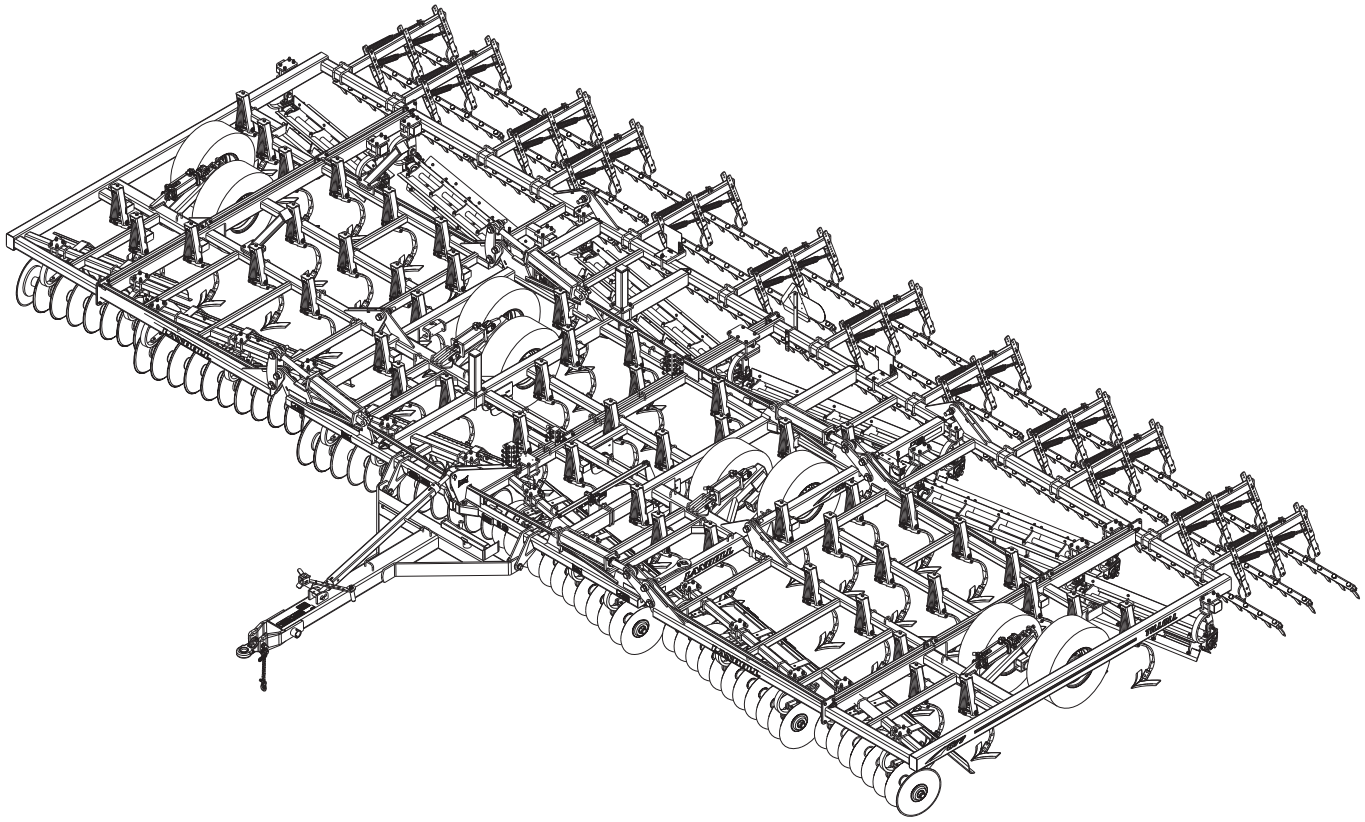
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Model 877 Tilloll
Parts Manual

Serial Number: 01B2002332 to Present



LANDOLL COMPANY, LLC
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Marysville, Kansas 66508
(785) 562-5381
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Manuals for the 877 Tilloll

MANUAL NUMBER	MANUAL NAME
F-1072	877 Operator’s Manual
F-1073	877 Parts Manual

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Instructions for Ordering Parts

**** Repair parts must be ordered through an Authorized Dealer ****

DEALER INSTRUCTIONS FOR ORDERING PARTS FROM LANDOLL PARTS DISTRIBUTION CENTER

Phone #: 800-423-4320 or 785-562-5381 **Fax #: 888-527-3909**

Order online: dealer.landoll.com

IDENTIFICATION PLATE

See Figure 1-1 The identification plate, which lists the model number and serial number, is located on the front of the center frame.

SERIAL NUMBER NOMENCLATURE

The serial number for the Landoll 877 Tilloll is located on the identification plate.

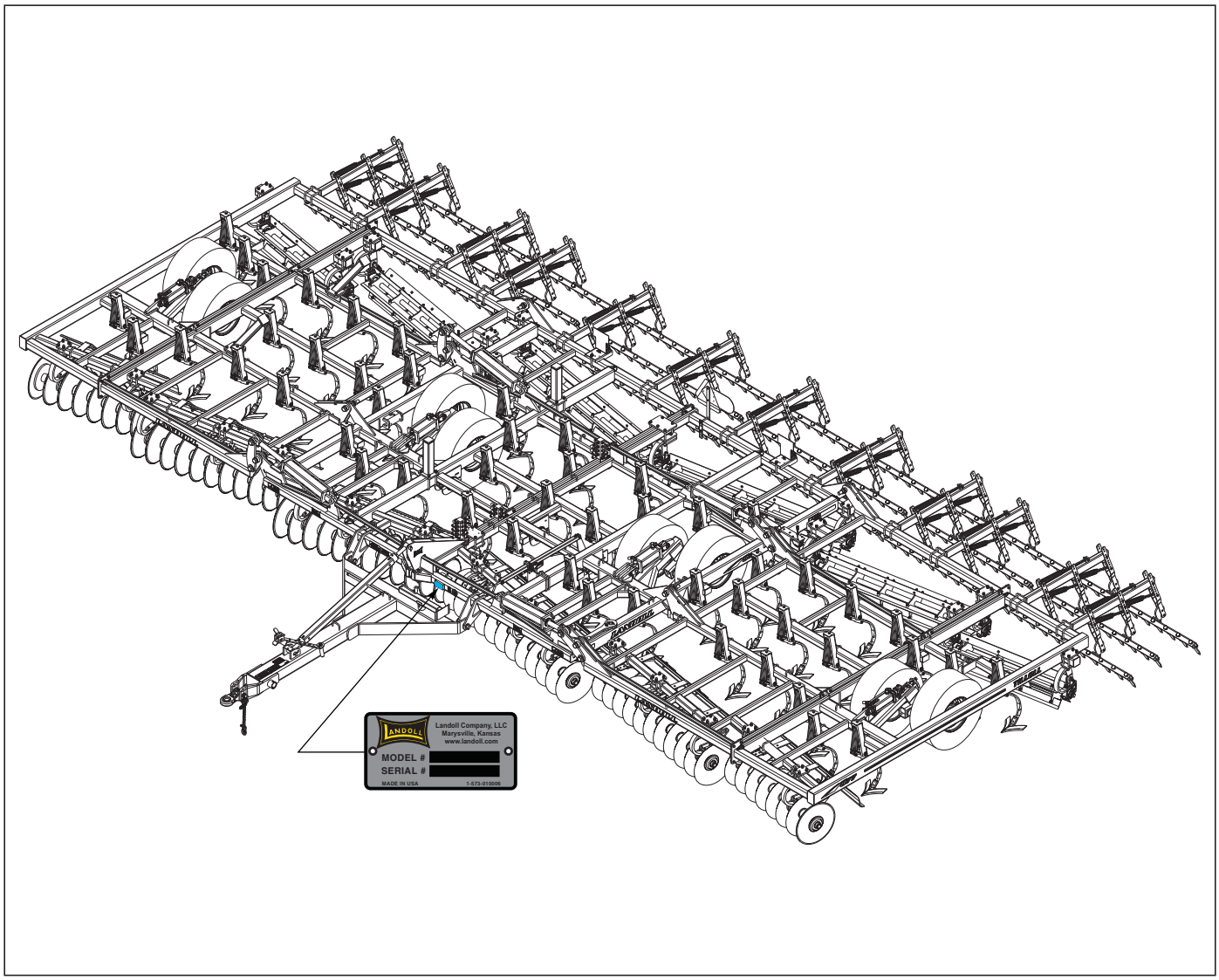


Figure 1-1: Identification Plate

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Center Frames

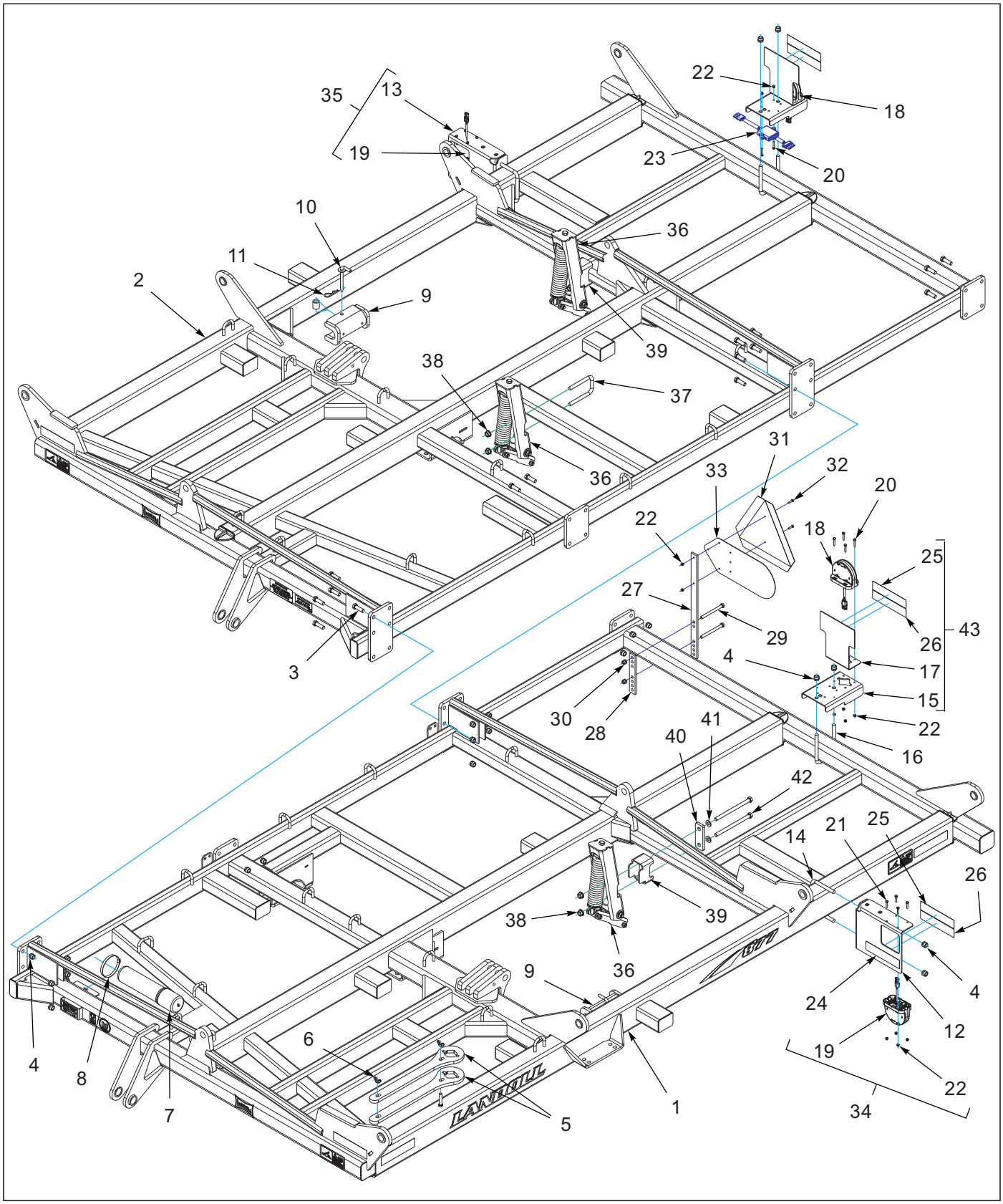


Figure 1-2: Center Frame Assembly

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Center Frame Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	229585	FRAME WLDMT, LH CENTER 30'	1
1	225513	FRAME WLDMT, LH CENTER 35'-40'	1
2	229586	FRAME WLDMT, RH CENTER 30'	1
2	225514	FRAME WLDMT, RH CENTER 35'-40'	1
3	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	20
4	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	28
5	2-217-010033	WRENCH COULTER GANG NUT	2
6	1-533-010001	1/2-13 WING NUT 20 TYPE A	2
7	1-116-010019	BOX, MANUAL STORAGE	1
8	105-0093	HOSE CLAMP 4-1/2 IDEAL #5264	1
9	2-459-010038	LOCKOUT, DROP-IN 2IN RODX8	2
10	2-557-010053	PIN LOCKOUT	2
11	1-557-010013	PIN, HAIR 3/16 DIA	2
12	222135	MOUNT, LH LED LIGHT	1
13	222134	MOUNT, RH LED LIGHT	1
14	2-102-010032	U BOLT CENTER SHANK MT.	2
15	164138	MOUNT, LIGHT TAIL	2
16	141228	U-BOLT 5/8X4X6-1/2	2
17	164139	MOUNT, REFLECTOR	2
18	174435	LAMP, AG RED SINGLE LED	2
19	174436	LAMP, AG AMBER SINGLE LED	2
20	1-654-010047-08	SCREW HX CP,1/4-20UNCX1-1/2G5	8
21	1-654-010047-07	SCREW,HX CP 1/4-20UNCX1-1/4G5	8
22	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	20
23	174437	MODULE, AG FLASHER CONTROL	1
24	528934	REFLECTOR - YELLOW	2
25	528938	STRIPE, ORANGE	4
26	528933	REFLECTOR - RED	4
27	108830	BRACKET, MOUNTING, SMV	1
28	2-054-010461	BAR, WARNING LIGHTS	1
29	1-654-010055-16	SCREW HEX CAP 1/2-13X5-1/2GR5	2
30	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	2
31	70260977	SMV EMBLEM	1
32	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
33	224590	MOUNT, SIS DECAL	1
34	222133	LIGHT ASSY, LH LED AMBER **(INCLUDES ITEMS 12, 19, 21-22, 24-26)**	1
35	222132	LIGHT ASSY, RH LED AMBER **(INCLUDES ITEMS 13, 19, 21-22, 24-26)**	1
36	225540	SHANK ASSY, SPRING, 3 X 4 TUBE **(SEE PAGE 1-41)**	1
37	229555	U-BOLT, 5/8 X 3-11/16 X 5-3/4	1
38	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	2
39	225546	EXTENSION, SPRING SHANK 2-1/2"	
40	197394	PLATE, SHANK MOUNT	1
41	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	2
42	171892	SCREW, HEX CAP 5/8-11UNCX9 GR5	2
43	164140	REFLECTOR ASSY **(INCLUDES ITEMS 15, 17, 25-26)**	2

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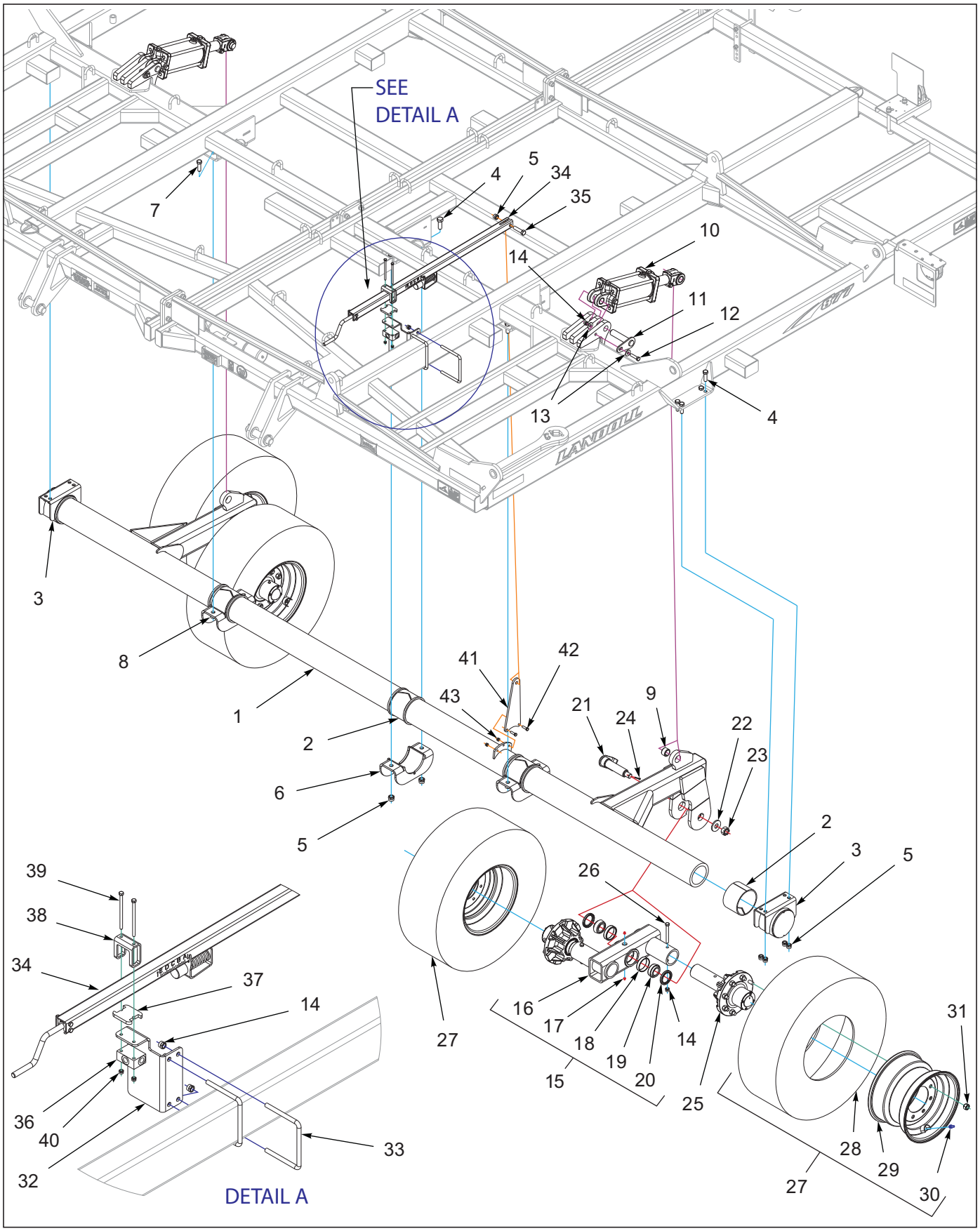


Figure 1-3: Center Frame Lift Assembly

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Center Frame Lift Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	225516	LIFT WLDMT, CENTER 877	1
2	140519	BEARING, UHMW 4IN	5
3	179655	BEARING CAP, LIFT WLDMT	2
4	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	10
5	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	11
6	141234	WLDMT, BEARING CAP LIFT	3
7	1-654-010061-05	SCREW,HHC,3/4-10UNCX2,GR5,ZP	4
8	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	4
9	2-150-010174	BUSHING,1-5/8X1-1/4X1	2
10	134558	CYLINDER,4-1/2X8 MASTER 876 **(SEE PAGE 1-58)**	2
11	134495	PIN WLDMT LIFT CYL 876	2
12	1-654-010055-05	SCREW,HEX CAP,1/2-13UNCX2 GR5	2
13	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	6
14	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	12
15	161545	WALKING BEAM ASSY, 3" **(INCLUDES ITEMS 16-20)**	2
16	161546	WALKING BEAM, 3" SPINDLE WLDMT	2
17	1-298-010001-1	ZERK FITTING 1/4 SAE	4
18	140551	CUP BEARING	4
19	140552	CONE BEARING	4
20	140553	SEAL GREASE	4
21	141196	SPINDLE, WALKING BEAM WLDMT	2
21	1-861-010005	WASHER, SPINDLE 1	2
22	1-516-010001-20	NUT, HX SLOT 1-14	2
23	1-557-010362-51	PIN, COTTER 3/16X1-1/2	2
24	156972	HUB & SPINDLE ASSY, 8 BOLT **(BEFORE 02-01-2020) (SEE PAGE 1-15)**	4
25	223440	ASSY, 8 BOLT HUB & SPINDLE **(AFTER 02-01-2020) (SEE PAGE 1-17)**	4
26	1-654-010055-14	SCREW,HX CP,1/2-13UNCX4-1/2G5	4
27	184708	TIRE ASSY,320/70R15,8 BOLTWHL **(INCLUDES ITEMS 28-31)**	4
28	204385	FIRESTONE RADIAL 320/70R15	4
29	140548	WHEEL, 15 X 10 LB 8 BOLT	4
30	TR575	VALVE STEM TUBELESS TIRE	4
31	102600	NUT,WHEEL BOLT, 5/8	32
32	225531	BRACKET, DCV MOUNT	1
33	4J918	U-BOLT 1/2 X 5-1/4 X 6-1/16	2
34	225532	ASSY, DEPTH STOP 47" **(SEE PAGE 1-6)**	1
35	1-654-010059-07	SCREW HX CP 5/8-11UNCX2-1/2G5	1
36	185660	VALVE, LIMIT	1
37	165257	PAD, SLIDE	1
38	165265	GUIDE, DEPTH STOP	1
39	1-654-010049-19	SCREW,HEX CP,5/16-18UNCX5 GR5	2
40	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
41	164124	MOUNT, DEPTH CONTROL	1
42	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	2
43	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2

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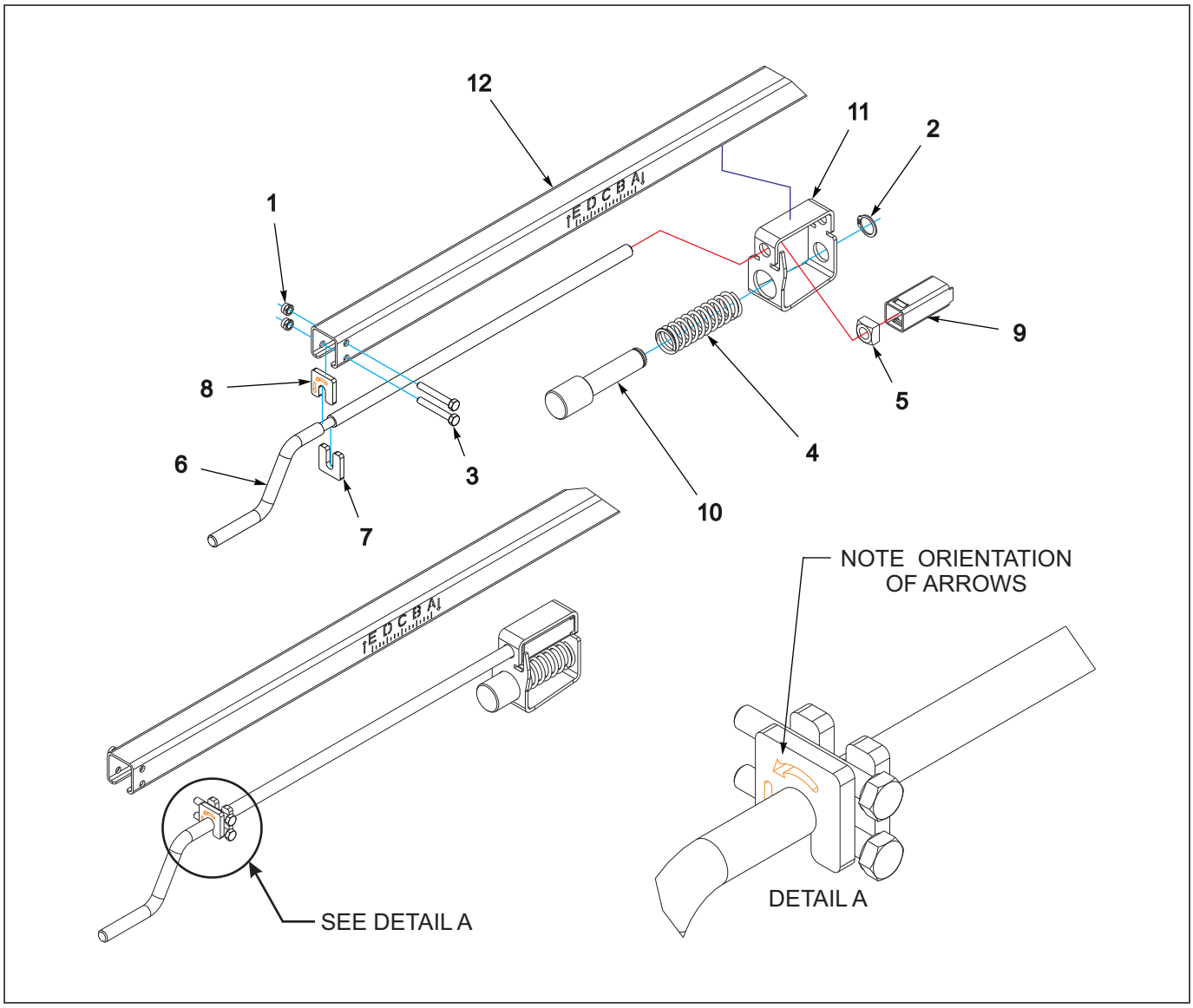


Figure 1-4: Depth Stop Assembly

Depth Stop Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	225532	ASSY, DEPTH STOP 47"	
1	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
2	1-630-010021-03	RING, RETAINING 1.0 HD	1
3	108628	SCREW HX CP 5/16-18UNCX2-1/4	2
4	122917	SPRING COMPRESSION,4-1/2 MONO	1
5	144048	NUT, SQ 5/8-11 GR5	1
6	165258	HANDLE, DEPTH STOP	1
7	165259	STOP, HANDLE LONG	1
8	165260	STOP, HANDLE SHORT	1
9	166717	SQ TUBE, FLOATING	1
10	174708	PIN, DEPTH STOP	1
11	174709	SQ TUBE, DEPTH STOP	1
12	225533	SQ TUBE, DEPTH STOP 47"	1

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Table provided for general use.

NOTES:

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Wing Frames

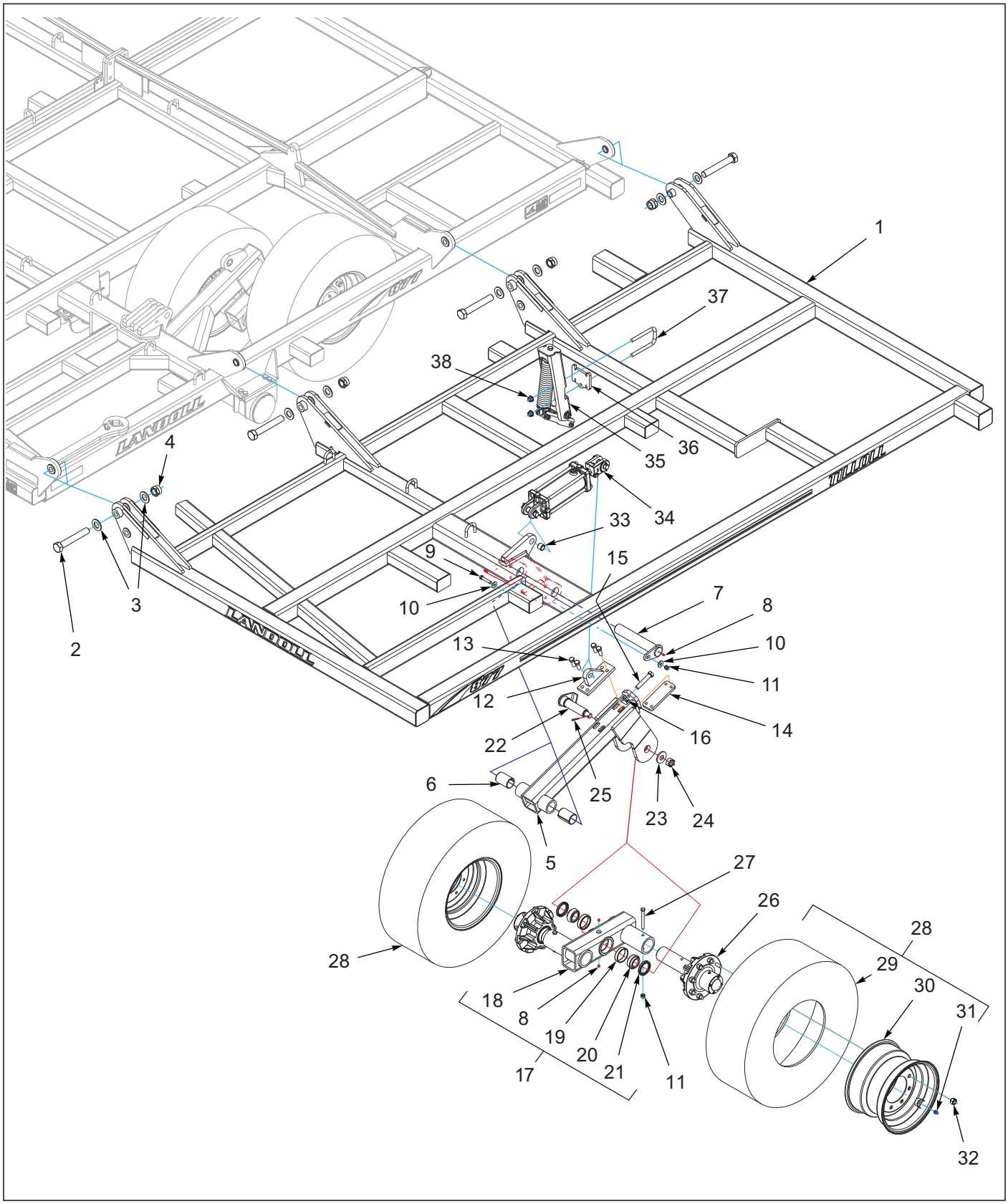


Figure 1-5: Wing Frame Assembly 30'

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Wing Frame Assembly 30’

ITEM	PART NO.	DESCRIPTION	QTY.
1	222143	FRAME WLDMT, LH WING 30' **(SHOWN)**	1
1	222144	FRAME WLDMT, RH WING 30'	1
2	1-654-010125-20	SCREW,1-8UNCX7-1/2 HX CP GR8	8
3	1-861-010032-24	WASHER FL 1IN NARROW ZP**)**	16
4	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	8
5	218882	WLDMT, ADJ WING LIFT	2
6	134496	BUSHING,SPRING 2-1/4X2X3-1/4	4
7	134498	PIN WLDMT PIVOT 2"	2
8	1-298-010001-1	ZERK FITTING 1/4 SAE	3
9	1-654-010055-07	SCREW HX CP 1/2-13UNCX2-1/2	2
10	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	4
11	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
12	156860	CYL ANCHOR WLDMT	2
13	1-654-010059-04	SCREW,HEX CAP 5/8-11X1-3/4 G5	8
14	139800	PLATE CLAMP ANCHOR	2
15	163504	SCREW HX FL THD3/4-10UNCX4 G5	2
16	119083	NUT, HEX JAM 3/4-10 GR2 ZP	2
17	161545	WALKING BEAM ASSY, 3" **(INCLUDES ITEMS 8, 18-21)**	2
18	161546	WALKING BEAM, 3" SPINDLE WLDMT	2
19	140551	CUP BEARING	4
20	140552	CONE BEARING	4
21	140553	SEAL GREASE	4
22	141196	SPINDLE, WALKING BEAM WLDMT	2
23	1-861-010005	WASHER, SPINDLE 1	2
24	1-516-010001-20	NUT, HX SLOT 1-14	2
25	1-557-010362-51	PIN, COTTER 3/16X1-1/2	2
26	156972	HUB & SPINDLE ASSY, 8 BOLT **(BEFORE 02-01-2020) (SEE PAGE 1-15)**	4
26	223440	ASSY, 8 BOLT HUB & SPINDLE **(AFTER 02-01-2020) (SEE PAGE 1-17)**	4
27	1-654-010055-14	SCREW,HX CP,1/2-13UNCX4-1/2G5	2
28	184708	TIRE ASSY,320/70R15,8 BOLTWHL **(INCLUDES ITEMS 29-31)**	4
29	204385	FIRESTONE RADIAL 320/70R15	4
30	140548	WHEEL, 15 X 10 LB 8 BOLT	4
31	TR575	VALVE STEM TUBELESS TIRE	4
32	102600	NUT,WHEEL BOLT, 5/8	32
33	2-150-010008	BUSHING 1-1/4ODX1IDX1 STEEL	4
34	1-242-010173-5	CYLINDER HYD 4X8 SLAVE 1 **(SEE PAGE 1-59)**	2
35	225540	SHANK ASSY, SPRING, 3 X 4 TUBE	1
36	229557	EXTENSION, SPRING SHANK 1/2"	1
37	8-102-010043	U-BOLT, SPING CLAMP	1
38	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	2

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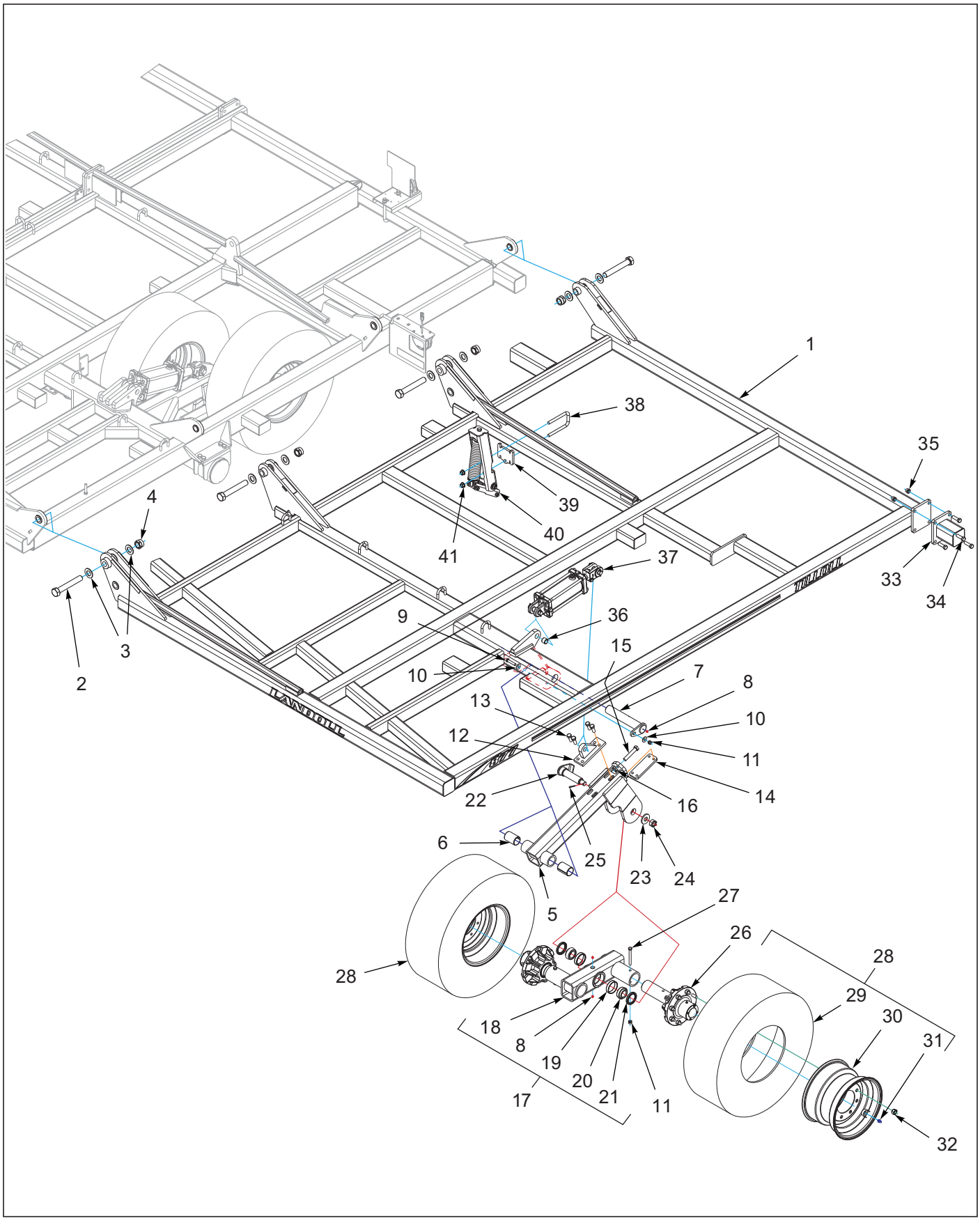


Figure 1-6: Wing Frame Assembly 35'

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Wing Frame Assembly 35’

ITEM	PART NO.	DESCRIPTION	QTY.
1	222119	FRAME WLDMT, LH WING 35' **(SHOWN)**	1
1	222118	FRAME WLDMT, RH WING 35'	1
2	1-654-010123-01	SCREW,CAP,SPEC.,1-1/4-7X8G8	8
3	116100	WASHER 1-1/4 NAR FL ZP/CD	16
4	101385	NUT,HEX SLFLKG,1-1/4-7 GRB	8
5	218882	WLDMT, ADJ WING LIFT	2
6	134496	BUSHING,SPRING 2-1/4X2X3-1/4	4
7	134498	PIN WLDMT PIVOT 2"	2
8	1-298-010001-1	ZERK FITTING 1/4 SAE	3
9	1-654-010055-07	SCREW HX CP 1/2-13UNCX2-1/2	2
10	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	4
11	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	3
12	156860	CYL ANCHOR WLDMT	2
13	1-654-010059-04	SCREW,HEX CAP 5/8-11X1-3/4 G5	8
14	139800	PLATE CLAMP ANCHOR	2
15	163504	SCREW HX FL THD3/4-10UNCX4 G5	2
16	119083	NUT, HEX JAM 3/4-10 GR2 ZP	2
17	161545	WALKING BEAM ASSY, 3" **(INCLUDES ITEMS 18-21)**	2
18	161546	WALKING BEAM, 3" SPINDLE WLDMT	2
19	140551	CUP BEARING	4
20	140552	CONE BEARING	4
21	140553	SEAL GREASE	4
22	141196	SPINDLE, WALKING BEAM WLDMT	2
23	1-861-010005	WASHER, SPINDLE 1	2
24	1-516-010001-20	NUT, HX SLOT 1-14	2
25	1-557-010362-51	PIN, COTTER 3/16X1-1/2	2
26	156972	HUB & SPINDLE ASSY, 8 BOLT **(BEFORE 02-01-2020) (SEE PAGE 1-15)**	4
26	223440	ASSY, 8 BOLT HUB & SPINDLE **(AFTER 02-01-2020) (SEE PAGE 1-17)**	4
27	1-654-010055-14	SCREW,HX CP,1/2-13UNCX4-1/2G5	2
28	184708	TIRE ASSY,320/70R15,8 BOLTWHL **(INCLUDES ITEMS 29-31)**	4
29	204385	FIRESTONE RADIAL 320/70R15	4
30	140548	WHEEL, 15 X 10 LB 8 BOLT	4
31	TR575	VALVE STEM TUBELESS TIRE	4
32	102600	NUT,WHEEL BOLT, 5/8	32
33	222159	WLDMT, TILLOLL FRAME EXT	2
34	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	8
35	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	8
36	2-150-010008	BUSHING 1-1/4ODX1IDX1 STEEL	4
37	1-242-010173-5	CYLINDER HYD 4X8 SLAVE 1 **(SEE PAGE 1-59)**	2
38	8-102-010043	U-BOLT, SPING CLAMP	1
39	229557	EXTENSION, SPRING SHANK 1/2"	1
40	225540	SHANK ASSY, SPRING, 3 X 4 TUBE	1
41	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	2

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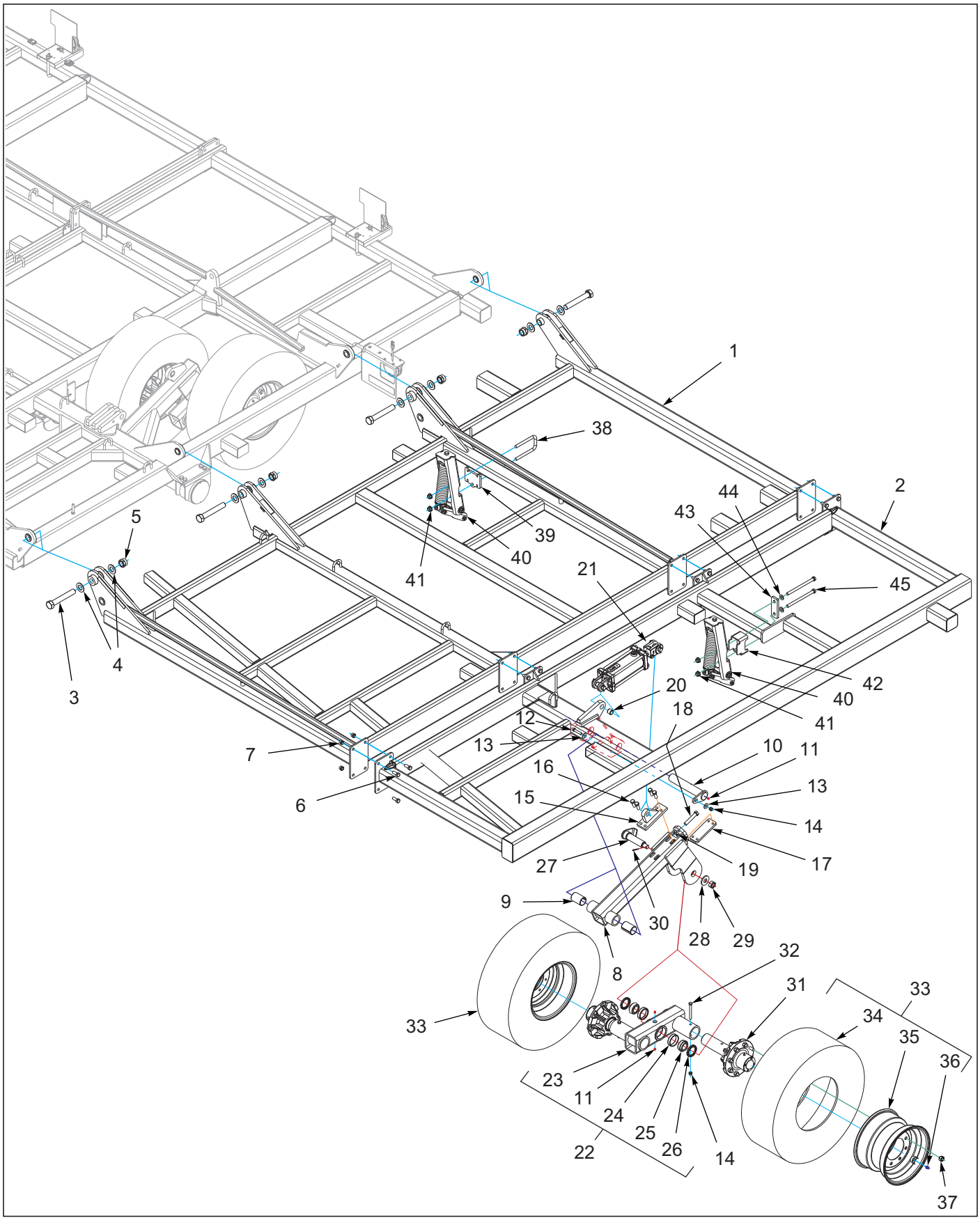


Figure 1-7: Wing Frame Assembly 40'

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Wing Frame Assembly 40’

ITEM	PART NO.	DESCRIPTION	QTY.
1	218877	FRAME WLDMT, LH WING 40' **(SHOWN)**	1
1	218879	FRAME WLDMT, RH WING 40'	1
2	218878	FRAME WLDMT, LH WING EXT 40' **(SHOWN)**	1
2	218880	FRAME WLDMT, RH WING EXT 40'	1
3	1-654-010123-01	SCREW,CAP,SPEC.,1-1/4-7X8G8	8
4	116100	WASHER 1-1/4 NAR FL ZP/CD	16
5	101385	NUT,HEX SLFLKG,1-1/4-7 GRB	8
6	1-654-010059-03	SCREW 5/8-11UNCX1-1/2 HXCP G5	32
7	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	32
8	218882	WLDMT, ADJ WING LIFT	2
9	134496	BUSHING,SPRING 2-1/4X2X3-1/4	4
10	134498	PIN WLDMT PIVOT 2"	2
11	1-298-010001-1	ZERK FITTING 1/4 SAE	3
12	1-654-010055-07	SCREW HX CP 1/2-13UNCX2-1/2	2
13	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	4
14	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	3
15	156860	CYL ANCHOR WLDMT	2
16	1-654-010059-04	SCREW,HEX CAP 5/8-11X1-3/4 G5	8
17	139800	PLATE CLAMP ANCHOR	2
18	163504	SCREW HX FL THD3/4-10UNCX4 G5	2
19	119083	NUT, HEX JAM 3/4-10 GR2 ZP	2
20	2-150-010008	BUSHING 1-1/4ODX1IDX1 STEEL	4
21	1-242-010173-5	CYLINDER HYD 4X8 SLAVE 1 **(SEE PAGE 1-59)**	2
22	161545	WALKING BEAM ASSY, 3" **(INCLUDES ITEMS 18-21)**	2
23	161546	WALKING BEAM, 3" SPINDLE WLDMT	2
24	140551	CUP BEARING	4
25	140552	CONE BEARING	4
26	140553	SEAL GREASE	4
27	141196	SPINDLE, WALKING BEAM WLDMT	2
28	1-861-010005	WASHER, SPINDLE 1	2
29	1-516-010001-20	NUT, HX SLOT 1-14	2
30	1-557-010362-51	PIN, COTTER 3/16X1-1/2	2
31	156972	HUB & SPINDLE ASSY, 8 BOLT **(BEFORE 02-01-2020) (SEE PAGE 1-15)**	4
31	223440	ASSY, 8 BOLT HUB & SPINDLE **(AFTER 02-01-2020) (SEE PAGE 1-17)**	4
32	1-654-010055-14	SCREW,HX CP,1/2-13UNCX4-1/2G5	2
33	184708	TIRE ASSY,320/70R15,8 BOLTWHL **(INCLUDES ITEMS 34-36)**	4
34	204385	FIRESTONE RADIAL 320/70R15	4
35	140548	WHEEL, 15 X 10 LB 8 BOLT	4
36	TR575	VALVE STEM TUBELESS TIRE	4
37	102600	NUT,WHEEL BOLT, 5/8	32
38	8-102-010043	U-BOLT, SPING CLAMP	1
39	229557	EXTENSION, SPRING SHANK 1/2"	1
40	225540	SHANK ASSY, SPRING, 3 X 4 TUBE	1
41	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	2
42	225546	EXTENSION, SPRING SHANK 2-1/2"	1
43	197394	PLATE, SHANK MOUNT	1
44	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	2
45	171892	SCREW, HEX CAP 5/8-11UNCX9 GR5	2

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Hub & Spindles

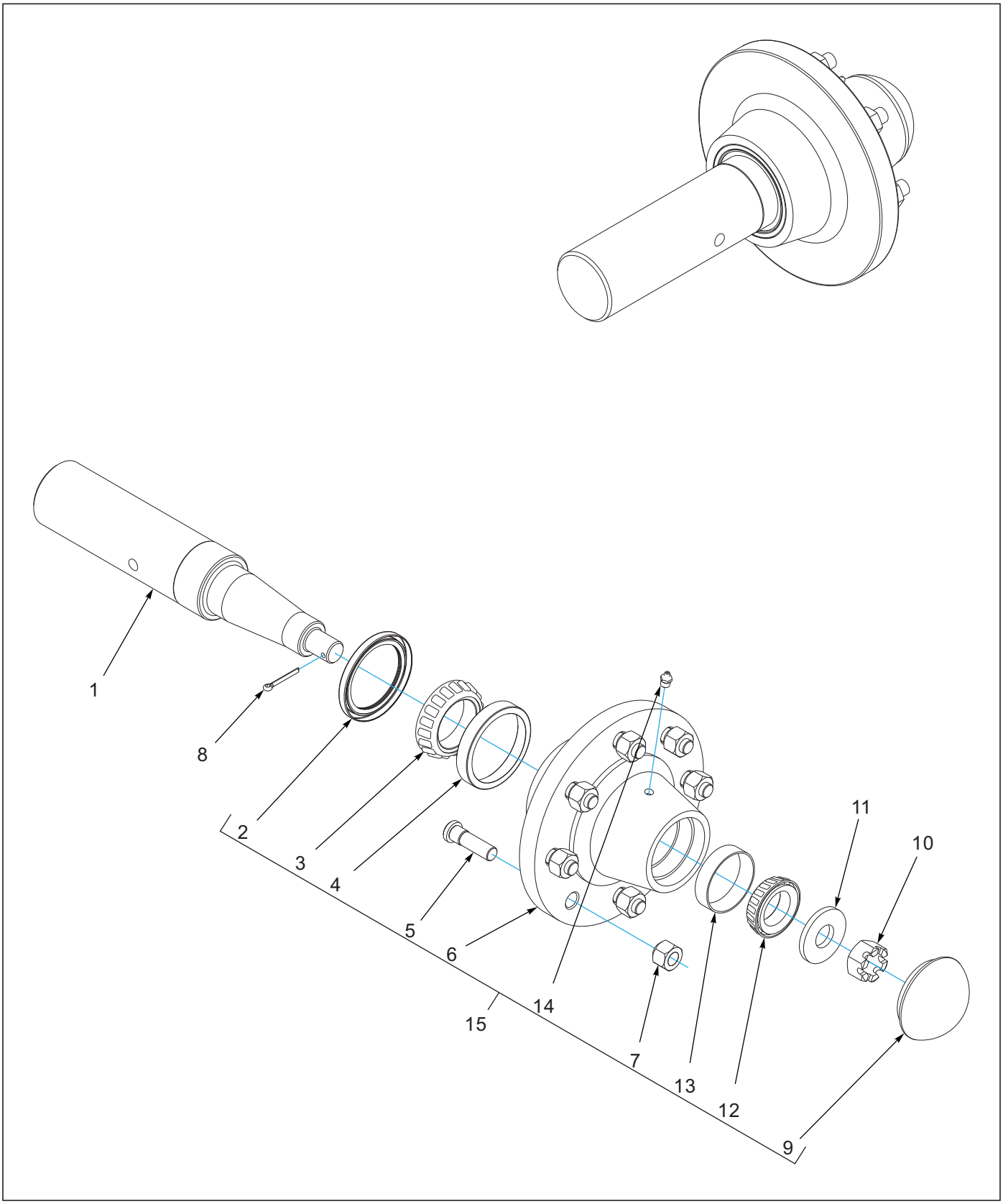


Figure 1-8: Hub and Spindle Assembly - 156972

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Hub and Spindle Assembly - 156972

ITEM	PART NO.	DESCRIPTION	QTY.
--	156972	HUB & SPINDLE ASSY, 8 BOLT **(BEFORE 2-1-2020)**	
1	156973	SPINDLE 3 X 16-1/2	1
2	159970	SEAL,TRIPLE LIP 4 ODX3 IDX3/8	1
3	156979	CONE BEARING - 387AS	1
4	111962	OUTER BEARING CUP L20HD#382A	1
5	4001060	HUB 75-8 BOLTS 5/8-18 STUD	1
6	156974	HUB W/CUPS, 8 BOLT, 7500LBS **(INCLUDES ITEMS 4, 5, 7, 13, 14)**	1
7	102600	NUT,WHEEL BOLT, 5/8	8
8	1-557-010362-51	PIN, COTTER 3/16X1-1/2	1
9	102601	HUB CAP, 8-BOLT HUB	1
10	1-516-010001-20	NUT, HX SLOT 1-14	1
11	1-861-010005	WASHER, SPINDLE 1	1
12	102498	BEARING CONE,OUTER, 1.625	1
13	102604	BEARING CUP, OUTER	1
14	5000	ZERK FITTING 1/8NPT	1
15	168859	HUB ASSY, EIGHT BOLT **(SERVICE KIT ONLY)**	

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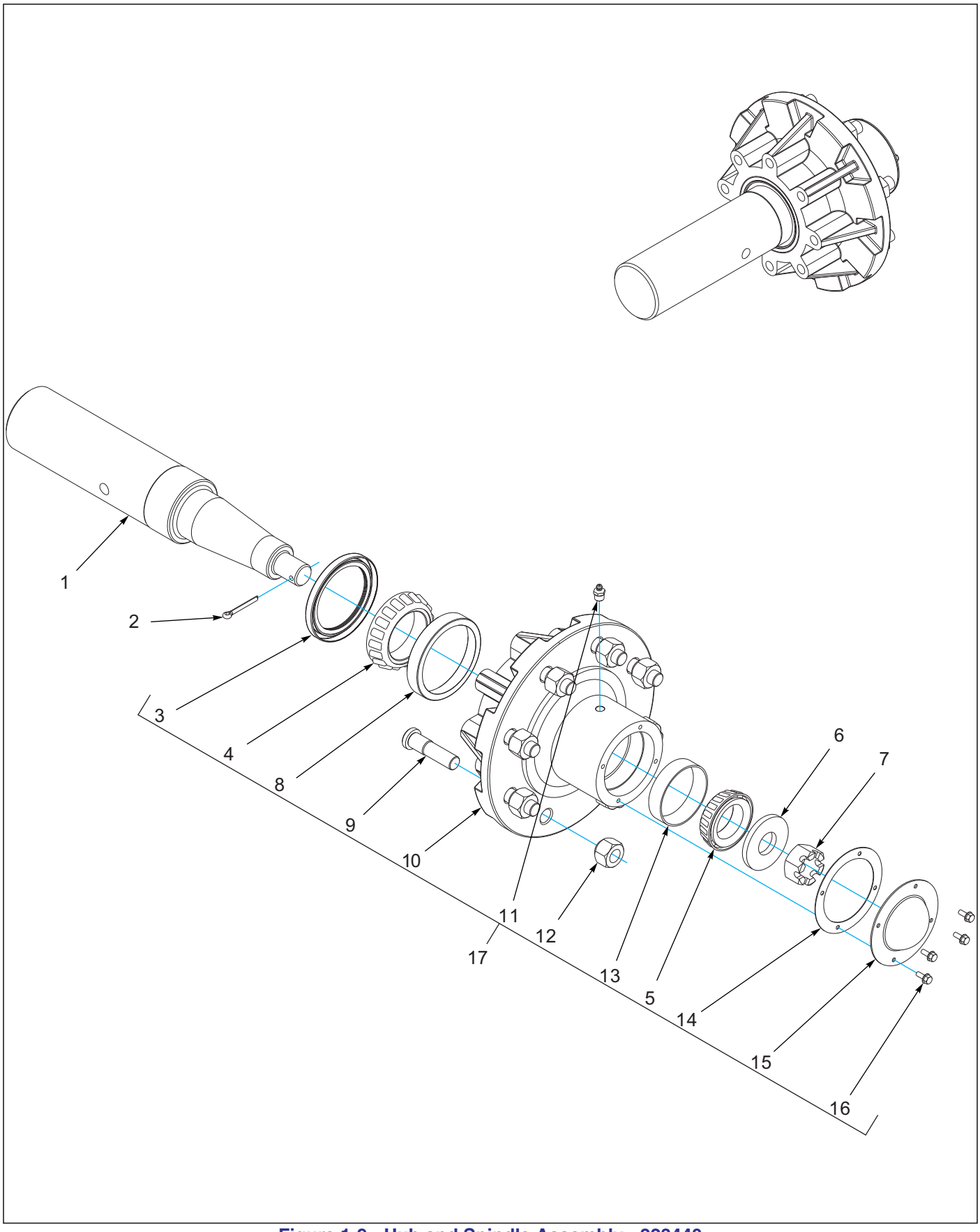


Figure 1-9: Hub and Spindle Assembly - 223440

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Hub and Spindle Assembly - 223440

ITEM	PART NO.	DESCRIPTION	QTY.
--	223440	ASSY, 8 BOLT HUB & SPINDLE **(AFTER 2-1-2020)** (NOTE: P/N 223440 HUB & SPINDLE WILL REPLACE ALL EXISTING 156972 HUB & SPINDLE ASSEMBLIES)	
1	156973	SPINDLE 3 X 16-1/2	1
2	1-557-010362-51	PIN, COTTER 3/16X1-1/2	1
3	159970	SEAL,TRIPLE LIP 4 ODX3 IDX3/8	1
4	156979	CONE BEARING - 387AS	1
5	102498	BEARING CONE,OUTER, 1.625	1
6	1-861-010005	WASHER, SPINDLE 1	1
7	1-516-010001-20	NUT, HX SLOT 1-14	1
8	111962	OUTER BEARING CUP L20HD#382A	1
9	4001060	HUB 75-8 BOLTS 5/8-18 STUD	8
10	223435	HUB ASSY W/ CUPS,GASKET,CAP **(INCLUDES ITEMS 8, 9, 11-16)**	1
11	5000	ZERK FITTING 1/8NPT	1
12	102600	NUT,WHEEL BOLT, 5/8	8
13	102604	BEARING CUP, OUTER	1
14	223439	GASKET, DUST CAP	1
15	223437	DUST CAP, BOLT ON	1
16	223438	SCREW, 10-32X1/2 HEX FLANGE	4
17	168859	HUB ASSY, EIGHT BOLT **(SERVICE KIT ONLY)**	

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Hitch Assemblies

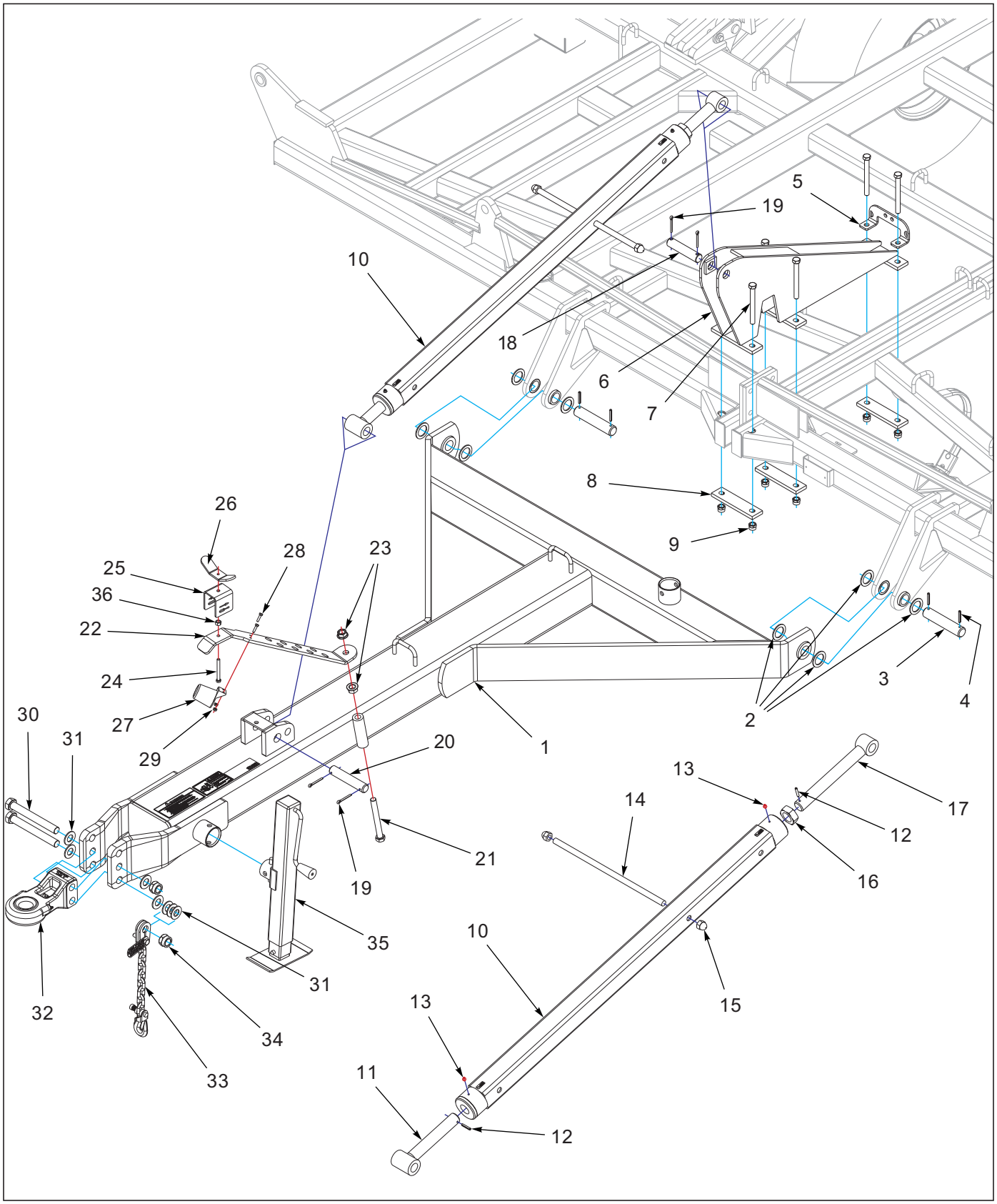


Figure 1-10: Hitch Assembly

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Hitch Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	222160	WLDMT, TILLOLL HITCH	1
2	8-861-010021	FW 2-3/8ODX1-5/8IDX1/8 ZP	8
3	8-557-010114	HITCH PIN	2
4	1-647-010004257	PIN,SPRING,SLOTTED 3/8X2-1/2	4
5	225534	BRKT, MANIFOLD MNT	1
6	134486	MAST WLDMT 876 TILLOLL	1
7	1-654-010059-17	SCREW,HX CP,5/8-11UNCX6 GR5	6
8	100695	COULTER SUPPORT BAR PAINTED	3
9	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	6
10	2-615-010021	RADIUS ROD WLDMT,HITCH, 2220	1
11	2-654-010115	SCREW WLMT,LH,RADIUS ROD,2220	1
12	1-647-010004217	SPRING PIN, SLOTTED 1/4X1-1/2	2
13	1-298-010001-1	ZERK FITTING 1/4 SAE	2
14	2-360-010015	20 IN HANDLE RADIUS ROD 275	1
15	1-512-010011-19	NUT, HEX, ACORN 3/4-10, ZP	2
16	100807	NUT,HEX JAM,1-1/2-6, ZP,GR2	1
17	134446	RH SCREW WLDMT,RADIUS ROD	1
18	116360	PIN 1-1/4X5-5/8	1
19	1-557-010362-63	PIN,COTTER 1/4X2 ZP	4
20	2-557-010491	PIN, RADIUS ROD, LOWER	1
21	1-654-010061-19	SCREW,HX CP 3/4-10UNCX7 GR5	1
22	141246	BRACKET, HOSE HOLDER	1
23	103841	NUT,FLG,LNK,SERRATED 3/4-10UNC	2
24	141807	SCREW 3/8-16UNCX3-1/2 ALLTHRD	1
25	141247	CLAMP, HOSE HOLDER	1
26	141249	WING NUT, HOSE HOLDER	1
27	2-368-010287	HARNESS, STOR-A-WAY	1
28	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
29	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
30	1-654-010125-22	SCREW HX CP 1-8UNCX8-1/2G8ZP **(CAT V HITCHES USE 3 CAP SCREWS)**	2
31	1-861-010032-24	WASHER FL 1IN NARROW ZP **(CAT V HITCHES USE 9 FLAT WASHERS)**	7
32	177031	HITCH, BALL CAT IV **(SEE PAGE 1-23)**	1
33	141434	SAFETY CHAIN 21,000LB	1
34	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB **(CAT V HITCHES USE 3 LOCK NUTS)**	2
35	140647	JACK, SIDE WIND 7000/8000 LB **(SEE PAGE 1-20)**	1
36	1-512-010007-07	NUT, HEX 3/8-16 GR2 ZP	1

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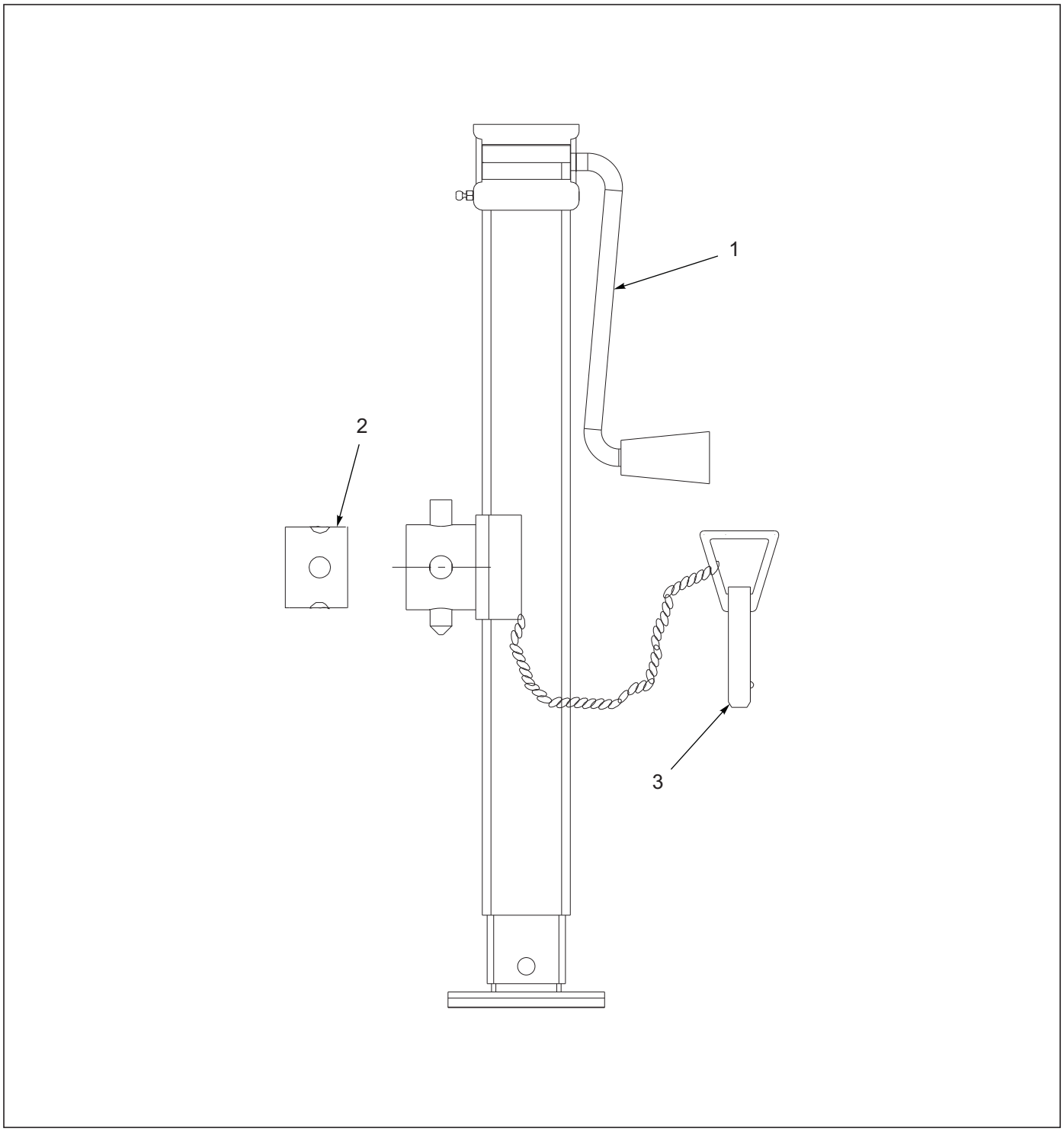


Figure 1-11: 7,000 Lb. Sidewind Jack Assembly

7,000 Lb. Sidewind Jack Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	140647	JACK, SIDE WIND 7000/8000 LB	
1	500171	HANDLE FOR JACK	1
2	141250	TUBE, RD, JACK MOUNT **(WELD TO IMPLEMENT FRAME)**	1
3	142194	5/8" PIN	1

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Table provided for general use.

NOTES:

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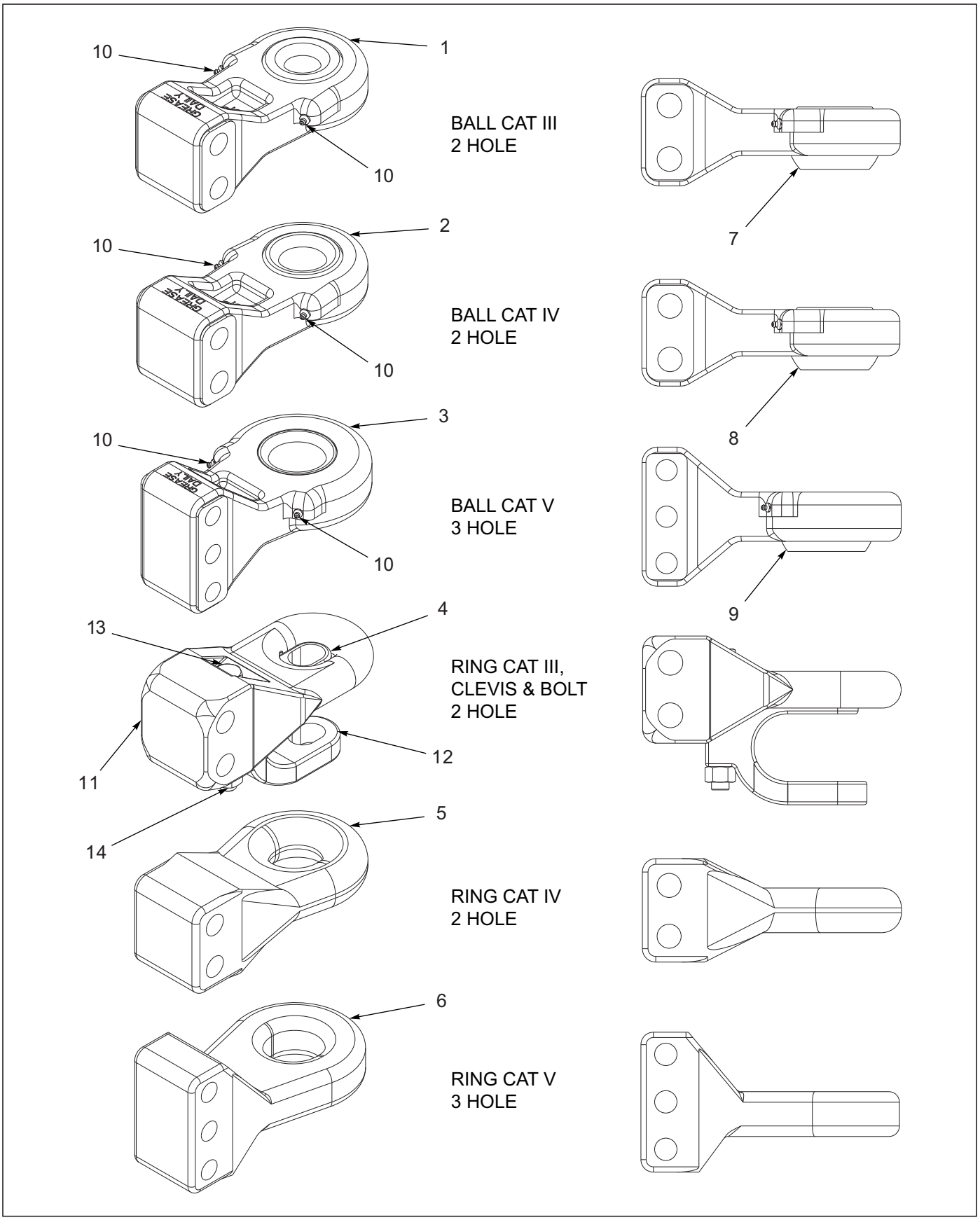


Figure 1-12: Ball & Ring Hitches

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Ball & Ring Hitches

ITEM	PART NO.	DESCRIPTION	QTY.
1	177030	HITCH, BALL CAT III **(INCLUDES ITEM 10)**	1
2	177031	HITCH, BALL CAT IV **(INCLUDES ITEM 10)**	1
3	177032	HITCH, BALL CAT V **(INCLUDES ITEM 10)**	1
4	100844	HITCH ASSY CAT III AND CLEVIS **(INCLUDES ITEM 11-14)**	1
5	2-375-010602	HITCH RING CAT IV	1
6	156949	HITCH, RING CAT V	1
7	189453	BUSHING, SPHERICAL 1-1/2 ID	1
7	189454	BUSHING, SPHERICAL 2 ID	1
8	189454	BUSHING, SPHERICAL 2 ID	1
8	189453	BUSHING, SPHERICAL 1-1/2 ID	1
9	189468	BUSHING, SPHERICAL 2-3/4 ID	1
9	189467	BUSHING, SPHERICAL 2 ID	1
10	1-298-010001-1	ZERK FITTING 1/4 SAE	2
11	2-375-010601	HITCH, RING CAT III	1
12	100214	CLEVIS, HITCH, PPI-208	1
13	1-654-010087-16	SCREW,HEX CAP,3/4-16X5.50 GR8	1
14	1-512-010008-12	NUT, HEX 3/4-16 UNF GRB	1

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Fold Assemblies

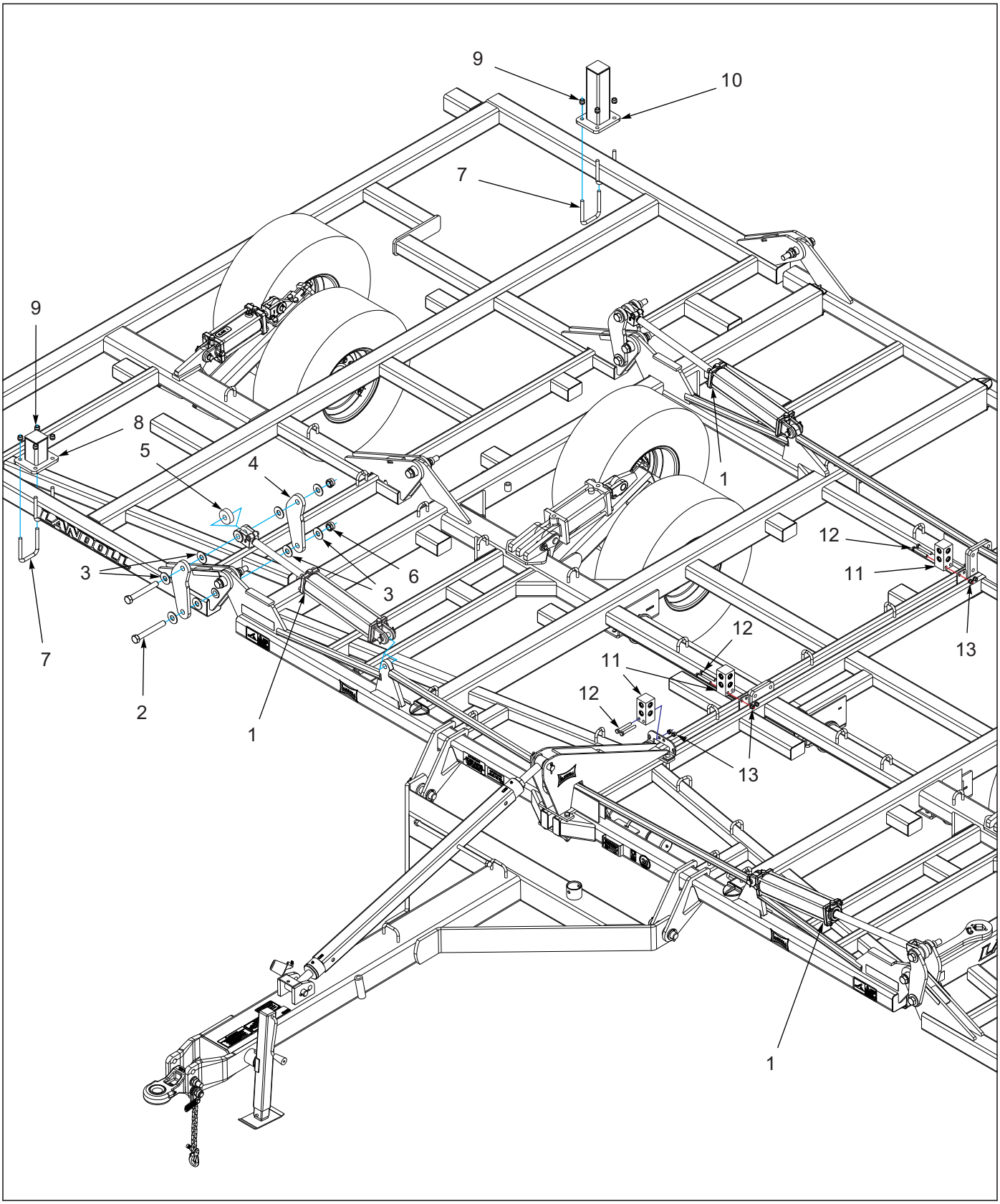


Figure 1-13: Fold Assembly 877-30'

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Fold Assembly 877-30’

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-242-010179-2	CYLINDER,HYD 3-1/2X16 3000PSI **(SEE PAGE 1-60)**	4
2	1-654-010125-20	SCREW,1-8UNCX7-1/2 HX CP GR8	8
3	1-861-010032-25	WASHER FL 1IN WIDE ZP	32
4	2-120-010136	BRKT WING FOLD WSMII	8
5	8-276-010195	ROLLER WING EXTENSION	4
6	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	4
7	6-102-010009	U-BOLT RIGID GA WHEEL	8
8	2-276-010240	SHORT WING SUPPORT WLDMT	2
9	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	16
10	8-276-010334	WING SUPPORT WLDMT	2
11	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	3
12	1-654-010055-11	SCREW,HX CP 1/2-13UNCX3-1/2	6
13	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	6

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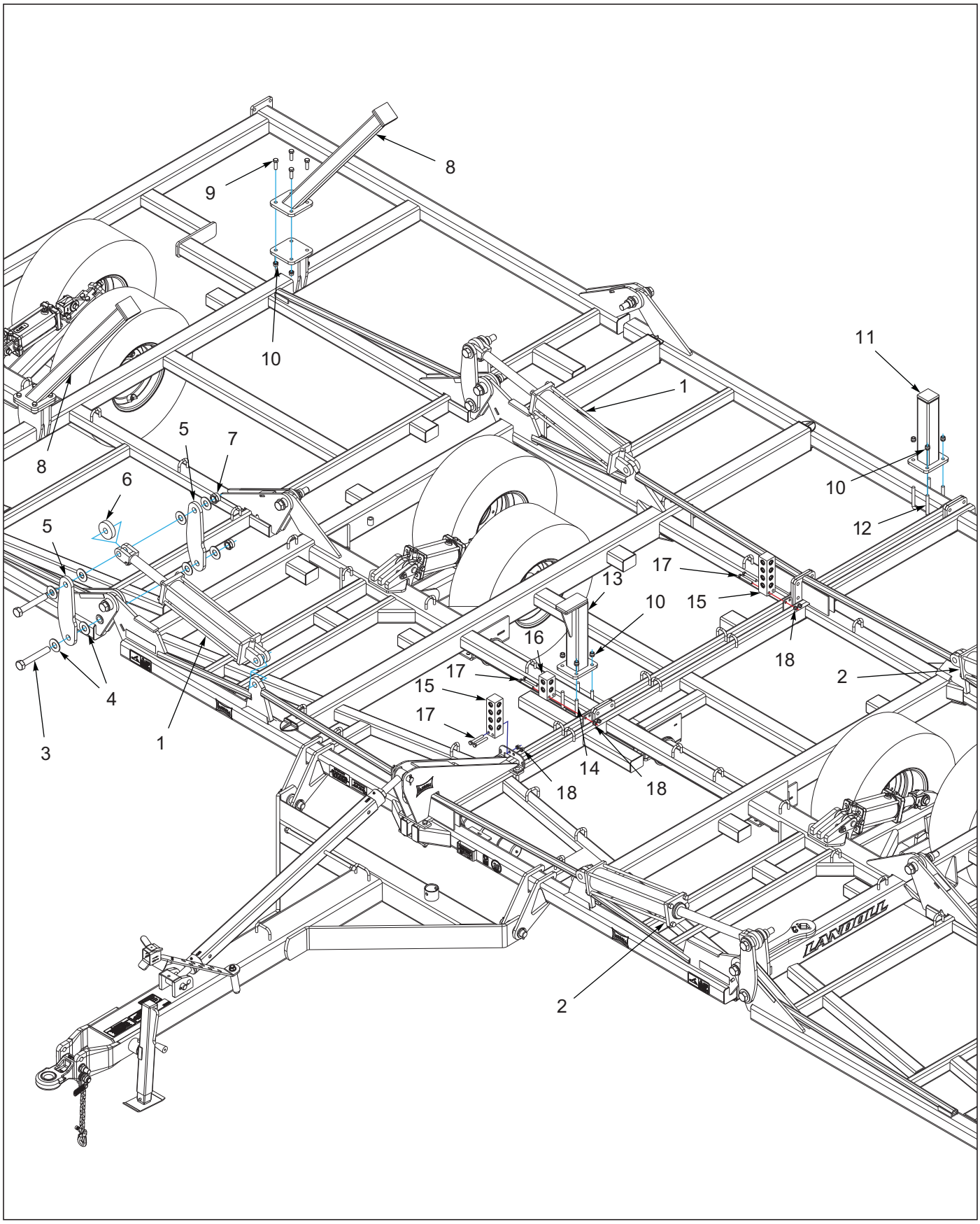


Figure 1-14: Fold Assembly 877-35'

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Fold Assembly 877-35’

ITEM	PART NO.	DESCRIPTION	QTY.
1	107899	CYLINDER, 4-1/2X16 SIDE PORT **(SEE PAGE 1-61) (RH WING)**	2
2	108265	CYLINDER, 4-1/2X20 SIDE PORT **(SEE PAGE 1-62) (LH WING)**	2
3	1-654-010123-01	SCREW,CAP,SPEC.,1-1/4-7X8G8	8
4	1-861-010032-29	WASHER, FLAT 1-1/4 W ZP/CD	32
5	162536	PLATE, WING FOLD 876 HF	8
6	2-645-010067	ROLLER,WING EXTENSION 2220F	4
7	101385	NUT,HEX SLFLKG,1-1/4-7 GRB	4
8	229581	WING STAND, 877-35 RH WLDMT	2
9	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	8
10	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	16
11	114002	WING SUPPORT TILLOLL 40' WLDMT	1
12	6-102-010009	U-BOLT RIGID GA WHEEL	2
13	225506	WING SUPPORT 35'LH FRONT WLDMT	1
14	5J914	U-BOLT 5/8 X 4-1/2 X 4-11/16	2
15	141594	MANIFOLD, HYDRAULIC 16 PORT	2
16	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	1
17	1-654-010055-11	SCREW,HX CP 1/2-13UNCX3-1/2	6
18	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	6

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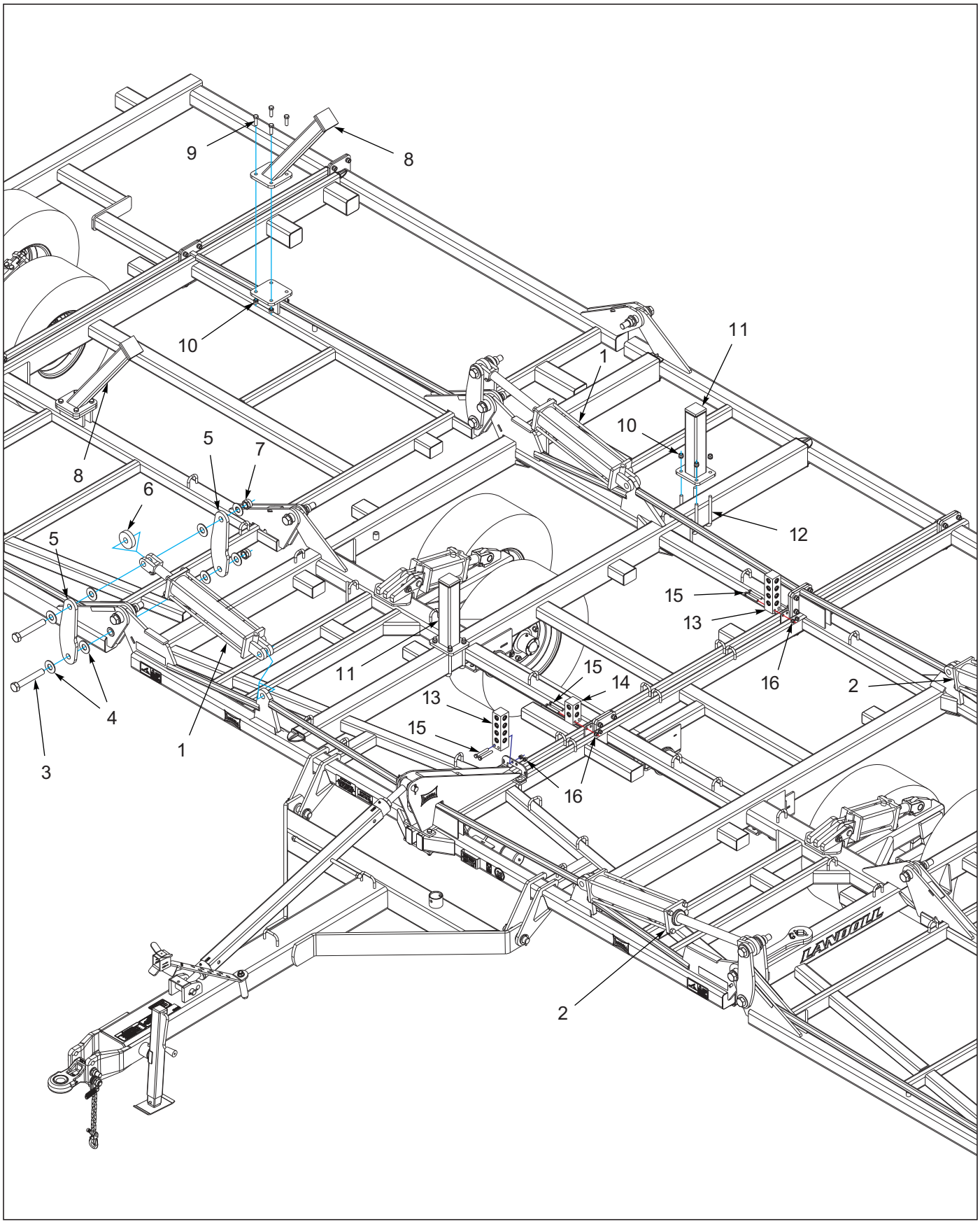


Figure 1-15: Fold Assembly 877-40'

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Fold Assembly 877-40’

ITEM	PART NO.	DESCRIPTION	QTY.
1	107899	CYLINDER, 4-1/2X16 SIDE PORT **(SEE PAGE 1-61) (RH WING)**	2
2	108265	CYLINDER, 4-1/2X20 SIDE PORT **(SEE PAGE 1-62) (LH WING)**	2
3	1-654-010123-01	SCREW,CAP,SPEC.,1-1/4-7X8G8	8
4	1-861-010032-29	WASHER, FLAT 1-1/4 W ZP/CD	32
5	162536	PLATE, WING FOLD 876 HF	8
6	2-645-010067	ROLLER,WING EXTENSION 2220F	4
7	101385	NUT,HEX SLFLKG,1-1/4-7 GRB	4
8	229578	WING STAND, 877-40 RH WLDMT	2
9	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	8
10	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	16
11	114002	WING SUPPORT TILLOLL 40' WLDMT	2
12	2-102-010037	U-BOLT CENTER SCRAPER	4
13	141594	MANIFOLD, HYDRAULIC 16 PORT	2
14	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	1
15	1-654-010055-11	SCREW,HX CP 1/2-13UNCX3-1/2	6
16	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	6

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Disc Gangs Assemblies

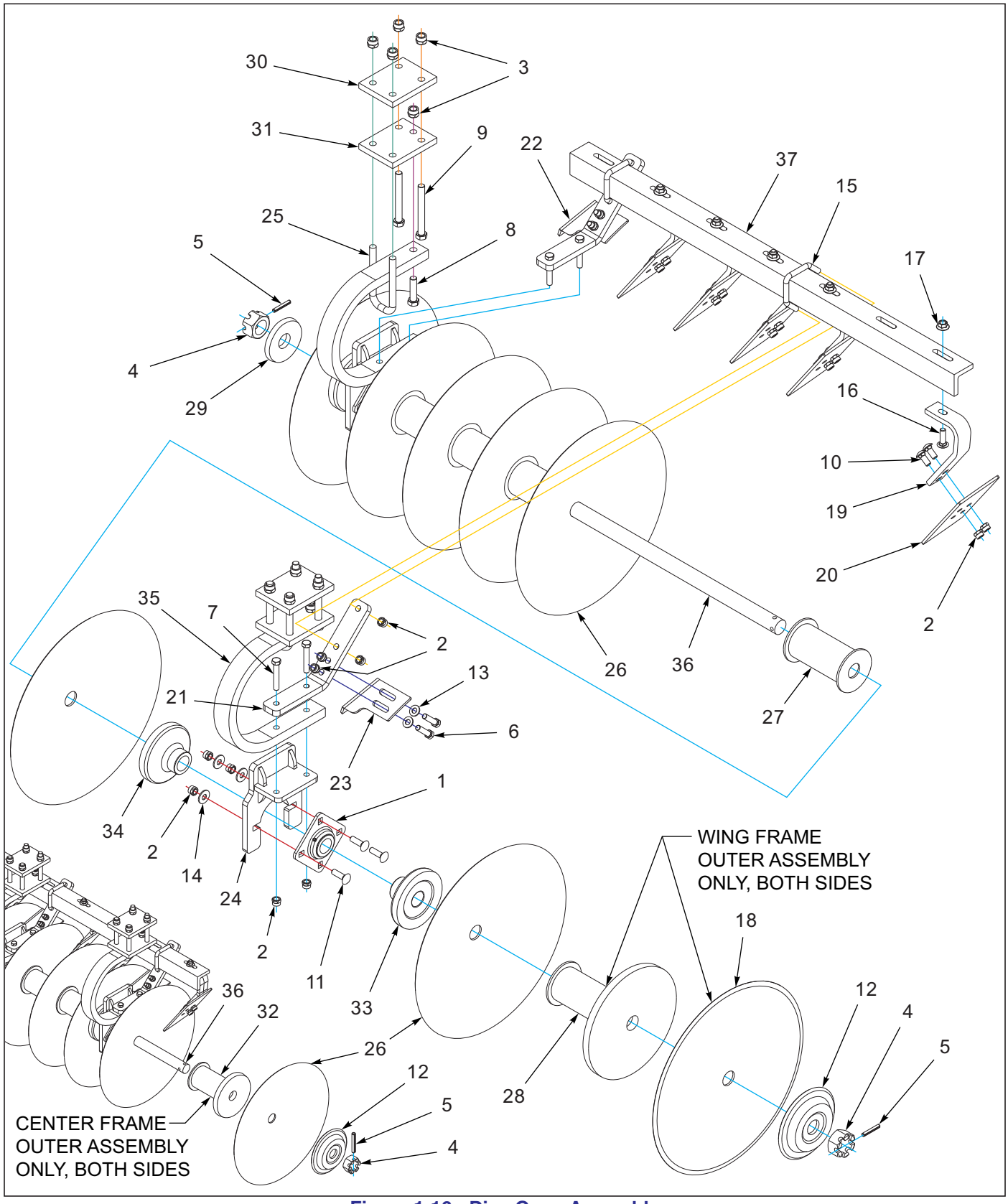


Figure 1-16: Disc Gang Assembly

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Disc Gang Assembly

ITEM	PART NO.	DESCRIPTION	QTY.		
--	222140	DISC ASSY, 877-30' **(SEE PAGE 1-32)**	*		
--	222116	DISC ASSY, 877-35' **(SEE PAGE 1-33)**		*	
--	216142	DISC ASSY, 877-40 **(SEE PAGE 1-34)**			*
1	1-065-010011	BEARING FLANGED 1-1/2ID	12	14	16
2	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	168	194	224
3	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	60	70	80
4	1-516-010001-27	NUT,HX SLOT 1-1/2-6 ZP	8	12	12
5	1-647-010004257	PIN,SPRING,SLOTTED 3/8X2-1/2	8	12	12
6	1-654-010055-05	SCREW,HEX CAP,1/2-13UNCX2 GR5	24	28	32
7	1-654-010055-09	SCREW,HX CP,1/2-13UNCX3 GR5	24	28	32
8	1-654-010059-07	SCREW HX CP 5/8-11UNCX2-1/2G5	12	14	16
9	1-654-010059-16	SCREW,HEX CAP,5/8-11UNCX5.50	24	28	32
10	1-654-010070-02	SCREW 1/2-13X1-1/4 RD HD SQNK	60	68	80
11	1-654-010070-04	SCREW RDHD SQNK 1/2-13X1-3/4	36	42	48
12	1-861-010006	SPRING WASHER DISC GANG	4	6	6
13	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	24	28	32
14	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	36	42	48
15	140487	UBOLT, SCRAPER BAR MOUNT	12	14	16
16	160161	SHAKER BOLT1/2-13X1-3/4 GR8ZP	30	34	40
17	172509	NUT,1/2-13 WIDE FLNG TOP LCK F	30	34	40
18	2-217-010031	COULTER BLADE	2	2	2
19	216129	ARM, SCRAPER	30	34	40
20	216130	SCRAPER, 4" REV	30	34	40
21	216133	MOUNT, SCRAPER BAR STR	12	14	16
22	216134	SCRAPER, DUAL RH	6	7	8
23	216135	SCRAPER, DUAL LH	6	7	8
24	216136	WLDMT, BEARING MNT	12	14	16
25	8-102-010021	U BOLT DISC MOUNT	12	14	16
26	8-253-010002	DISC BLADE 20IN	44	52	60
27	8-253-010007	SPOOL ASSY DISC GANG WLDMT	26	30	36
28	8-253-010010	SPOOL, OUTSIDE WLDMT	2	2	2
29	8-253-010012	HEAVY DISC WASHER	4	6	6
30	8-253-010040	4 HOLE PLATE DISC MOUNT 875	12	14	16
31	8-253-010041	5 HOLE PLATE DISC MOUNT 875	12	14	16
32	8-253-010043	END SPOOL, WING MAIN FRAME WLD	2	2	2
33	8-253-010049	HALF SPOOL CONCAVE	12	14	16
34	8-253-010050	HALF SPOOL CONVEX FLG	12	14	16
35	8-683-010020	SPRING SHANK DISC MOUNT	12	14	16
36	8-253-010021	DISC ROD MAIN FRAME DISC 30FT	2	6	2
36	8-253-010022	DISC ROD WING FRAME DISC 30FT	2	--	--
36	8-253-010028	DISC ROD WING FRAME 25FT 6IN	--	2	2
36	8-253-010037	DISC ROD 18 FT MAIN FRAME	--	2	--
36	8-253-010027	DISC ROD MAIN FRAME 25FT 6IN	--	--	2
37	179770	SCRAPER BAR, 7-1/2 SP 10 HOLE	2	--	2
37	179771	SCRAPER BAR, 7-1/2 SP 11 HOLE	2	2	2
37	179766	SCRAPER BAR, 7-1/2 SP 6 HOLE	--	2	--
37	179767	SCRAPER BAR, 7-1/2 SP 7 HOLE	--	2	2

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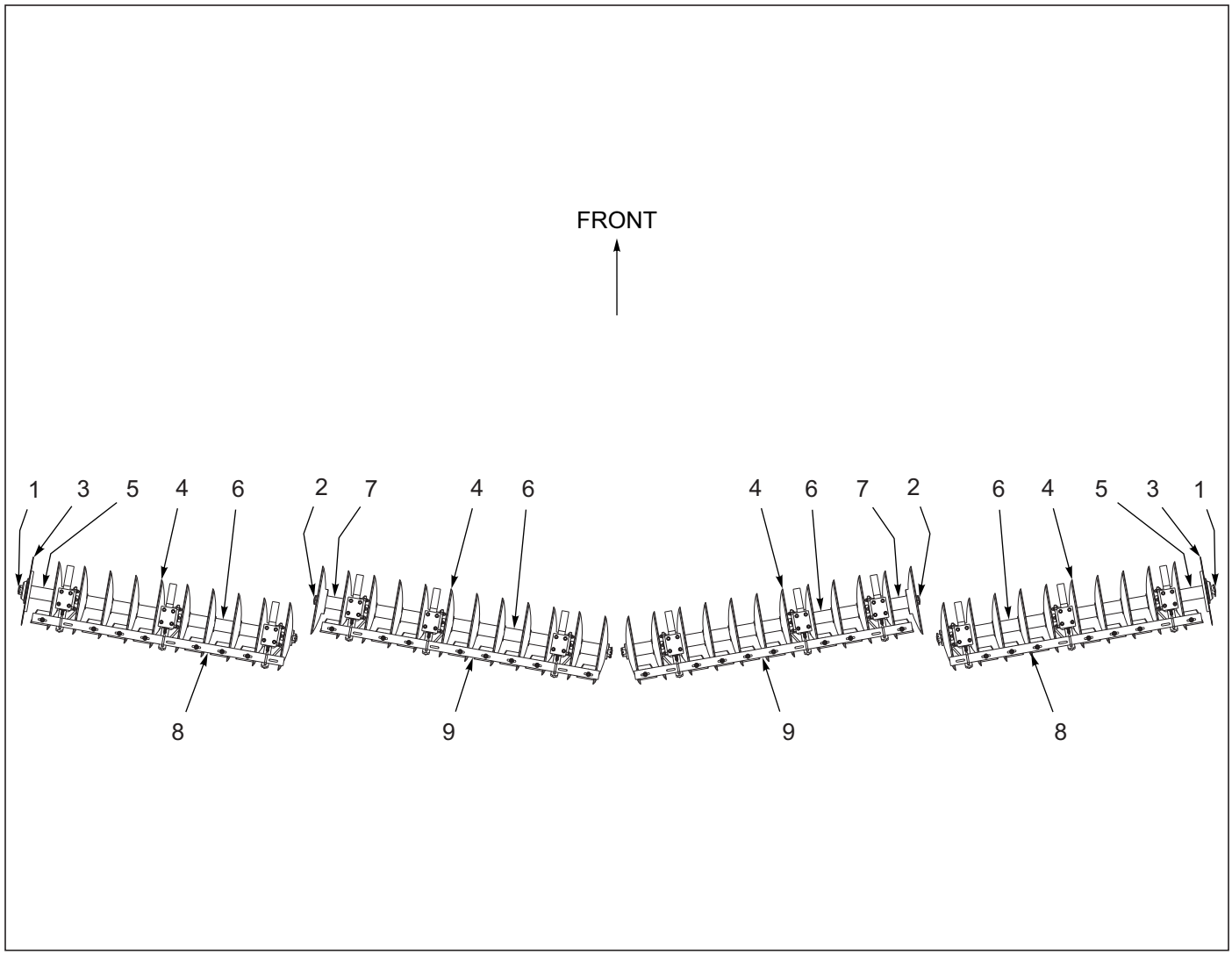


Figure 1-17: Disc Gang Layout 877-30’

Disc Gang Layout 877-30’

ITEM	PART NO.	DESCRIPTION	QTY.
--	222140	DISC ASSY, 877-30'	
1	8-253-010022	DISC ROD WING FRAME DISC 30FT	2
2	8-253-010021	DISC ROD MAIN FRAME DISC 30FT	2
3	2-217-010031	COULTER BLADE	2
4	8-253-010002	DISC BLADE 20IN	44
5	8-253-010010	SPOOL, OUTSIDE WLDMT	2
6	8-253-010007	SPOOL ASSY DISC GANG WLDMT	26
7	8-253-010043	END SPOOL, WING MAIN FRAME WLD	2
8	179770	SCRAPER BAR, 7-1/2 SP 10 HOLE	2
9	179771	SCRAPER BAR, 7-1/2 SP 11 HOLE	2

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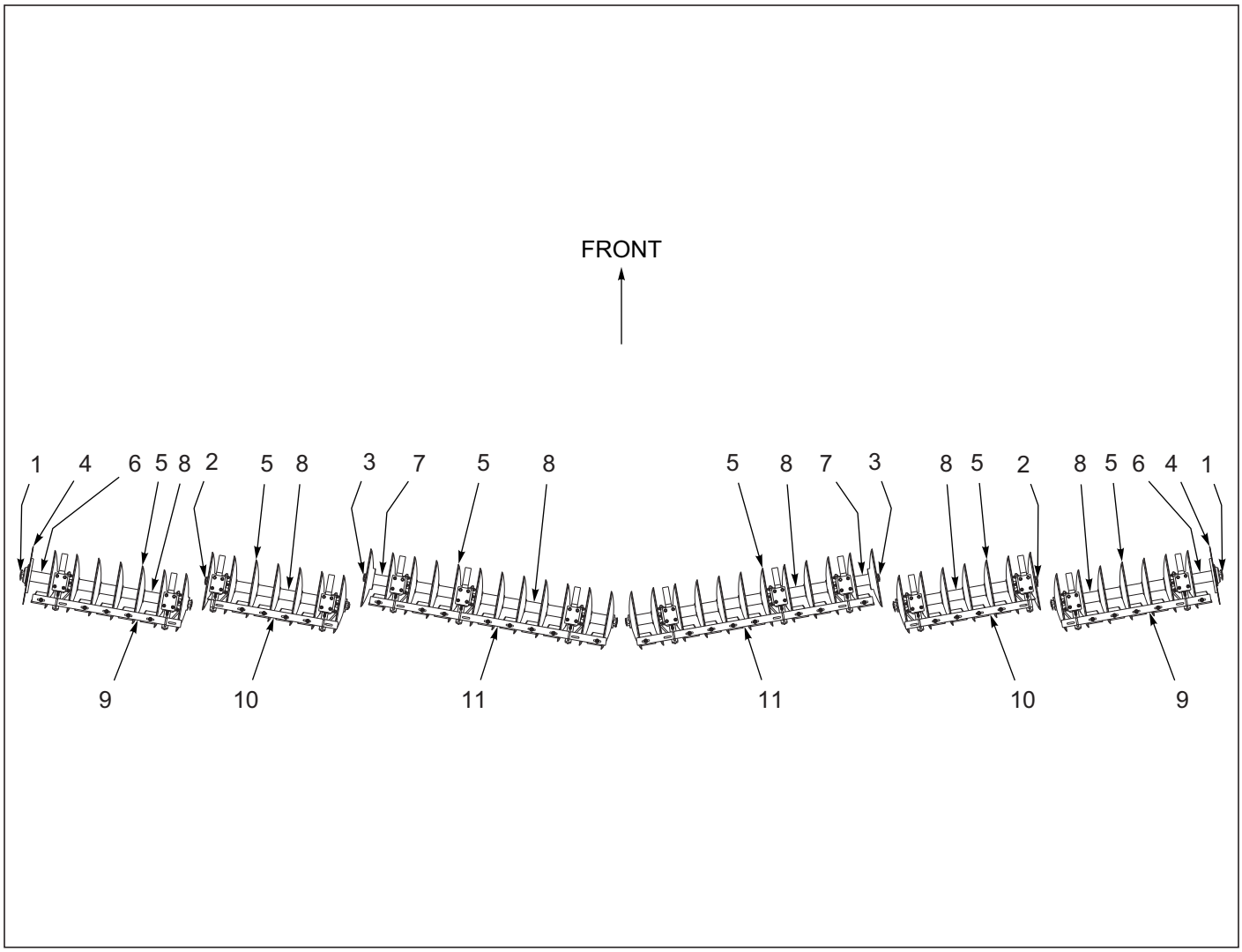


Figure 1-18: Disc Gang Layout 877-35’

Disc Gang Layout 877-35’

ITEM	PART NO.	DESCRIPTION	QTY.
--	222116	DISC ASSY, 877-35'	
1	8-253-010028	DISC ROD WING FRAME 25FT 6IN	2
2	8-253-010037	DISC ROD 18 FT MAIN FRAME	2
3	8-253-010021	DISC ROD MAIN FRAME DISC 30FT	2
4	2-217-010031	COULTER BLADE	2
5	8-253-010002	DISC BLADE 20IN	52
6	8-253-010010	SPOOL, OUTSIDE WLDMT	2
7	8-253-010043	END SPOOL, WING MAIN FRAME WLD	2
8	8-253-010007	SPOOL ASSY DISC GANG WLDMT	30
9	179767	SCRAPER BAR, 7-1/2 SP 7 HOLE	2
10	179766	SCRAPER BAR, 7-1/2 SP 6 HOLE	2
11	179771	SCRAPER BAR, 7-1/2 SP 11 HOLE	2

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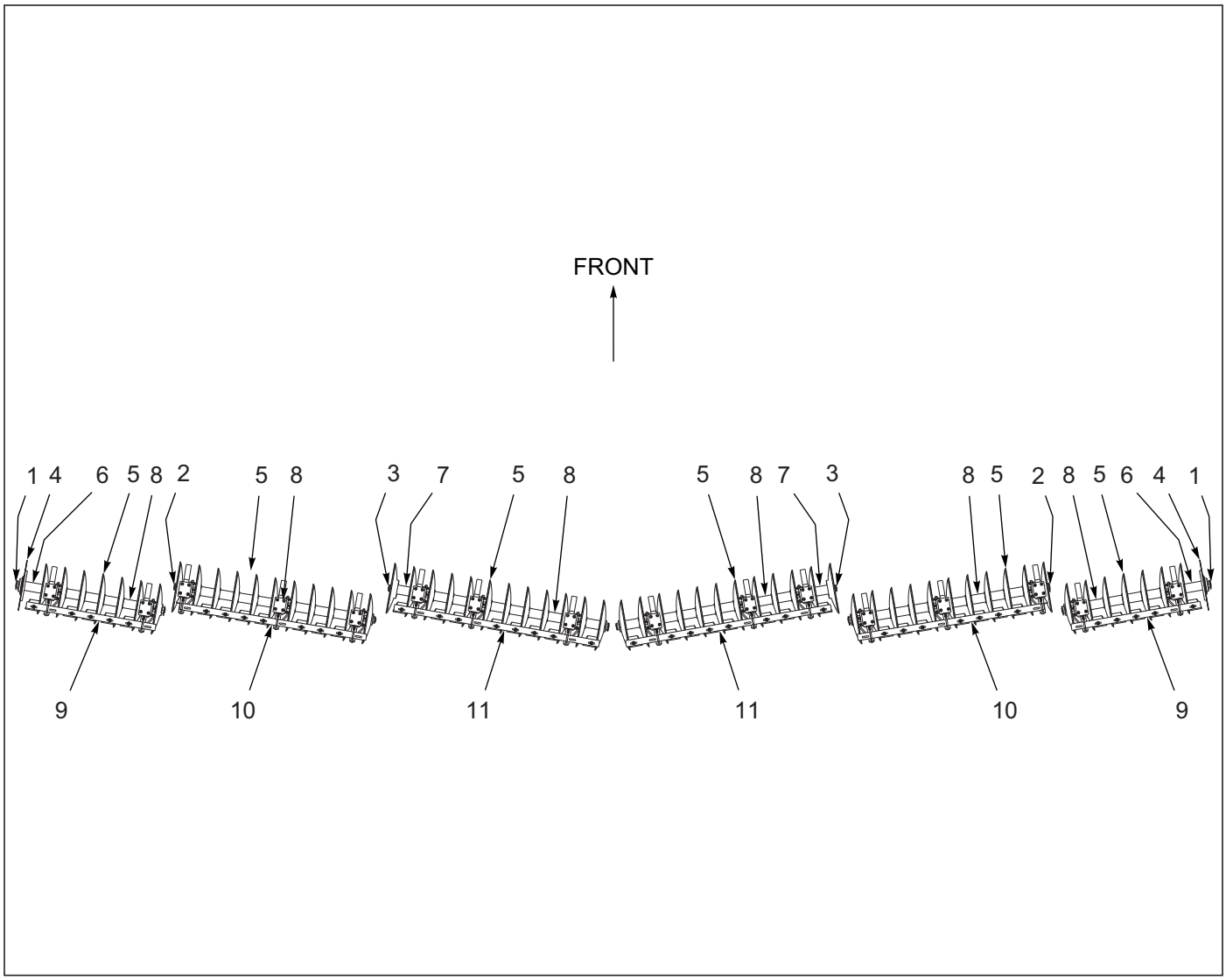


Figure 1-19: Disc Gang Layout 877-40'

Disc Gang Layout 877-40'

ITEM	PART NO.	DESCRIPTION	QTY.
--	216142	DISC ASSY, 877-40	
1	8-253-010028	DISC ROD WING FRAME 25FT 6IN	2
2	8-253-010027	DISC ROD MAIN FRAME 25FT 6IN	2
3	8-253-010021	DISC ROD MAIN FRAME DISC 30FT	2
4	2-217-010031	COULTER BLADE	2
5	8-253-010002	DISC BLADE 20IN	60
6	8-253-010010	SPOOL, OUTSIDE WLDMT	2
7	8-253-010043	END SPOOL, WING MAIN FRAME WLD	2
8	8-253-010007	SPOOL ASSY DISC GANG WLDMT	36
9	179767	SCRAPER BAR, 7-1/2 SP 7 HOLE	2
10	179770	SCRAPER BAR, 7-1/2 SP 10 HOLE	2
11	179771	SCRAPER BAR, 7-1/2 SP 11 HOLE	2

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NOTES:

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Disc Gang Shields

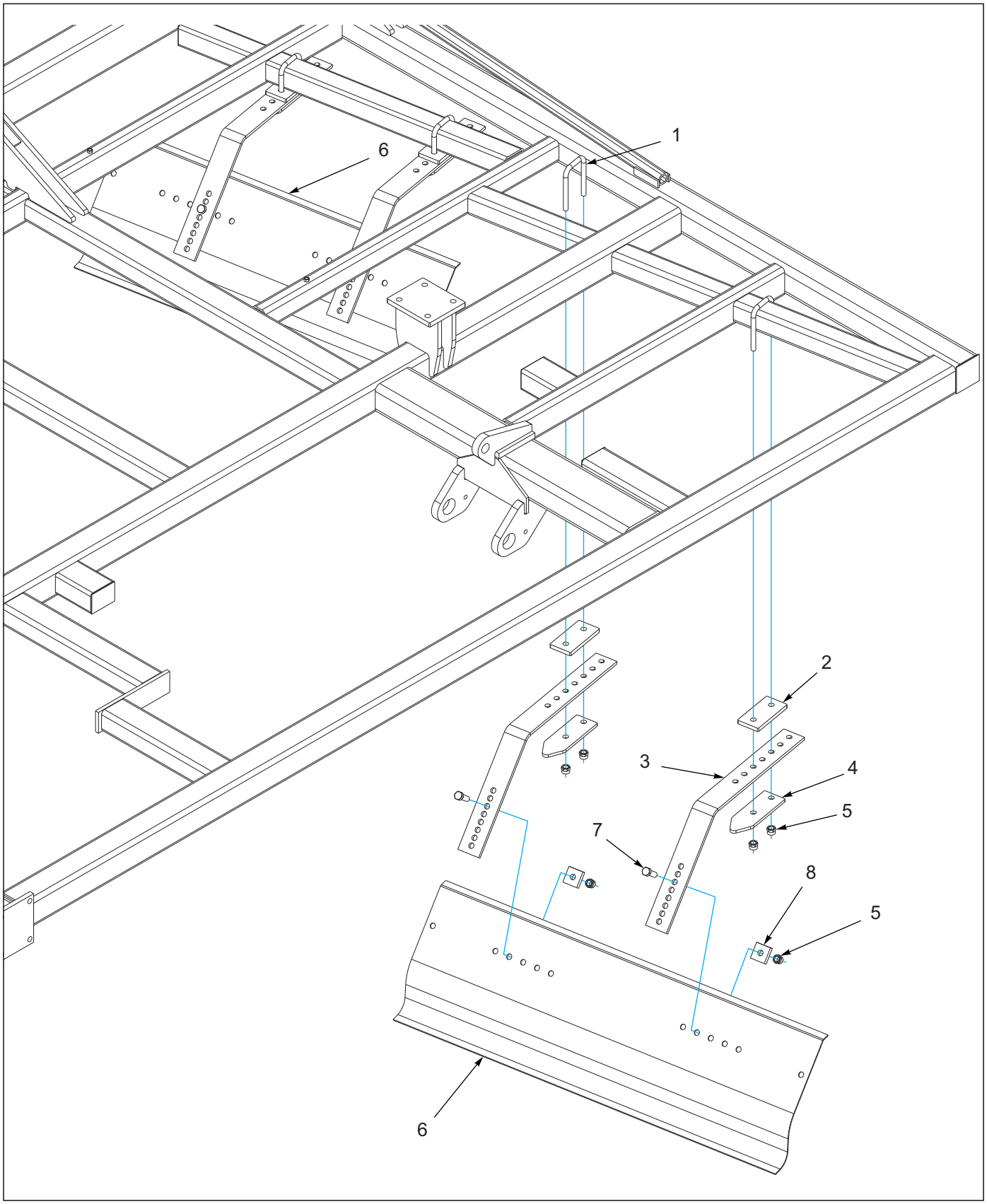


Figure 1-20: Disc Gang Shield Assembly

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Disc Gang Shield Assembly

ITEM	PART NO.	DESCRIPTION			QTY.
--	-----	877-30’ Disc Gang Shield	*		
--	-----	877-35’ Disc Gang Shield		*	
--	-----	877-40’ Disc Gang Shield			*
1	8-102-010023	U-BOLT SPRING CLAMP 1400	12	14	16
2	218910	PLATE, SPRAY SHIELD BRKT	12	14	16
3	8-681-010008	ADJ BRACKET SPRAY SHIELD 875	12	14	16
4	218908	SUPT PLATE, SHIELD BRKT	12	14	16
5	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	36	42	48
6	8-681-010011	SPRAY SHIELD 83 IN 875 **(877-30, 877-35 & 877-40 MAIN FRAME)**	2	2	2
6	8-681-010009	SPRAY SHIELD 76IN 875 **(877-30 WING & 877-40 INNER WING)**	2	--	2
6	8-681-010012	SPRAY SHIELD 55 IN 875 **(877-35 OUTER WING & 877-40 OUTER WING)**	--	2	2
6	8-681-010013	SPRAY SHIELD 48 IN 875 **(877-35 INNER WING)**	--	2	--
7	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	12	14	16
8	8-681-010010	BACKUP PLATE	12	14	16

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Shank Assemblies

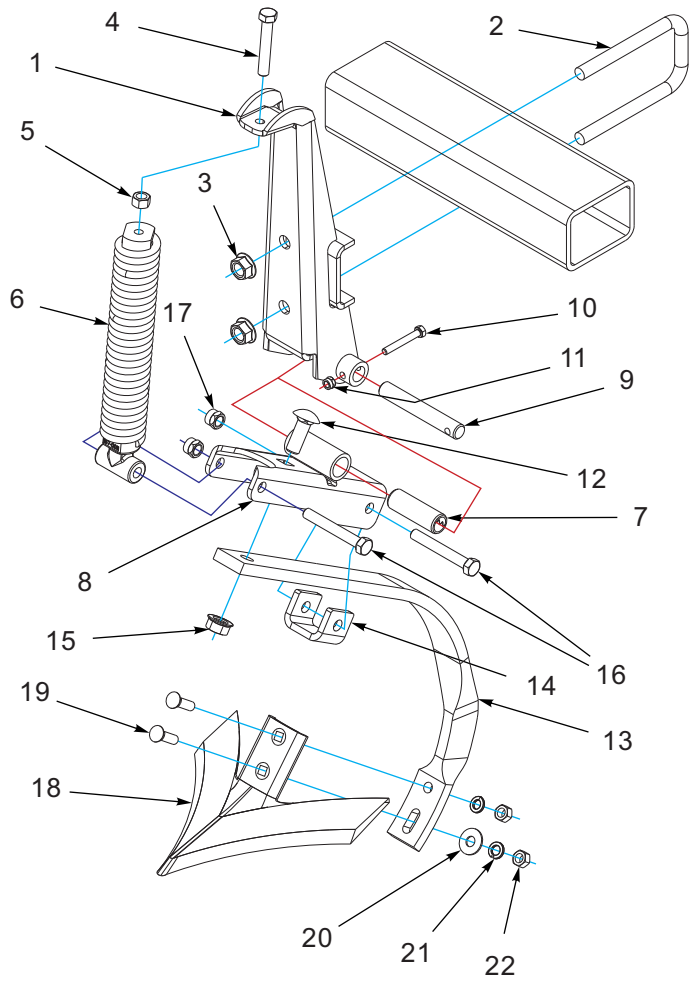


Figure 1-21: Spring Shank Assembly (Before 08-01-2020)

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Spring Shank Assembly (Before 08-01-2020)

ITEM	PART NO.	DESCRIPTION	QTY.
--	222157	SHANK ASSY, TILLOLL SPRING	
1	2-183-010090	CLAMP,WLDMT,UPPER SPRING CLMP	1
2	8-102-010043	U-BOLT, SPING CLAMP	1
3	100827	NUT,FLG HD,SERRATED,5/8-11	2
4	8-105-010006	CAPSCREW 1/2X13X3 F THD GR5	1
5	1-512-010007-09	NUT, HEX 1/2-13 GR2 ZP	1
6	8-183-010058	ASSY FIELD CULT SPRING	1
7	2-150-010058	SPRING BUSHING 1X3/4X3	1
8	178474	WLDMT, SPRING CLAMP **(INCLUDES ITEM NO. 7)**	1
9	2-557-010517	PIN,SPRING CLAMP, 850	1
10	108628	SCREW HX CP 5/16-18UNCX2-1/4	1
11	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	1
12	133662	SCRW RDHD SHT SQNK5/8-11X1.75	1
13	2-683-010079	SHANK "C" EDGE BENT	1
14	178475	CLAMP, SHANK	1
15	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	1
16	8-105-010004	1/2IN PIVOT BOLT SPRING CLAMP	2
17	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	2
18	2-689-010057	SWEEP 1/4X10 ULTRAWING	1
18	8-689-010009	SWEEP 10 IN 810-800A	1
19	7/16-14X1-1/2PW	PLOW BOLT ZP GR5	2
20	1-861-010032-13	WASHER FLAT 7/16	1
21	1-861-010034-12	WASHER,LOCKING HLC SPG 7/16	2
22	1-512-010007-08	NUT, HEX 7/16-14 GR2 ZP	2

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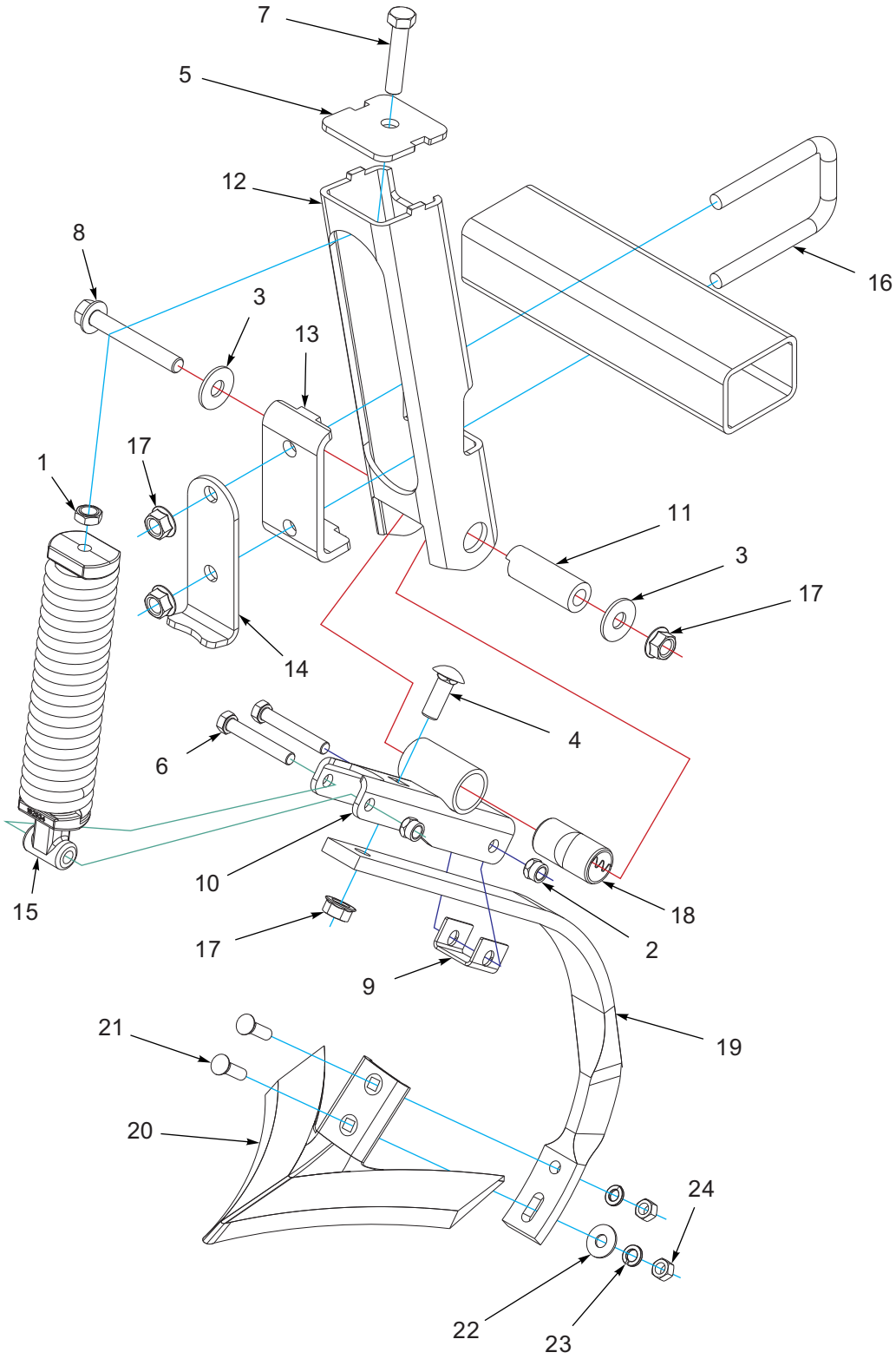


Figure 1-22: Spring Shank Assembly (After 08-01-2020)

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Spring Shank Assembly (After 08-01-2020)

ITEM	PART NO.	DESCRIPTION	QTY.
--	225540	SHANK ASSY, SPRING, 3 X 4 TUBE	
1	1-511-010001-07	NUT, HEX JAM 5/8-11	1
2	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	2
3	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	2
4	133662	SCRW RDHD SHT SQNK5/8-11X1.75	1
5	162906	PLATE, SPRING	1
6	164146	SCREW, HEX CAP 1/2-13X3-1/4	2
7	164147	SCREW HX CAP5/8-11X3 2-1/2THD	1
8	164192	SCREW 5/8-11UNCX4-1/2 FLG HD	1
9	166160	CLAMP, SHANK	1
10	172667	CLAMP, SHANK	1
11	172671	BUSHING, CLAMP	1
12	225541	SQ TUBE, SHANK MOUNT	1
13	225542	CLAMP, SHANK MOUNT	1
14	225543	STOP, SHANK MOUNT	1
15	225544	SPRING ASSY, 13-1/8 EXTENSION	1
16	229555	U-BOLT, 5/8 X 3-11/16 X 5-3/4	1
17	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	4
18	172672	BUSHING 1-1/2 X 1-1/4 X2-15/16	1
19	2-683-010079	SHANK "C" EDGE BENT	1
20	2-689-010057	SWEEP 1/4X10 ULTRAWING	1
20	8-689-010009	SWEEP 10 IN 810-800A	1
21	7/16-14X1-1/2PW	PLOW BOLT ZP GR5	2
22	1-861-010032-13	WASHER FLAT 7/16	1
23	1-861-010034-12	WASHER,LOCKING HLC SPG 7/16	2
24	1-512-010007-08	NUT, HEX 7/16-14 GR2 ZP	2

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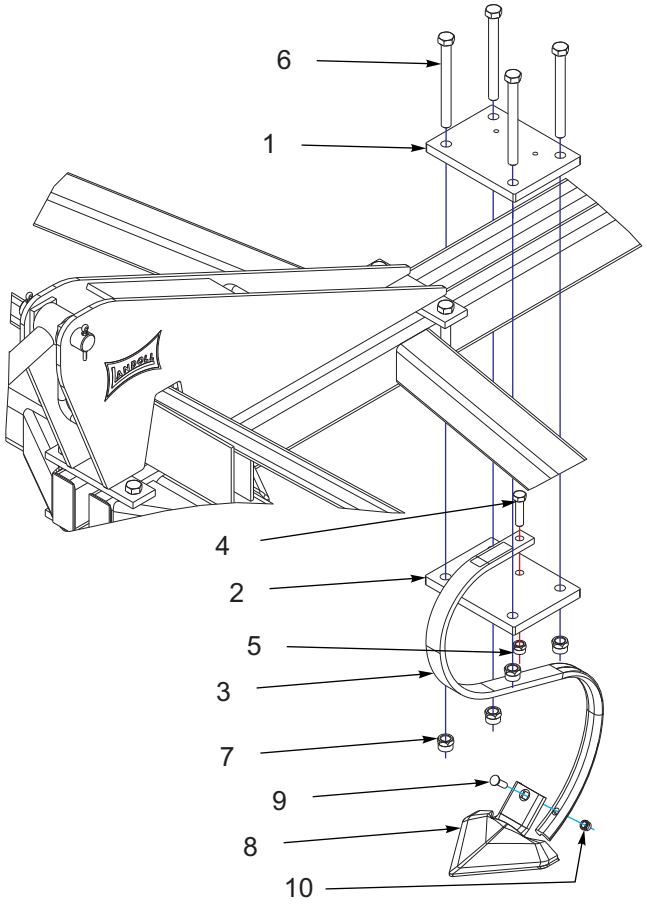


Figure 1-23: S-Tine Shank Assembly

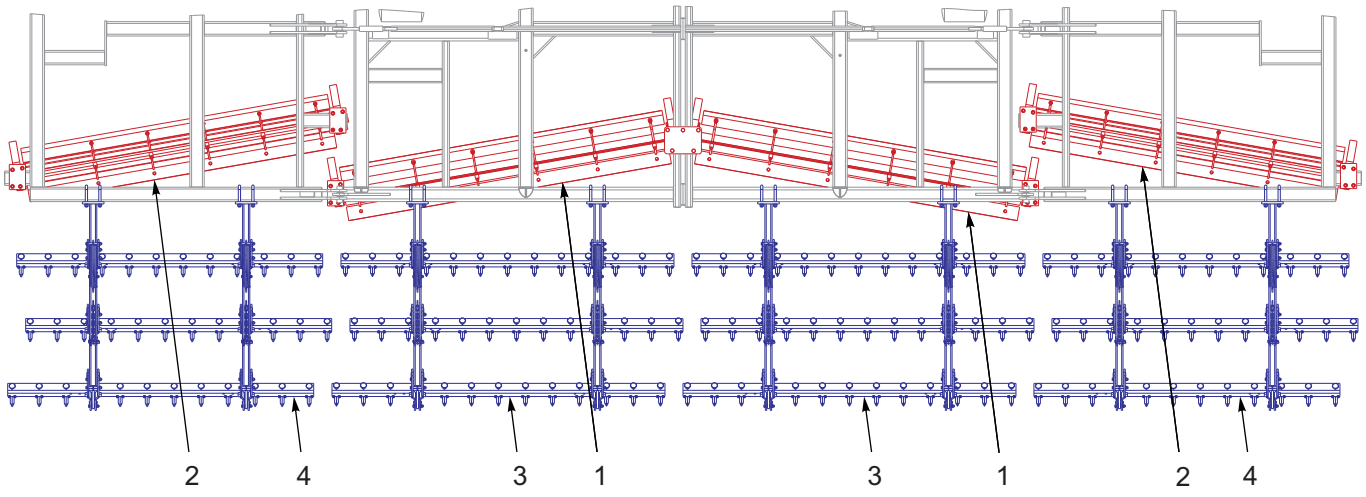
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S-Tine Shank Assembly

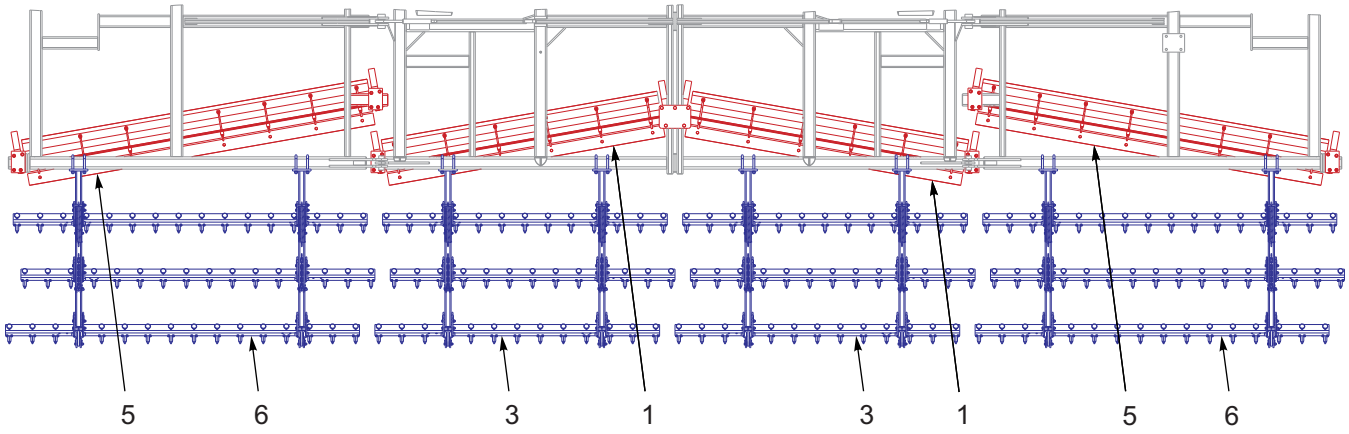
ITEM	PART NO.	DESCRIPTION	QTY.
--	B4-182-005	CLAMP, CENTER SHANK	
1	8-182-010023	MOUNTING BRACKET	1
2	8-182-010022	CENTER SHANK MOUNT	1
3	8-683-010021	CENTER SHANK	1
4	1-654-010055-05	SCREW,HEX CAP,1/2-13UNCX2 GR5	1
5	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	1
6	107-0018	HHCS 5/8-11X6-1/2LG GR5	4
7	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	4
8	8-689-010010	7IN DANISH SWEEP VS-7	1
9	3/8-16X1-1/2PB	BOLT PLOW 3/8 NO. 8 HEAD	2
10	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2

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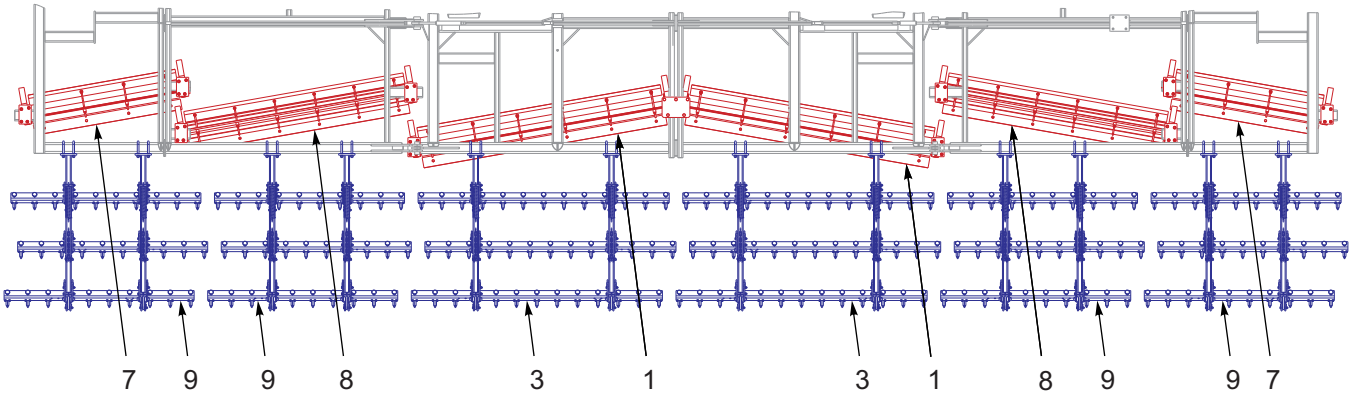
Reel & Harrow Assemblies



877-30' REEL &
HARROW LAYOUT



877-35' REEL &
HARROW LAYOUT



877-40' REEL &
HARROW LAYOUT

Figure 1-24: Chopper Reel Layout

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Reel & Harrow Layout

ITEM	PART NO.	DESCRIPTION			QTY.
--	-----	REEL & HARROW LAYOUT 877-30’	*		
--	-----	REEL & HARROW LAYOUT 877-35’		*	
--	-----	REEL & HARROW LAYOUT 877-40’			*
1	-----	REEL ASSEMBLY 91” **(SEE 1-47 THRU 1-49)**	2	2	2
2	-----	REEL ASSEMBLY 86-1/2” **(SEE 1-47 THRU 1-49)**	2	--	--
3	-----	HARROW ASSEMBLY 92-1/2” **(SEE PAGE 1-51)**	2	2	2
4	-----	HARROW ASSEMBLY 85” **(SEE PAGE 1-51)**	2	--	--
5	-----	REEL ASSEMBLY 114” **(SEE 1-47 THRU 1-49)**	--	2	--
6	-----	HARROW ASSEMBLY 115” **(SEE PAGE 1-51)**	--	2	--
7	-----	REEL ASSEMBLY 55” **(SEE 1-47 THRU 1-49)**	--	--	2
8	-----	REEL ASSEMBLY 82” **(SEE 1-47 THRU 1-49)**	--	--	2
9	-----	HARROW ASSEMBLY 70” **(SEE PAGE 1-51)**	--	--	4

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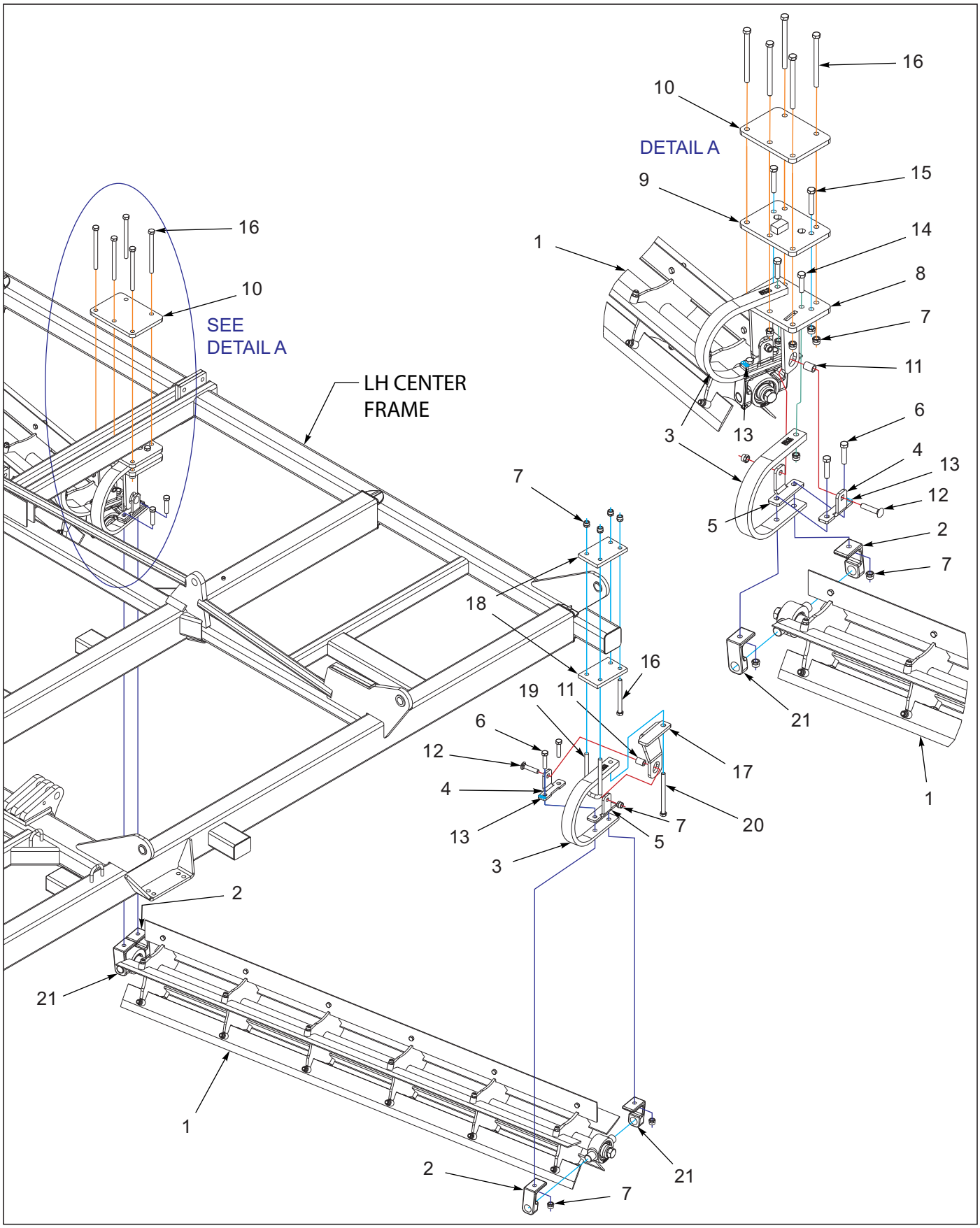


Figure 1-25: Reel Assembly

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Reel Assembly

ITEM	PART NO.	DESCRIPTION		QTY.
1	-----	REEL ASSEMBLY 877-30'-35' **(SEE PAGE 1-49)**	*	
1	-----	REEL ASSEMBLY 877-40' **(SEE PAGE 1-49)**		*
2	136509	HANGER, LH, REEL	8	12
3	8-683-010023	TAPER SPRING SHANK REEL	8	12
4	135443	BRACKET INNER BOTTOM REEL	8	12
5	135442	BRACKET OUTER BOTTOM REEL	8	12
6	1-654-010059-08	SCREW HX CP 5/8-11UNCX2-3/4G5	16	24
7	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	39	47
8	218904	WLDMT, CTR REEL BRKT	1	1
9	218905	PLATE, REEL BRKT SPACER	1	1
10	218907	PLATE, CTR REEL BRKT	1	1
11	RRT159	TUBE RD 1 X 11/16 1.41	8	12
12	164861	SCREW,RD HD SQNCK 5/8-11X3	8	12
13	2-573-010330-01	DECAL, LUBRICATION 5 HOURS	8	12
14	1-654-010059-07	SCREW HX CP 5/8-11UNCX2-1/2G5	2	2
15	1-654-010059-11	SCREW,HX CP 5/8-11UNCX3.5GR5	2	2
16	1-654-010059-21	SCREW,HEX CAP,5/8-11UNCX8 GR5	11	15
17	135439	BRACKET TOP REEL GUARD	6	10
18	8-622-010003	SHANK MOUNT REEL	12	20
19	8-102-010020	U BOLT REEL MOUNT	6	10
20	107-0018	HHCS 5/8-11X6-1/2LG GR5	6	10
21	136510	HANGER, RH, REEL	8	12

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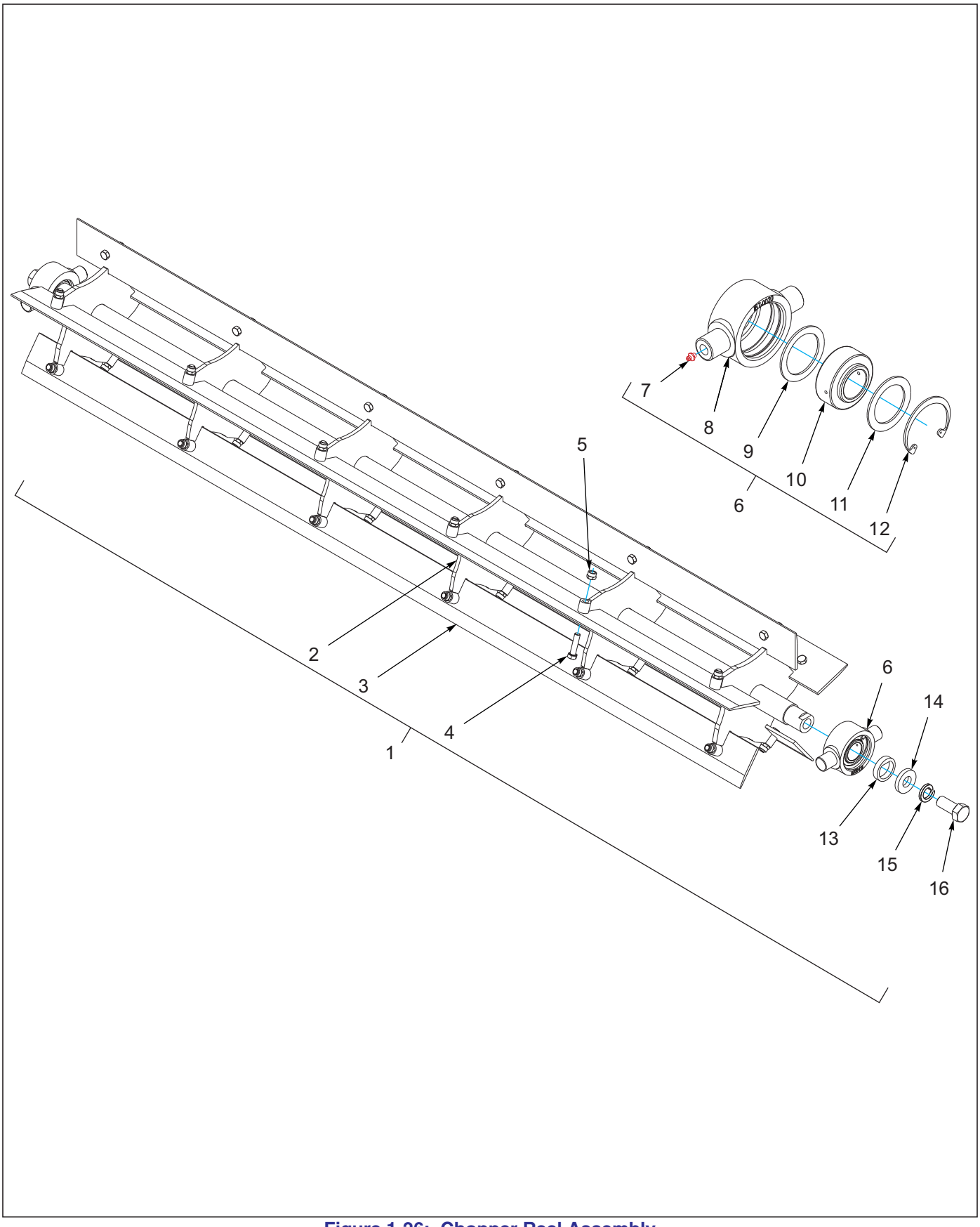


Figure 1-26: Chopper Reel Assembly

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Chopper Reel Assembly

ITEM	PART NO.	DESCRIPTION	QTY.			
1	218872	ASSY, CHOPPER REEL 91"	*			
1	218873	ASSY, CHOPPER REEL 82"		*		
1	218874	ASSY, CHOPPER REEL 55"			*	
1	222117	ASSY, CHOPPER REEL, 114"				*
2	218893	REEL WLDMT, 91" BLADE	1	--	--	--
2	218894	REEL WLDMT, 82" BLADE	--	1	--	--
2	218895	REEL WLDMT, 55" BLADE	--	--	1	--
2	222123	REEL WLDMT, 114" BLADE	--	--	--	1
3	8-622-010012	REEL BLADE 91 IN	5	--	--	--
3	8-622-010007	BLADE REEL 82 IN	--	5	--	--
3	8-622-010025	REEL BLADE 55 IN	--	--	5	--
3	8-622-010081	REEL BLADE 114"	--	--	--	5
4	1-654-010055-05	SCREW,HEX CAP,1/2-13UNCX2 GR5	30	30	20	40
5	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	30	30	20	40
6	218899	BEARING ASSY,Ø1.75 ID TRUNNION	2	2	2	2
7	1-298-010001-1	ZERK FITTING 1/4 SAE	2	2	2	2
8	1-065-010013	BEARING HOUSING TRUNNION MT	2	2	2	2
9	8-861-010008	WASHER FLAT	2	2	2	2
10	218900	BEARING,Ø1.75 CYLIN,W/O COLLAR	2	2	2	2
11	8-861-010009	WASHER FLAT	2	2	2	2
12	8-630-010001	RING RETAINING	2	2	2	2
13	218902	WASHER, FLAT TOP	2	2	2	2
14	218901	WASHER, 3/8	2	2	2	2
15	1-861-010034-21	WASHER, LKG HEL SPRG 1IN	2	2	2	2
16	137943	SCREW,HEX CAP 1-8UNCX2-1/4GR5	2	2	2	2

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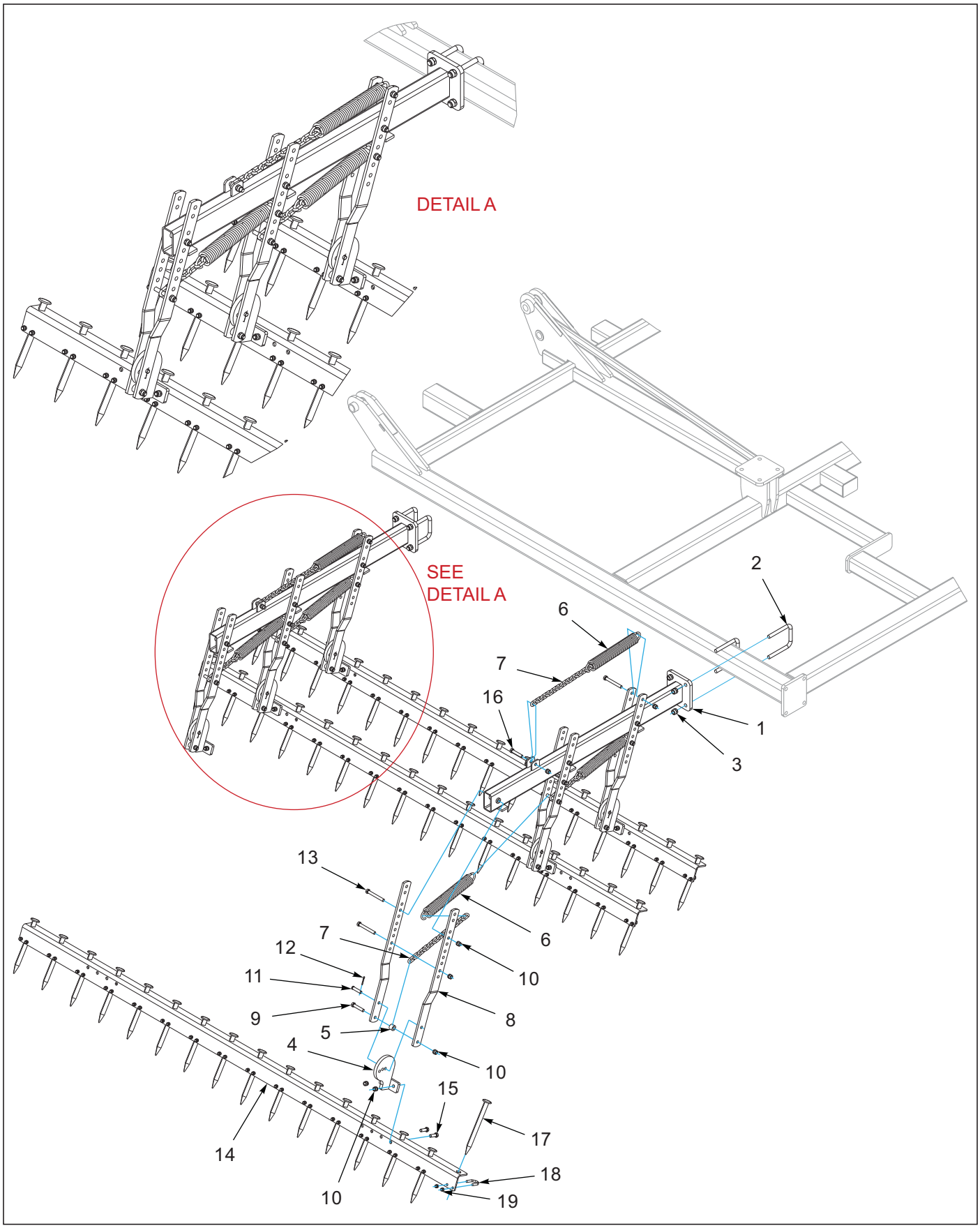


Figure 1-27: Harrow Assembly

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Harrow Assembly

ITEM	PART NO.	DESCRIPTION	QTY.		
--	-----	HARROW ASSEMBLY 877-30' **(SEE 1-45 FOR PROPER PLACEMENT)**	*		
--	-----	HARROW ASSEMBLY 877-35'**(SEE 1-45 FOR PROPER PLACEMENT)**		*	
--	-----	HARROW ASSEMBLY 877-40'**(SEE 1-45 FOR PROPER PLACEMENT)**			*
1	151029	HANGER ARM, HARROW, EXT WLDMT	8	8	12
2	6-102-010009	U-BOLT RIGID GA WHEEL	16	16	24
3	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	32	32	48
4	8-370-010008	HARROW ADJ BRACKET WLDMT	24	24	36
5	RRT128X.75	TUBE RD 1X9/16X3/4 CDBW	24	24	36
6	8-720-010011	HARROW SPRING	24	24	36
7	229587	CHAIN, 5/16 PROOF COIL,12 LINK	24	24	36
8	8-370-010007	HARROW ADJUSTMENT ARM	48	48	72
9	1-654-010055-07	SCREW HX CP 1/2-13UNCX2-1/2	24	24	36
10	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB40	128	128	188
11	0800-0500-02000	PIN CLEVIS 1/2X2	24	24	36
12	1-557-010362-40	PIN, COTTER 5/32X1-1/4	24	24	36
13	1-654-010055-13	SCREW,HEX CAP,1/2-13UNCX4 GR5	48	48	72
14	8-370-010011	HARROW 85 IN **(877-30' WINGS)**	6	--	--
14	8-370-010012	HARROW 92-1/2 IN **(877-30'-35'-40' CENTER)**	6	6	6
14	8-370-010040	HARROW 115" **(877-35' WINGS)**	--	6	--
14	8-370-010014	HARROW 70 IN **(877-40' WINGS)**	--	--	12
15	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	48	48	72
16	1-654-010055-07	SCREW HX CP 1/2-13UNCX2-1/2	8	8	12
17	8-370-010001	TEETH,HARROW 3/4 SQ 11H	150	150	198
18	8-102-010017	U-BOLT HARROW SPIKE	150	150	198
19	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	300	300	396

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Lift Hydraulics

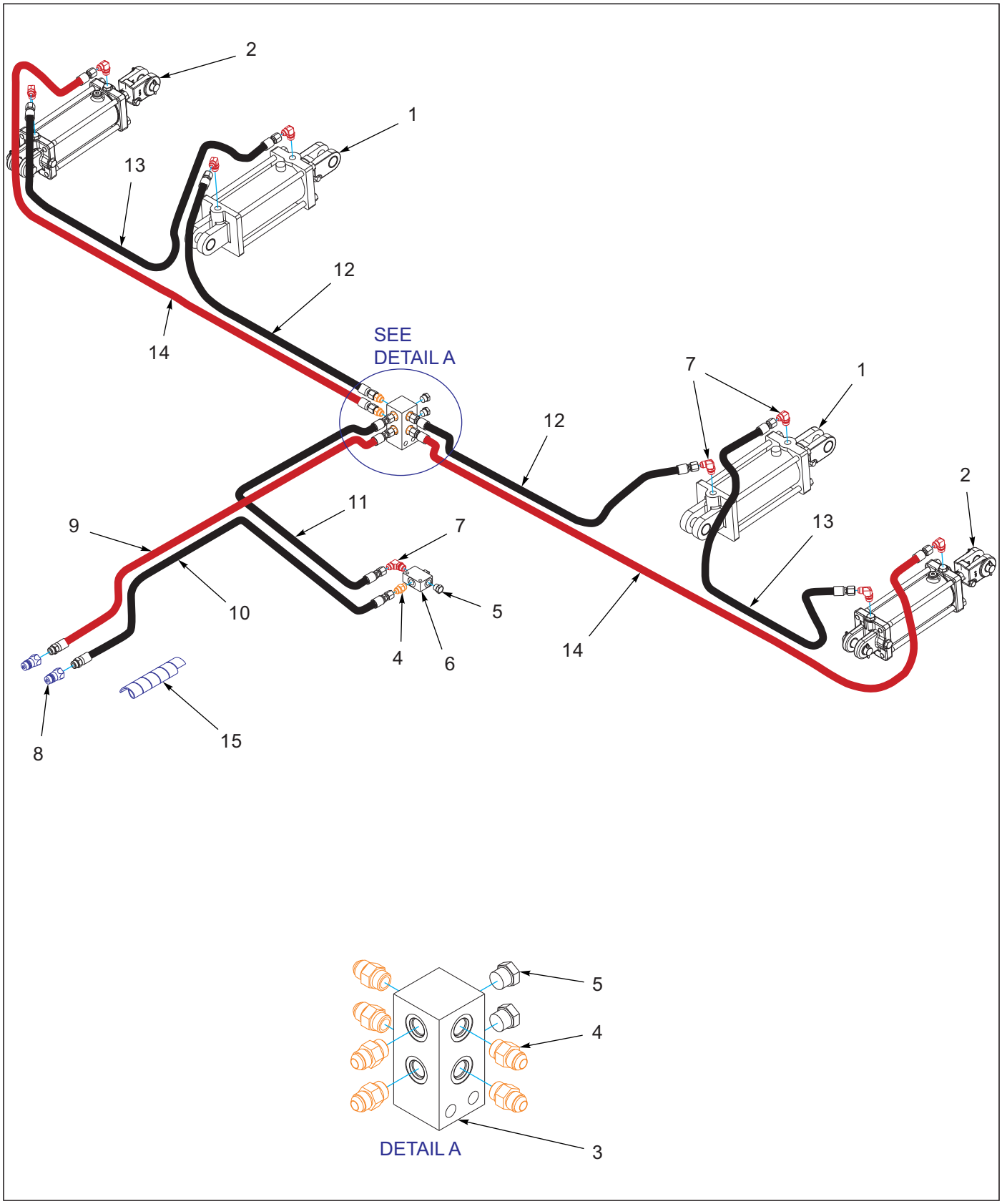


Figure 1-28: Lift Hydraulic Assembly

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Lift Hydraulic Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	134558	CYLINDER,4-1/2X8 MASTER 876 **(SEE PAGE 1-58)**	2
2	1-242-010173-5	CYLINDER HYD 4X8 SLAVE 1 **(SEE PAGE 1-59)**	2
3	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	1
4	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	7
5	1-007-010025	PLUG, 3/4-16 O-RING BOSS	3
6	185660	VALVE, LIMIT	1
7	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	9
8	141828	COUPLER,MALE 3/4-16 O-RING	2
9	176996	HOSE 1/2 X 220, #8JIC X #8OR	1
10	208811	HOSE ASSY, 1/2X255,-8FJX,-8ORB	1
11	168521	HOSE ASSY 1/2X67 SAE37 STR-STR	1
12	209436	HOSE ASSY, 3/8X76,-8FJX,-8FJX	2
13	231852	HOSE ASSY, 3/8X122,-8FJX,-8FJX **(877-30')**	2
13	159569	HOSE ASSY 3/8X161,#8JIC SWVL **(877-35')**	2
13	150273	HOSE ASSY 3/8X185 #8JIC SWIVL **(877-40')**	2
14	141883	HOSE ASSY 3/8X190 #8 JIC SWIV **(877-30')**	2
14	211327	HOSE ASSY,3/8X218,8FJS ENDS **(877-35')**	2
14	71510821	HOSE, .38 X 244 IN. **(877-40')**	2
15	155528	HOSE WRAP, BLUE 1" ID X 8"	1

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Fold Hydraulics

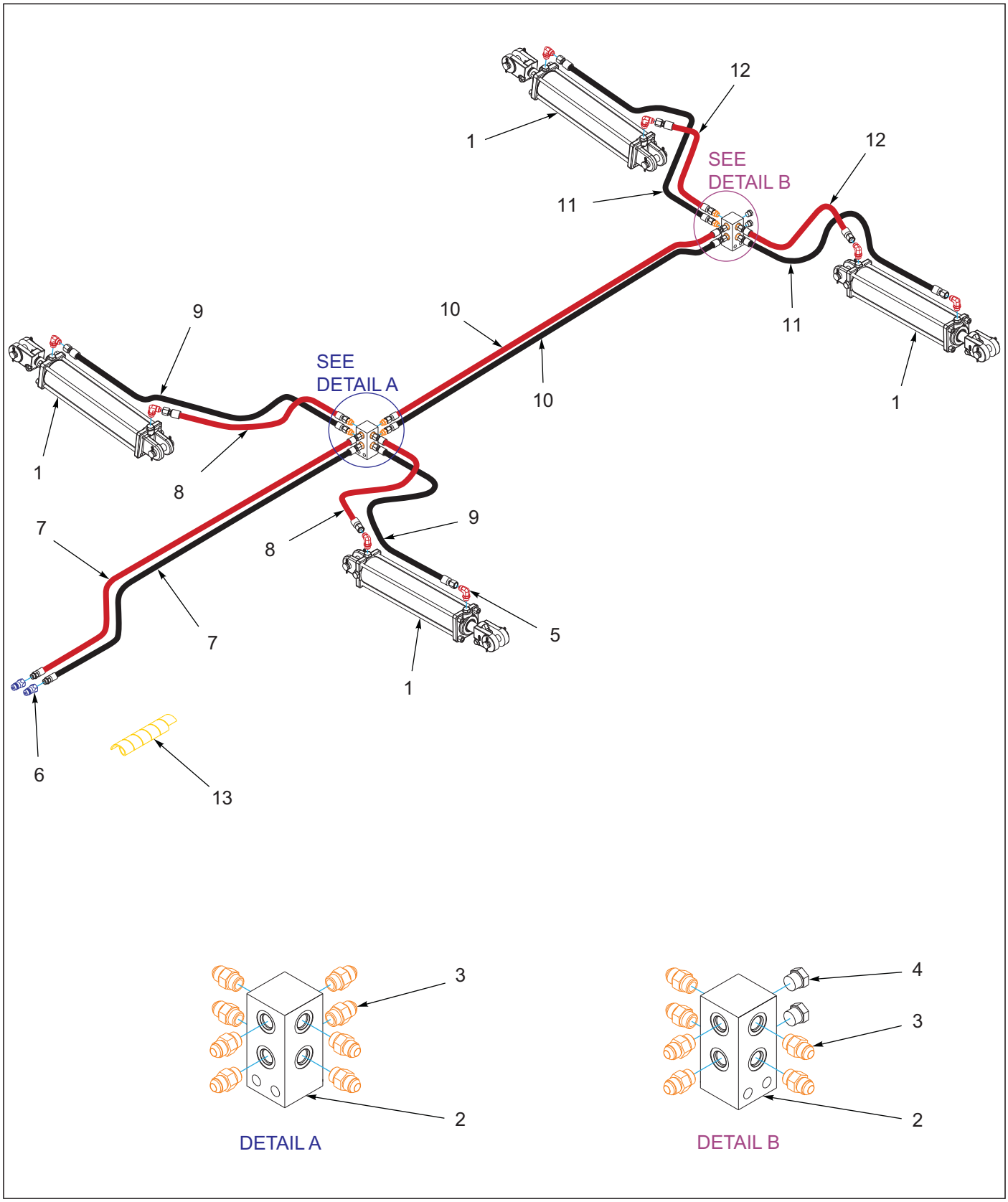


Figure 1-29: Fold Hydraulic Assembly 877-30'

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Fold Hydraulic Assembly 877-30’

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-242-010179-2	CYLINDER,HYD 3-1/2X16 3000PSI **(SEE PAGE 1-60)**	4
2	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	2
3	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	14
4	1-007-010025	PLUG, 3/4-16 O-RING BOSS	2
5	141826	ELBOW 90 1/16 RES	8
6	141828	COUPLER,MALE 3/4-16 O-RING	2
7	186237	HOSE 1/2X195 #8JIC X #8OR	2
8	122910	HOSE ASSY 3/8X70,#8 JIC SWVL	2
9	116433	HOSE ASSY 3/8X90 #8 JIC SWV	2
10	1407064	HOSE ASSY,1/2X82.25, SAE37,STR	2
11	208479	HOSE ASSY 3/8X84,8FJS ENDS	2
12	116489	HOSE ASSY 3/8X64 #8 JIC SW	2
13	155529	HOSE WRAP, YELLOW 1" ID X 8"	1

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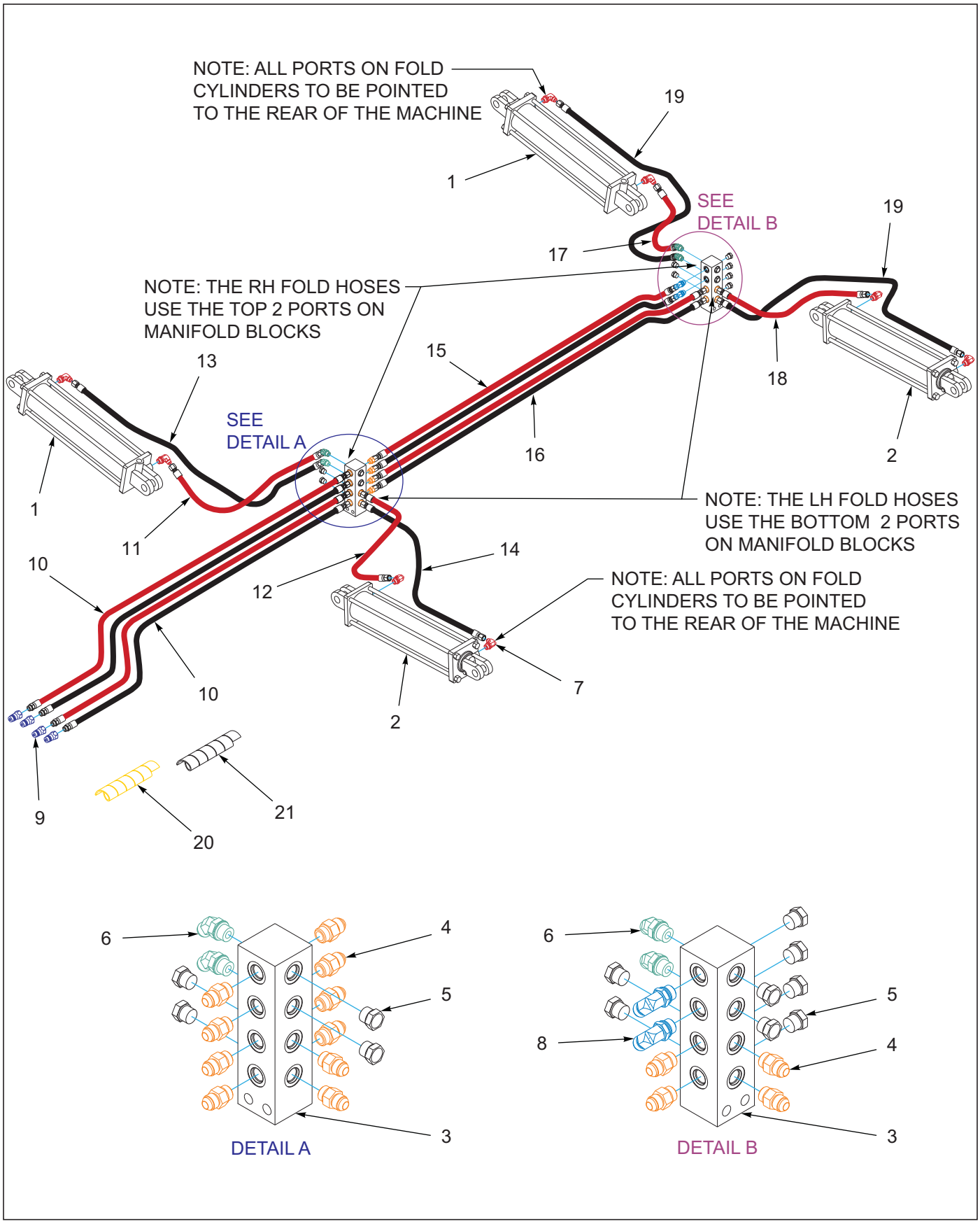


Figure 1-30: Fold Hydraulic Assembly 877-35'-40'

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Fold Hydraulic Assembly 877-35’-40’

ITEM	PART NO.	DESCRIPTION	QTY.
1	107899	CYLINDER, 4-1/2X16 SIDE PORT **(SEE PAGE 1-61) (RH WING)**	2
2	108265	CYLINDER, 4-1/2X20 SIDE PORT **(SEE PAGE 1-62)** (**LH WING)**	2
3	141594	MANIFOLD, HYDRAULIC 16 PORT	2
4	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	14
5	1-007-010025	PLUG, 3/4-16 O-RING BOSS	12
6	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	4
7	162778	EL 90 7/8 ORING 3/4 JIC 1/16 **(DEPENDS ON CYLINDER VENDOR)**	8
7	141826	ELBOW 90 1/16 RES **(DEPENDS ON CYLINDER VENDOR)**	8
8	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	2
9	141828	COUPLER,MALE 3/4-16 O-RING	4
10	186237	HOSE 1/2X195 #8JIC X #8OR	4
11	122910	HOSE ASSY 3/8X70,#8 JIC SWVL	1
12	153843	HOSE ASSY 3/8X67 #8 JIC SWIV	1
13	195647	HOSE ASSY, 3/8X93 #8 JIC SWIV	1
14	192481	HOSE ASSY 3/8 X 88	1
15	1413640	HOSE ASSY 1/2X91,SAE37,ST-ST	2
16	1407064	HOSE ASSY,1/2X82.25, SAE37,STR	2
17	123547	HOSE ASSY 3/8X56 #8 JIC SWIVL	1
18	208812	HOSE ASSY, 3/8X52,-8FJX,-8FJX	1
19	116490	HOSE ASSY 3/8X78 #8 JIC SW	2
20	155529	HOSE WRAP, YELLOW 1" ID X 8"	1
21	155530	HOSE WRAP, BLACK 1" ID X 8"	1

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Cylinders

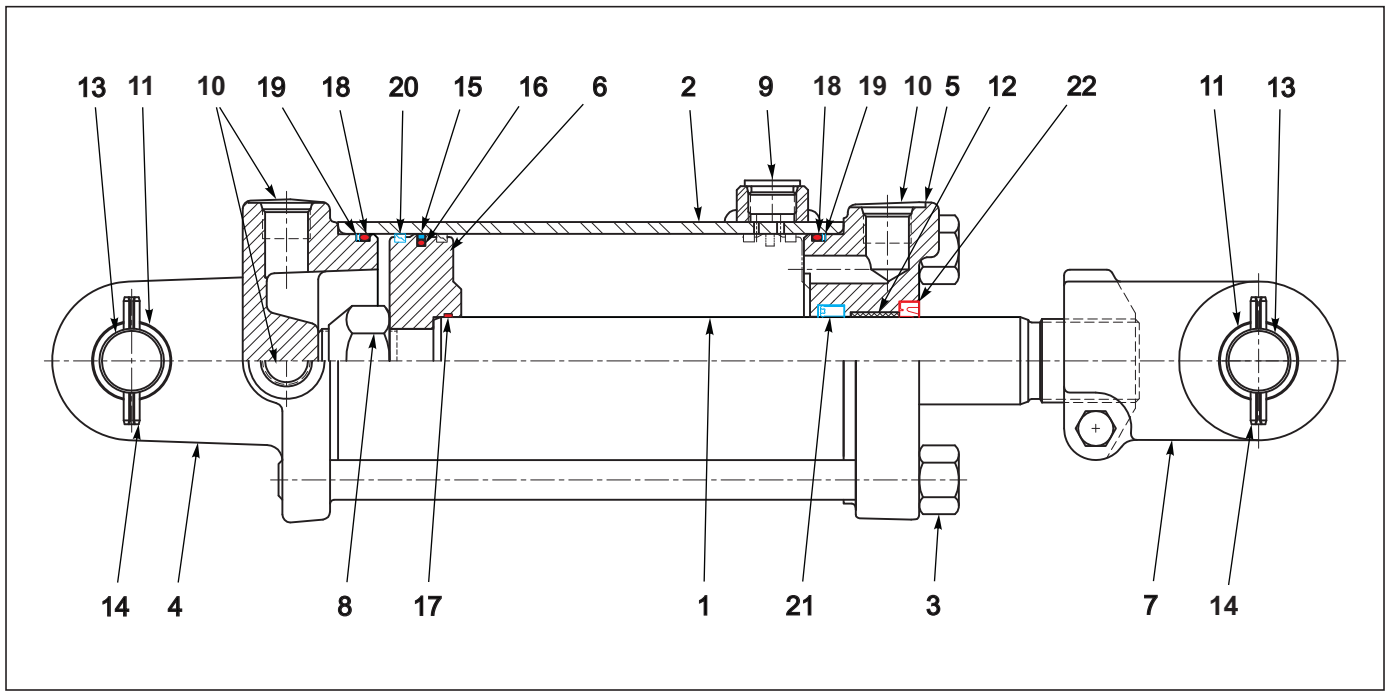


Figure 1-31: Cylinder - Rephase Assembly 4-1/2 X 8

Cylinder - Rephase Assembly 4-1/2 X 8

ITEM	PART NO.	DESCRIPTION	QTY.
--	134558	CYLINDER,4-1/2X8 MASTER 876	
1	-----	ROD, PISTON	1
2	-----	TUBE ASSY	1
3	-----	TIEROD ASSY	4
4	-----	BUTT CLEVIS ASSY	1
5	103153	GLAND ASSEMBLY	1
6	-----	PISTON	1
7	137304	CLEVIS ASSY	1
8	-----	LOCKNUT	1
9	-----	SHIPPING PLUG	1
10	-----	SHIPPING PLUG	3
11	-----	BUSHING	4
12	-----	BUSHING	1
13	142122	CLEVIS PIN	2
14	111789	ROLL PIN	4
15	-----	TEFLON SEAL	1
16	-----	O- RING	1
17	-----	O- RING	2
18	-----	O- RING	2
19	-----	BU- WASHER	1
20	-----	BEARING RING	1
21	-----	U- CUP	1
22	-----	WIPER	1
23	135913	PACKING KIT **(NOT SHOWN) (INCLUDES ITEMS 15-22)**	

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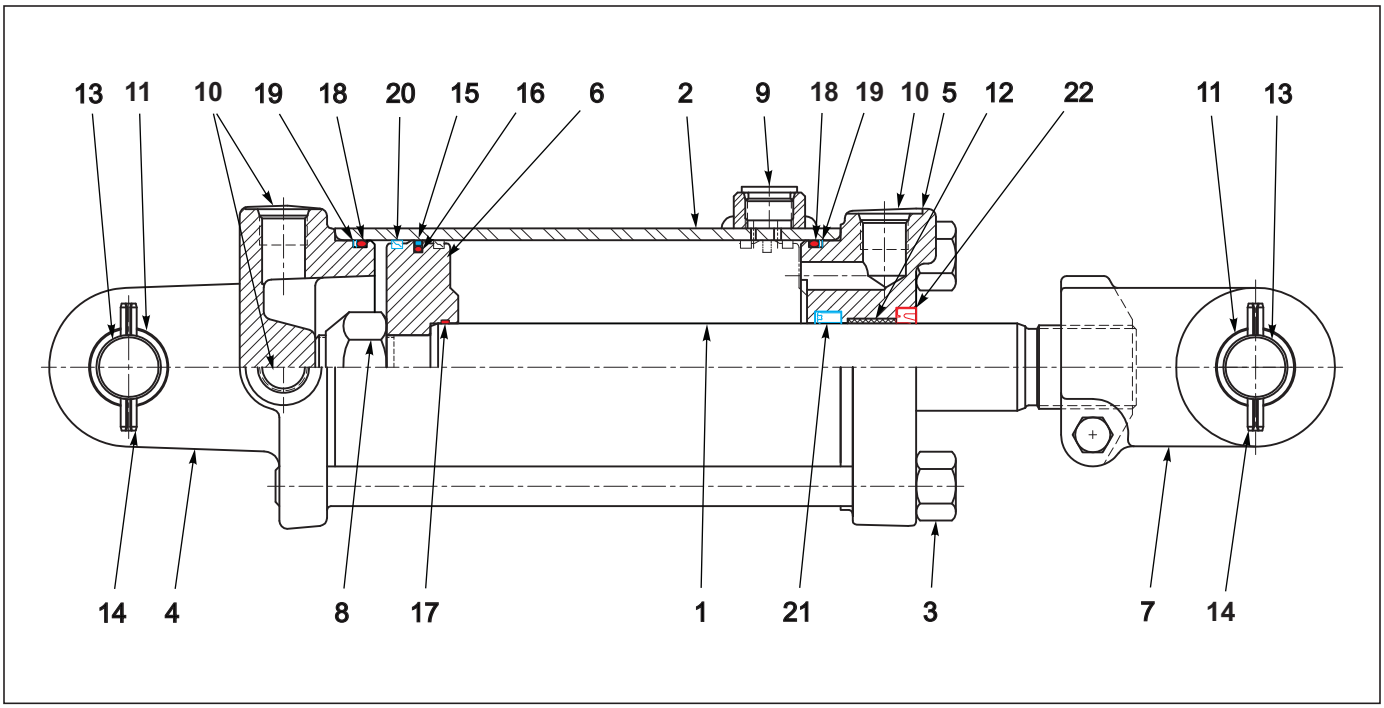


Figure 1-32: Cylinder - Rephase Assembly 4 X 8

Cylinder - Rephase Assembly 4 X 8

ITEM	PART NO.	DESCRIPTION	QTY.
--	1-242-010173-5	CYLINDER HYD 4X8 SLAVE 1	
1	-----	ROD, PISTON	1
2	-----	TUBE ASSY	1
3	-----	TIEROD ASSY	4
4	-----	BUTT CLEVIS ASSY	1
5	081900374	GLAND ASSEMBLY	1
6	-----	PISTON	1
7	111874	CLEVIS ASSY	1
8	-----	LOCKNUT	1
9	-----	SHIPPING PLUG	1
10	-----	SHIPPING PLUG	3
11	-----	BUSHING	4
12	-----	BUSHING	1
13	111790	CLEVIS PIN	2
14	111789	ROLL PIN	4
15	-----	TEFLON SEAL	1
16	-----	O- RING	1
17	-----	O- RING	2
18	-----	O- RING	2
19	-----	BU- WASHER	1
20	-----	BEARING RING	1
21	-----	U- CUP	1
22	-----	WIPER	1
23	113215	PACKING KIT **(NOT SHOWN) (INCLUDES ITEMS 15-22)**	

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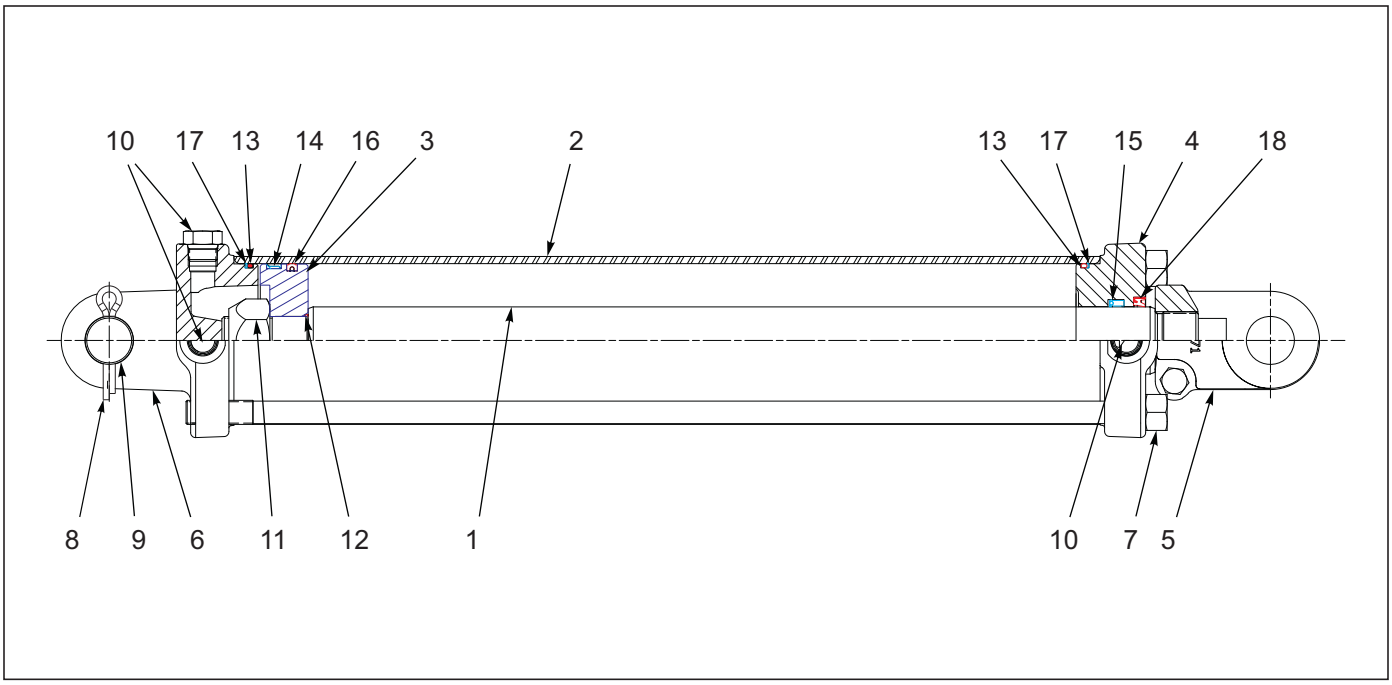


Figure 1-33: Cylinder - Assembly 3-1/2 X 16

Cylinder - 3-1/2 X 16

ITEM	PART NO.	DESCRIPTION	QTY.
--	1-242-010179-2	CYLINDER,HYD 3-1/2X16 3000PSI	
1	-----	PISTON ROD	1
2	-----	TUBE	1
3	-----	PISTON	1
4	111870	GLAND	1
5	-----	CLEVIS ASSY	1
6	-----	BUTT CLEVIS	1
7	-----	TIE ROD STUD W/HEX NUT	4
8	-----	COTTER PIN	2
9	111790	CLEVIS PIN	1
10	-----	#8 SAE HEX HEAD PLUG	3
11	-----	LOCK NUT	1
12	-----	O- RING	1
13	-----	O- RING	2
14	-----	PISTON BEARING RING	1
15	-----	U-CUP	1
16	-----	CROWN SEAL	1
17	-----	BU- WASHER	2
18	-----	CANNED WIPER	1
19	1-242-010178-2	PACKING KIT **(NOT SHOWN) (INCL ITEMS 12-18)**	

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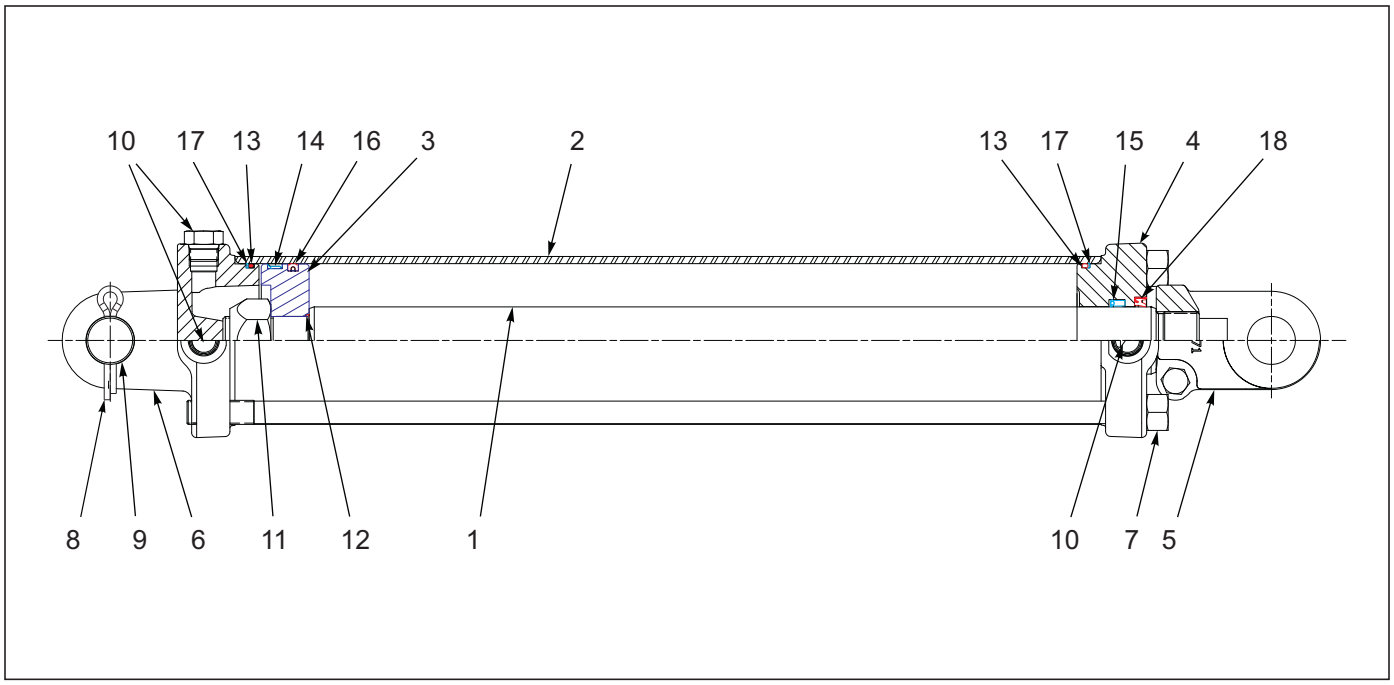


Figure 1-34: Cylinder - Assembly 4-1/2 X 16

Cylinder - 4-1/2 X 16

ITEM	PART NO.	DESCRIPTION	QTY.
--	107899	CYLINDER, 4-1/2X16 SIDE PORT	
1	-----	PISTON ROD	1
2	-----	TUBE	1
3	-----	PISTON	1
4	163038	GLAND	1
5	100000362	CLEVIS ASSY	1
6	-----	BUTT CLEVIS	1
7	-----	TIE ROD STUD W/HEX NUT	4
8	-----	COTTER PIN	2
9	-----	CLEVIS PIN	1
10	-----	#8 SAE HEX HEAD PLUG	3
11	-----	LOCK NUT	1
12	-----	O- RING	1
13	-----	O- RING	2
14	-----	PISTON BEARING RING	1
15	-----	U-CUP	1
16	-----	CROWN SEAL	1
17	-----	BU- WASHER	2
18	-----	CANNED WIPER	1
19	132077	PACKING KIT **(NOT SHOWN) (INCL ITEMS 12-18)**	

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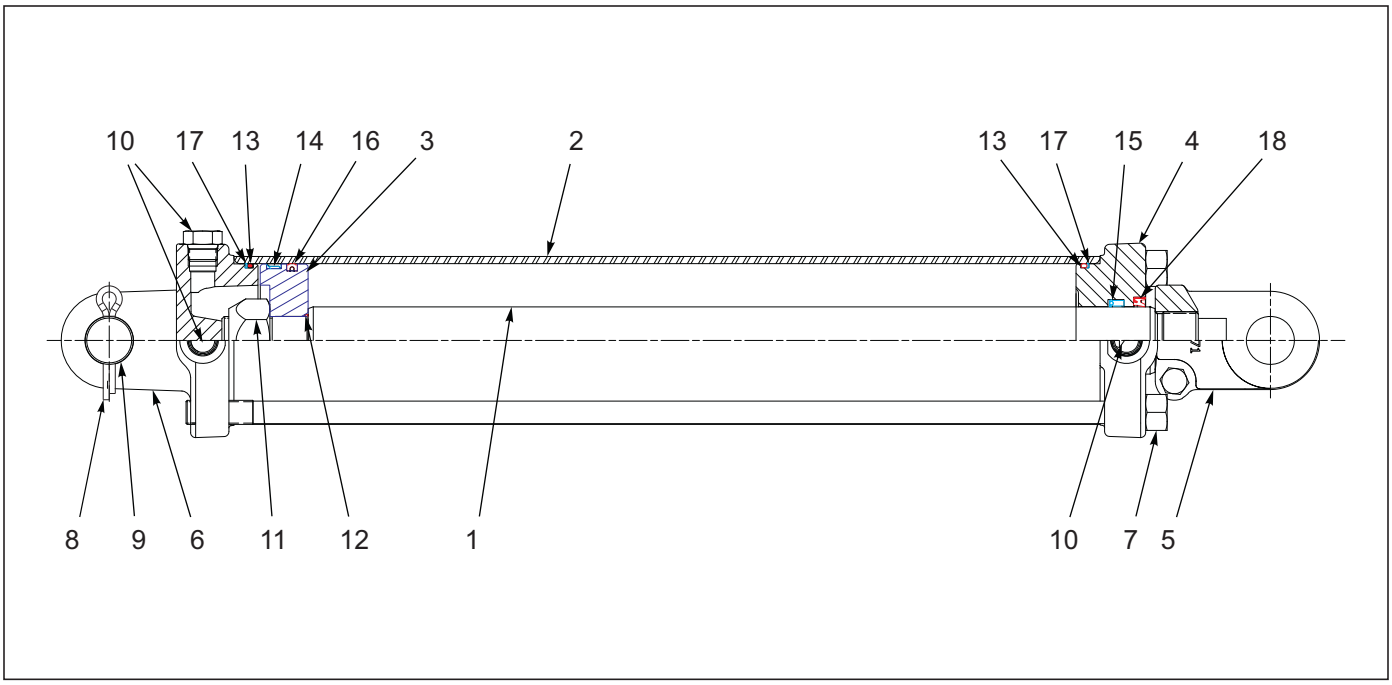


Figure 1-35: Cylinder - Assembly 4-1/2 X 20

Cylinder - 4-1/2 X 20

ITEM	PART NO.	DESCRIPTION	QTY.
--	108265	CYLINDER, 4-1/2X20 SIDE PORT	
1	-----	PISTON ROD	1
2	-----	TUBE	1
3	-----	PISTON	1
4	163038	GLAND	1
5	100000362	CLEVIS ASSY	1
6	-----	BUTT CLEVIS	1
7	-----	TIE ROD STUD W/HEX NUT	4
8	-----	COTTER PIN	2
9	-----	CLEVIS PIN	1
10	-----	#8 SAE HEX HEAD PLUG	3
11	-----	LOCK NUT	1
12	-----	O- RING	1
13	-----	O- RING	2
14	-----	PISTON BEARING RING	1
15	-----	U-CUP	1
16	-----	CROWN SEAL	1
17	-----	BU- WASHER	2
18	-----	CANNED WIPER	1
19	132077	PACKING KIT **(NOT SHOWN) (INCL ITEMS 12-18)**	

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Electrical

7-PIN CONNECTOR	4-PIN TOWER	2-PIN TOWER	CIRCUIT
1	D	A	GROUND
2	–	–	WORK LAMPS
3	B	–	LEFT FLASHING & TURN
4	–	–	STOP LAMPS
5	A	–	RIGHT FLASHING & TURN
6	C	–	TAIL LAMPS
7	–	B	SWITCHED POWER (12 V)

MAIN WARNING LIGHT HARNESS - WIRING CHART

	1	2	3	4	5
	2-PIN TOWER	3-PIN TOWER	6-PIN SHROUD	3-PIN TOWER	2-PIN TOWER
BLACK LEFT TURN			A	C	
WHITE GROUND	A	A	B	A	A
BROWN TAIL LIGHT		B	C	B	
YELLOW LEFT TURN			D		B
GREEN RIGHT TURN	B		E		
RED RIGHT TURN		C	F		

REAR WARNING LIGHT HARNESS - WIRING CHART

Figure 1-36: Electrical Assembly W/ LED Lights (1 of 2)

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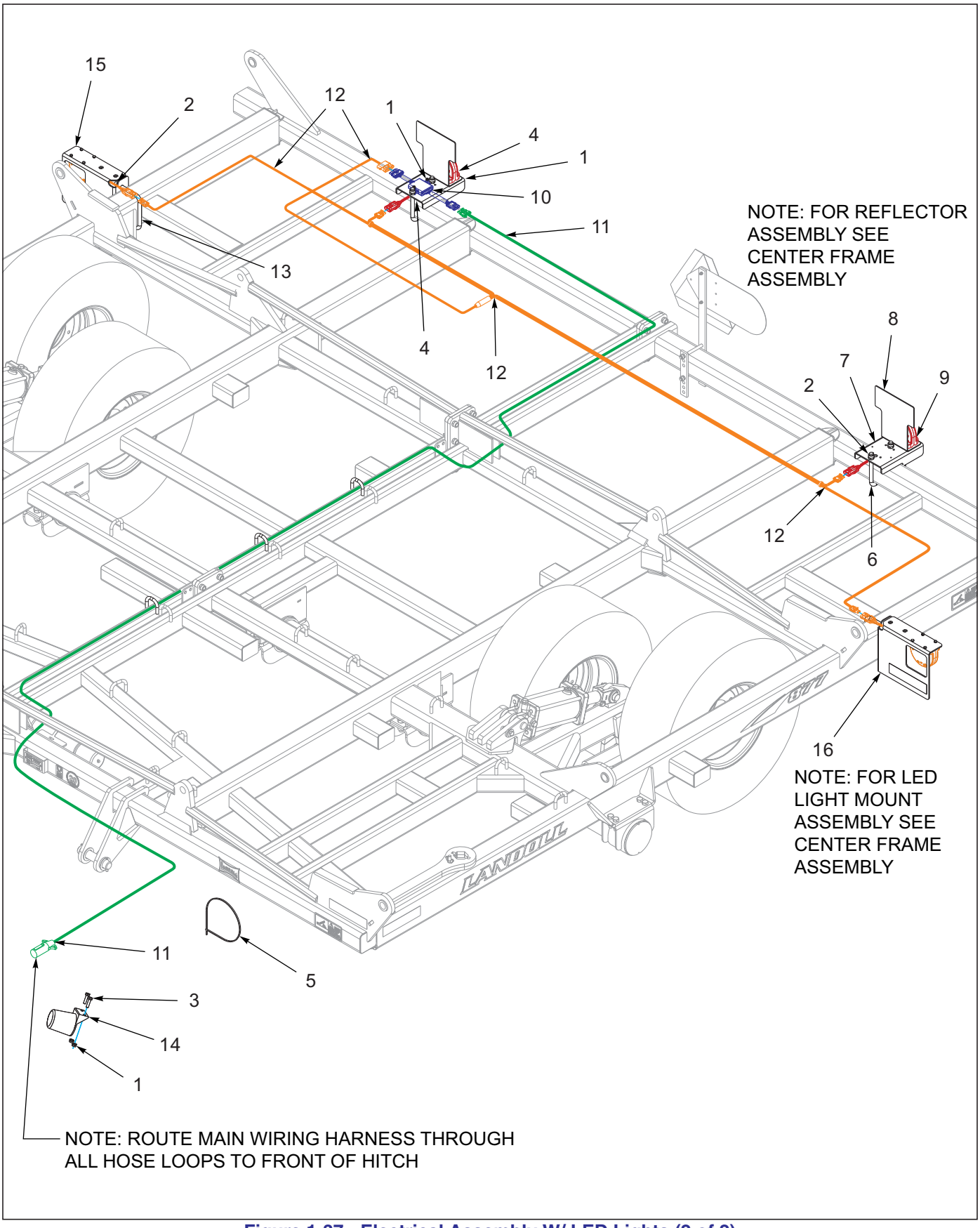


Figure 1-37: Electrical Assembly W/ LED Lights (2 of 2)

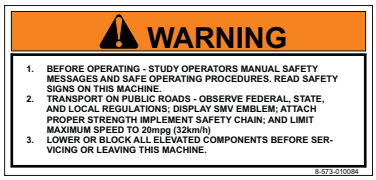
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Electrical Assembly W/ LED Lights

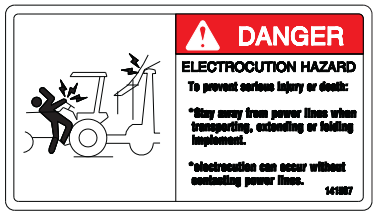
ITEM	PART NO.	DESCRIPTION	QTY.
--	222131	LED LIGHT KIT, 877	
1	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	12
2	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	8
3	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
4	1-654-010047-08	SCREW HX CP,1/4-20UNCX1-1/2G5	10
5	105874	TIE,STRAP PLSTC 21.5-24X.301	15
6	141228	U-BOLT 5/8X4X6-1/2	2
7	164138	MOUNT, LIGHT TAIL **(SEE PAGE 1-3)**	2
8	164140	REFLECTOR ASSY **(SEE PAGE 1-3)**	2
9	174435	LAMP, AG RED SINGLE LED	2
10	174437	MODULE, AG FLASHER CONTROL **(SEE PAGE 1-3)**	1
11	174438	HARNESS, MAIN WARNING LIGHTS	1
12	174439	HARNESS, REAR WARNING LIGHTS	1
13	2-102-010032	U BOLT CENTER SHANK MT.	2
14	2-368-010287	HARNESS, STOR-A-WAY **(SEE PAGE 1-3)**	1
15	222132	LIGHT ASSY, RH LED AMBER **(SEE PAGE 1-3)**	1
16	222133	LIGHT ASSY, LH LED AMBER **(SEE PAGE 1-3)**	1

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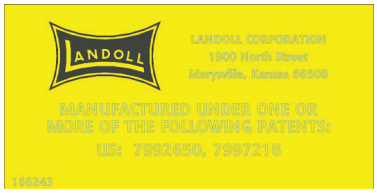
Decals



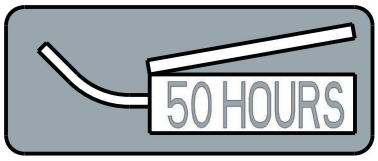
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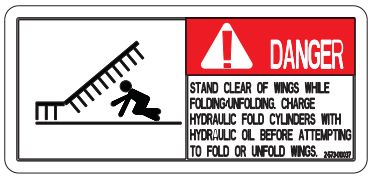
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LANDOLL

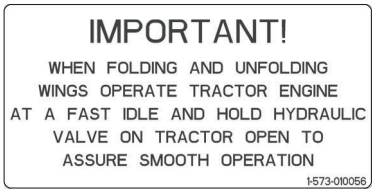
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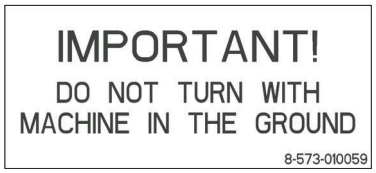
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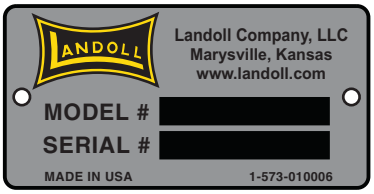
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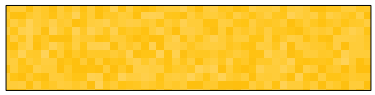


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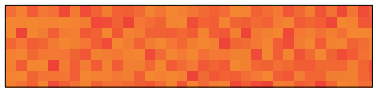
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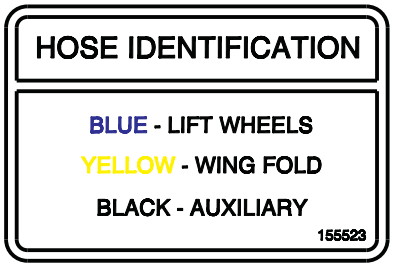
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Figure 1-38: Decals (1 of 2)

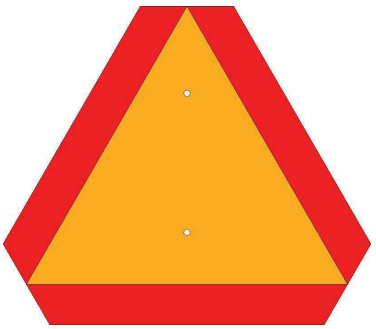
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Figure 1-39: Decals (2 of 2)

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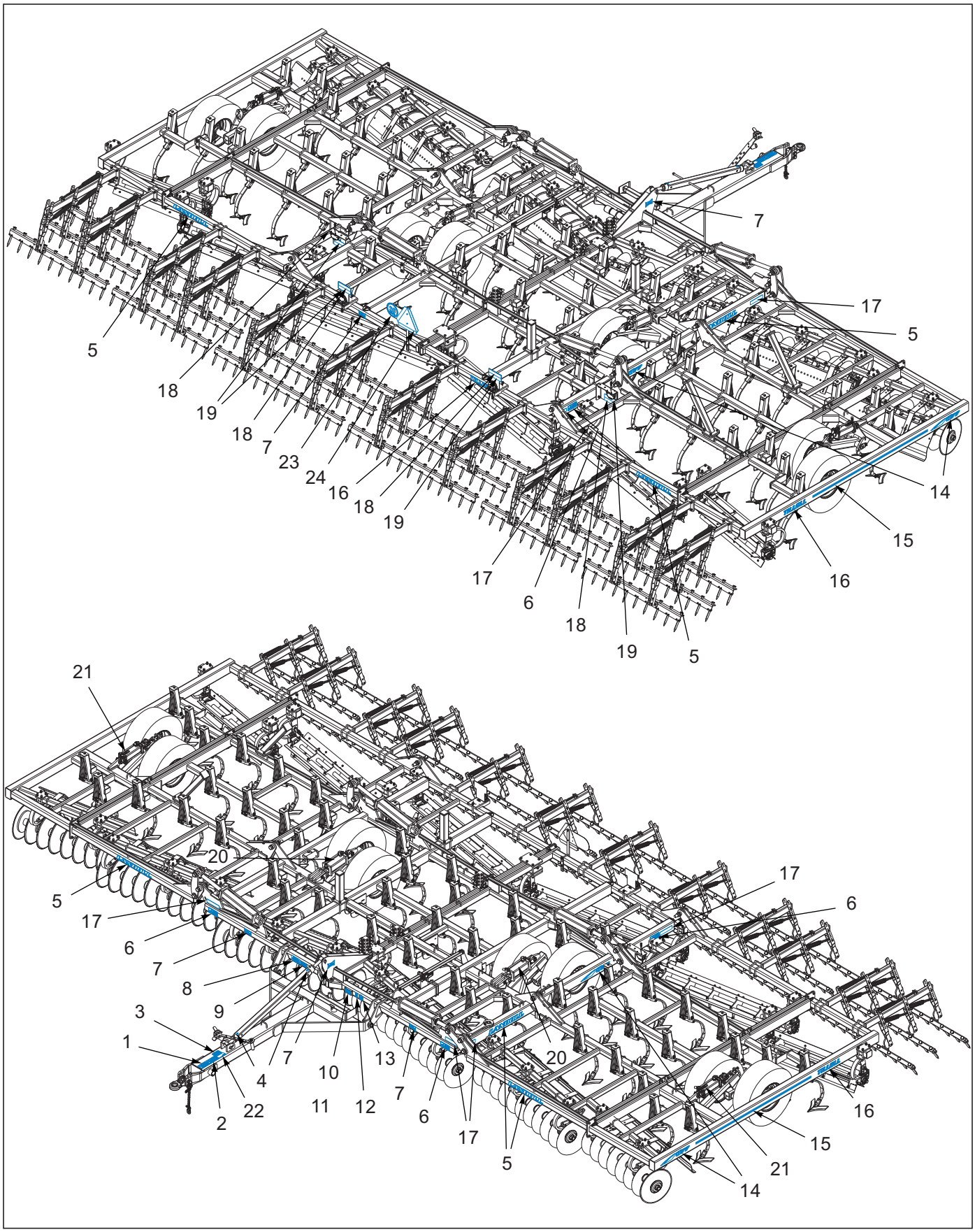


Figure 1-40: Decal Locations

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Decals

ITEM	PART NO.	DESCRIPTION	QTY.
1	8-573-010084	DECAL WARNING BEFORE OPERATG	1
2	141597	DECAL, DANGER ELECTROCUTION	1
3	1-573-010373	DECAL, PATENT TILLAGE	1
4	2-573-010330-03	DECAL, LUBRICATION 50 HOURS	2
5	141260	DECAL, LANDOLL	6
6	2-573-010037	DECAL, DANGER, WING	4
7	141259	DECAL, LANDOLL, YELLOW	5
8	1-573-010056	DECAL IMPORTANT WING FOLDING	1
9	8-573-010059	DECAL IMPORTANT NO TURNING	1
10	1-573-010006	PLACARD, NAME	1
11	156010	RIVET, BLIND .156X1/2 GRIP	2
12	2-573-010198	DECAL, MEMBER FEMA	1
13	144193	DECAL, SIS 20 MPH	1
14	218888	DECAL, 877 MODEL	4
15	161515	DECAL, STRIPE 1" X 84"	2
16	218889	DECAL, TILLOLL 2-1/2"	3
17	528934	REFLECTOR - YELLOW	5
18	528938	STRIPE, ORANGE	4
19	528933	REFLECTOR - RED	4
20	2-573-010150	DECAL MASTER	2
21	2-573-010149	DECAL SLAVE	2
22	229580	DECAL, HOSE IDENTIFICATION	1
23	224589	DECAL, SIS 20 MILE/H	1
24	70260977	SMV EMBLEM	1

Table provided for general use.

NOTES:

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Model 877 Tilloll

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