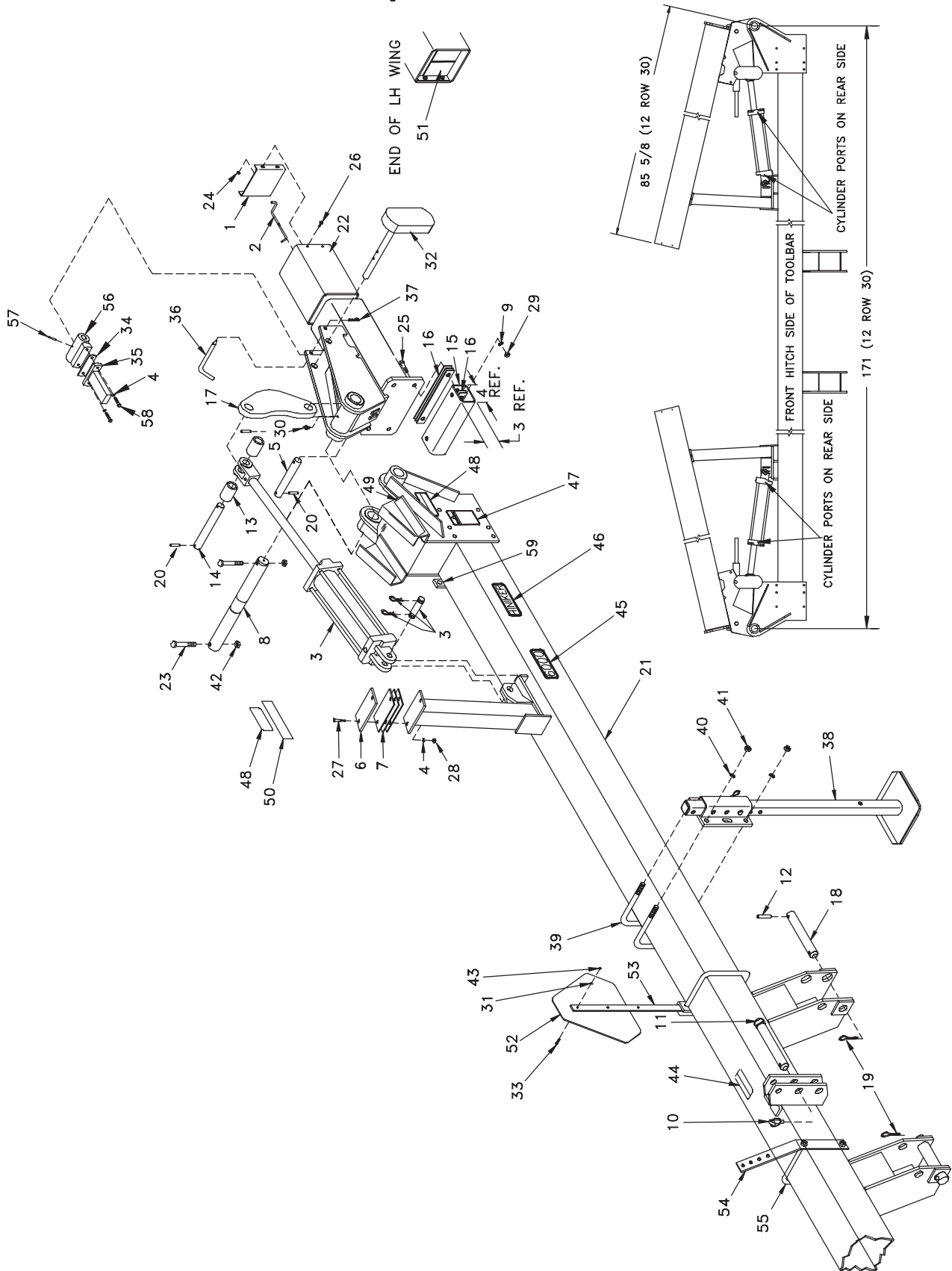


DWG. NO. 6159

				STRIP-TILL TOOLBAR			
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-001-284	End Plate	2	32	952-001-001	Lock Washer 1/4 Med Split SAE	2
2	810-001-475	Block Removing Rod	1	33	81004702	Weight Weldment	2
3	81002580	Cylinder Assembly 3 1/2 x 16 (See Page 78)	2	34	950-001-003	Hex Head Cap Screw 1/4-20 x 1	2
4	952-001-007	Lock Washer 3/8 Inch	4	35	805-001-332	U-Bolt 5/8	1
5	81004234	Pin	2	36	805-001-784	30° Bulkhead Plate	1
6	81004235	Rubber Cushion	2	37	81003042	Pin	2
7	81004236	Stand Shim	6	38	953-005-001	Hair Pin Cotter .120 x 2 3/8	2
8	81004406	Hinge Pin	2	39	81006030	Parking Stand Assembly (Items 40-42)	2
9	953-003-002	Spring Pin 1/2 x 2 1/2	2	40	875-001-038	U-Bolt Plated	4
10	81004351	Bushing	2	41	952-001-006	Lock Washer 3/4 Inch	8
11	81004482	Top Link Pin	1	42	951-001-009	Hex Nut 3/4-10	8
12	81004481	Lynch Pin	1	43	10304	Lock Nut 1/2-13 2-Way	4
13	81004436	Roller	4	44	951-001-003	Hex Nut 1/4-20	2
14	81004437	Pin	2	45	850-002-426	Decal Caution	1
15	81004296	Stop	2	46	81004129	Decal 6000 Series	2
16	81004297	Shim	10	47	81004136	Decal Hiniker	2
17	81004298	Lift Link	2	48	850-001-306	Decal Lift Cylinder	2
18	81004300	Lower Hitch Pin	2	49	850-001-980	Decal-Warning	4
19	81004301	Clinch Pin	2	50	850-001-285	Tape-Yellow Reflector	2
20	953-003-009	Spring Pin 3/8 x 1 3/4	8	51	850-001-305	Tape-Red Reflector	2
21	81005645	Center Toolbar Weldment 8/30	1	52	810-001-473	Decal-Notice	1
22	81004394	Wing Toolbar Weldment 8/30	2		81004309	Decal Bag (Includes Items 45-52)	1
23	950-001-124	Hex Head Cap Screw 1/2-13 x 4 Gr. 5	4	53	81004700	Tube Weldment	2
24	952-001-005	Lock Washer 5/8	4	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 Bolt 5/16-18 x 3/4 Whiz Lock	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	4	59	815-001-004	SMV Strap	1
30	955-001-001	Grease Fitting 1/8-27 NPT	2	60	81005600	Spacer Plate	2
31	951-002-002	Lock Nut 5/16-18 Whiz Lock	8				

STRIP-TILL TOOLBAR

81005604 12 Row 30 3 Point Mount Dedicated Strip-Till Toolbar

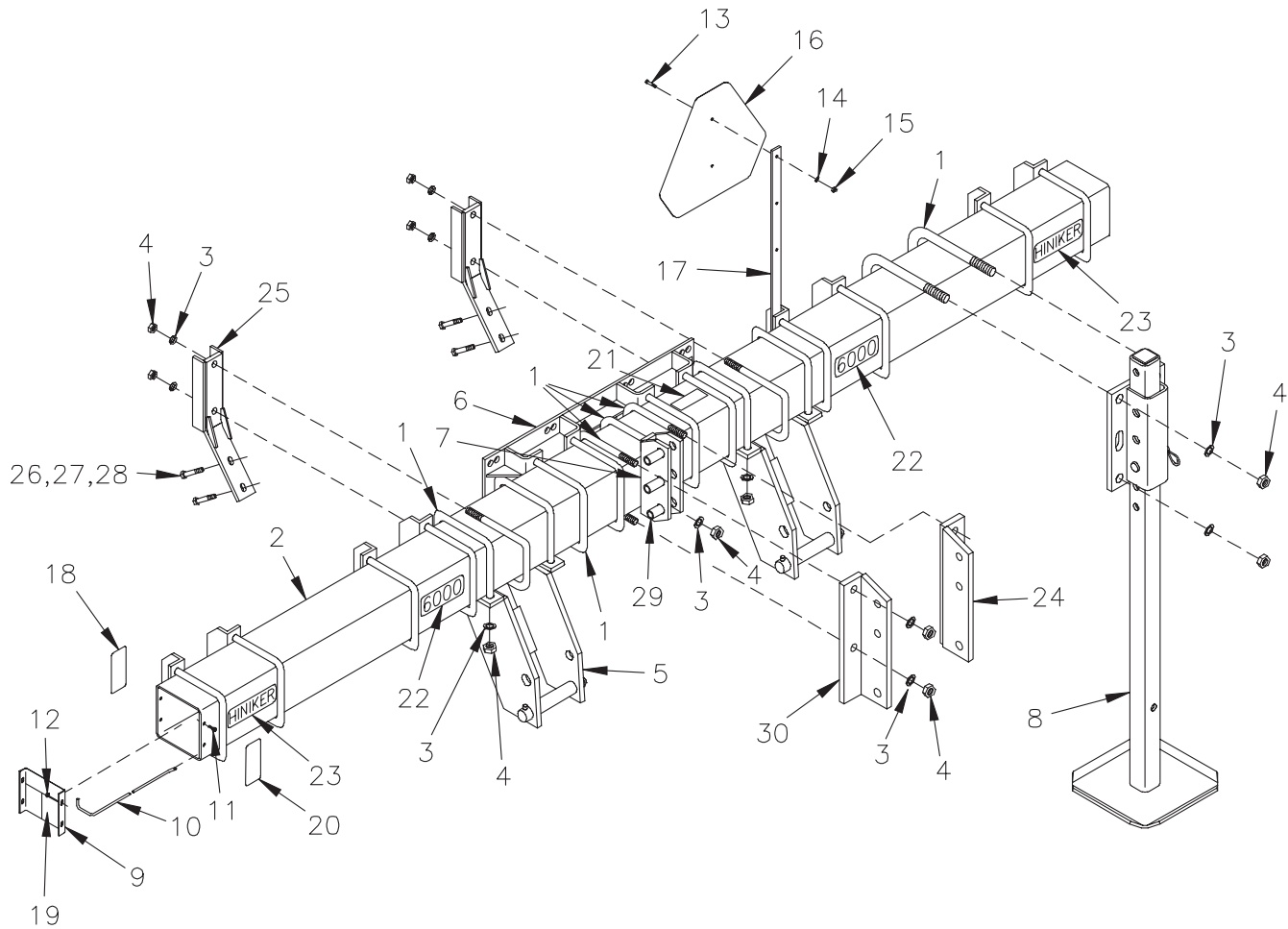


DWG. NO. 6160

				STRIP-TILL TOOLBAR			
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-001-284	End Plate	2	31	952-001-005	Lock Washer 1/4 Med Split SAE	2
2	810-001-475	Block Removing Rod	1	32	81004702	Weight Weldment	2
3	81004342	Cylinder Assembly 4 x 16 (See Page 79)	2	33	950-001-003	Hex Head Cap Screw 1/4-20 x 1	2
4	952-001-007	Lock Washer 3/8 Medium Split SAE	8	34	81004695	Shim	A/R
5	81004234	Pin	2	35	81004697	Lockbar Weldment	2
6	81004235	Rubber Cushion	2	36	81003042	Pin	2
7	81004236	Stand Shim	6	37	953-005-001	Hair Pin Cotter .120 x 3 3/8	2
8	81004406	Hinge Pin	2	38	81006030	Parking Stand Assembly (Includes Items 39-41)	2
9	952-001-005	Lock Washer 5/8 Medium Split SAE	6	39	875-001-038	U-Bolt Plated	2
10	81004481	Lynch Pin	1	40	952-001-006	Lock Washer 3/4 Medium Split SAE	2
11	81004482	Top Link Pin	1	41	951-001-009	Hex Nut 3/4-10	2
12	953-003-002	Spring Pin 1/2 x 2 1/2	2	42	10304	Lock Nut 1/2-13 2-Way	4
13	81004289	Roller	4	43	951-001-003	Hex Nut 1/4-20	2
14	81004290	Pin	2	44	850-002-426	Decal Caution	1
15	81004296	Stop	2	45	81004129	Decal 6000 Series	2
16	81004297	Shim	10	46	81004136	Decal Hiniker	2
17	81004298	Lift Link	2	47	850-001-306	Decal Lift Cylinder	2
18	81004300	Lower Hitch Pin	2	48	850-001-980	Decal-Warning	4
19	81004301	Clinch Pin	2	49	850-001-285	Tape-Yellow Reflector	2
20	953-003-009	Spring Pin 3/8 x 1 3/4 Slotted	8	50	850-001-305	Tape-Red Reflector	2
21	81005648	Center Toolbar Weldment 12/30	1	51	810-001-473	Decal-Notice	1
22	81004392	Wing Toolbar Weldment 12/30	2		81004309	Decal Bag (Includes Items 44-51)	
23	950-001-124	Hex Head Cap Screw 1/2-13 x 4	4	52	850-001-354	SMV Sign	1
24	951-002-002	Flat Whiz Lock Nut 5/16-18	8	53	815-001-004	SMV Strap	1
25	950-001-185	Hex Head Cap Screw 5/18-11 x 2 1/4 Gr. 5	4	54	805-001-784	30° Bulkhead Plate	1
26	950-002-006	Hex Head Flange Bolt 5/16-18 Whiz Lock	8	55	805-001-332	U-Bolt 5/8	1
27	950-003-009	Carriage Bolt 3/8-16 x 1 3/4	4	56	81004700	Tube Weldment	2
28	951-001-005	Hex Nut 3/8-16	4	57	701-30022	Spring Pin 3/16 x 2	2
29	951-001-008	Hex Nut 5/8-11	6	58	950-001-108	Hex Bolt 3/8-16 x 1 1/2	4
30	955-001-001	Grease Fitting 1/8-27 NPT	2	59	81005600	Spacer Plate	2

STRIP-TILL TOOLBAR

Rigid Toolbar 12 Row 22

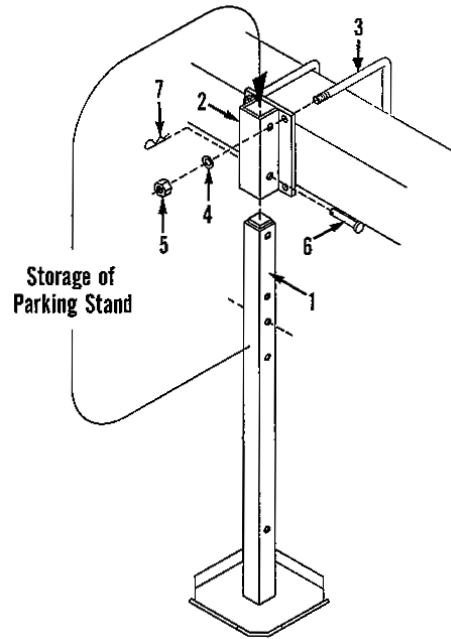


DWG. NO. 6161

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	875-001-038	U-Bolt 3/4	A/R	17	815-001-004	SMV Mount Strap	1
2	810-002-237	Toolbar (258")	1	18	850-001-305	Tape Reflector (Red)	2
3	952-001-006	Lock Washer 3/4 Inch	A/R	19	810-001-473	Notice Decal	1
4	951-001-009	Hex Nut 3/4-10	A/R	20	850-001-285	Tape Reflector (Yellow)	2
5	81005476	Lower Hitch Assembly (Includes Items 1, 3, & 4) (See Pg. 95)	1	21	850-002-426	Caution Decal	1
6	81005477	Center Set Back Weldment	1	22	81004129	6000 Decal	2
7	81005420	Mount Plate Weldment	1	23	81004136	Hiniker Decal	2
8	81006030	Parking Stand Assembly (Includes Items 1, 3, & 4) (See Pg. 95)	2	24	81005416	LH Center Toolbar Bracket Weldment	1
9	810-001-284	End Plate	2	81004181	Decal Bag (Includes Items 18-23)		
10	810-001-475	Block Removing Rod	1	25	810-002-212	Support Weldment	2
11	950-002-006	Hex Head Flange Bolt 5/16 x 3/4 Whiz Lock	8	26	950-001-185	Hex Head Cap Screw 5/8-11 x 2 1/4 Gr. 5	4
12	951-002-002	Lock Nut 5/16-18 Whiz Lock	8	27	952-001-005	Lock Washer 5/8 Inch	4
13	950-001-003	Hex Head Cap Screw 1/4-20 x 1	2	28	951-001-008	Hex Nut 5/8-11	4
14	952-001-001	Lock Washer 1/4 Inch	2	29	81005200	Spacer 3 3/16	3
15	951-001-003	Hex Nut 1/4-20	2	30	81005417	RH Center Toolbar Bracket Weldment	1
16	850-001-354	SMV Sign	1				

STRIP-TILL TOOLBAR

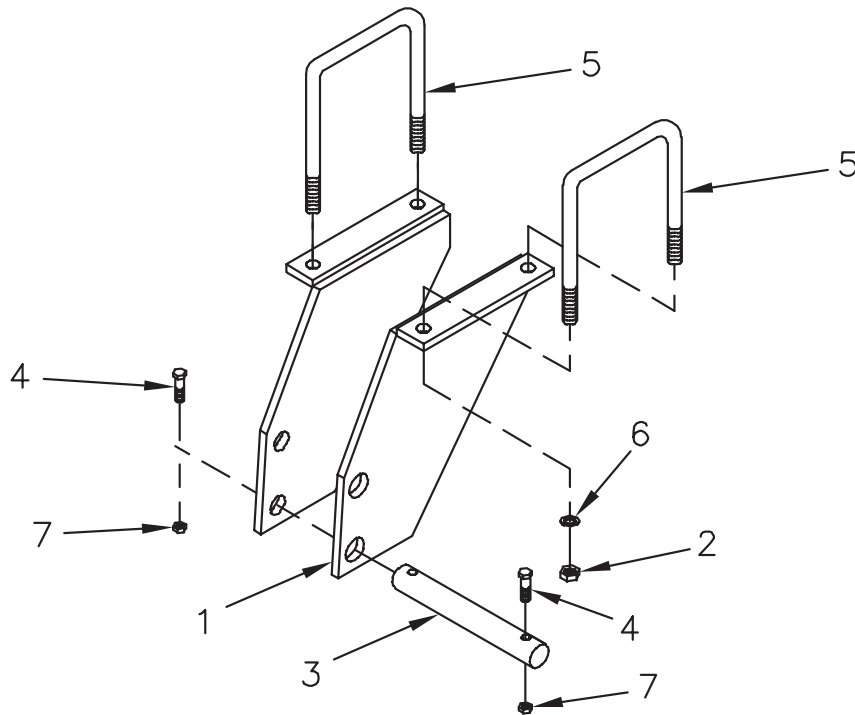
Parking Stand



DWG. NO. 1384

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 Inch	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

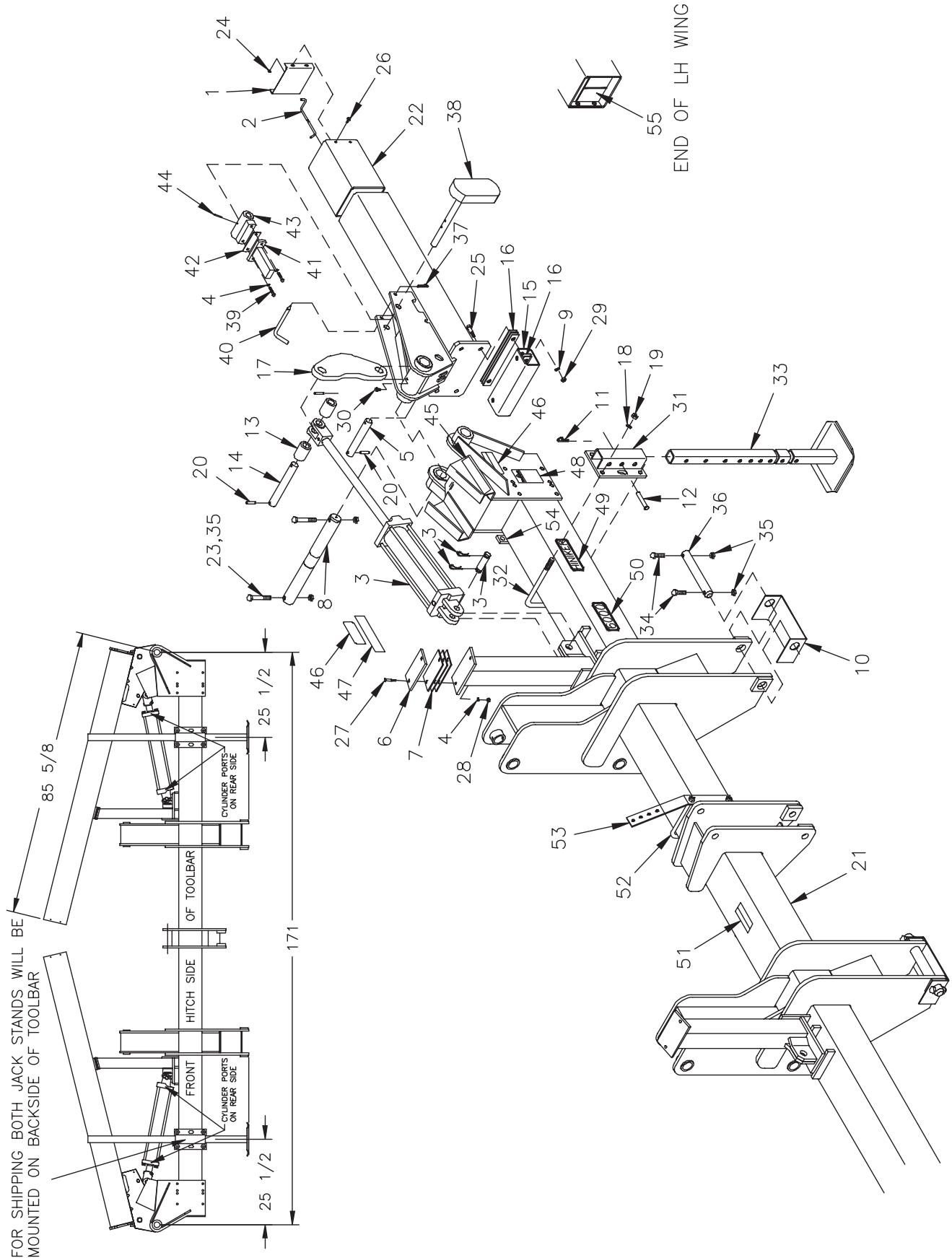
Bolt On Lower Hitch Assembly



DWG. NO. 6154

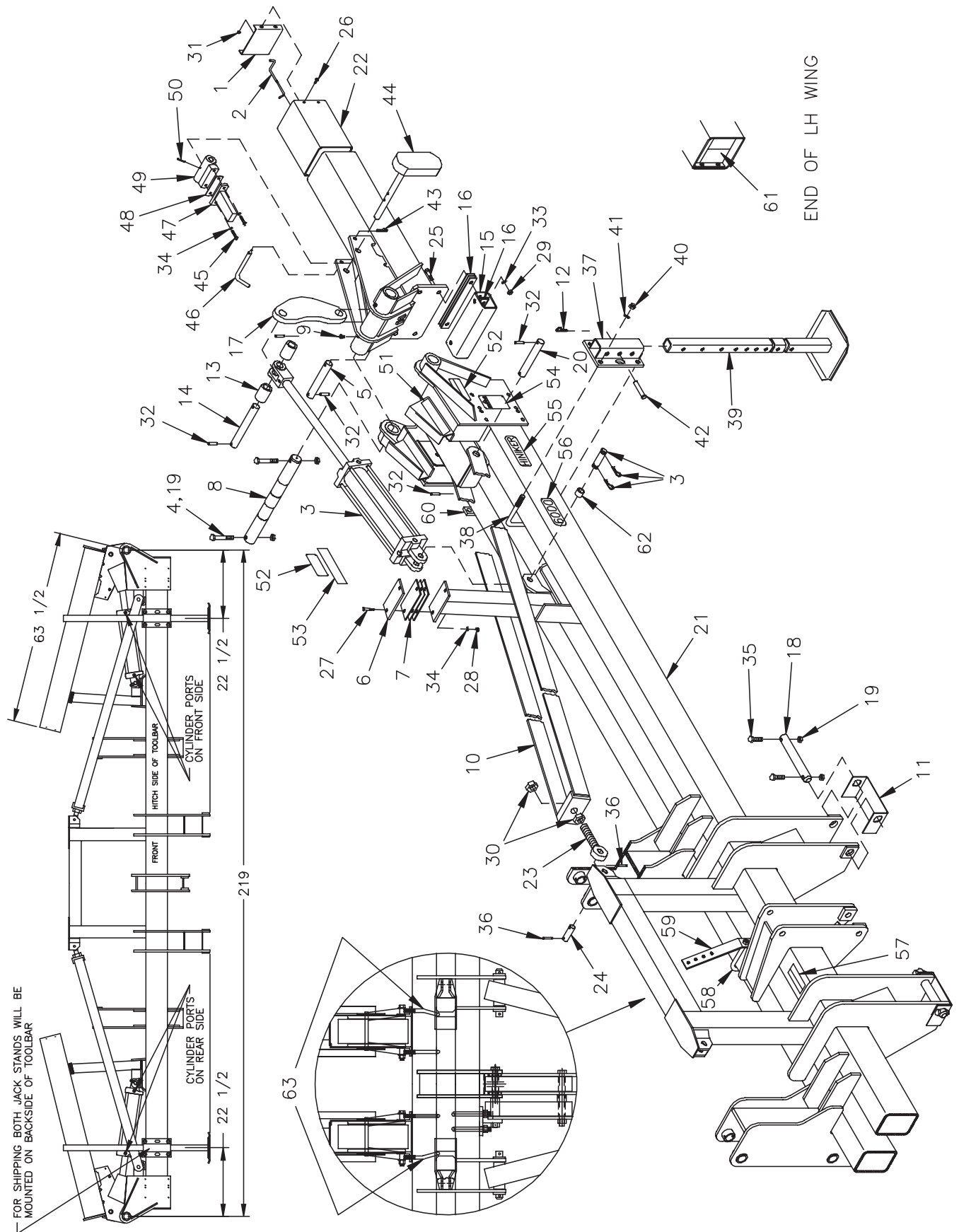
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005475	Lower Hitch Weldment	1	5	875-001-038	3/4 U-Bolt	2
2	951-001-009	Hex Nut 3/4-10	4	6	952-001-006	Lock Washer 3/4	4
3	81004300	Lower Hitch Pin	1	7	10304	Lock Nut 1/2-13 2-Way	2
4	950-001-112	Hex Head Cap Screw 1/2-13 x 2 Gr. 5	2				

Folding Toolbar 12 Row 30



				STRIP-TILL TOOLBAR			
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-001-284	End Plate	2	29	951-001-008	Hex Nut 5/8-11	4
2	810-001-475	Block Removing Rod	1	30	955-001-001	Grease Fitting 1/8-27 NPT	2
3	81004342	4 x 16 Cylinder Assembly (See Page 79)	2	31	805-001-847	Mount Bracket Weldment	2
4	952-001-007	Lock Washer 3/8 Inch	8	32	875-001-038	U-Bolt Plated	4
5	81004234	Pin	2	33	81006028	Stand Weldment	2
6	81004235	Rubber Cushion	2	34	950-001-112	Hex Head Cap Screw 1/2-13 x 2 Gr. 5	4
7	81004236	Stand Shims	6	35	10304	Lock Nut 1/2-13 2-Way	8
8	81004406	Hinge Pin	2	36	81005203	Lower Hitch Pin	2
9	952-001-005	Lock Washer 5/8 Inch	4	37	953-005-001	Hair Pin Cotter .120 x 2 3/8	2
10	81005392	Hitch Stand	2	38	81004702	Weight Weldment	2
11	953-005-001	Hair Pin Cotter .120 x 2 3/8	2	39	950-001-108	Hex Head Cap Screw 3/8-16 1 1/2 Gr. 5	4
12	953-002-021	Clevis Pin 5/8 x 3 1/2	2	40	81003042	Pin	2
13	81004289	Roller	4	41	81004697	Lockbar Weldment	2
14	81004290	Pin	2	42	81004695	Shim	4
15	81004296	Stop	2	43	81004700	Tube Weldment	2
16	81004297	Shim	10	44	701-30022	Spring Pin 3/16 x 2	2
17	81004298	Lift Link	2	45	850-001-285	Tape-Yellow Reflector	2
18	952-001-006	Lock Washer 3/4 Med Split SAE	8	46	850-001-980	Decal-Warning	4
19	951-001-009	Hex Nut 3/4-10	8	47	850-001-305	Tape-Red Reflector	2
20	953-003-009	Spring Pin 3/8 x 1 3/4	8	48	850-001-306	Decal Lift Cylinder	2
21	81005338	Center Toolbar Weldment 12/30	1	49	81004136	Decal Hiniker	2
22	81004392	Wing Toolbar Weldment	2	50	81004129	Decal 6000 Series	2
23	950-001-124	Hex Head Cap Screw 1/2-13 x 4 Gr. 5	4	51	850-002-426	Decal-Caution	1
24	951-002-002	Hex Flange Nut 5/16-18 Whiz Lock	8	52	805-001-332	U-Bolt	1
25	950-001-185	Hex Head Cap Screw 5/8-11 x 2 1/4 Gr. 5	4	53	805-001-784	30° Bulkhead Plate	1
26	950-002-006	Hex Head Flange Bolt 5/16-18 x 3/4 Whiz Lock	8	54	81005600	Spacer Plate	2
27	030-16071	Carriage Bolt 3/8-16 x 1 3/4 Gr. 5	4	55	810-001-473	Decal Notice	2
28	951-001-005	Hex Nut 3/8-16	4				

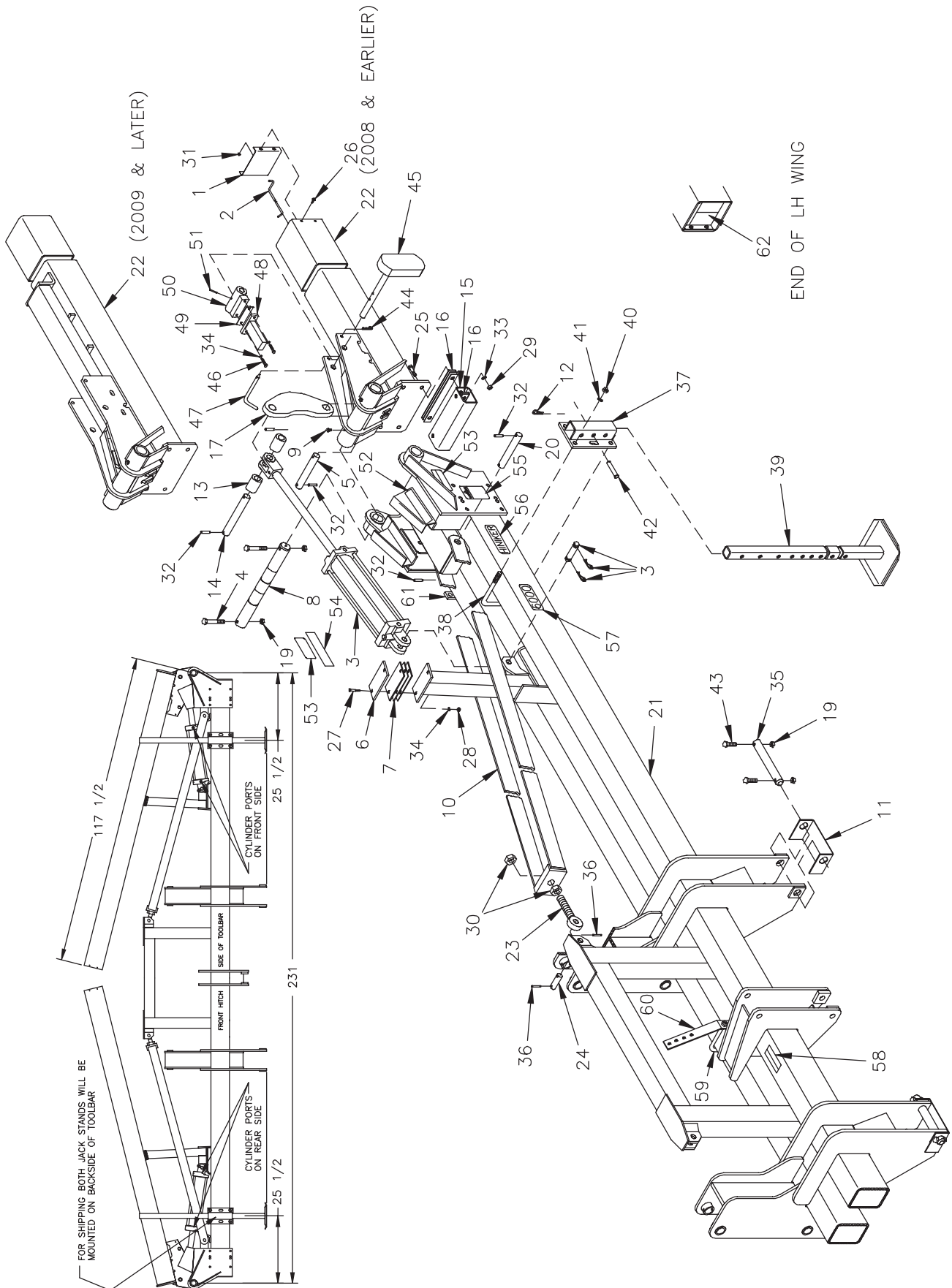
Folding Toolbar 16 Row 22



DWG. NO. 6157

				STRIP-TILL TOOLBAR			
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-001-284	End Plate	2	33	952-001-005	Lock Washer 5/8 Inch	4
2	810-001-475	Block Removing Rod	1	34	952-001-007	Lock Washer 3/8 Inch	8
3	81004342	4 x 16 Cylinder Assembly (See Page 79)	2	35	950-001-112	Hex Head Cap Screw 1/2-13 x 2 Gr. 5	4
4	950-001-124	Hex Head Cap Screw 1/2-13 x 4 Gr. 5	4	36	953-003-003	Spring Pin 1/4 x 1 3/4	4
5	81004234	Pin	2	37	805-001-847	Mount Bracket Weldment	2
6	81004235	Rubber Cushion	2	38	875-001-035	7 13/16 U-Bolt 6 3/4 Long	4
7	81004236	Stand Shims	6	39	81006028	Stand Weldment	2
8	81004246	Hinge Pin	2	40	951-001-009	Hex Nut 3/4-10	8
9	955-001-001	Grease Fitting 1/8-27 NPT	4	41	952-001-006	Lock Washer 3/4 Med Split SAE	8
10	81005397	Strap Weldment (16 Row 22)	2	42	953-002-021	Clevis Pin 5/8 x 3 1/2	2
11	81004800	Hitch Stand	2	43	953-005-001	Hair Pin Cotter .120 x 3 3/8	2
12	953-005-001	Hair Pin Cotter .120 x 2 3/8	2	44	81004702	Weight Weldment	2
13	81004289	Roller	4	45	950-001-108	Hex Head Cap Screw 3/8-16 x 1 1/2 Gr. 5	4
14	81004290	Pin	2	46	81003042	Pin	2
15	81004296	Stop	2	47	81004697	Lockbar Weldment	2
16	81004297	Shim	10	48	81004695	Shim	4
17	81004298	Lift Link	2	49	81004700	Tube Weldment	2
18	81005203	Lower Hitch Pin	2	50	701-30022	Spring Pin 3/16 x 2	2
19	10304	Lock Nut 1/2-13 2-Way	8	51	850-001-285	Tape-Yellow Reflector	2
20	81004302	Pin	2	52	850-001-980	Decal-Warning	4
21	81005402	Center Toolbar Weldment 16/22	1	53	850-001-305	Tape-Red Reflector	2
22	81005408	Wing Toolbar Weldment 16/22	2	54	850-001-306	Decal Lift Cylinder	2
23	850-002-503	Eye Bolt 1 1/4-7	2	55	81004136	Decal Hiniker	2
24	865-001-042	Control Arm Link Pin	2	56	81004129	Decal 6000 Series	2
25	950-001-185	Hex Head Cap Screw 5/8-11 x 2 1/4 Gr. 5	4	57	850-002-426	Decal-Caution	1
26	950-002-006	Hex Head Flange Bolt 5/16-18 x 3/4 Whiz Lock	8	58	805-001-332	U-Bolt	1
27	030-16071	Carriage Bolt 3/8-16 x 1 3/4 Gr. 5	4	59	805-001-784	30° Bulkhead Plate	1
28	951-001-005	Hex Nut 3/8-16	4	60	81005600	Spacer Plate	2
29	951-001-008	Hex Nut 5/8-11	4	61	810-001-473	Decal Notice	2
30	951-001-022	Hex Nut 1 1/4-7	4	62	81004351	Bushing	2
31	951-002-002	Hex Flange Nut 5/16-18 Whiz Lock	8	63	81006166	Formed U-Bolt	2
32	953-003-009	Spring Pin 3/8 x 1 3/4	12				

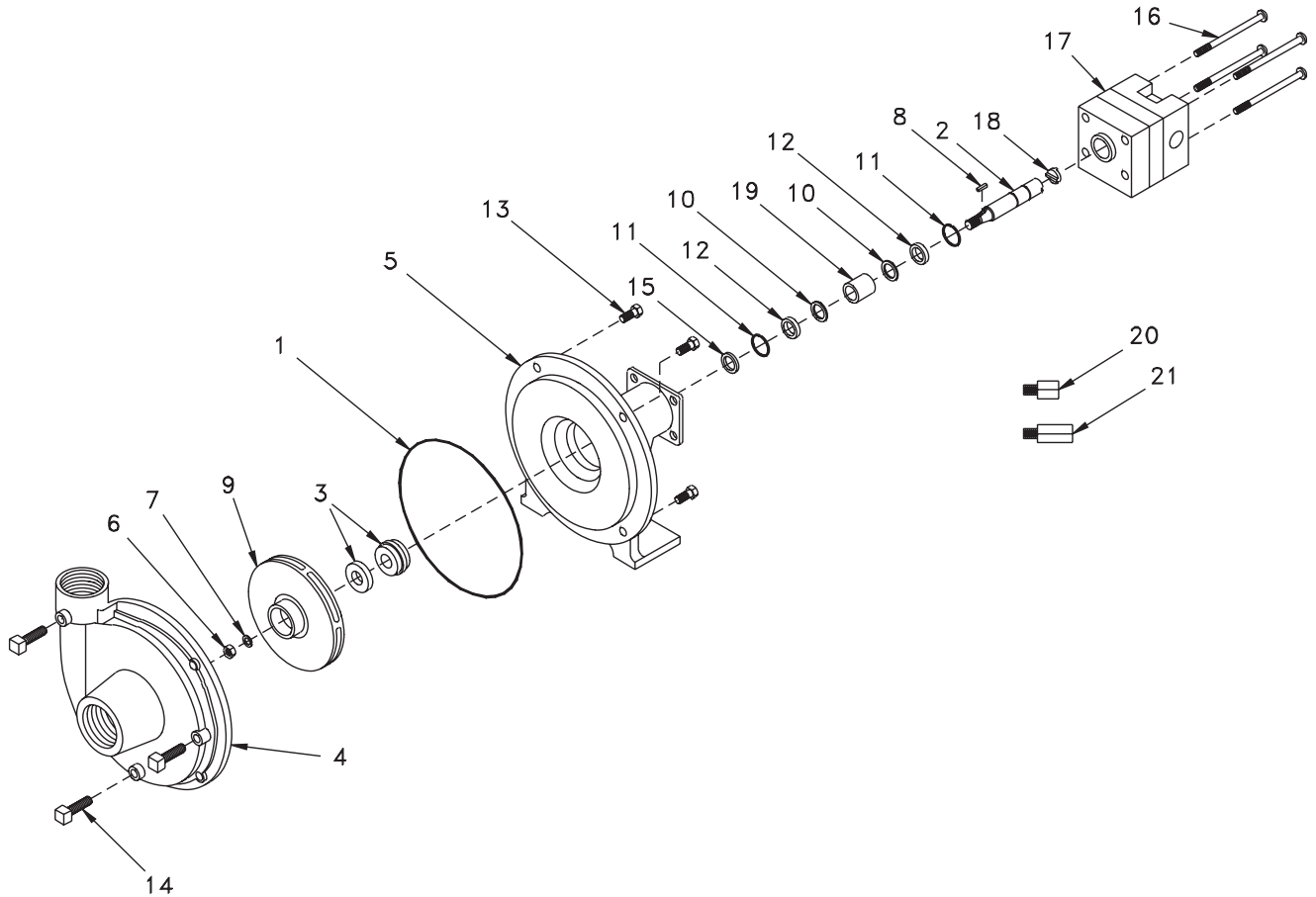
Folding Toolbar 16 Row 30



DWG. NO. 6158

				STRIP-TILL TOOLBAR			
REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	810-001-284	End Plate	2	32	953-003-009	Spring Pin 3/8 x 1 3/4	12
2	810-001-475	Block Removing Rod	1	33	952-001-005	Lock Washer 5/8 Inch	4
3	81004872	5 x 16 Cylinder Assembly (See Page 79)	2	34	952-001-007	Lock Washer 3/8 Inch	8
4	950-001-124	Hex Head Cap Screw 1/2-13 x 4 Gr. 5	4	35	81005203	Lower Hitch Pin	2
5	81004234	Pin	2	36	953-003-003	Spring Pin 1/4 x 1 3/4	4
6	81004235	Rubber Cushion	2	37	805-001-847	Mount Bracket Weldment	2
7	81004236	Stand Shims	6	38	875-001-035	7 13/16 U-Bolt 6 3/4	4
8	81004246	Hinge Pin	2	39	81006028	Stand Weldment	2
9	955-001-001	Grease Fitting 1/8-27 NPT	4	40	951-001-009	Hex Nut 3/4-10	8
10	81005395	Strap Weldment (16 Row 30)	2	41	952-001-006	Lock Washer 3/4 Med Split SAE	8
11	81005392	Hitch Stand	2	42	953-002-021	Clevis Pin 5/8 x 3 1/2	2
12	953-005-001	Hair Pin Cotter .120 x 2 3/8	2	43	950-001-112	Hex Head Cap Screw 1/2-13 x 2 Gr. 5	4
13	81004289	Roller	4	44	953-005-001	Pin Hair Cotter .120 x 3 3/8	2
14	81004290	Pin	2	45	81004702	Weight Weldment	2
15	81004296	Stop	2	46	950-001-108	Hex Head Cap Screw 3/8-16 x 1 1/2 Gr. 5	4
16	81004297	Shim	10	47	81003042	Pin	2
17	81004298	Lift Link	2	48	81004697	Lockbar Weldment	2
18	81004300	Lower Hitch Pin	2	49	81004695	Shim	4
19	10304	Lock Nut 1/2-13 2-Way	8	50	81004700	Tube Weldment	2
20	81004302	Pin	2	51	701-30022	Spring Pin 3/16 x 2	2
21	81005336	Center Toolbar Weldment 16/30	1	52	850-001-285	Tape-Yellow Reflector	2
22	81004307	Wing Toolbar Weldment 16/30 2008 & Earlier	2	53	850-001-980	Decal-Warning	4
	81006042	Wing Toolbar Weldment 16/30 2009 & Earlier	2	54	850-001-305	Tape-Red Reflector	2
23	850-002-503	Eye Bolt 1 1/4-7	2	55	850-001 -306	Decal Lift Cylinder	2
24	865-001-042	Control Arm Link Pin	2	56	81004136	Decal Hiniker	2
25	950-001-185	Hex Head Cap Screw 5/8-11 x 2 1/4 Gr. 5	4	57	81004129	Decal 6000 Series	2
26	950-002-006	Hex Head Flange Bolt 5/16-18 x 3/4 Whiz Lock	8	58	850-002-426	Decal-Caution	1
27	030-16071	Carriage Bolt 3/8-16 x 1 3/4 Gr. 5	4	59	805-001-332	U-Bolt	1
28	951-001-005	Hex Nut 3/8-16	4	60	805-001-784	30° Bulkhead Plate	1
29	951-001-008	Hex Nut 5/8-11	4	61	81005600	Spacer Plate	2
30	951-001-022	Hex Nut 1 1/4-7	4	62	810-001-473	Decal Notice	2
31	951-002-002	Hex Flange Nut 5/16-18 Whiz Lock	8				

Ace Hydraulic Centrifugal Pump

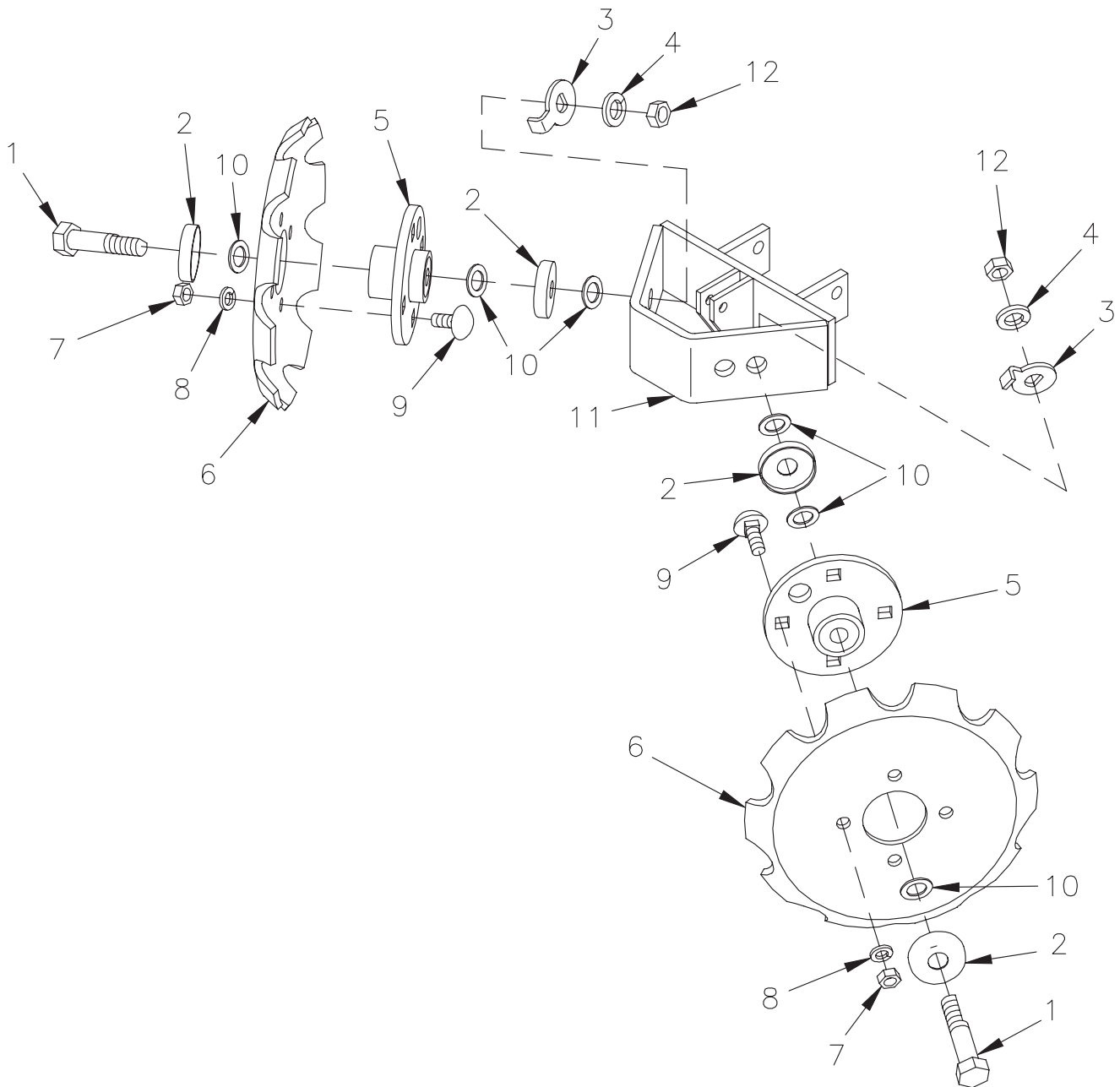


#624025 Hydraulic Centrifugal Pump Ace #FMC-150-HYD-206

DWG. NO. 3385A

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	624026	O-Ring Volute	1	15	608694	Slinger	1
2	608714	Drive Shaft, 5/8	1	16	950-001-217	Hex Head Cap Screw 5/16-18 x 3 3/4 GR. 5	4
3	608691	Seal And O-Ring	1	17	624030	Hydraulic Motor	1
4	624027	Volute	1	18	608719	Coupling	1
5	624028	Mounting Frame	1	19	624031	Shaft Spacer	1
6	624788	Hex Nut 3/8-24 NFSS Ace	1		627109	Repair Kit For Hydraulic Motor Ace #RK-BAC-75-HYD-L	
7	608716	Lock Washer 3/8	1		624032	Repair Kit For Pump Ace #RK-FMC-150 (Consist Of Item 1 And 3)	1
8	608685	1/8 x 1/8 x 112 Key	1		627082	Restrictor 3/8" (Closed Center Hydraulics Pressure Compensated)	1
9	624029	Impeller	1		627081	Flow Limiting Valve (Load Sensing Closed Center Systems)	1
10	608697	External Snap Ring	2	20			
11	608696	Internal Snap Ring	2	21			
12	602343	Ball Bearing	2				
13	950-001-006	Hex head Cap Screw 3/8-16 x 3/4 GR. 2	4				
14	203-51152	Pipe Plug	3				

81005820 2 Row, Row Cleaner Disc Lock Bolt Kit

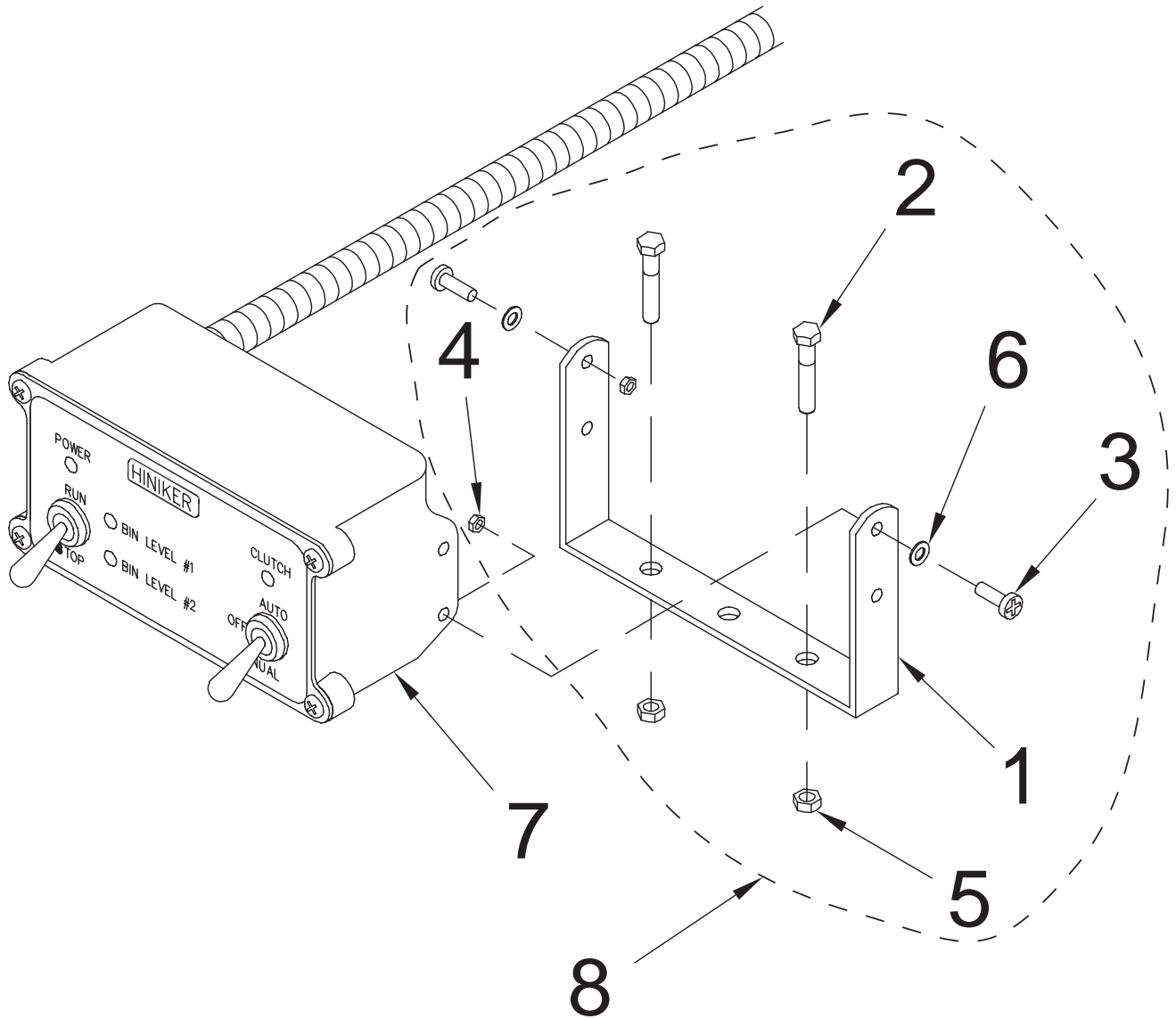


NOTE: 81005820 2 Row, Row Cleaner Disc Lock Bolt Kit
Consists Of These Parts *.

DWG. NO. 6281

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005816	Locking Hex Bolt *	4	7	951-001-007	Nut Hex 1/2-13	16
2	81004802	Dust Cap (8 Required For 2 Row) *	4	8	952-001-004	Lock Washer 1/2	16
3	81005815	Locking Tab *	4	9	950-003-028	Carriage Bolt 1/2-13 x 1 1/4 Gr. 5	16
4	952-001-006	Lock Washer 3/4 *	4	10	952-004-079	Mach Bushing 49/64 x 1 1/4 x .075 Harden *	12
5	81004407	Hub W/Bearing Assembly	4	11	81005243	Push Frame Weldment	2
6	81004935	Notched Disc 12"	4	12	951-001-009	Hex Nut 3/4-10 *	4

Console And Mounting Hardware 2007 & Later

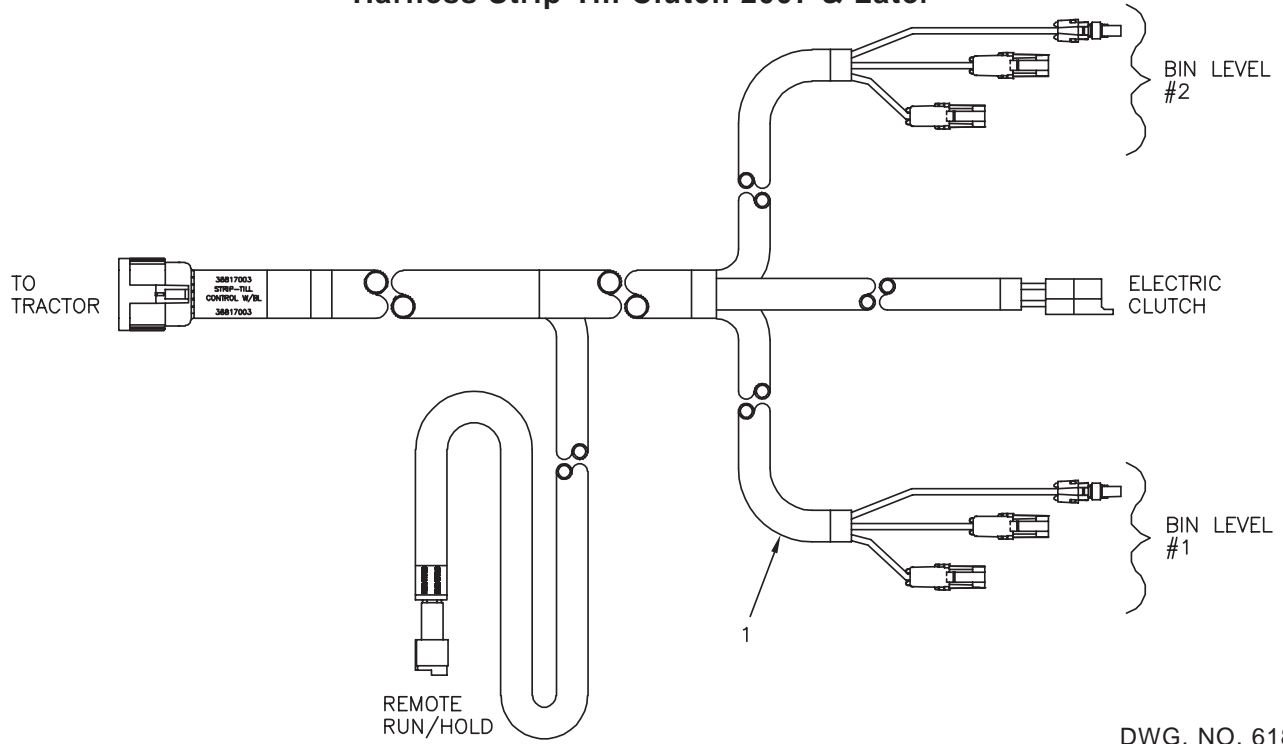


DWG. NO. 6180

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	79201699	Mount Bracket	1	5	951-002-001	Lock Nut 1/4-20 Whiz Lock	3
2	950-002-004	Hex Head Flange Bolt 1/4-20 x 1 Whiz Lock	2	6	952-004-033	Lock Washer #8 Internal Star	3
3	950-004-069	Mach Screw #8-32 x 1/2 Phillips Pan Head	3	7	36017002	Clutch Box Strip-Till With Bin Level	1
4	951-001-012	Hex Nut #8-32	3	8	79201729	Mount Bag Console (Item 1-6)	A/R

STRIP-TILL ELECTRICAL

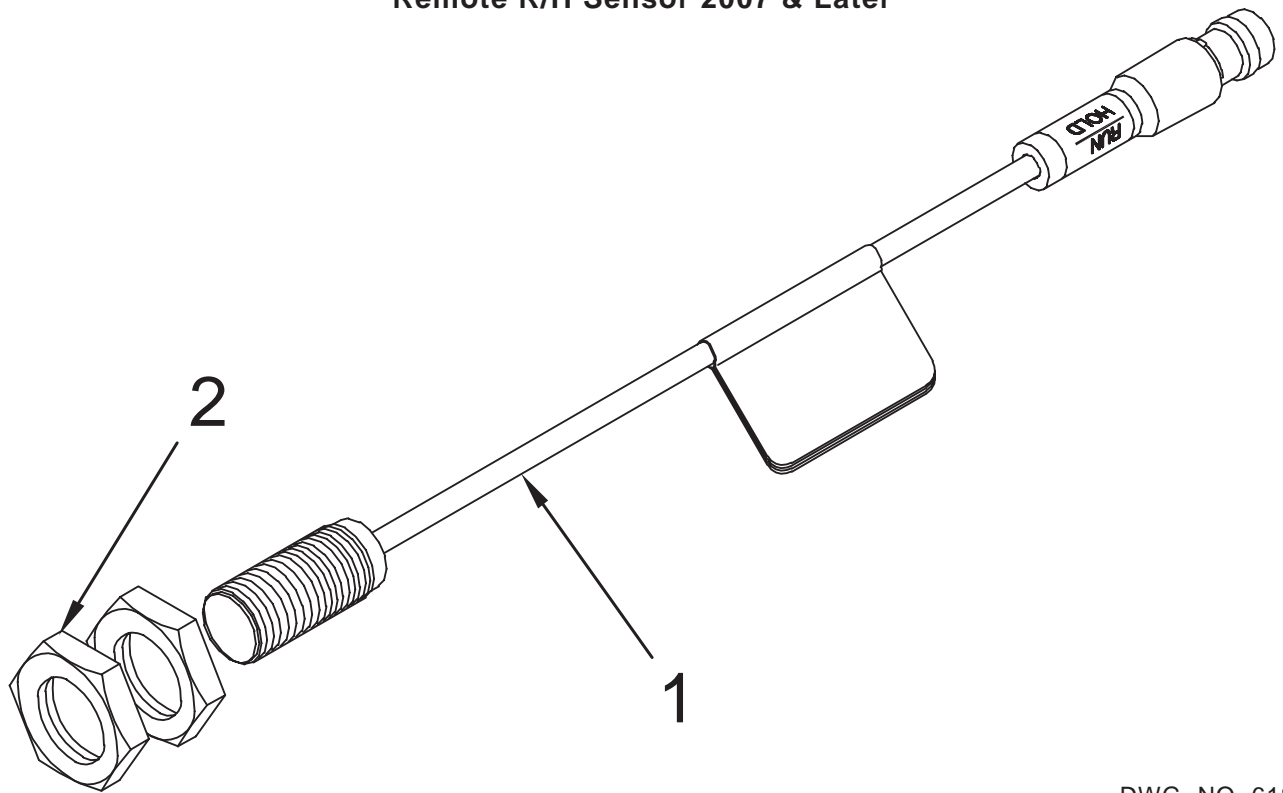
Harness Strip-Till Clutch 2007 & Later



DWG. NO. 6181

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	38817003	Harness Strip-Till Clutch W/Bin Level	1				

Remote R/H Sensor 2007 & Later

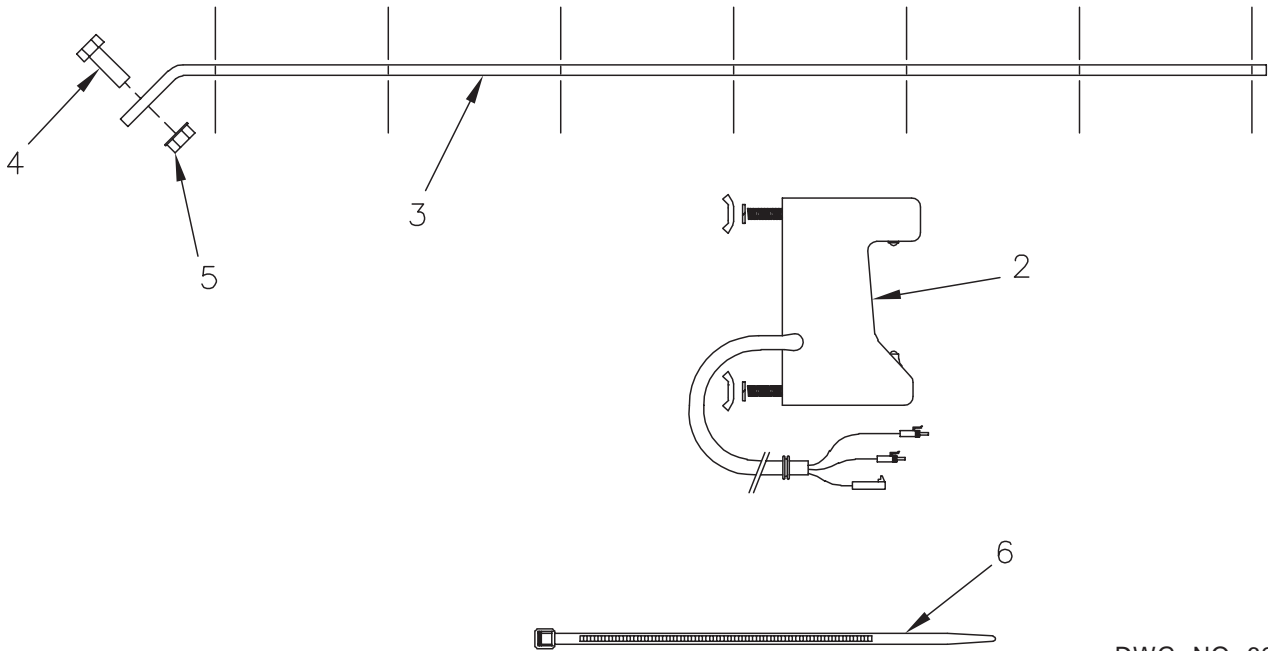


DWG. NO. 6182

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	38815019	Remote R/H Sensor W/12" Cable Includes 2 Nuts	1	2	367-001-007	Nylon Nut	2

STRIP-TILL ELECTRICAL

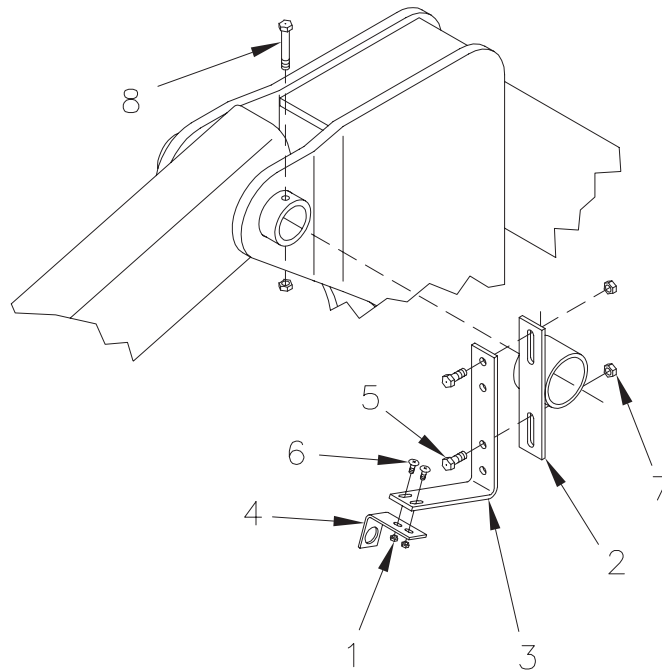
Bin Level 2007 & Later



DWG. NO. 6286

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	36017005	Bin Level Kit (Includes Items 2-6)	A/R	4	950-001-117	Hex Head Cap Screw 1/4-20 x 3/8 Gr. 5	2
2	39411002	Bin Level Sensor (Includes Items 4 and 5)	1	5	951-002-001	Lock Nut 1/4-20 Whiz Lock	2
3	81005822	Bin Level Support Bracket	1	6	367-001-011	Cable Tie 14 1/2 Inches	5

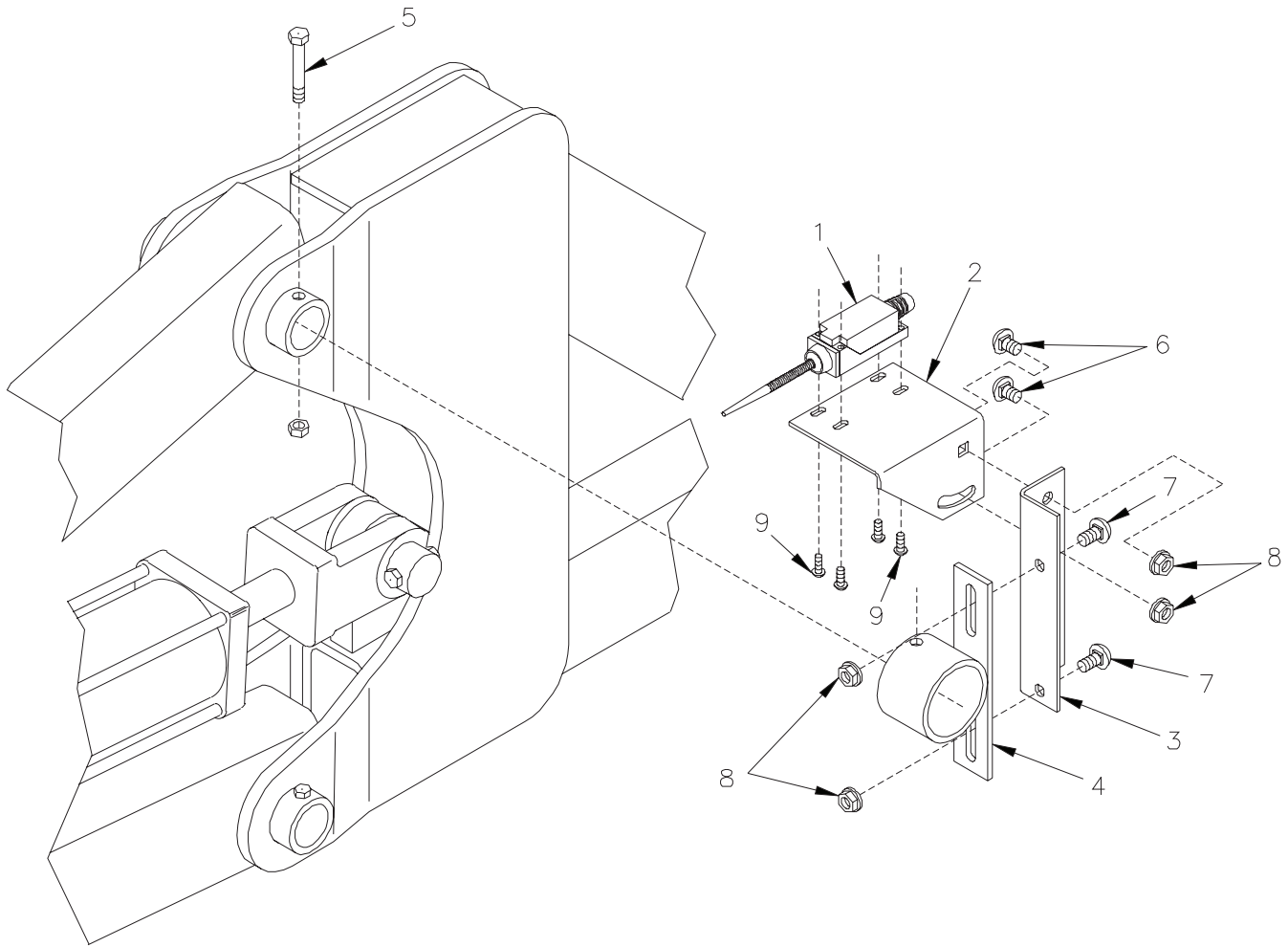
1 1/2 Hose Remote R/H Sensor 2007 & Later



DWG. NO. 6177

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	951-002-008	Nut #10-32 Flanged Whiz Lock	2	6	950-004-097	Mach Screw #10-32 x 1/2 Phillips Pan head	2
2	81005444	Mount Weldment	1	7	951-002-002	Nut 5/16-18 Flanged Whiz Lock	2
3	81005445	Mount Strap	1	8	031-06063	Hex Head Cap Screw 5/16-18 x 3 Gr. 5	1
4	81005587	Sensor Mount Bracket	1	9	81005588	Run/Hold Mount Bracket Kit (Items 1-8)	A/R
5	950-001-113	Hex Head Cap Screw 5/16-18 x 3/4 Gr. 5	2				

2" Hose Remote Run/Hold Sensor Split Tank Variable Drive 2009 & Later



DWG. NO. 6501

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	38380006	Switch Limit Coil Spring SPDT	1	6	950-003-002	Carriage Bolt 5/16-18 x 1/2 Gr. 5 Short Shank	2
2	81006054	Top Mount Bracket	1	7	030-16041	Carriage Bolt 5/16-18 x 3/4 Gr. 5	2
3	81006055	Vertical Mount Bracket	1	8	951-002-002	Nut 5/16-18 Flanged Whiz Lock	4
4	81005444	Mount Weldment	1	9	950-004-097	Machine Screw #10-32 x 1/2 Phillips Pan Head	4
5	031-06063	Hex Head Cap Screw 5/16-18 x 3 Gr. 5	1				

Run/Hold Mounting 2006

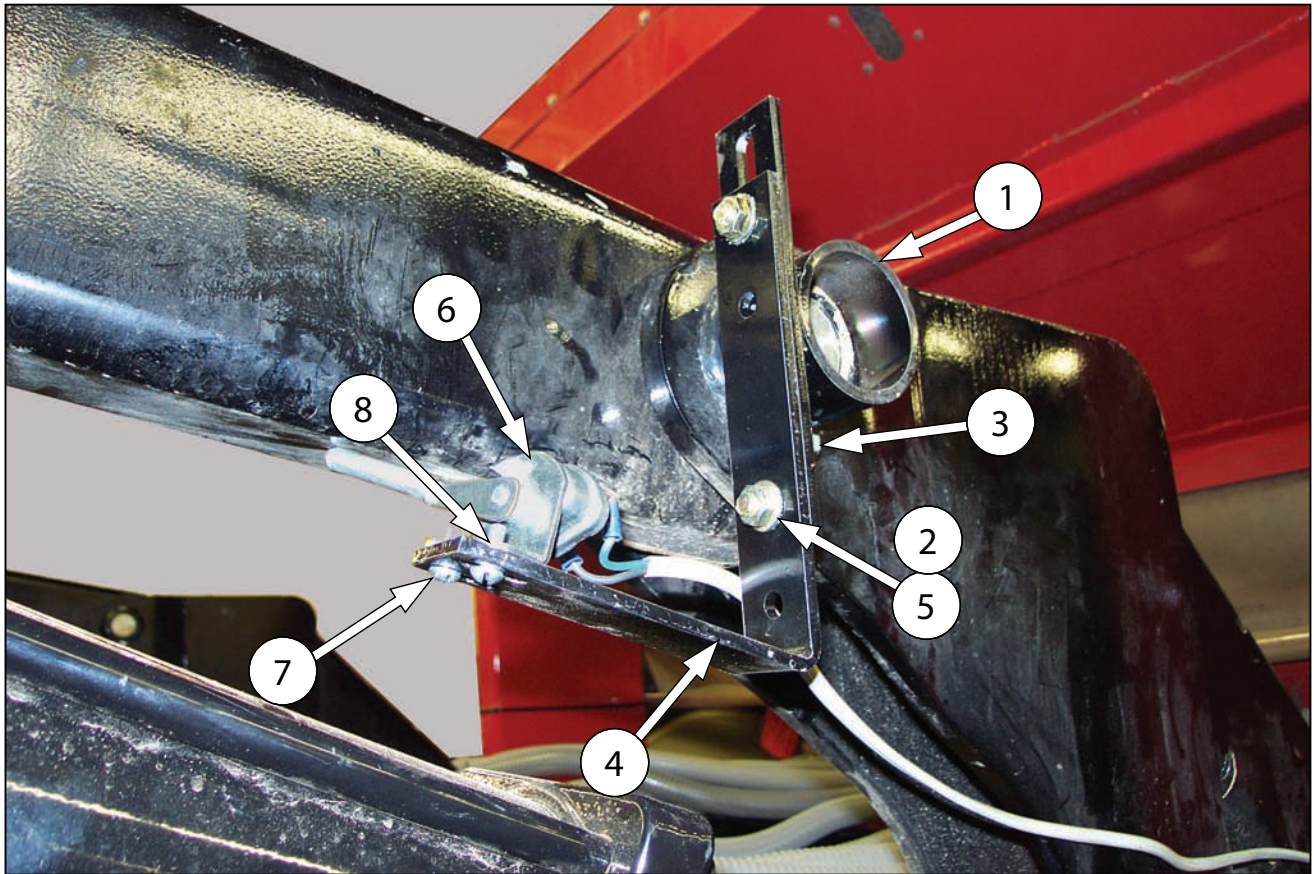
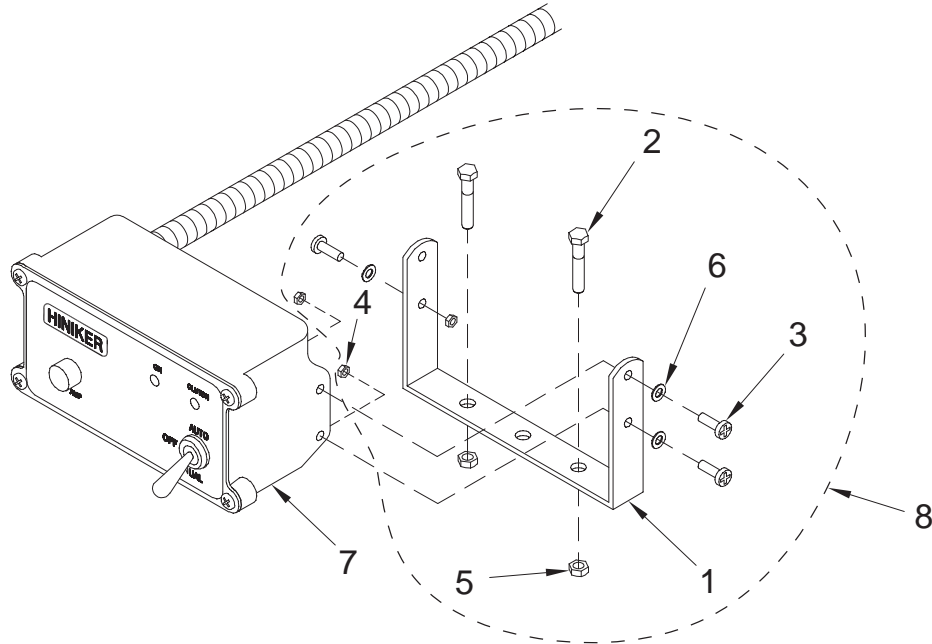


PHOTO NO. DCP0770B

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81005444	Mount Weldment	1	5	951-002-002	Lock Nut 5/16-18 Whiz Lock	2
2	950-001-113	Hex Head Cap Screw 5/16-18 x 3/4 Gr. 5	2	6	38380005	Switch	1
3	031-06063	Hex Head Cap Screw 5/16-18 x 3 Gr. 5	1	7	950-004-097	Machine Screw #10-32 x 1/2 Phillips Head	2
4	81005445	Mount Strap	1	8	951-002-008	Lock Nut #10-32 Whiz Lock	2

STRIP-TILL ELECTRICAL

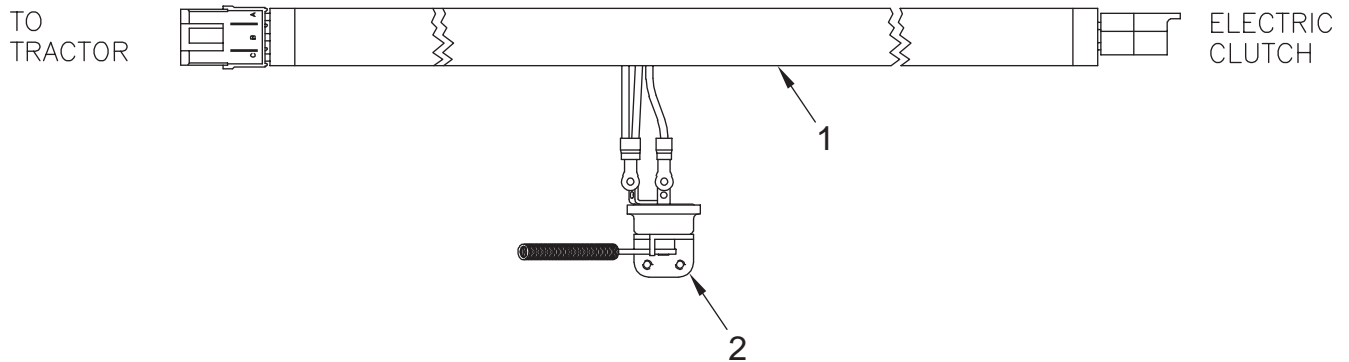
Console And Mounting 2006



DWG. NO. 6187

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	79201699	Mount Bracket	1	5	951-002-001	Lock Nut 1/4-20 Whiz Lock	3
2	950-002-004	Hex Head Flange Bolt 1/4-20 x 1 Whiz Lock	2	6	952-004-033	Lock Washer #8 Internal Star	3
3	950-004-069	Mach Screw #8-32 x 1/2 Phillips Pan Head	3	7	36017000	Clutch Box Strip Till	1
4	951-001-012	Hex Nut #8-32	3	8	79201729	Mount Bag Console (Items 1-6)	A/R

Harness Strip-Till Clutch 2006

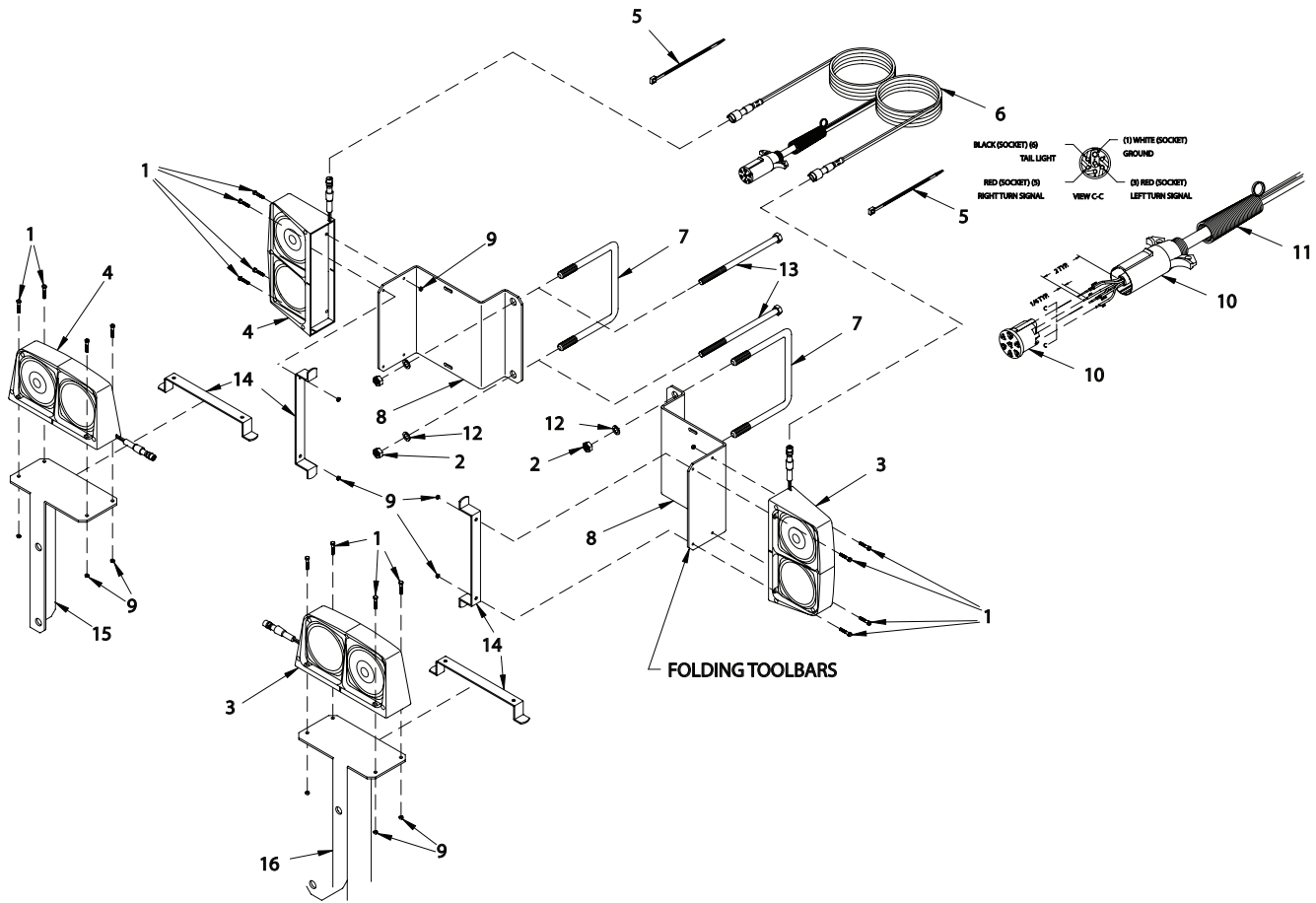


DWG. NO. 6188

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	38817000	Harness Strip-Till Clutch (Includes Switch)	1	2	38380005	Switch	1

STRIP-TILL ELECTRICAL

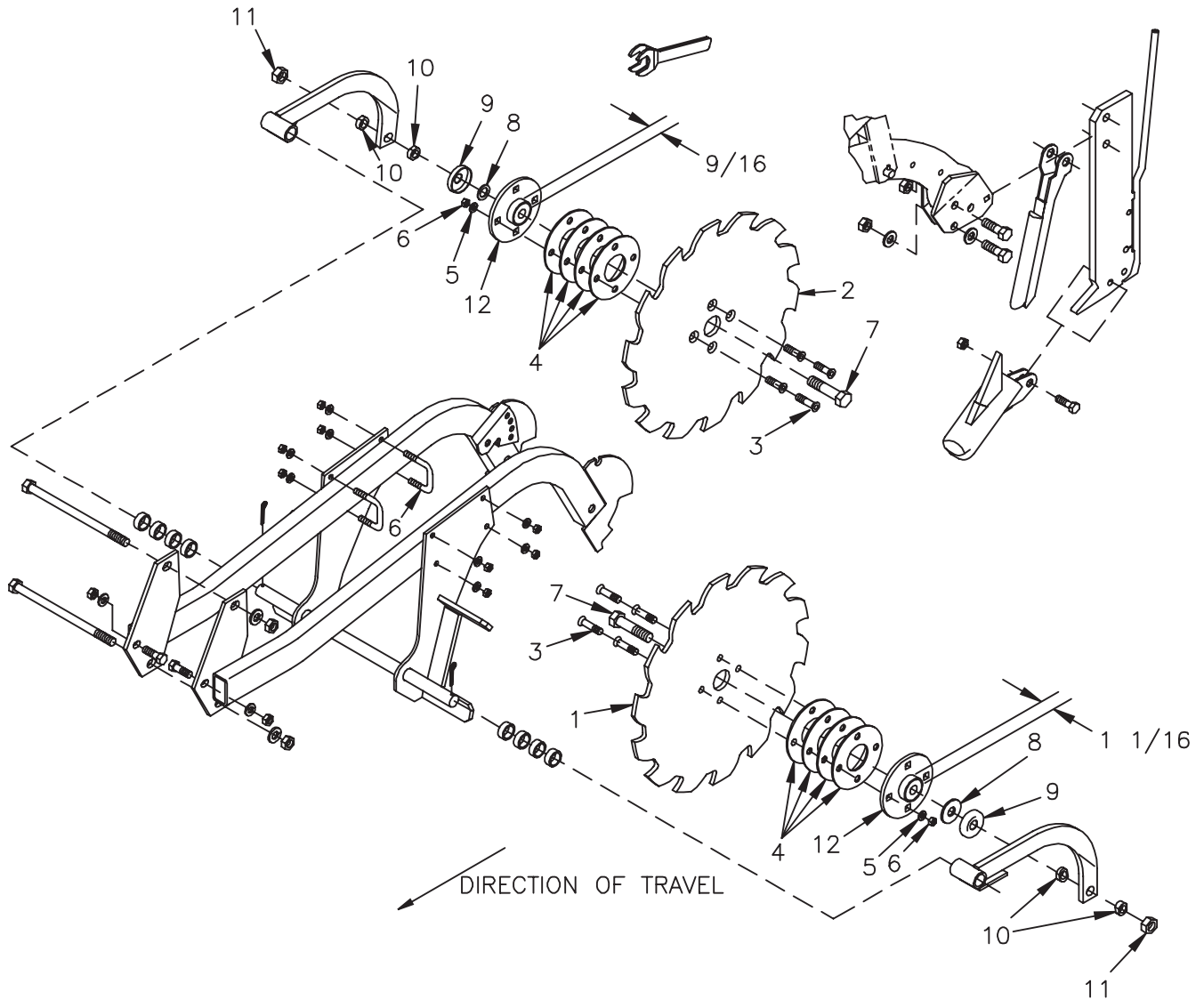
36013003 Warning Light Kit 6000ST Strip-Till



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	9	034-05150	Lock Nut 1/4 Stover	8
2	951-001-009	Hex Nut 3/4-10	4	10	38450002	Connector Plug 7 Pin	1
3	36100000	Implement Light LH Assembly	1	11	38400004	Strain Relief Spring	1
4	36100001	Implement Light RH Assembly	1	12	952-001-006	Lock Washer 5/8 Med	8
5	921-001-145	Cable Tie Black 21 Inch	16	13	950-001-264	Hex Head Cap Screw 3/4-10 x 9 1/2 Gr. 5	4
6	38809029	Light Harness Cult 16' (Includes 10 & 11)	1	14	624960	Cord Carrier	2
	38817004	Light Harness Cult 23' (Includes 10 & 11)	1	15	81003527	RH Warning Light Bracket	1
7	875-001-038	U-Bolt 5/8 x 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

81006067 19" Diameter Notched Poly Disc Kit



81006067 Notched Poly Disc Kit Consist Of These Parts*

DWG. NO. 6514

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	81006065*	RH 19" Diameter Notched Poly Disc	1	7	062060	Hex Head Cap Screw 3/4-10 x 4 1/4 Gr. 5	2
2	81006066*	LH 19" Diameter Notched Poly Disc	1	8	952-004-003	Machine Bushing 49/64 X 1 1/4 x .075	2
3	700-20091*	Hex Socket Flat Head 1/2-13 x 1 3/4 Gr. 5	8	9	81004802	Dust Cap	2
4	805-001-015*	Back Up Washer	8	10	81005256	Angle Washer	4
5	952-001-004	Reuse These Parts 5 Thru 12	8	11	951-005-037	Lock Nut 3/4-10 2-Way	2
6	951-001-007	Lock Washer 1/2	8	12	81004407	Hub W/Bearing Assembly	2
		Hex Nut 1/2-13	8				