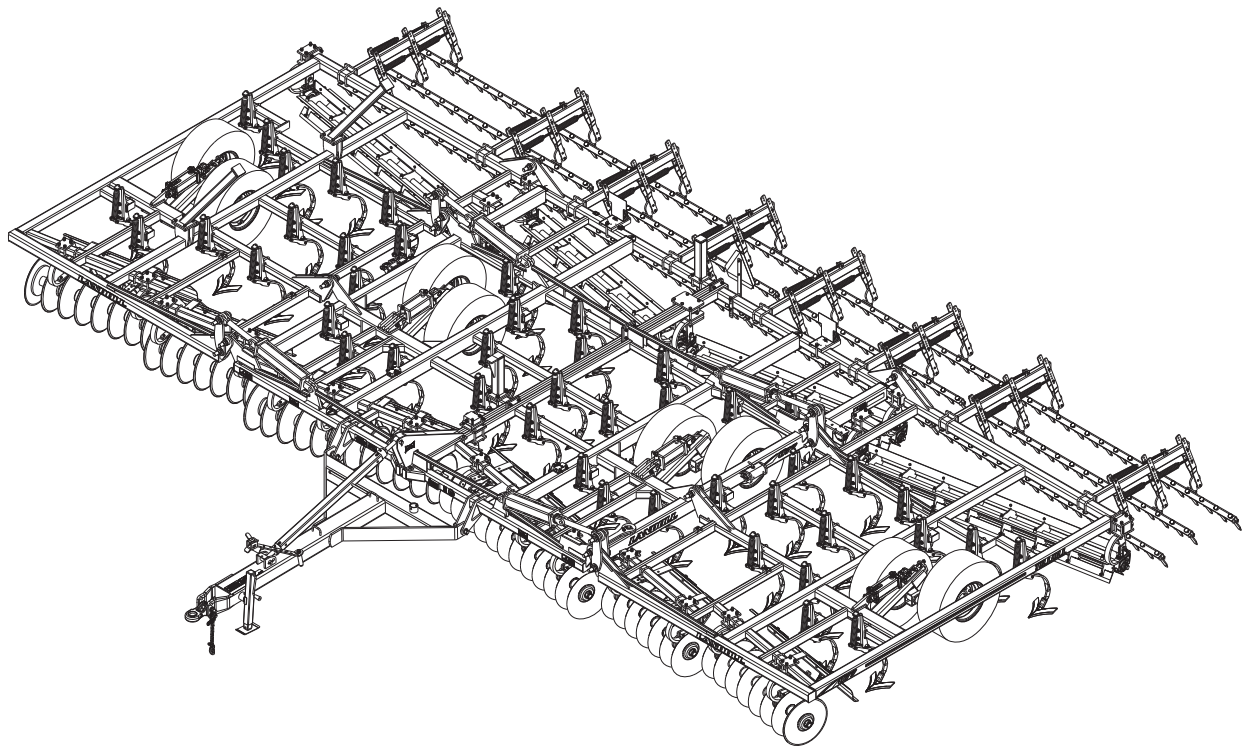




**Model 877 Tillage
Parts Manual
Serial Number 01B2002332 to Present**



LANDOLL COMPANY, LLC
1900 North Street
Marysville, Kansas 66508
(785) 562-5381
800-428-5655 ~ **WWW.LANDOLL.COM**

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

The identification plate, which lists the model number and serial number, is located on the front of the frame.

SERIAL NUMBER

The serial number is located on the identification plate.
The Following information will help decode the 877 Tilloll serial number

01H250000 = xxmysssss

QR CODE DECAL

The Tilloll series QR code decal, may be scanned to link you to the most current manuals, located on the front of the frame *See Figure 1-1*

xx	= model series (i.e. 01 for Tilloll)
m	= month of manufacture (ex. "H" means October. The letter I is not used.)
yy	= year manufactured (ex. "25" means 2025)
SSSSS	= Sequential number used to track warranty and service information.

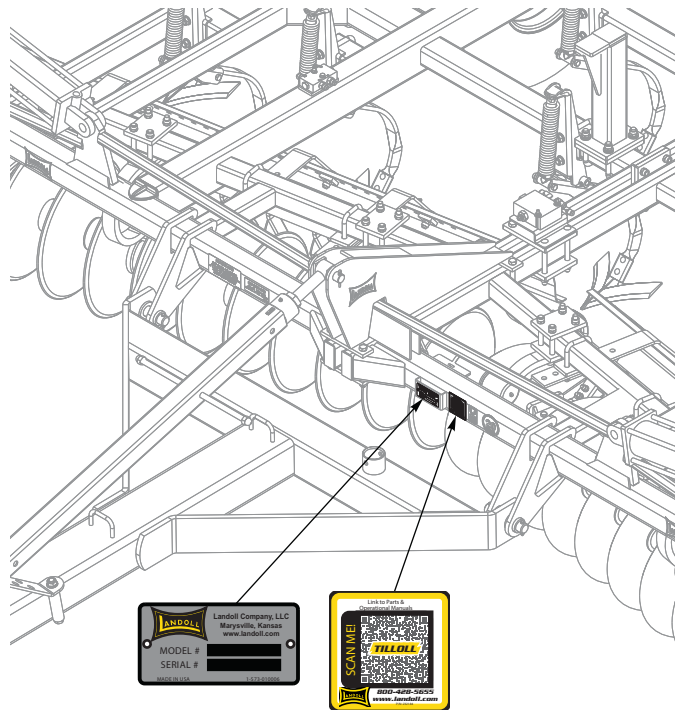


Figure 1-1: Identification Plate and QR Code Decal Location

Manuals for 877 Tilloll

Manual Number	Manual Type
F-1072	Operator's Manual
F-1073	Parts Manual

Table of Contents

1 Frame Assemblies Center

Frame Assembly Center	1-1
Center Frame Lift Assembly	1-3
Depth Stop Assembly	1-5

2 Hitch Assemblies

Hitch Assembly	2-1
Jack Assembly	2-3
Hitch & Ball Assemblies	2-5

3 Frame Assemblies Wing

Frame Assembly 877-30'	3-1
Frame Assembly 877-35'	3-3
Frame Assembly 877-40'	3-5
Hub/Spindle Assembly 156972	3-7
Hub/Spindle Assembly 223440	3-9

4 Fold Assemblies

Fold Assembly 877-30'	4-1
Fold Assembly 877-35'	4-3
Fold Assembly 877-40'	4-5

5 Disc Gang Assemblies

Disc Gang Assembly (Before 7-1-2025)	5-1
Disc Gang Layout 877-30' (Before 7-1-2025)	5-3
Disc Gang Layout 877-35' (Before 7-1-2025)	5-4
Disc Gang Layout 877-40' (Before 7-1-2025)	5-5
Disc Gang Assembly (After 7-1-2025)	5-7
Disc Gang Layout 877-30' (After 7-1-2025)	5-10
Disc Gang Layout 877-35' (After 7-1-2025)	5-11
Disc Gang Layout 877-40' (After 7-1-2025)	5-12
Disc Bearing Assembly	5-13
Disc Gang Shield Assembly	5-15

6 Shank Assemblies

Shank Assembly, Spring (Before 6-1-2020)	6-1
Shank Assembly, Spring (After 6-1-2020)	6-3
Shank Assembly, S-Tine (Before 8-5-2024)	6-5
Shank Assembly, S-Tine (After 8-5-2024)	6-7

7 Hydraulic Assemblies

Hydraulic Assembly, Lift	7-1
Hydraulic Assembly, Fold 877-30'	7-3
Hydraulic Assembly, Fold 877-35'-40'	7-5

8 Cylinders

 Rephasing Hydraulic Cylinder Change 8-1

 Cross Reference Matrix For Model 877 Tilloll 8-2

 Cylinder Assembly 4 x 8, Rephase 8-3

 Cylinder Assembly 4 x 8, Rephase 8-4

 Cylinder Assembly 4-1/2 x 8, Rephase 8-5

 Cylinder Assembly 4-1/2 x 8, Rephase 8-6

 Cylinder Assembly 3-1/2 x 16 8-7

 Cylinder Assembly 4-1/2 x 16 8-8

 Cylinder Assembly 4-1/2 x 20 8-9

9 Electrical

 Electrical Assembly W/LED Lights 9-1

10 Decals

 Decals 10-1

11 Attachments

 Reel & Harrow Layout 11-1

 Reel Assembly 11-3

 Chopper Reel Assembly 11-5

 Harrow Layout 11-7

12 Glossary

13 Index

Frame Assemblies Center

Frame Assembly Center

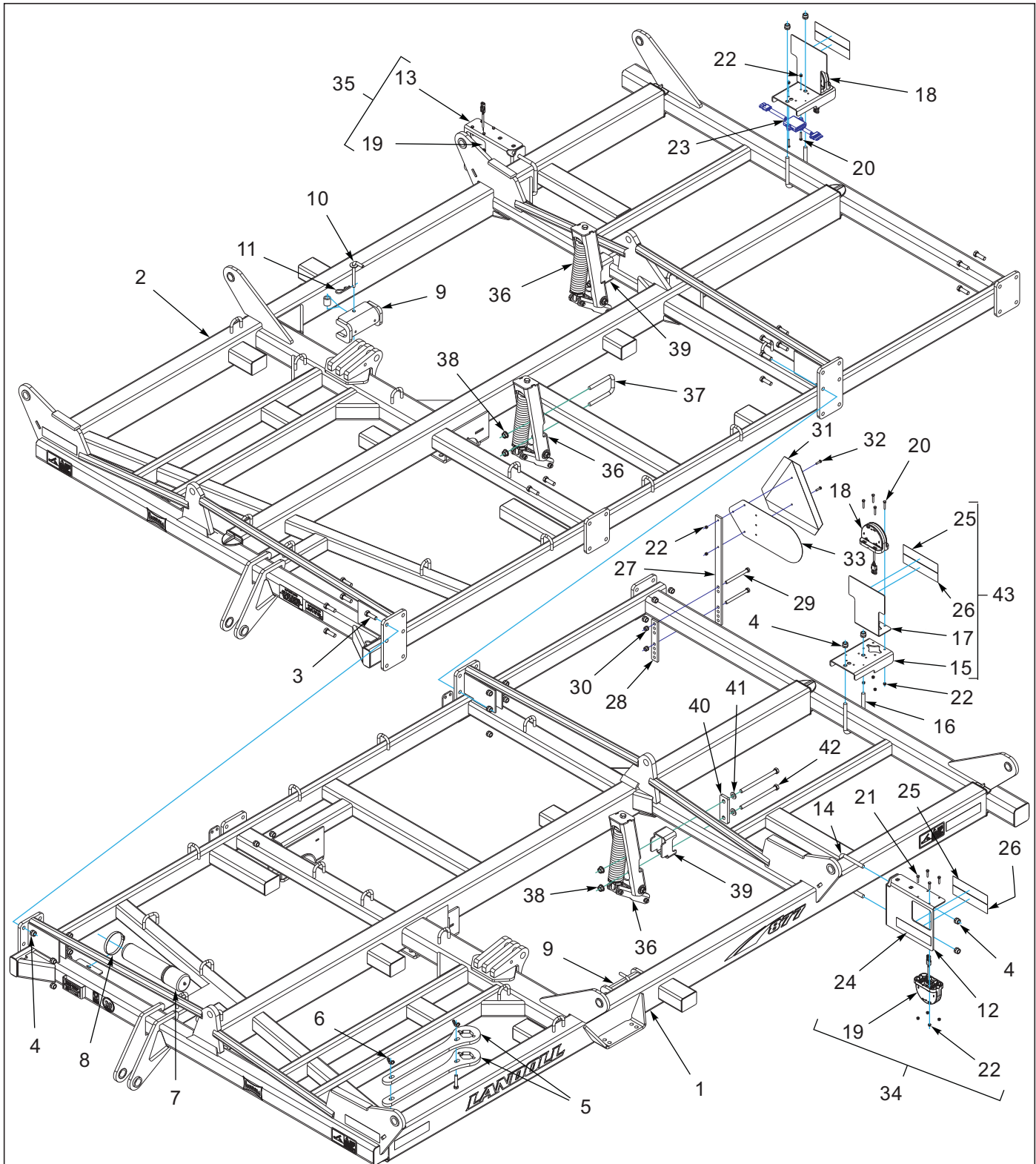


Figure 1-1: Frame Assembly Center

Frame Assembly Center

ITEM	PART NUMBER	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 6-3)	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

Center Frame Lift Assembly

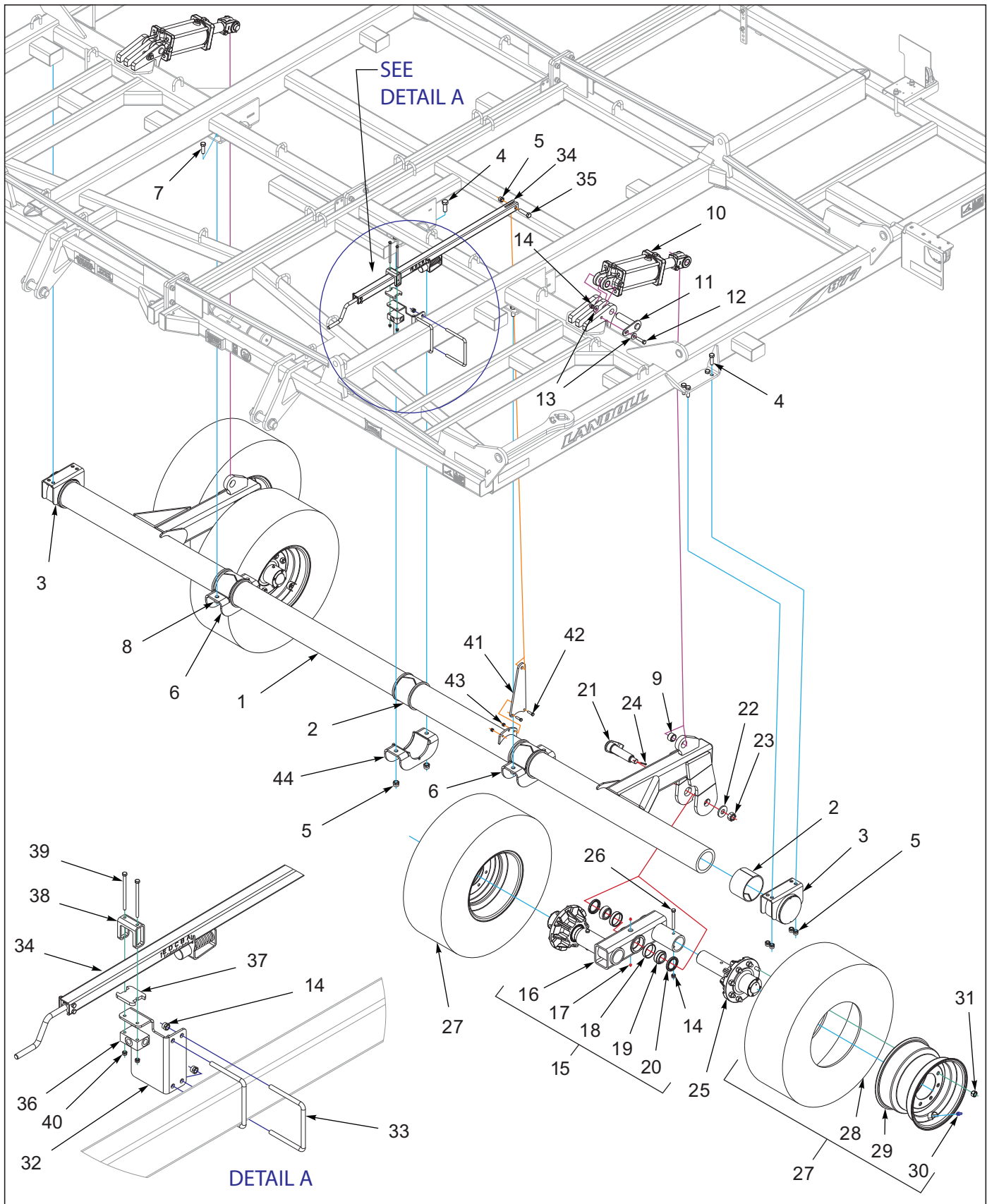


Figure 1-2: Center Frame Lift Assembly

Center Frame Lift Assembly

ITEM	PART NUMBER	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	2
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	247556	CYLINDER, 4-1/2 X 8, REPHASE (AFTER 03-25-2024) (SEE PAGE 8-5)	2
10	134558	CYLINDER,4-1/2X8 MASTER 876 (BEFORE 03-25-2024) (SEE PAGE 8-6)	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
22	1-861-010005	WASHER, SPINDLE 1	2
23	1-516-010001-20	NUT, HX SLOT 1-14	2
24	1-557-010362-51	PIN, COTTER 3/16X1-1/2	2
25	156972	HUB & SPINDLE ASSY, 8 BOLT (BEFORE 02-01-2020) (SEE PAGE 3-7)	4
25	223440	ASSY, 8 BOLT HUB & SPINDLE (AFTER 02-01-2020) (SEE PAGE 3-9)	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 1-5)	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
44	179691	BEARING CAP, LIFT WLDMT	1

Depth Stop Assembly

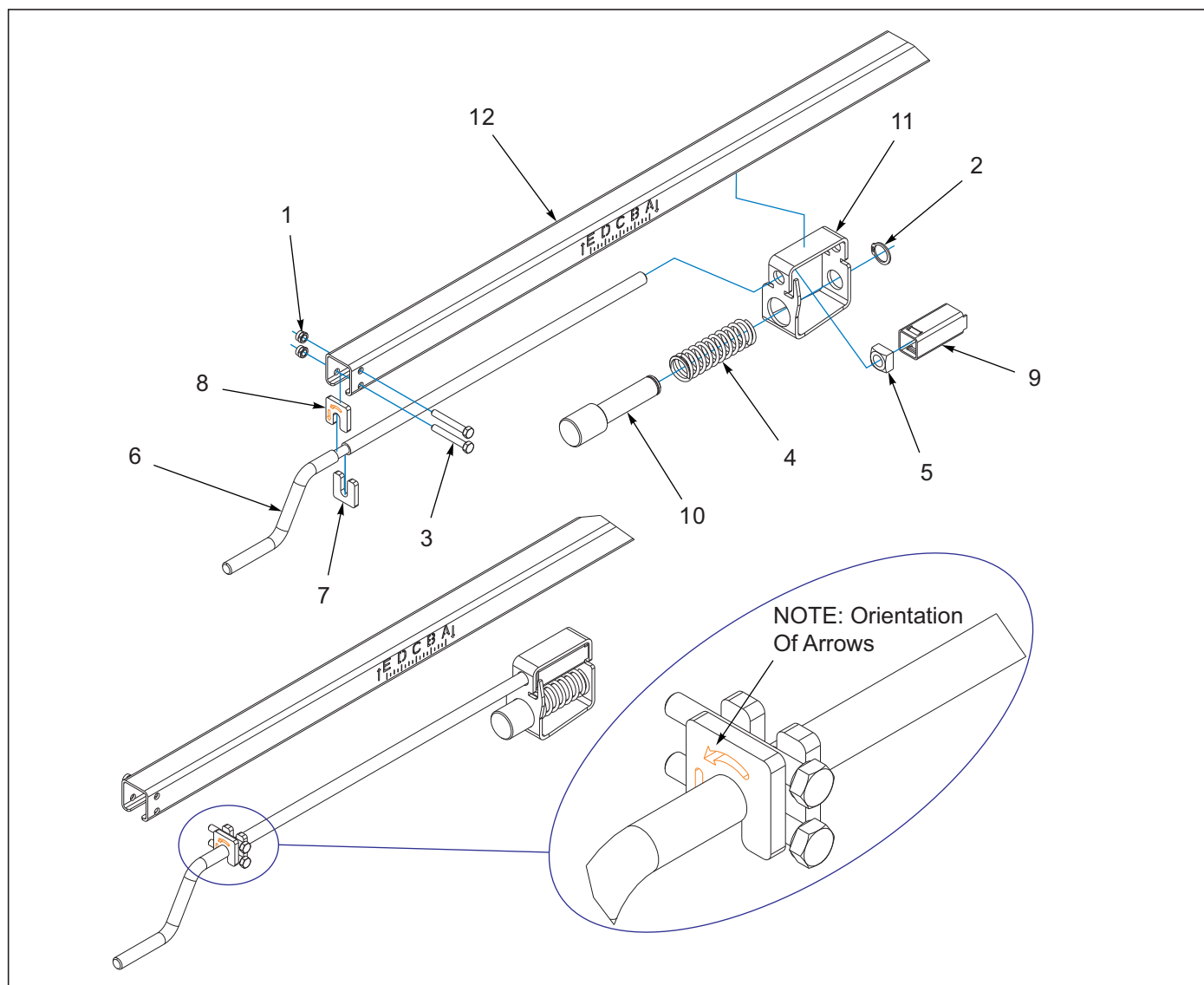


Figure 1-3: Depth Stop Assembly

Depth Stop Assembly

ITEM	PART NUMBER	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

Table provided for general use.

[illegible]

Hitch Assemblies

Hitch Assembly

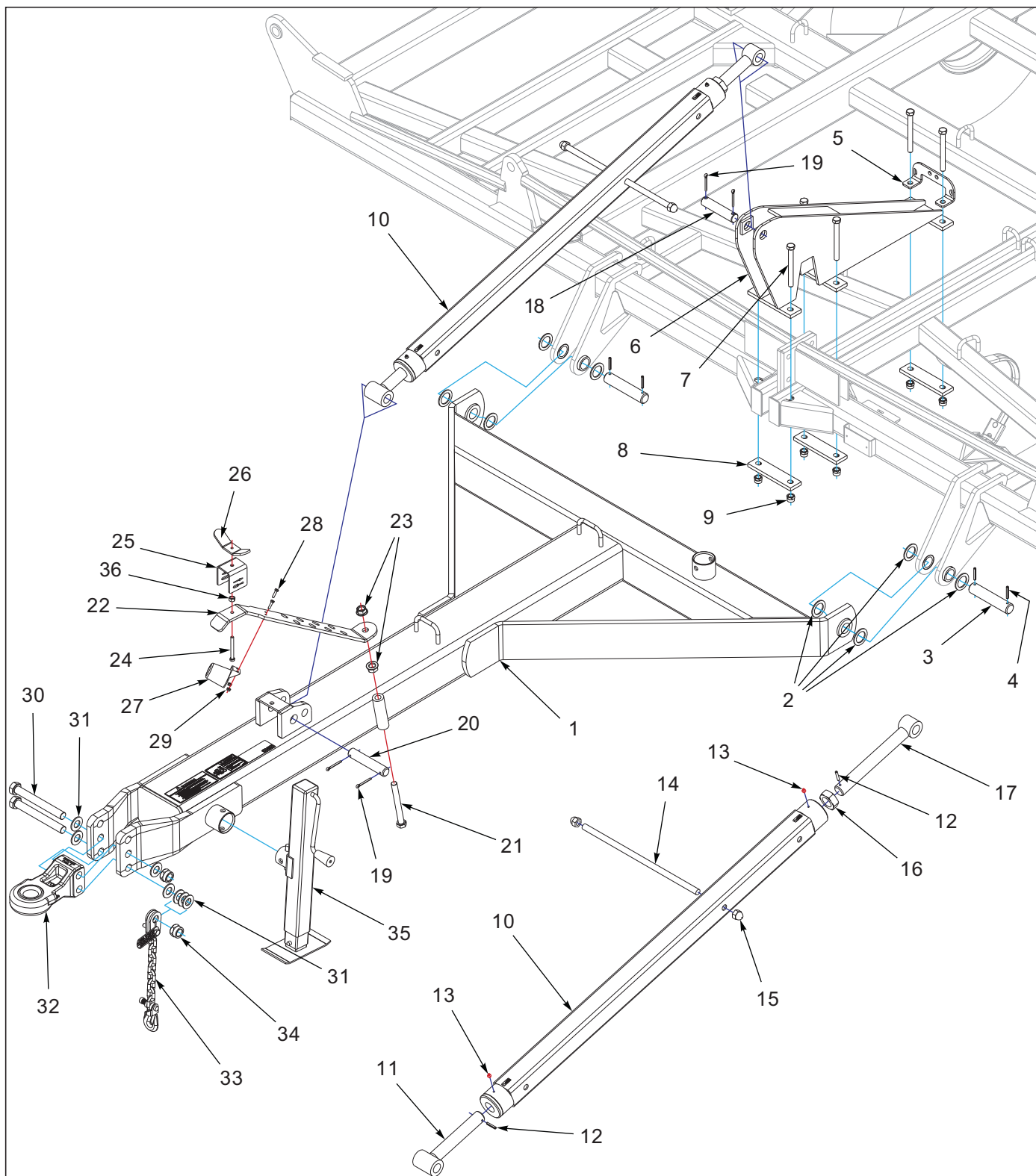


Figure 2-1: Hitch Assembly

Hitch Assembly

ITEM	PART NUMBER	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 2-5)	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 2-3)	1
36	1-512-010007-07	NUT, HEX 3/8-16 GR2 ZP	1

Jack Assembly

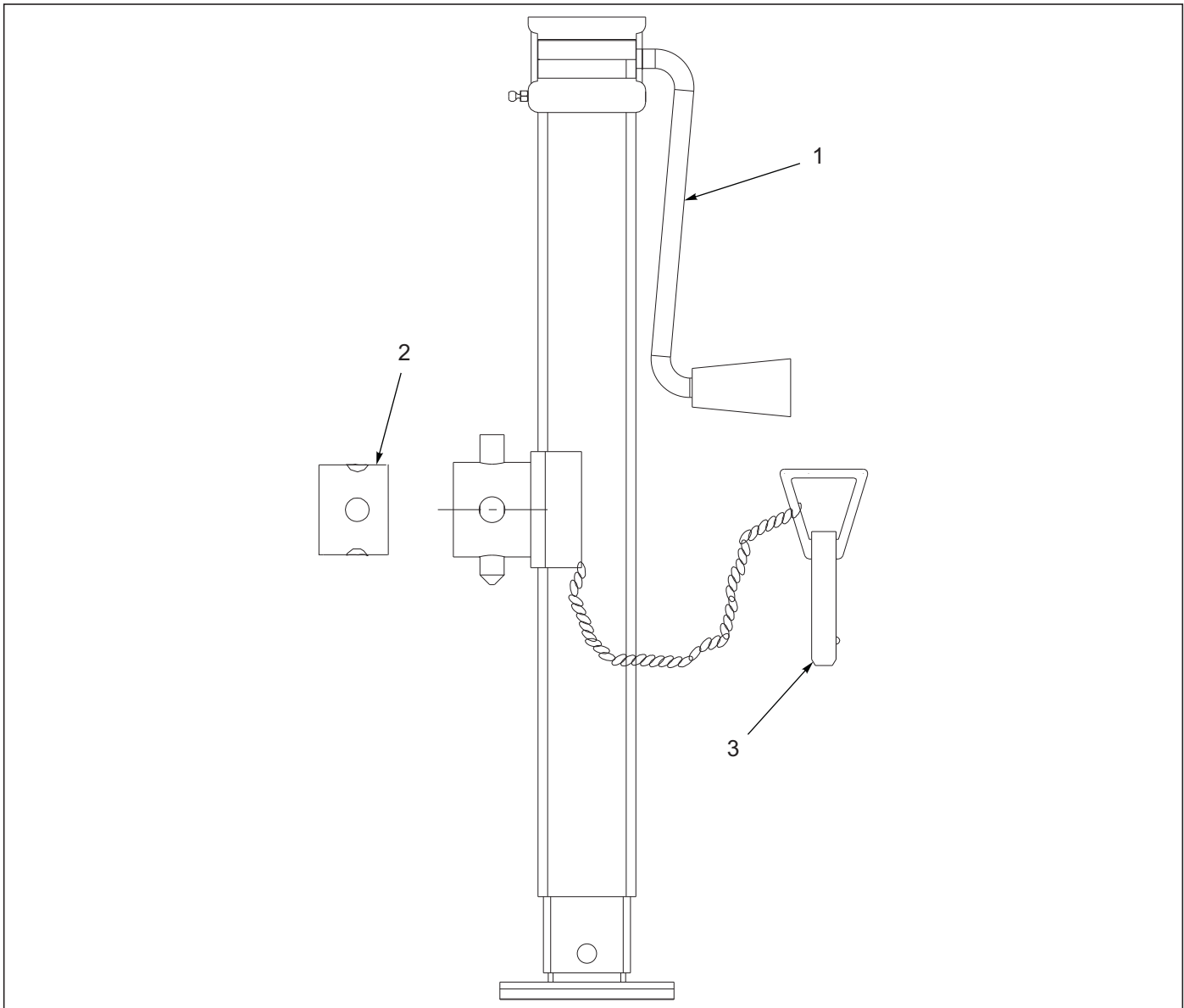


Figure 2-2: Jack Assembly

Jack Assembly

ITEM	PART NUMBER	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

Table provided for general use.

[illegible]

Hitch & Ball Assemblies

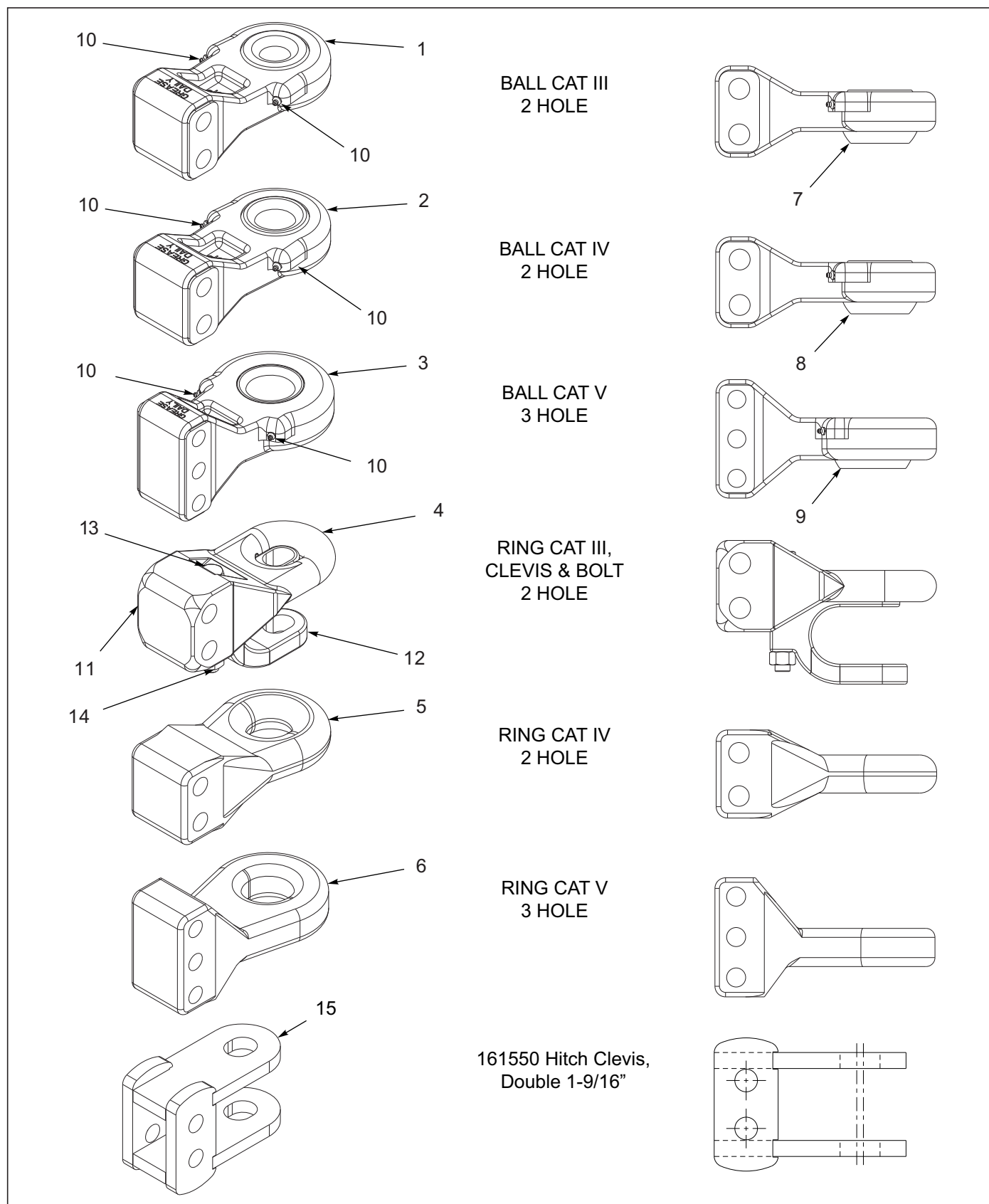


Figure 2-3: Hitch & Ball Assemblies

Hitch & Ball Assemblies

ITEM	PART NUMBER	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

Frame Assemblies Wing

Frame Assembly 877-30'

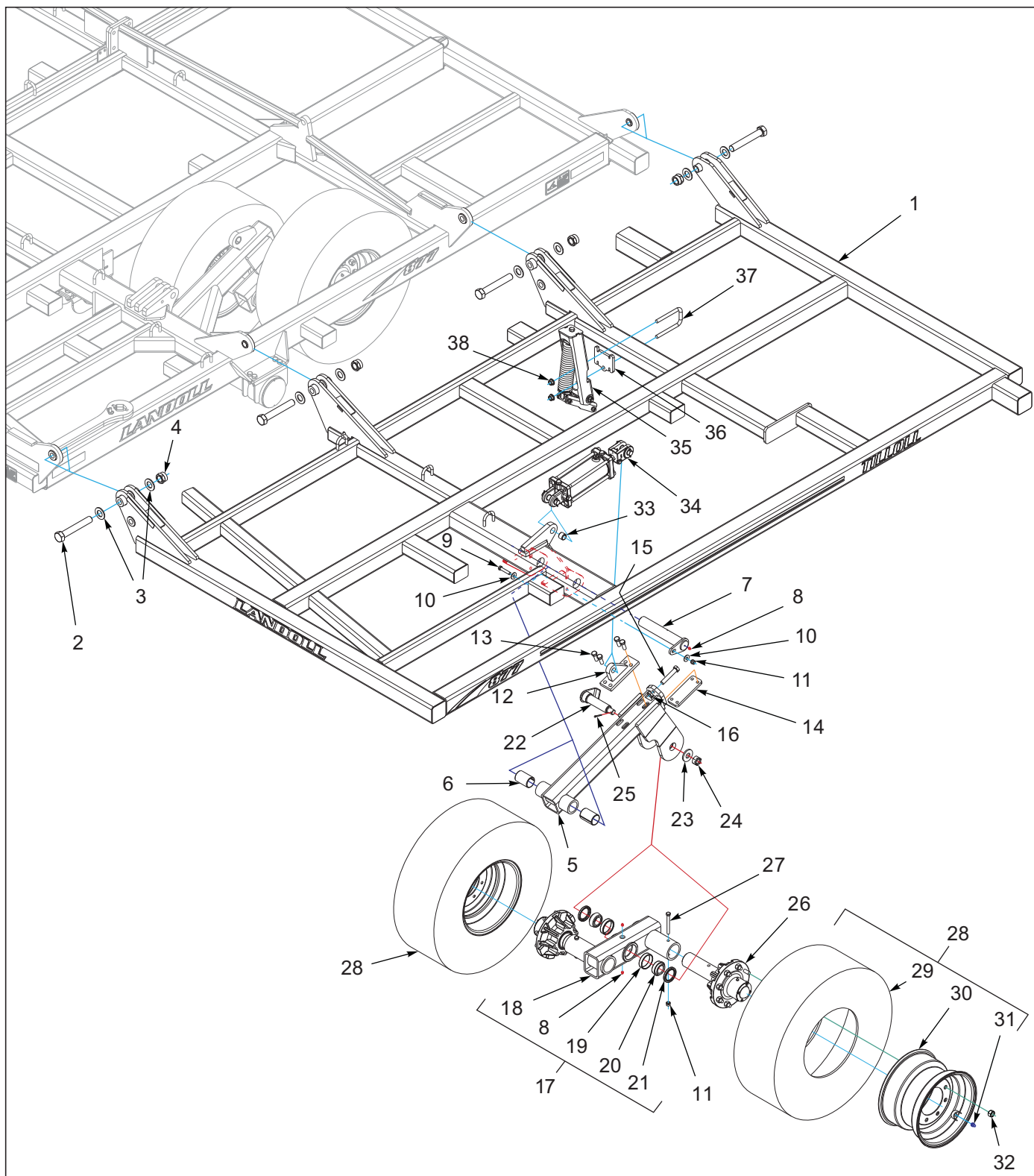


Figure 3-1: Frame Assembly 877-30'

Frame Assembly 877-30'

ITEM	PART NUMBER	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 3-7)	4
26	223440	ASSY, 8 BOLT HUB & SPINDLE (AFTER 02-01-2020) (SEE PAGE 3-9)	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	247555	CYLINDER, 4 X 8, REPHASE (AFTER 10-01-2024) (SEE PAGE 8-3)	2
34	102182	CYL HYD 4X8 REPHASE,BUSH (BEFORE 10-01-2024) (SEE PAGE 8-4)	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

Frame Assembly 877-35'

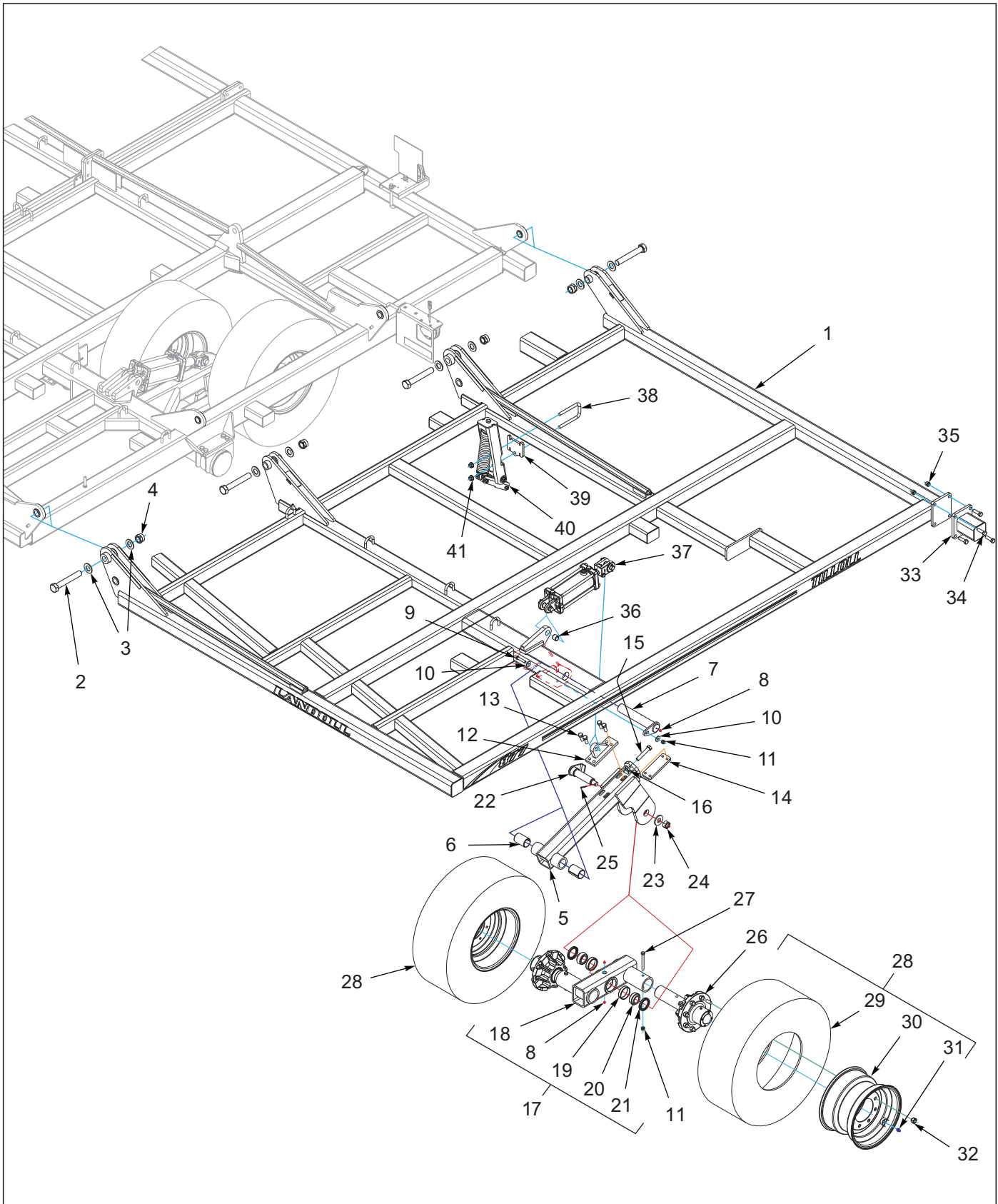


Figure 3-2: Frame Assembly 877-35'

Frame Assembly 877-35'

ITEM	PART NUMBER	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 3-7)	4
26	223440	ASSY, 8 BOLT HUB & SPINDLE (AFTER 02-01-2020) (SEE PAGE 3-9)	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	247555	CYLINDER, 4 X 8, REPHASE (AFTER 10-01-2024) (SEE PAGE 8-3)	2
37	102182	CYL HYD 4X8 REPHASE,BUSH (BEFORE 10-01-2024) (SEE PAGE 8-4)	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 (SEE PAGE 6-3)	1
41	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	2

Frame Assembly 877-40'

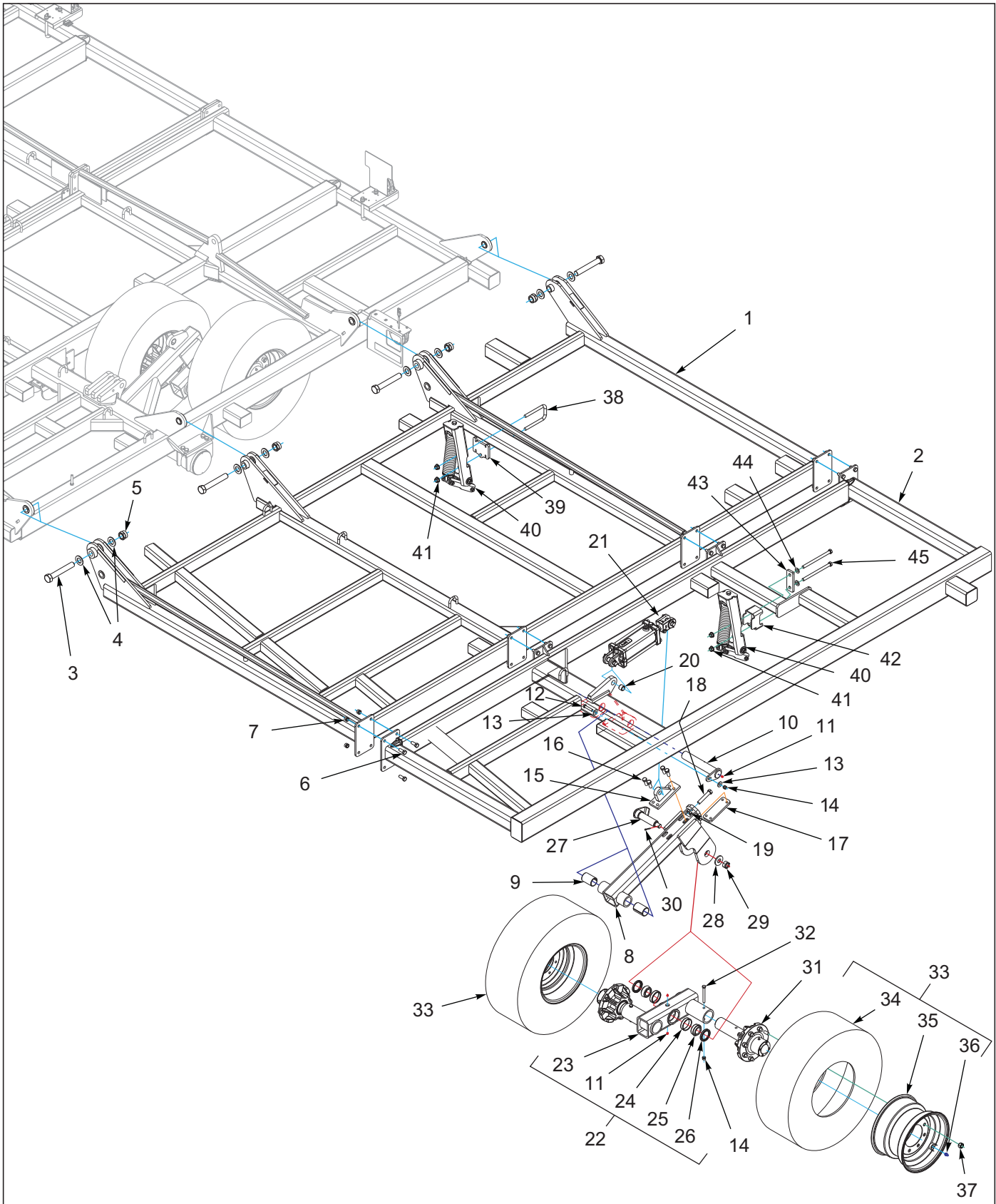


Figure 3-3: Frame Assembly 877-40'

Frame Assembly 877-40'

ITEM	PART NUMBER	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	247555	CYLINDER, 4 X 8, REPHASE (AFTER 10-01-2024) (SEE PAGE 8-3)	2
21	102182	CYL HYD 4X8 REPHASE,BUSH (BEFORE 10-01-2024) (SEE PAGE 8-4)	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 3-7)	4
31	223440	ASSY, 8 BOLT HUB & SPINDLE (AFTER 02-01-2020) (SEE PAGE 3-9)	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 (SEE PAGE 6-3)	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

Hub/Spindle Assembly 156972

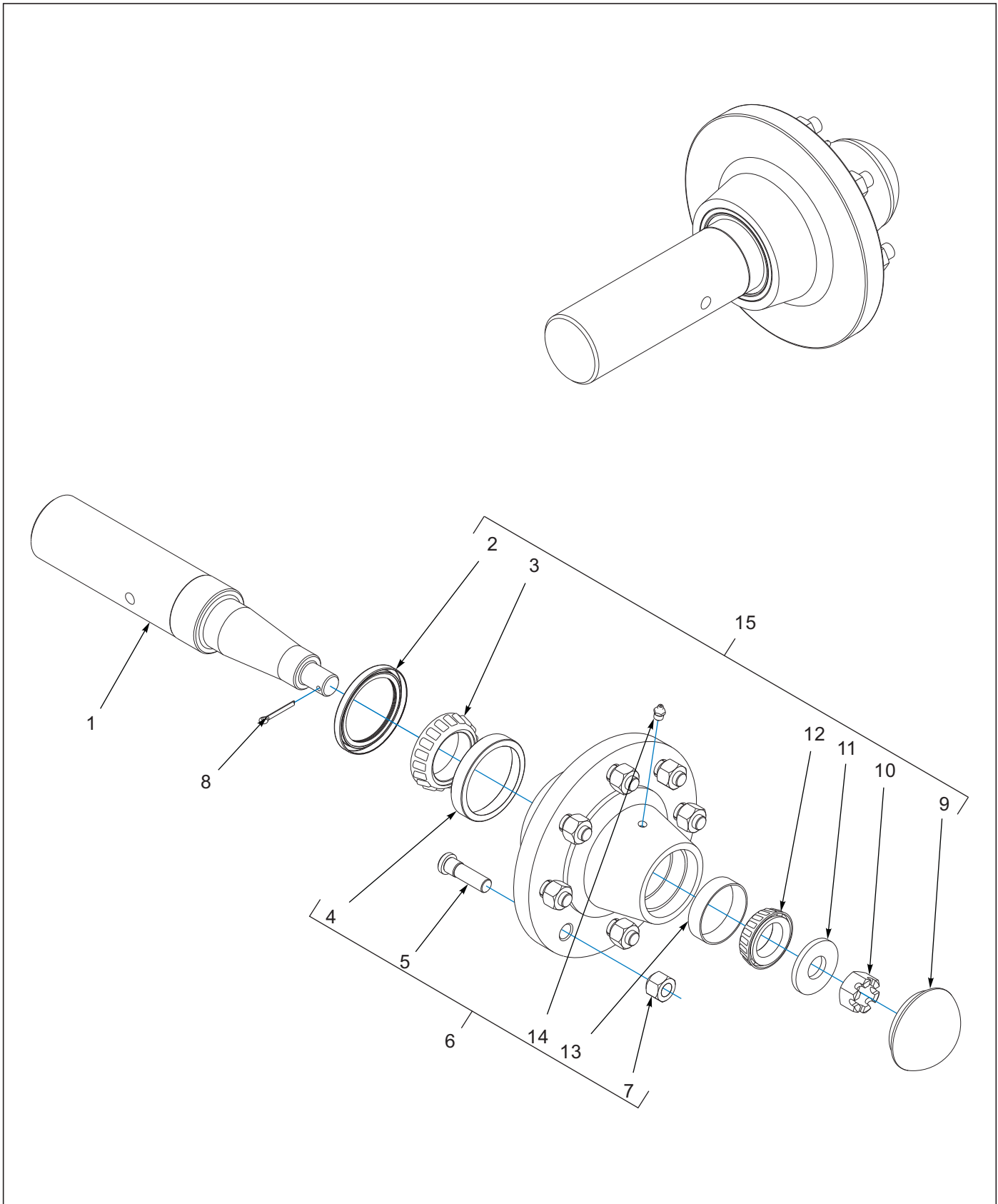


Figure 3-4: Hub/Spindle Assembly 156972

Hub/Spindle Assembly 156972

ITEM	PART NUMBER	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	WHEEL STUD, 5/8-18UNF X 2-1/2	8
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	SERVICE KIT, 8-BOLT HUB ASSY (SERVICE KIT ONLY)	1

Hub/Spindle Assembly 223440

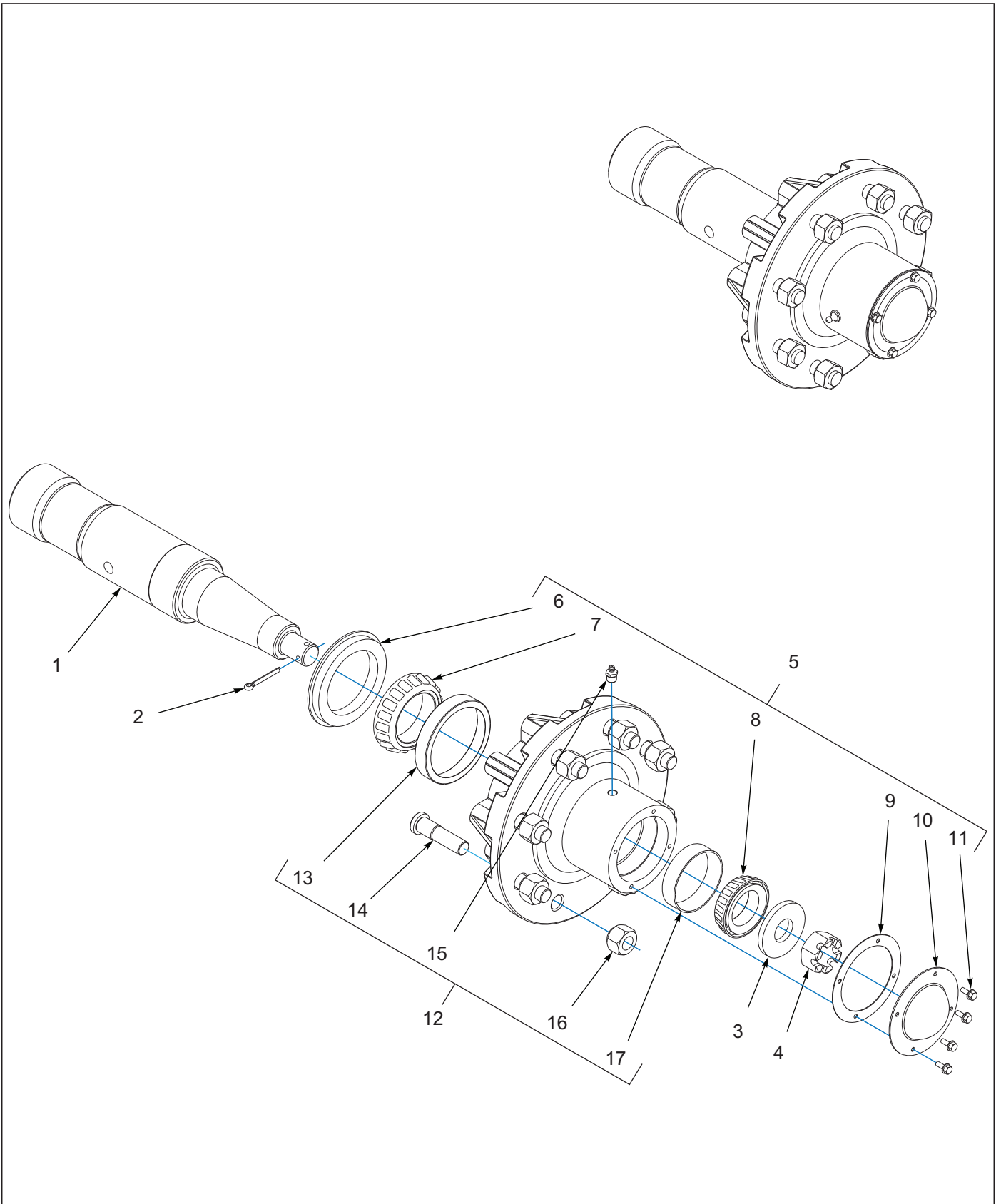


Figure 3-5: Hub/Spindle Assembly 223440

Hub/Spindle Assembly 223440

ITEM	PART NUMBER	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	1-861-010005	WASHER, SPINDLE 1	1
4	1-516-010001-20	NUT, HX SLOT 1-14	1
5	168859	HUB ASSY, EIGHT BOLT (INCLUDES ITEMS 6-12) (SERVICE KIT ONLY)	
6	193089	SEAL, PURGABLE 4 OD X 3 ID	1
7	156979	CONE BEARING - 387AS	1
8	102498	BEARING CONE, OUTER, 1.625	1
9	223439	GASKET, DUST CAP	1
10	223437	DUST CAP, BOLT ON	1
11	223438	SCREW, 10-32X1/2 HEX FLANGE	4
12	223435	HUB ASSY W/ CUPS, GASKET, CAP (INCLUDES ITEMS 13-17)	1
13	111962	OUTER BEARING CUP L20HD#382A	1
14	4001060	HUB 75-8 BOLTS 5/8-18 STUD	8
15	5000	ZERK FITTING 1/8NPT	1
16	102600	NUT, WHEEL BOLT, 5/8	8
17	102604	BEARING CUP, OUTER	1

Fold Assemblies

Fold Assembly 877-30'

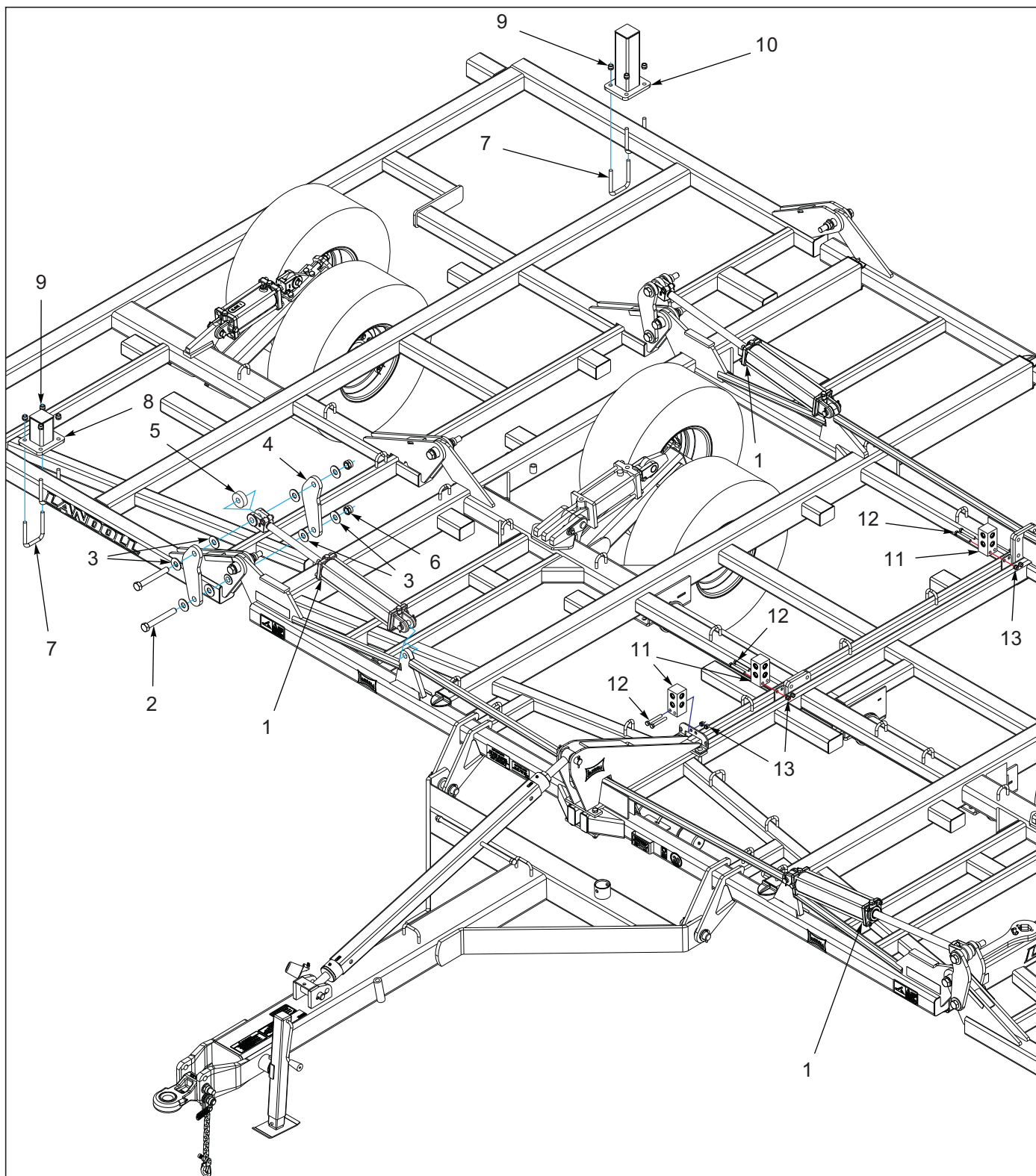


Figure 4-1: Fold Assembly 877-30'

Fold Assembly 877-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	1-242-010179-2	CYLINDER,HYD 3-1/2X16 3000PSI (SEE PAGE 8-7)	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

Fold Assembly 877-35'

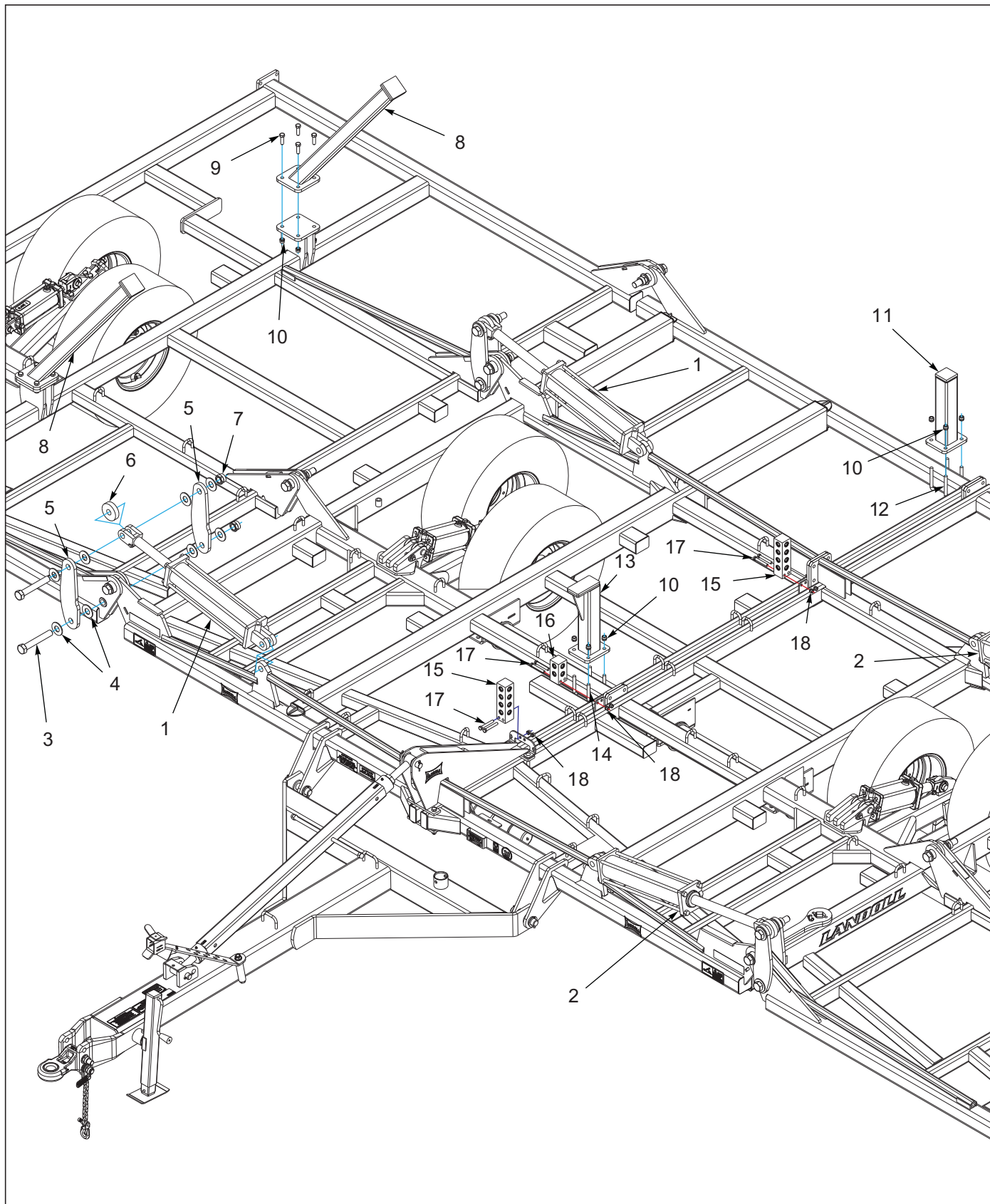


Figure 4-2: Fold Assembly 877-35'

Fold Assembly 877-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	107899	CYLINDER, 4-1/2X16 SIDE PORT (SEE PAGE 8-7) (RH WING)	2
2	108265	CYLINDER, 4-1/2X20 SIDE PORT (SEE PAGE 8-9) (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

Fold Assembly 877-40'

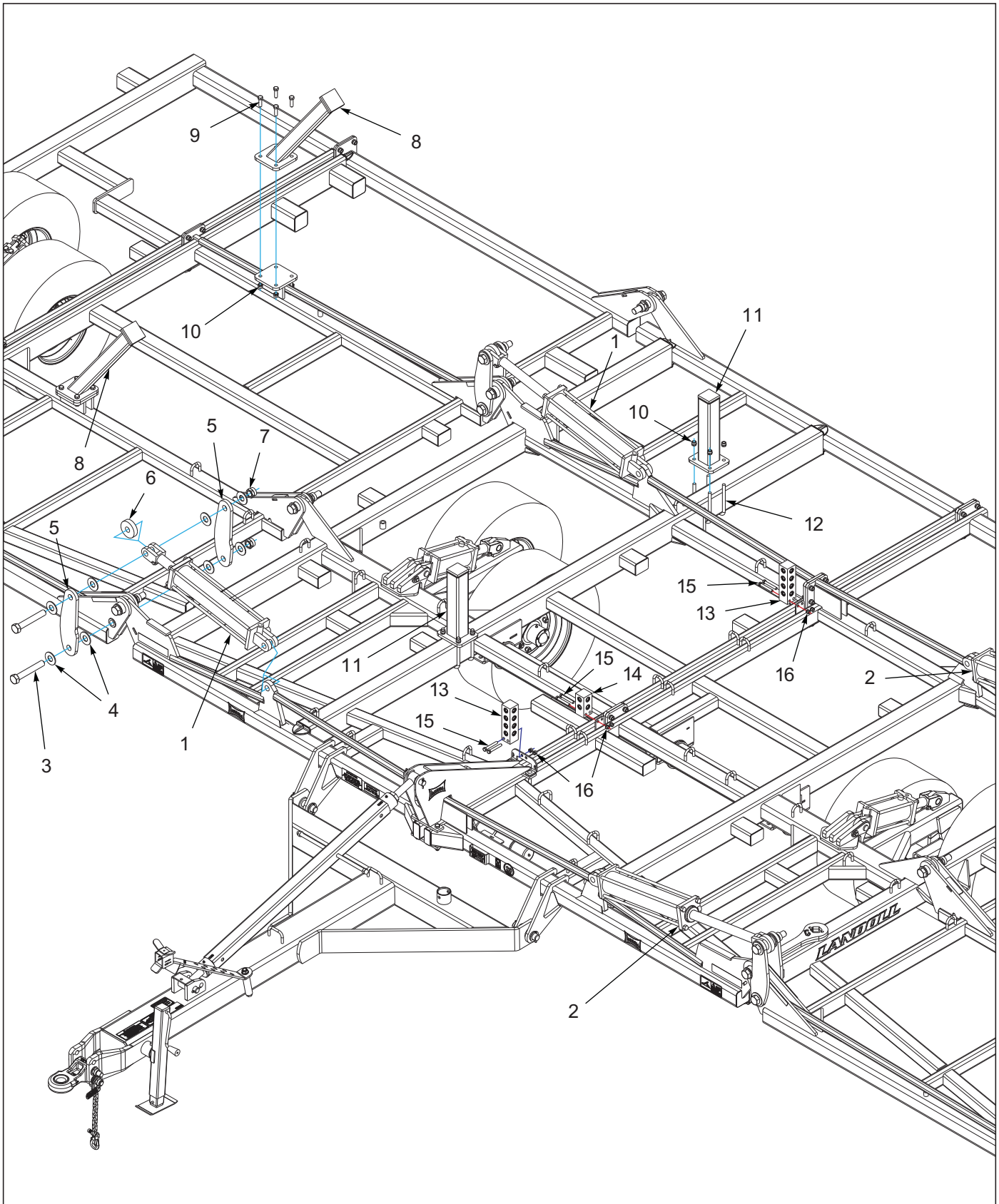


Figure 4-3: Fold Assembly 877-40'

Fold Assembly 877-40'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	107899	CYLINDER, 4-1/2X16 SIDE PORT (SEE PAGE 8-8) (RH WING)	2
2	108265	CYLINDER, 4-1/2X20 SIDE PORT (SEE PAGE 8-9) (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

Disc Gang Assemblies

Disc Gang Assembly (Before 7-1-2025)

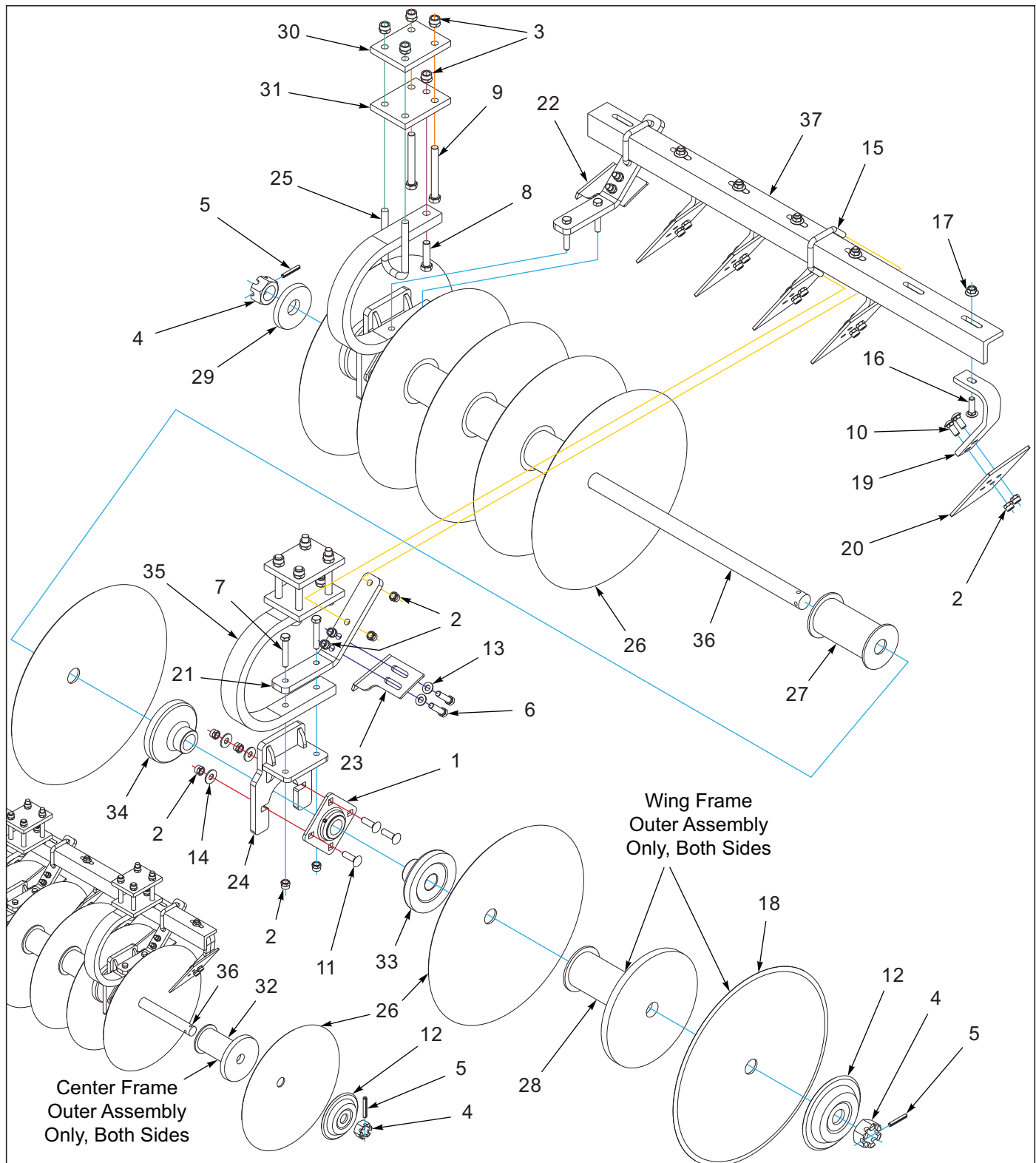


Figure 5-1: Disc Gang Assembly (Before 7-1-2025)

Disc Gang Assembly (Before 7-1-2025)

ITEM	PART NUMBER	DESCRIPTION	QTY.		
--	222140	DISC ASSY, 877-30' (SEE PAGE 5-3)	*		
--	222116	DISC ASSY, 877-35' (SEE PAGE 5-4)	*		
--	216142	DISC ASSY, 877-40' (SEE PAGE 5-5)	*		
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

Disc Gang Layout 877-30' (Before 7-1-2025)

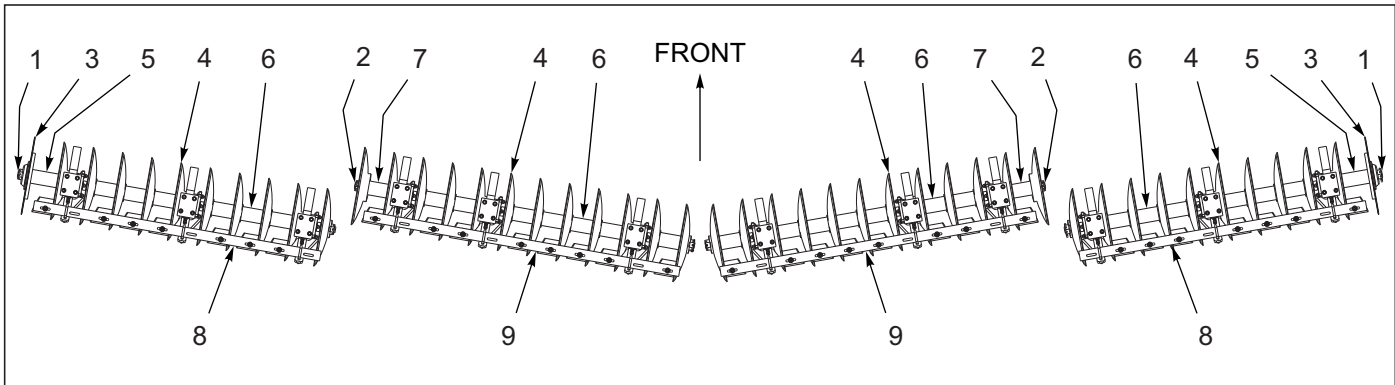


Figure 5-2: Disc Gang Layout 877-30' (Before 7-1-2025)

Disc Gang Layout 877-30' (Before 7-1-2025)

ITEM	PART NUMBER	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

Disc Gang Layout 877-35' (Before 7-1-2025)

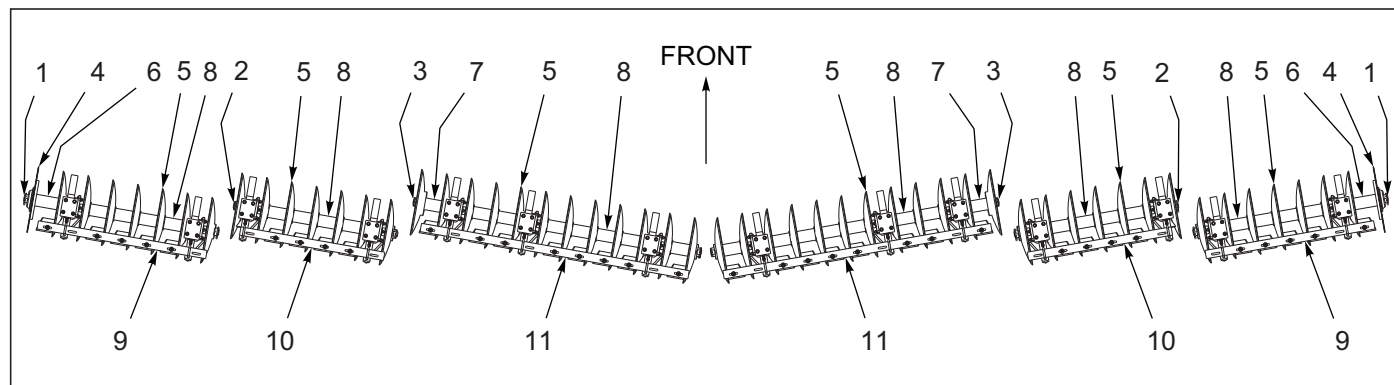


Figure 5-3: Disc Gang Layout 877-35' (Before 7-1-2025)

Disc Gang Layout 877-35' (Before 7-1-2025)

ITEM	PART NUMBER	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

Disc Gang Layout 877-40' (Before 7-1-2025)

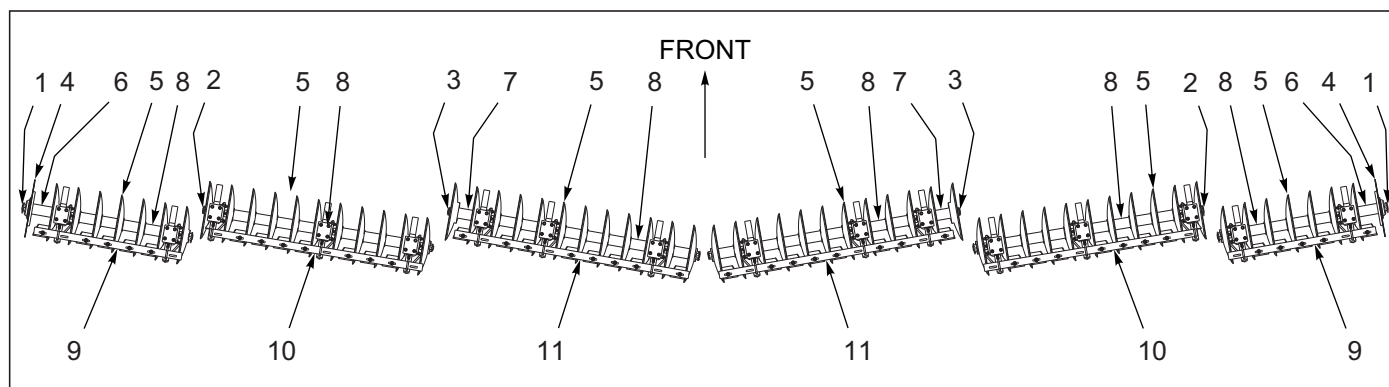


Figure 5-4: Disc Gang Layout 877-40' (Before 7-1-2025)

Disc Gang Layout 877-40' (Before 7-1-2025)

ITEM	PART NUMBER	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

Table provided for general use.

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Disc Gang Assembly (After 7-1-2025)

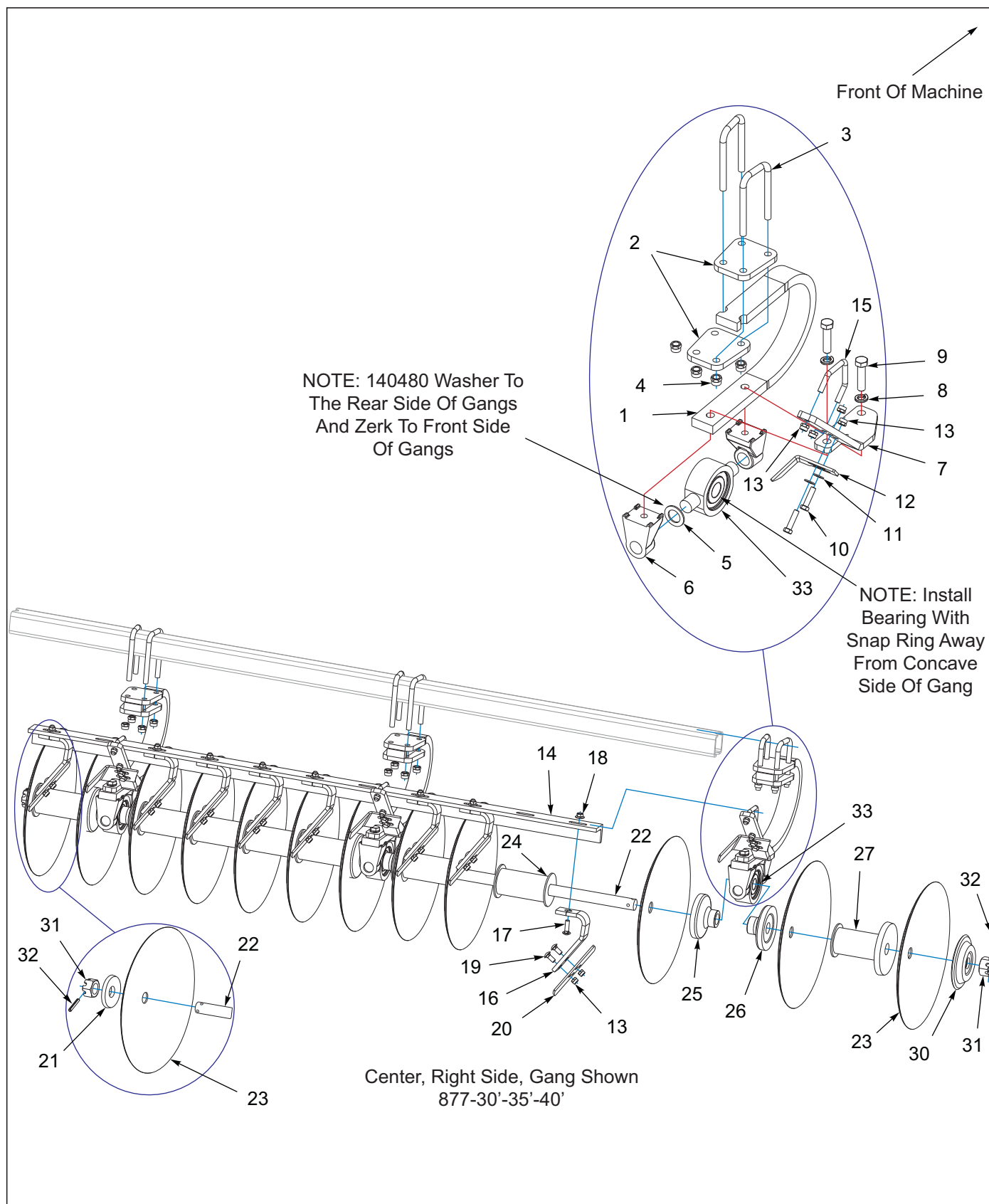


Figure 5-5: Disc Gang Assembly (After 7-1-2025) (1 of 2)

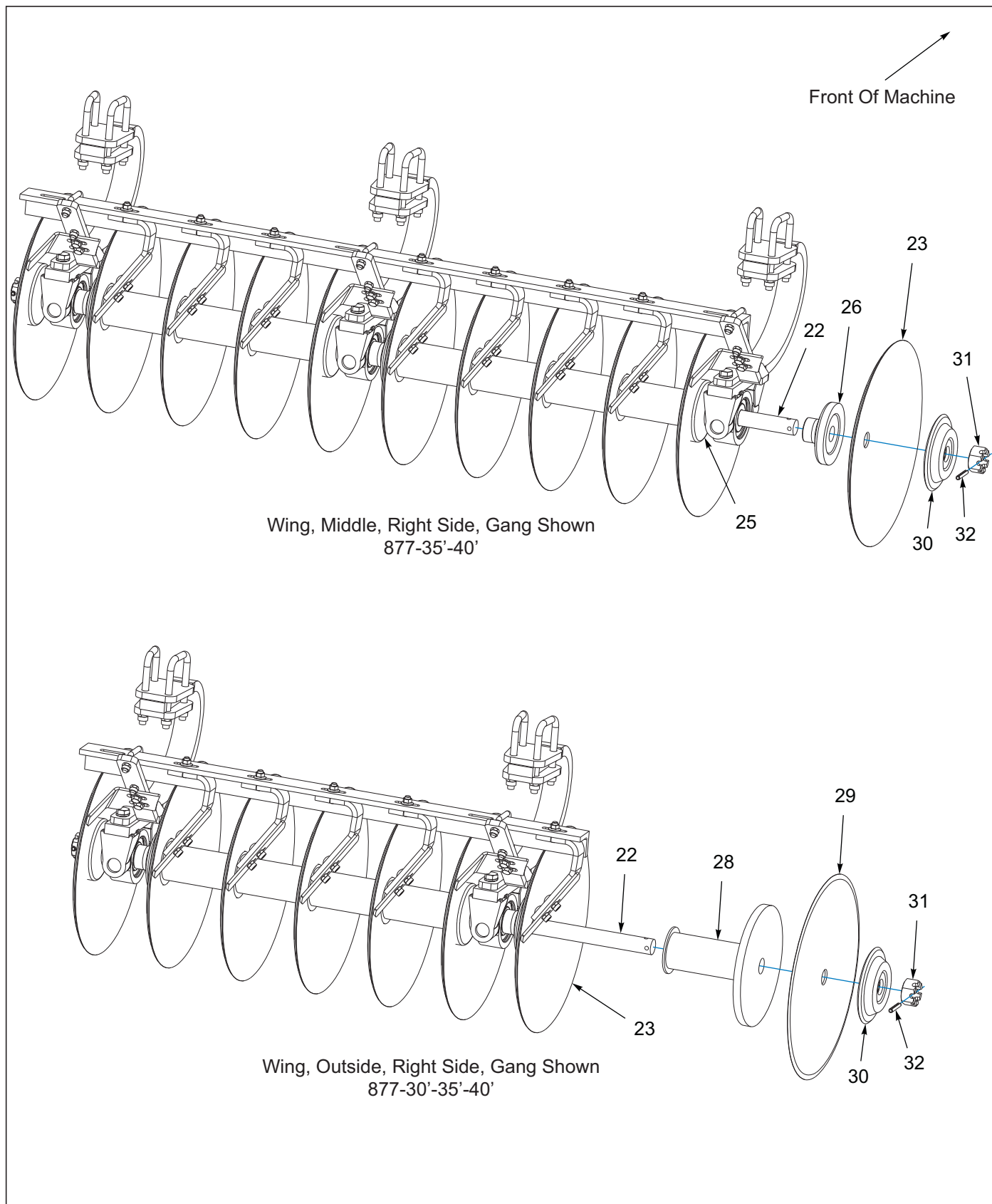


Figure 5-6: Disc Gang Assembly (After 7-1-2025) (1 of 2)

Disc Gang Assembly (After 7-1-2025)

ITEM	PART NUMBER	DESCRIPTION	QTY.		
--	254318	DISC ASSY, 877-30, TRUNNION (SEE PAGE 5-10)	*		
--	254317	DISC ASSY, 877-35, TRUNNION (SEE PAGE 5-11)	*		
--	252963	DISC ASSY, 877-40, TRUNNION (SEE PAGE 5-12)	*		
1	241004	SHANK, DISC BEARING, RIGHT (SHOWN)	6	7	8
1	241003	SHANK, DISC BEARING, LEFT	6	7	8
2	241005	PLATE, DISC SHANK MOUNT	24	28	32
3	8-102-010043	U-BOLT, SPRING CLAMP	24	28	32
4	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	48	56	64
5	140480	WASHER, TRUNNION	12	14	16
6	140479	MOUNT, TRUNNION	24	28	32
7	241007	RH MOUNT, SCRAPER BAR (SHOWN)	6	7	8
7	241006	LH MOUNT, SCRAPER BAR	6	7	8
8	1-861-010034-17	WASHER,LKG,HLCL SPR,3/4	24	28	32
9	1-654-010032-09	SCREW HEX CAP 3/4-10X3 GR8	24	28	32
10	1-654-010055-05	SCREW,HEX CAP,1/2-13UNCX2 GR5	24	28	32
11	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	24	28	32
12	216134	SCRAPER, DUAL RH (SHOWN)	6	7	8
12	216135	SCRAPER, DUAL LH	6	7	8
13	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	108	124	144
14	179771	SCRAPER BAR, 7-1/2 SP 11 HOLE	2	2	2
14	179770	SCRAPER BAR, 7-1/2 SP 10 HOLE	2	--	2
14	179766	SCRAPER BAR, 7-1/2 SP 6 HOLE	--	2	--
14	179767	SCRAPER BAR, 7-1/2 SP 7 HOLE	--	2	2
15	140487	UBOLT, SCRAPER BAR MOUNT	12	14	16
16	216129	ARM, SCRAPER	30	34	40
17	160161	SHAKER BOLT1/2-13X1-3/4 GR8ZP	30	34	40
18	172509	NUT,1/2-13 WIDE FLNG TOP LCK F	30	34	40
19	1-654-010070-02	SCREW 1/2-13X1-1/4 RD HD SQNK	60	68	80
20	216130	SCRAPER, 4" REV	30	34	40
21	8-253-010012	HEAVY DISC WASHER	4	6	6
22	8-253-010021	DISC ROD MAIN FRAME DISC 30FT	2	2	2
22	8-253-010022	DISC ROD WING FRAME DISC 30FT	2	--	--
22	8-253-010037	DISC ROD 18 FT MAIN FRAME	--	2	--
22	8-253-010028	DISC ROD WING FRAME 25FT 6IN	--	2	2
22	8-253-010027	DISC ROD MAIN FRAME 25FT 6IN	--	--	2
23	8-253-010002	DISC BLADE 20IN	44	52	60
24	8-253-010007	SPOOL ASSY DISC GANG WLDMT	26	30	36
25	8-253-010050	HALF SPOOL, CONVEX, 1.5 SHAFT	12	14	16
26	8-253-010049	HALF SPOOL, CONCAVE, 1.5 SHAFT	12	14	16
27	8-253-010043	END SPOOL, WING MAIN FRM WLDMT	2	2	2
28	8-253-010010	SPOOL, OUTSIDE WLDMT	2	2	2
29	2-217-010031	COULTER BLADE	2	2	2
30	1-861-010006	SPRING WASHER DISC GANG	4	6	6
31	1-516-010001-27	NUT,HX SLOT 1-1/2-6 ZP	8	12	12
32	1-647-010004257	PIN,SPRING,SLOTTED 3/8X2-1/2	8	12	12
33	241002	BEARING ASSY, DISC Ø1.530 ID (SEE PAGE 5-13)	12	14	16

Disc Gang Layout 877-30' (After 7-1-2025)

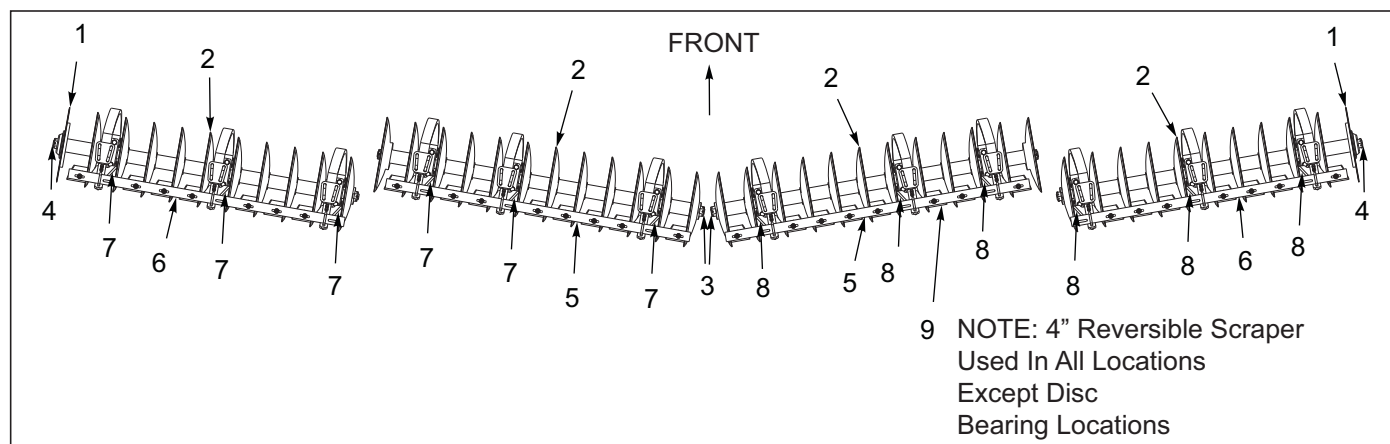


Figure 5-7: Disc Gang Layout 877-30' (After 7-1-2025)

Disc Gang Layout 877-30' (After 7-1-2025)

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	254318	DISC ASSY, 877-30, TRUNNION	
1	2-217-010031	COULTER BLADE	2
2	8-253-010002	DISC BLADE 20IN	44
3	8-253-010021	DISC ROD MAIN FRAME DISC 30FT	2
4	8-253-010022	DISC ROD WING FRAME DISC 30FT	2
5	179771	SCRAPER BAR, 7-1/2 SP 11 HOLE	2
6	179770	SCRAPER BAR, 7-1/2 SP 10 HOLE	2
7	216135	SCRAPER, DUAL LH	6
8	216134	SCRAPER, DUAL RH	6
9	216130	SCRAPER, 4" REV	30

Disc Gang Layout 877-35' (After 7-1-2025)

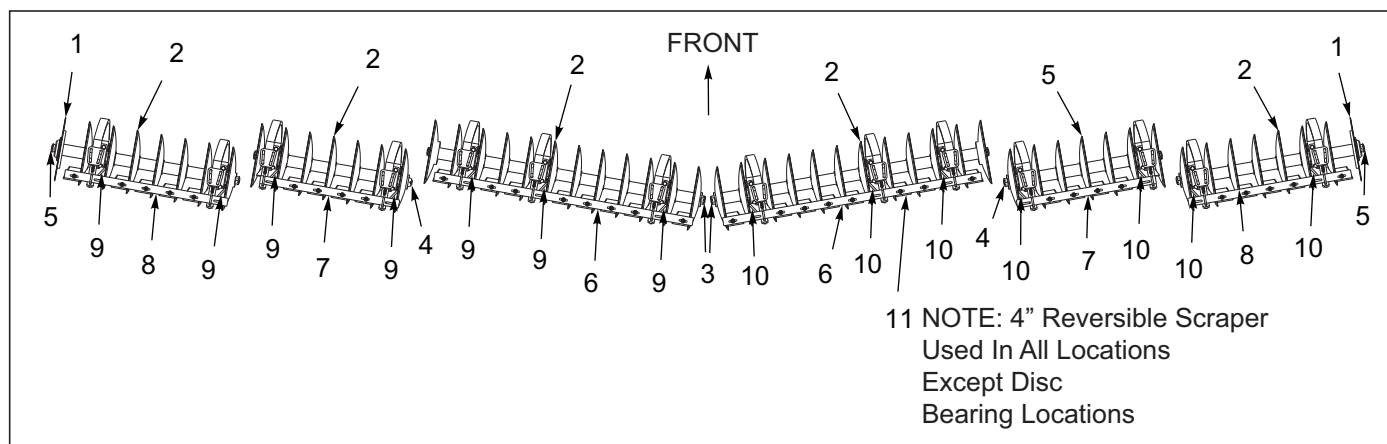


Figure 5-8: Disc Gang Layout 877-35' (After 7-1-2025)

Disc Gang Layout 877-35' (After 7-1-2025)

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	254317	DISC ASSY, 877-35, TRUNNION	
1	2-217-010031	COULTER BLADE	2
2	8-253-010002	DISC BLADE 20IN	52
3	8-253-010021	DISC ROD MAIN FRAME DISC 30FT	2
4	8-253-010037	DISC ROD 18 FT MAIN FRAME	2
5	8-253-010028	DISC ROD WING FRAME 25FT 6IN	2
6	179771	SCRAPER BAR, 7-1/2 SP 11 HOLE	2
7	179766	SCRAPER BAR, 7-1/2 SP 6 HOLE	2
8	179767	SCRAPER BAR, 7-1/2 SP 7 HOLE	2
9	216135	SCRAPER, DUAL LH	7
10	216134	SCRAPER, DUAL RH	7
11	216130	SCRAPER, 4" REV	34

Disc Gang Layout 877-40' (After 7-1-2025)

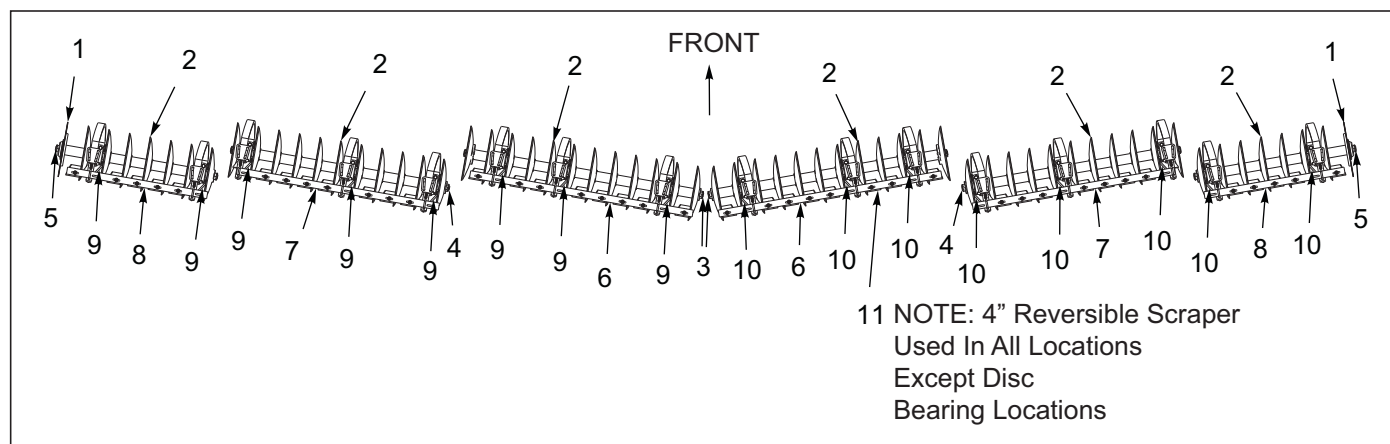


Figure 5-9: Disc Gang Layout 877-40' (After 7-1-2025)

Disc Gang Layout 877-40' (After 7-1-2025)

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	252963	DISC ASSY, 877-40, TRUNNION	
1	2-217-010031	COULTER BLADE	2
2	8-253-010002	DISC BLADE 20IN	60
3	8-253-010021	DISC ROD MAIN FRAME DISC 30FT	2
4	8-253-010027	DISC ROD MAIN FRAME 25FT 6IN	2
5	8-253-010028	DISC ROD WING FRAME 25FT 6IN	2
6	179771	SCRAPER BAR, 7-1/2 SP 11 HOLE	2
7	179770	SCRAPER BAR, 7-1/2 SP 10 HOLE	2
8	179767	SCRAPER BAR, 7-1/2 SP 7 HOLE	2
9	216135	SCRAPER, DUAL LH	8
10	216134	SCRAPER, DUAL RH	8
11	216130	SCRAPER, 4" REV	40

Disc Bearing Assembly

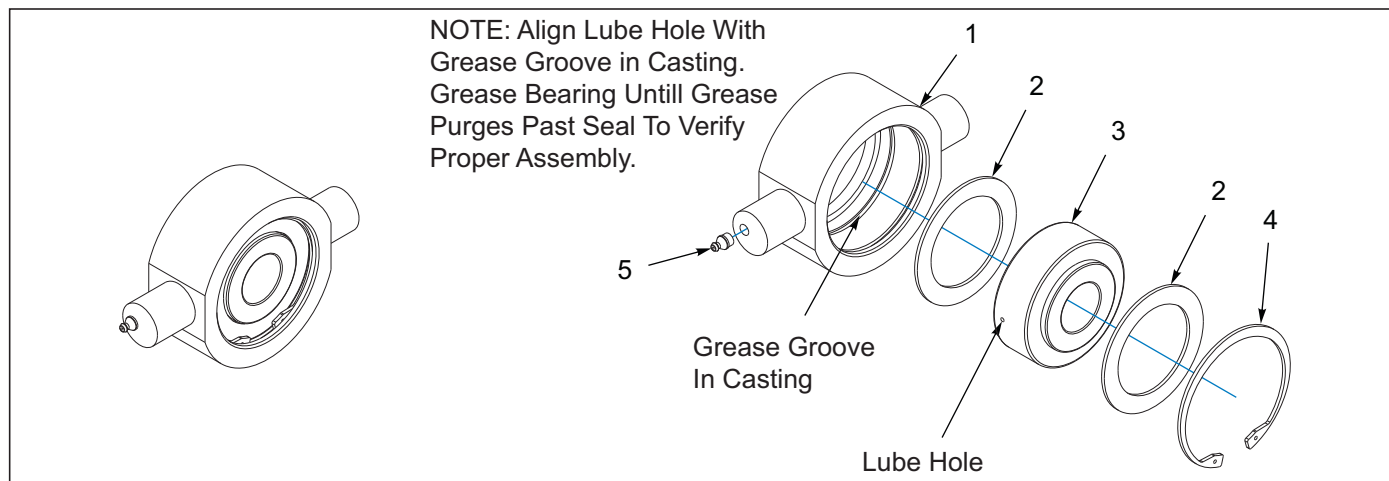


Figure 5-10: Disc Bearing Assembly

Disc Bearing Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	241002	BEARING ASSY, DISC Ø1.530 ID	
1	140475	CASTING, TRUNNION	1
2	140473	WASHER, BEARING	1
3	241001	BEARING, DISC Ø1.530 ID	1
4	140476	INTERNAL RETAINING RING	1
5	5000	ZERK FITTING 1/8NPT	1

Table provided for general use.

[illegible]

Disc Gang Shield Assembly

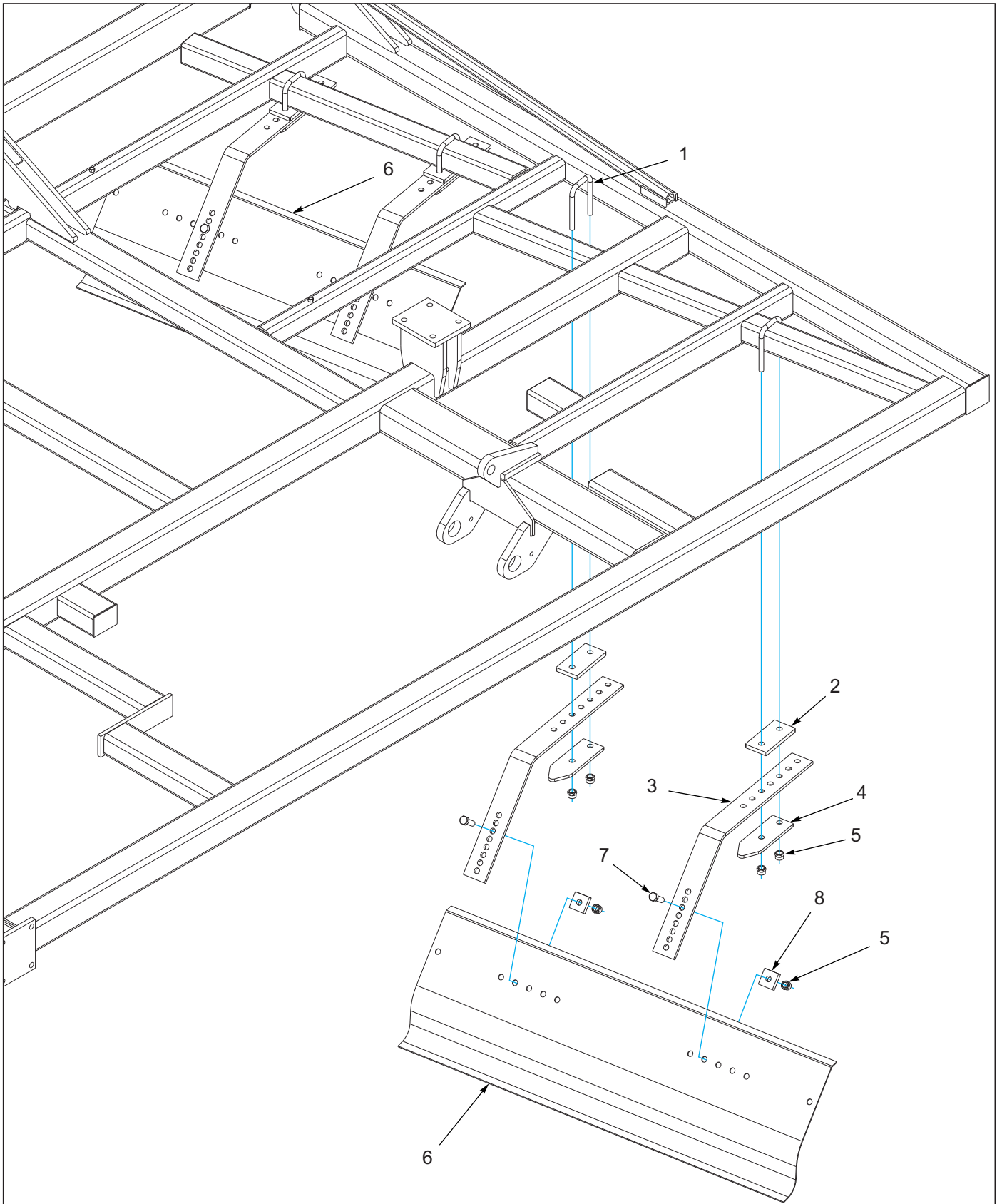


Figure 5-11: Disc Gang Shield Assembly

Disc Gang Shield Assembly

ITEM	PART NUMBER	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" LONG (877-30, 877-35 & 877-40 MAIN FRAME)	2	2	2
6	8-681-010009	SPRAY SHIELD, 76" LONG (877-30 WING & 877-40 INNER WING)	2	--	2
6	8-681-010012	SPRAY SHIELD, 55" LONG (877-35 OUTER WING & 877-40 OUTER WING)	--	2	2
6	8-681-010013	SPRAY SHIELD, 48" LONG (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

Shank Assemblies

Shank Assembly, Spring (Before 6-1-2020)

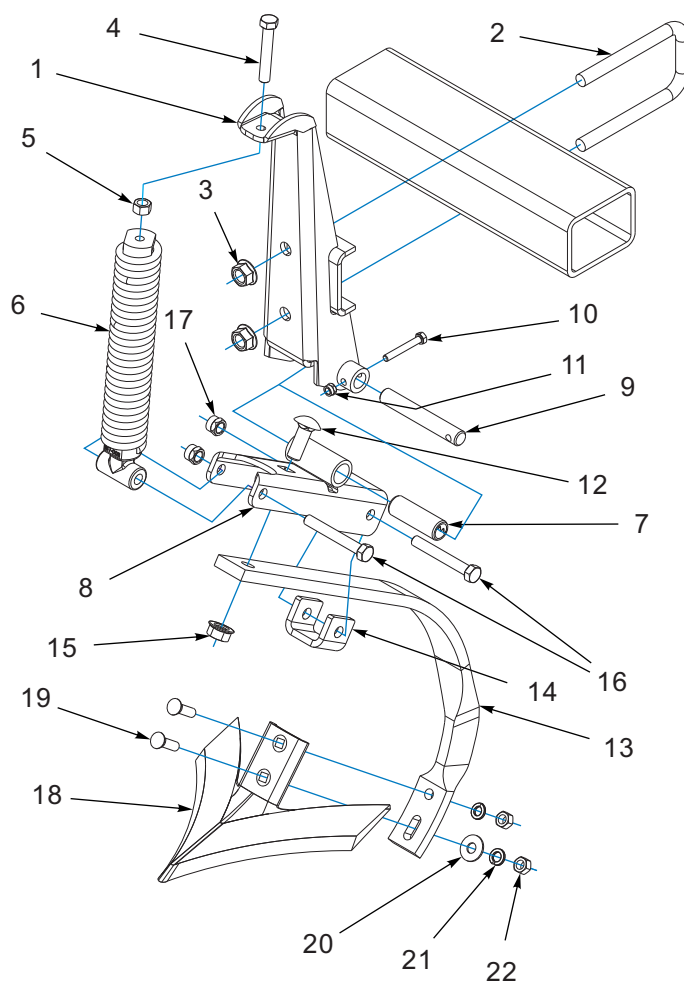


Figure 6-1: Shank Assembly, Spring (Before 6-1-2020)

Shank Assembly, Spring (Before 6-1-2020)

ITEM	PART NUMBER	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

Shank Assembly, Spring (After 6-1-2020)

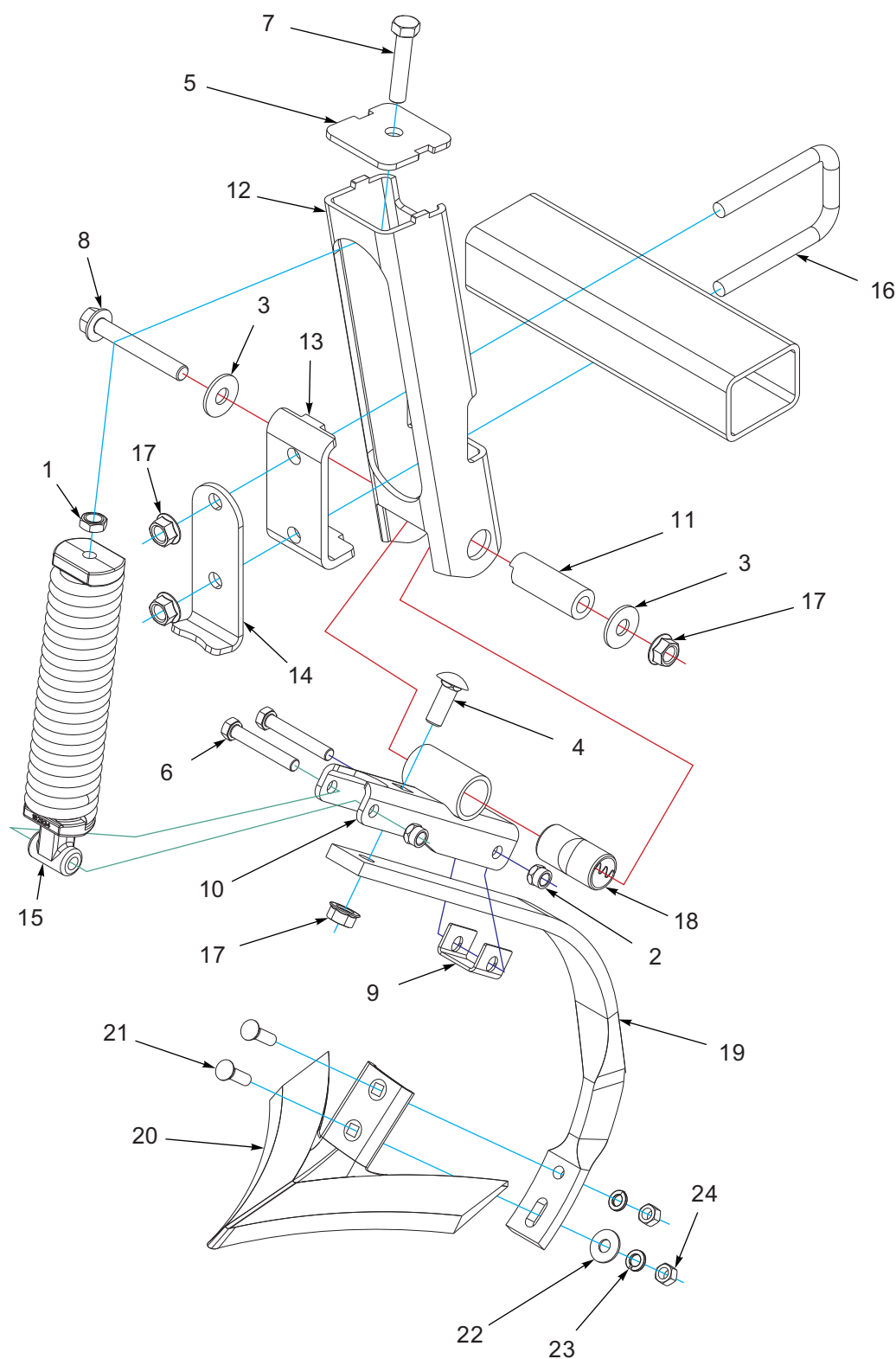


Figure 6-2: Shank Assembly, Spring (After 6-1-2020)

Shank Assembly, Spring (After 6-1-2020)

ITEM	PART NUMBER	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

Shank Assembly, S-Tine (Before 8-5-2024)

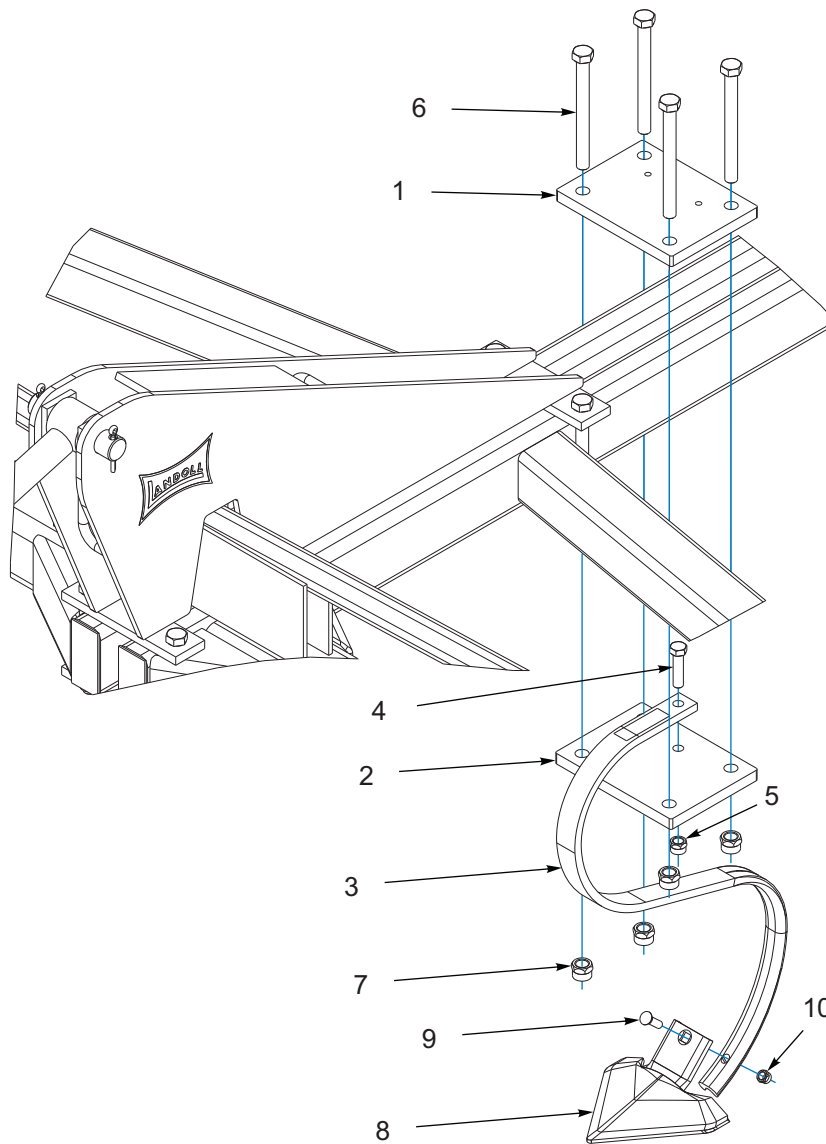


Figure 6-3: Shank Assembly, S-Tine (Before 8-5-2024)

Shank Assembly, S-Tine (Before 8-5-2024)

ITEM	PART NUMBER	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

Shank Assembly, S-Tine (After 8-5-2024)

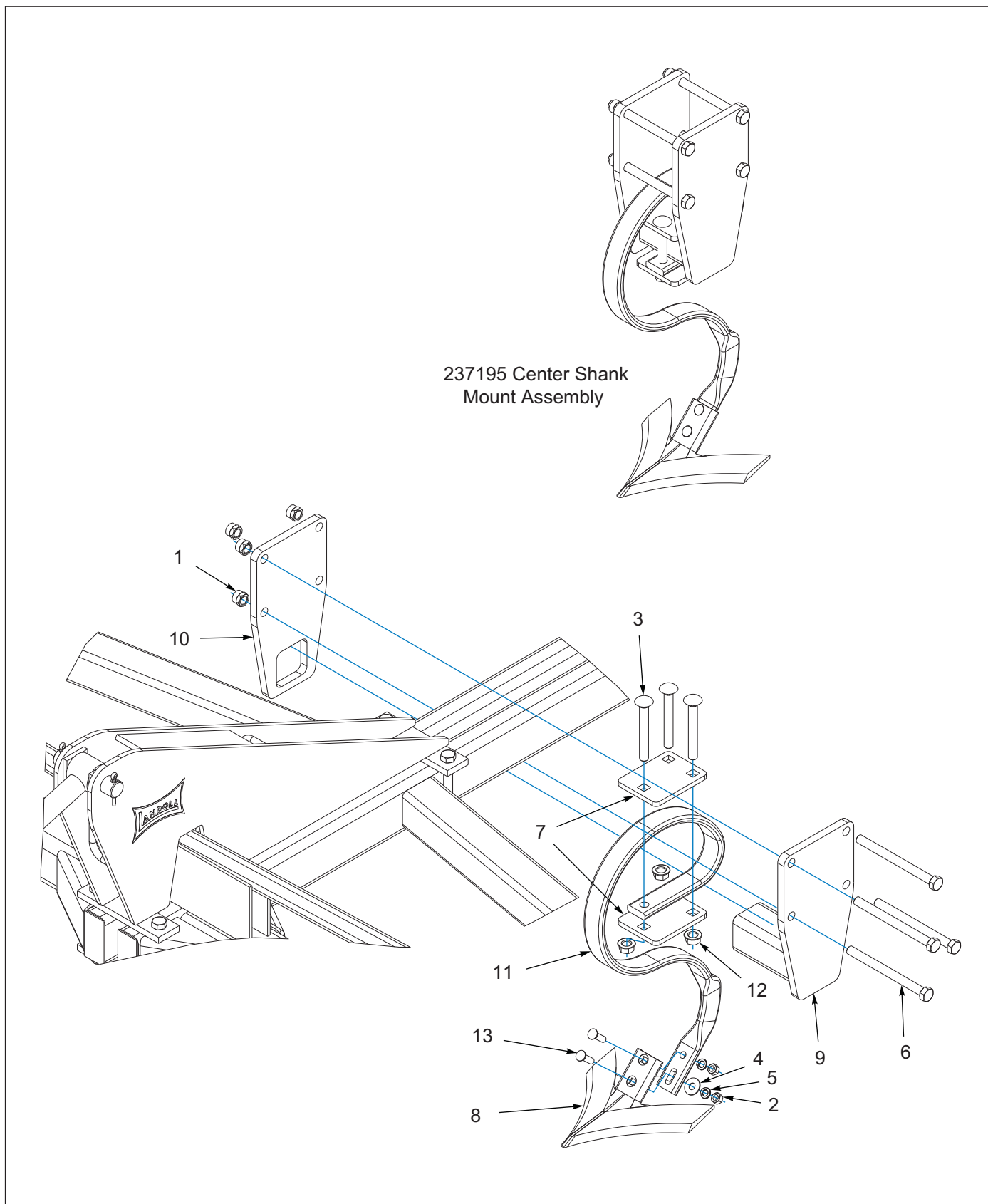


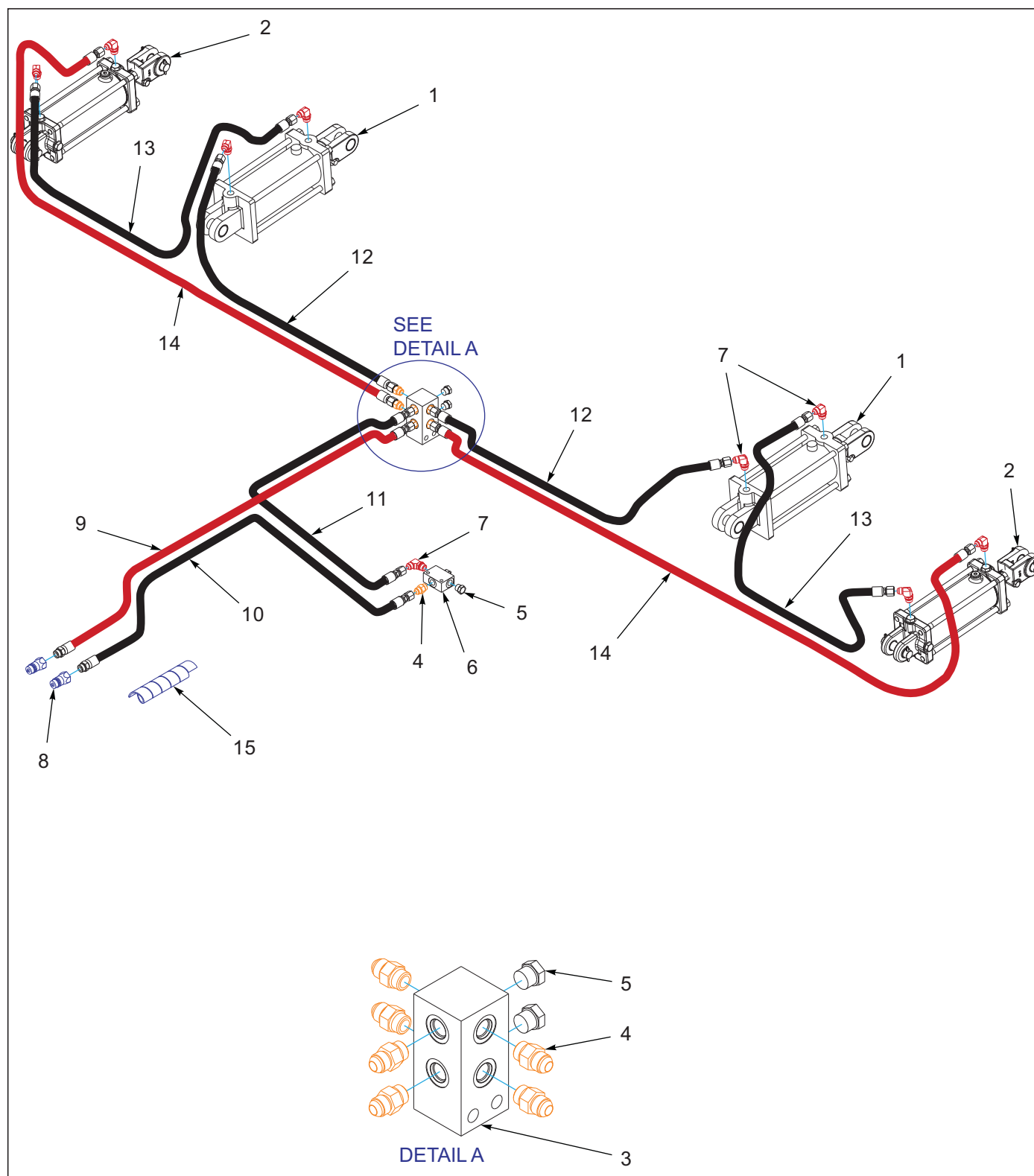
Figure 6-4: Shank Assembly, S-Tine (After 8-5-2024)

Shank Assembly, S-Tine (After 8-5-2024)

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	237195	ASSY, CTR SHANK MNT	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	4
2	1-512-010007-08	NUT, HEX 7/16-14 GR2 ZP	2
3	1-654-010126-15	SCREW,RD HD SQNCK 5/8-11 X 5	3
4	1-861-010032-13	WASHER FLAT 7/16	1
5	1-861-010034-12	WASHER,LOCKING HLC SPG 7/16	2
6	123096	SCREW,HX CP 5/8-11UNCX7.50GR5	4
7	2-565-010062	PLATE 3 HOLE	2
8	2-689-010057	SWEEP 1/4X10 ULTRAWING	1
9	237196	WLDMT, CTR SHANK MNT	1
10	237197	PLATE, CTR SHANK MNT	1
11	247576	S-TINE, EDGE BENT,9/16 X 1-3/4	1
12	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	3
13	7/16-14X1-1/2PW	BOLT,PLOW,7/16X1-1/2 GR5 ZP	2

Hydraulic Assemblies

Hydraulic Assembly, Lift



Hydraulic Assembly, Lift

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	247556	CYLINDER, 4-1/2 X 8, REPHASE (AFTER 03-25-2024) (SEE PAGE 8-5)	2
1	134558	CYLINDER,4-1/2X8 MASTER 876 (BEFORE 03-25-2024) (SEE PAGE 8-6)	2
2	247555	CYLINDER, 4 X 8, REPHASE (AFTER 10-01-2024) (SEE PAGE 8-3)	2
2	102182	CYL HYD 4X8 REPHASE,BUSH (BEFORE 10-01-2024) (SEE PAGE 8-4)	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

Hydraulic Assembly, Fold 877-30'

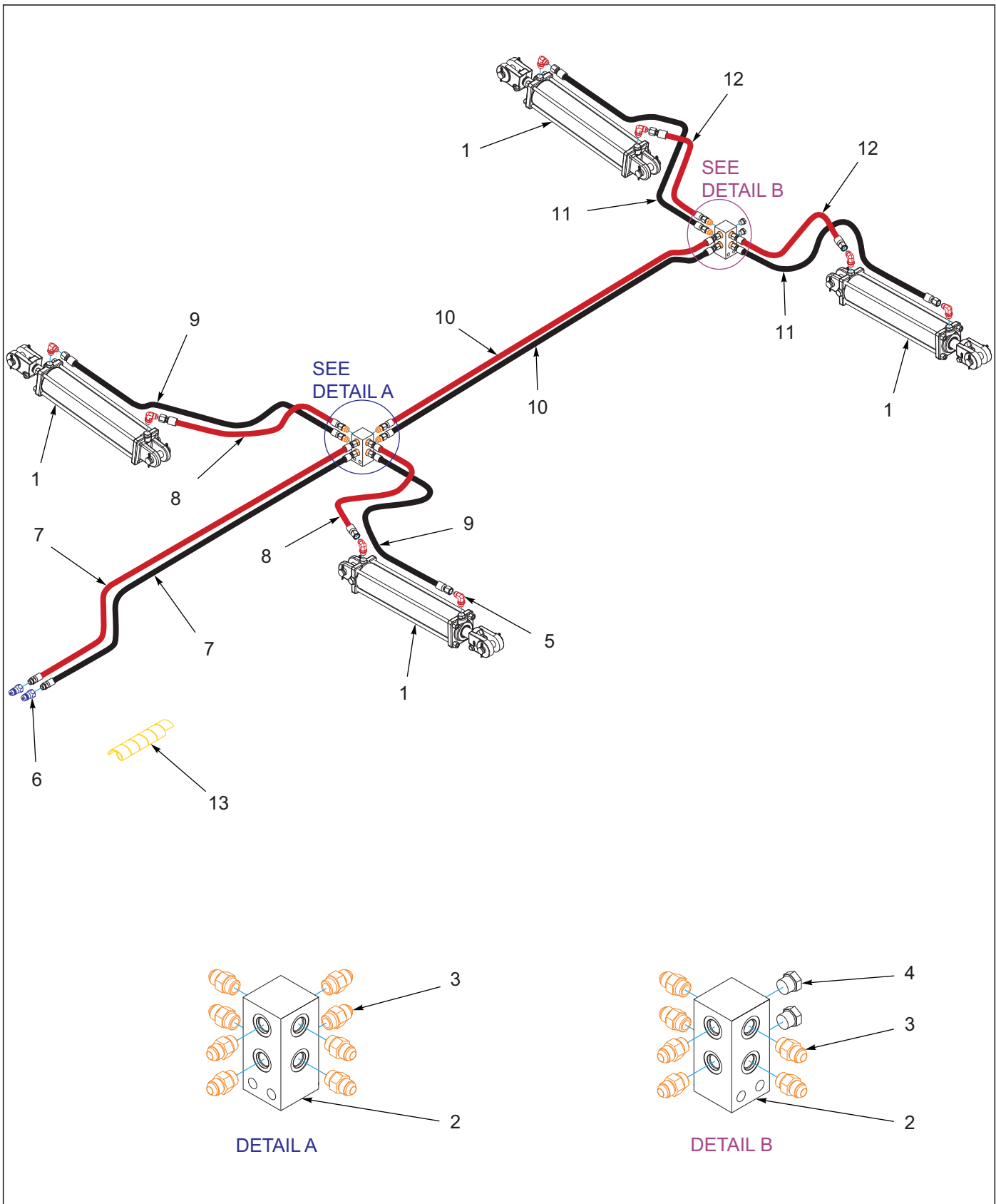


Figure 7-2: Hydraulic Assembly, Fold 877-30'

Hydraulic Assembly, Fold 877-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	1-242-010179-2	CYLINDER, HYD 3-1/2X16 3000PSI (SEE PAGE 8-7)	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

Hydraulic Assembly, Fold 877-35'-40'

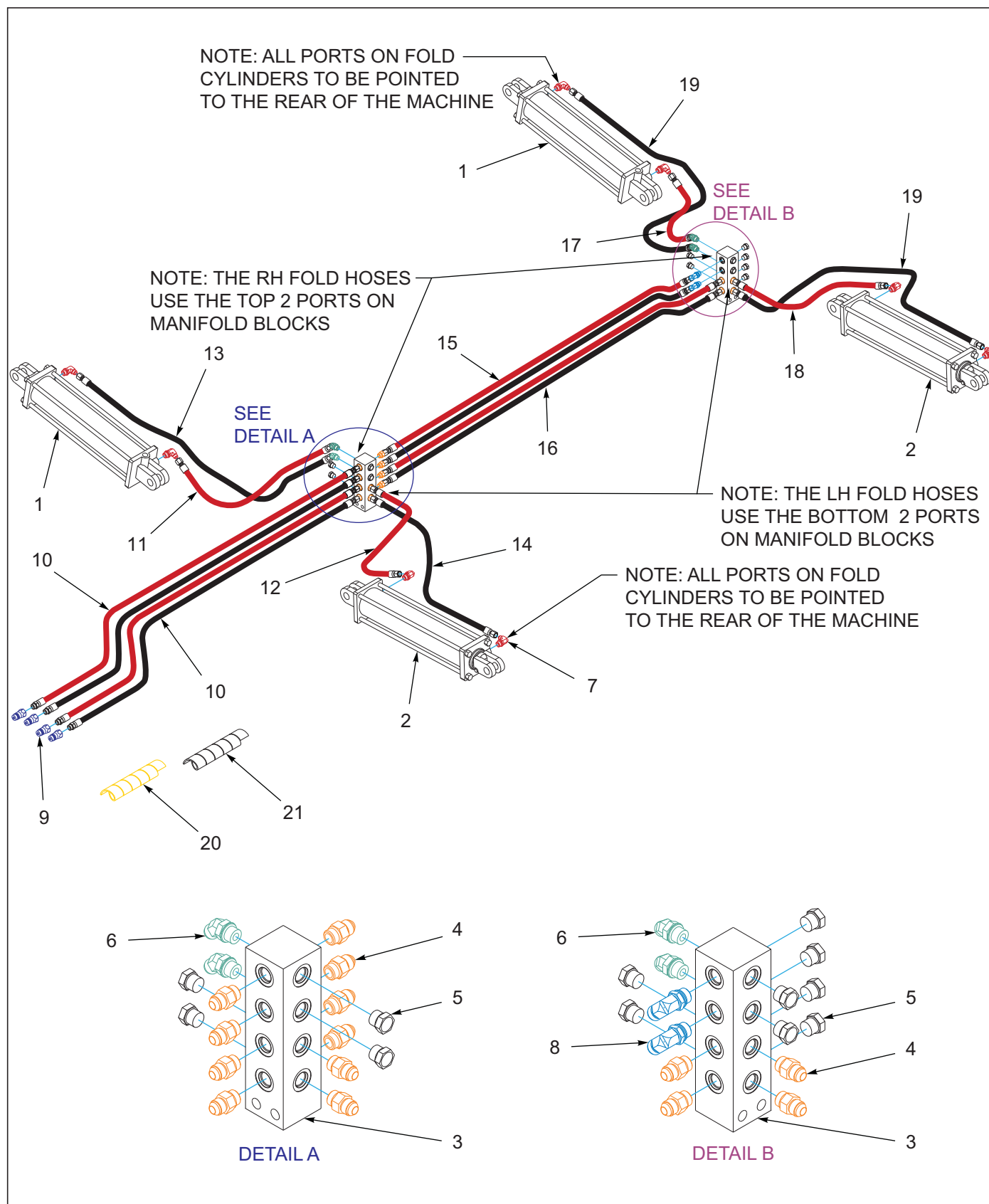


Figure 7-3: Hydraulic Assembly, Fold 877-35'-40'

Hydraulic Assembly, Fold 877-35'-40'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	107899	CYLINDER, 4-1/2X16 SIDE PORT (SEE PAGE 8-8) (RH WING)	2
2	108265	CYLINDER, 4-1/2X20 SIDE PORT (SEE PAGE 8-9) (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

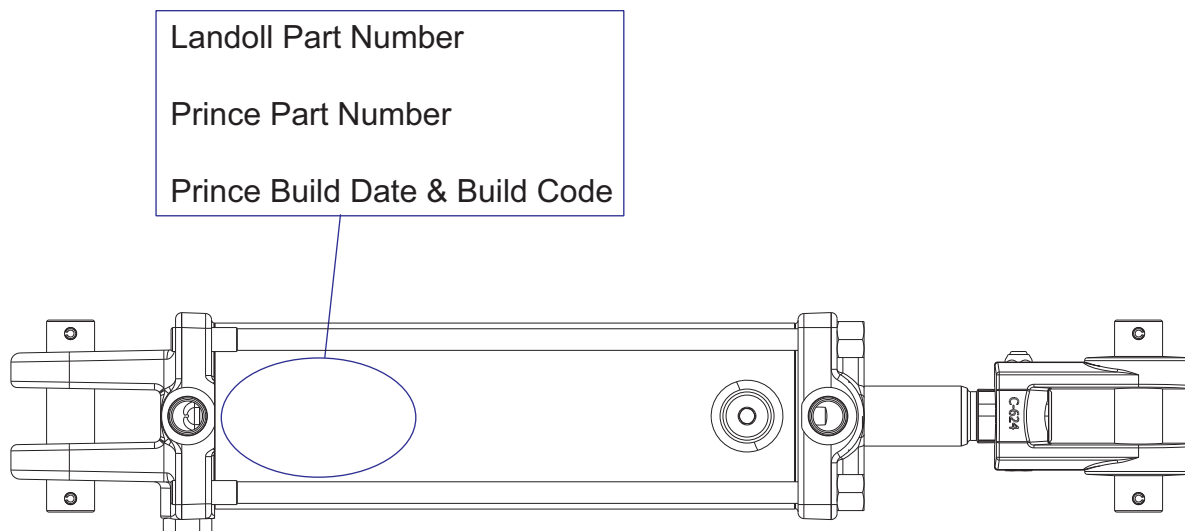
Cylinders

Rephasing Hydraulic Cylinder Change

As of January 1st, 2024, the **REPHASING** cylinders that Landoll purchases from Prince Manufacturing have been modified by Prince Manufacturing. These changes have required Landoll to assign new part numbers for the cylinders and corresponding service items, i.e. packing kits, glands, clevis ends, etc.

During assembly and service of your Landoll equipment it is important to know which cylinders you are dealing with. During the modification process listed above, Landoll requested that the below two changes be implemented to help aid our customers in identifying the cylinder:

1. Engrave the Landoll part number into the barrel of the cylinder.



2. Remove spring bushings in both the butt end and rod clevises. Change both clevises to an Austempered Ductile Iron (ADI) material for improved strength and wearability.

NOTE: When ordering parts, please make sure the correct cylinder part number has been identified, ensuring that you receive the correct parts. Record the information from the identification plate (See Figure 1-1) to assist with ordering parts.

Figure 8-1: Rephasing Hydraulic Cylinder Change

Cross Reference Matrix For Model 877 Tilloll

Old Landoll Part Number	New Landoll Part Number	Landoll Part Description
102182	247555	Cylinder, 4 x 8, Rephase
134558	247556	Cylinder, 4-1/2 x 8, Rephase

Figure 8-2: Cross Reference Matrix

Cylinder Assembly 4 x 8, Rephase

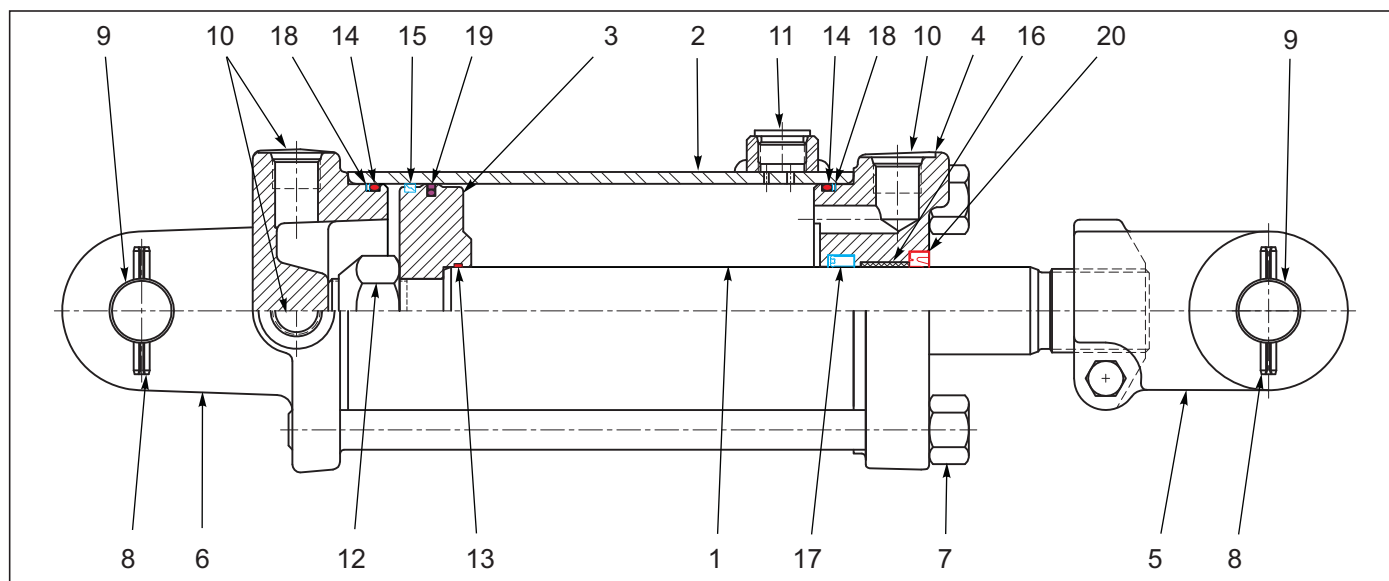


Figure 8-3: Cylinder Assembly 4 x 8, Rephase

Cylinder Assembly 4 x 8, Rephase

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	247555	CYLINDER, 4 X 8, REPHASE	
1	----	PISTON ROD	1
2	----	TUBE ASSEMBLY	1
3	----	PISTON	1
4	252929	GLAND, 4" BORE, PRINCE	1
5	252925	ROD CLEVIS-ADI, 1" PIN, PRINCE	1
6	252930	BUTT CLEVIS-ADI, 3-1/4 BORE, PRC	1
7	----	TIE ROD STUD W/ HEX NUT	1
8	111789	PIN, ROLL #190100057 (ø1/4 x 2)	4
9	143994	CLEVIS PIN, ø1 HARDEN, PRINCE	2
10	----	#8 SAE HEX HEAD PLUG	3
11	----	#8 SAE HOLLOW HEX PLUG	1
12	----	LOCKNUT	1
13	----	O- RING	1
14	----	O- RING	2
15	----	PISTON BEARING RING	1
16	252927	GLAND BUSHING, 1-3/8 ROD, PRINCE	1
17	----	U- CUP	1
18	----	BU- WASHER	2
19	----	TEFLON SEAL	1
20	----	CANNED WIPER	1
21	254211	PACKING KIT, 4" BORE, PRINCE (NOT SHOWN) (INCLUDES ITEMS 13-20)	

Cylinder Assembly 4 x 8, Rephase

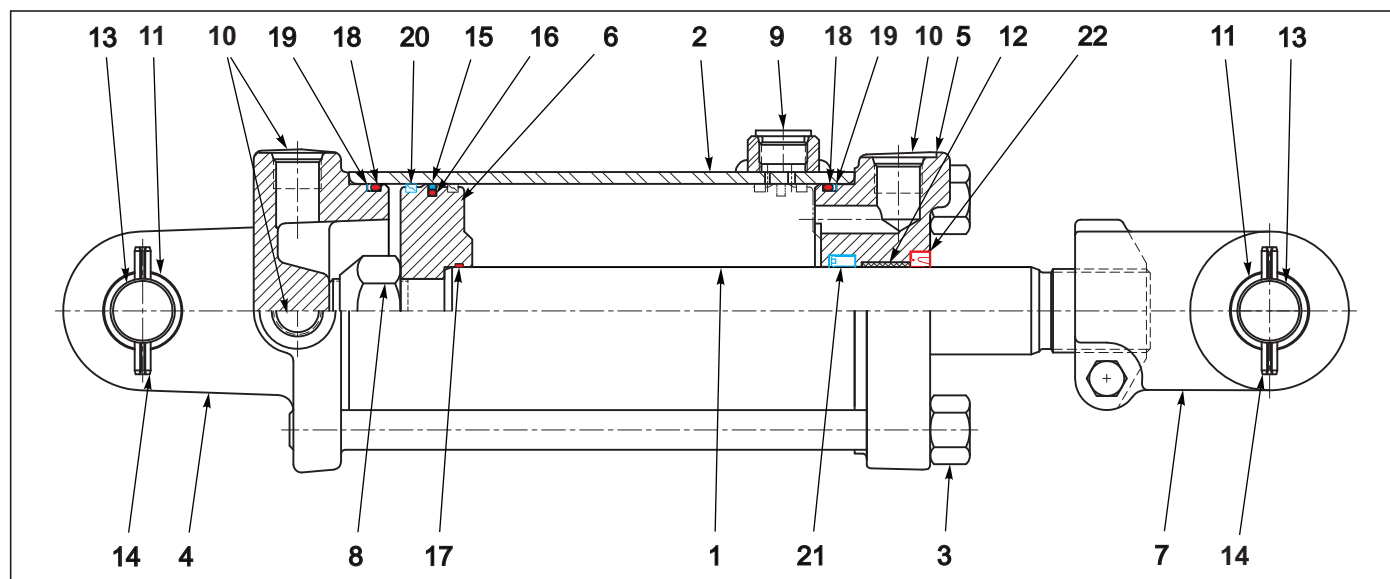


Figure 8-4: Cylinder Assembly 4 x 8, Rephase

Cylinder Assembly 4 x 8, Rephase

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	102182	CYL HYD 4X8 REPHASE,BUSH (DISCONTINUED)	
1	----	ROD, PISTON	1
2	----	TUBE ASSY	1
3	----	TIEROD ASSY	4
4	111877	BUTT 9800 #141900098	1
5	081900374	GLAND ASSEMBLY	1
6	----	PISTON	1
7	108806	CLEVIS ASSY 102182 #100000340	1
8	----	LOCKNUT	1
9	----	SHIPPING PLUG	1
10	----	SHIPPING PLUG	3
11	----	BUSHING	4
12	----	BUSHING	1
13	111790	PIN,CLEVIS #190400104 1500	2
14	111789	PIN,ROLL #190100057 (ø1/4 x 2)	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	SEAL KIT, FOR 102182, 193252 (NOT SHOWN) (INCLUDES ITEMS 15-22)	

Cylinder Assembly 4-1/2 x 8, Rephase

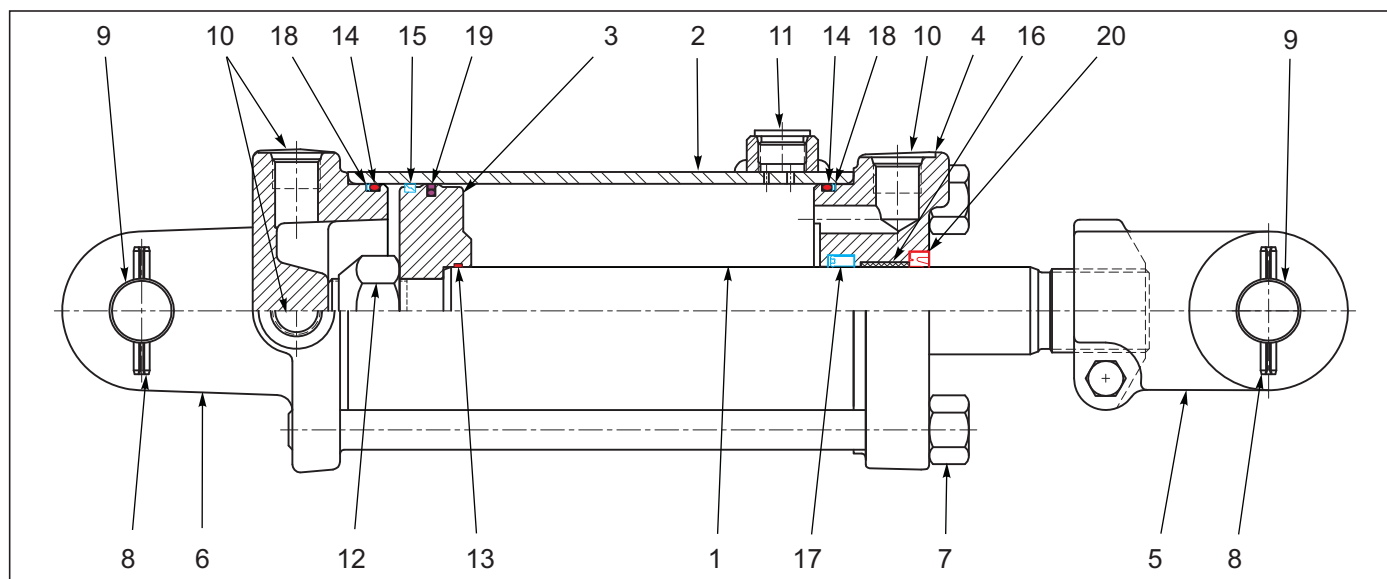


Figure 8-5: Cylinder Assembly 4-1/2 x 8, Rephase

Cylinder Assembly 4-1/2 x 8, Rephase

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	247556	CYLINDER, 4-1/2 X 8, REPHASE	
1	----	PISTON ROD	1
2	----	TUBE ASSEMBLY	1
3	----	PISTON	1
4	252932	GLAND, 4-1/2" BORE, PRINCE	1
5	252933	ROD CLEVIS-ADI, 1-1/4" PIN, PRINCE	1
6	252934	BUTT CLEVIS-ADI, 4-1/2 BORE, PRC	1
7	----	TIE ROD STUD W/ HEX NUT	1
8	147072	PIN, SPRING SLOTTED 5/16 X 2	4
9	147755	CLEVIS PIN, Ø1-1/4 HARD, PRINCE	2
10	----	#8 SAE HEX HEAD PLUG	3
11	----	#8 SAE HOLLOW HEX PLUG	1
12	----	LOCKNUT	1
13	----	O- RING	1
14	----	O- RING	2
15	----	PISTON BEARING RING	1
16	252935	GLAND BUSHING, 2" ROD, PRINCE	1
17	----	U- CUP	1
18	----	BU- WASHER	2
19	----	TEFLON SEAL	1
20	----	CANNED WIPER	1
21	254212	PACKING KIT, 4-1/2 BORE, PRINCE (NOT SHOWN) (INCLUDES ITEMS 13-20)	

Cylinder Assembly 4-1/2 x 8, Rephase

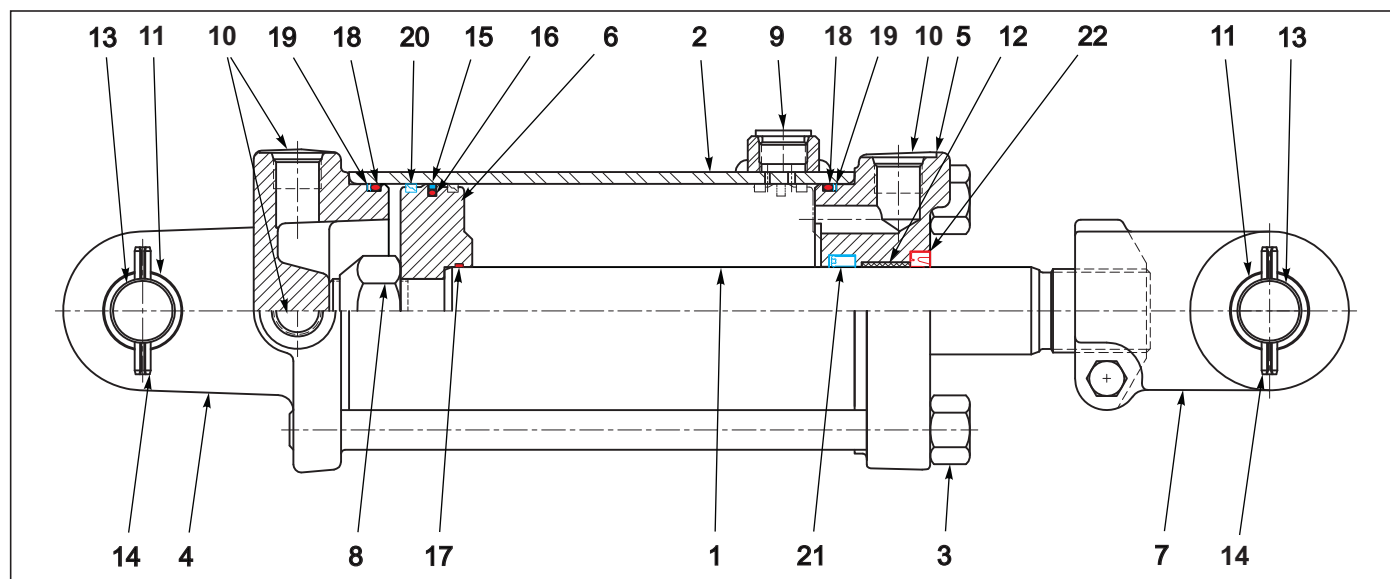


Figure 8-6: Cylinder Assembly 4-1/2 x 8, Rephase

Cylinder Assembly 4-1/2 x 8, Rephase

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	134558	CYLINDER,4-1/2X8 MASTER 876 (DISCONTINUED)	
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)	

Cylinder Assembly 3-1/2 x 16

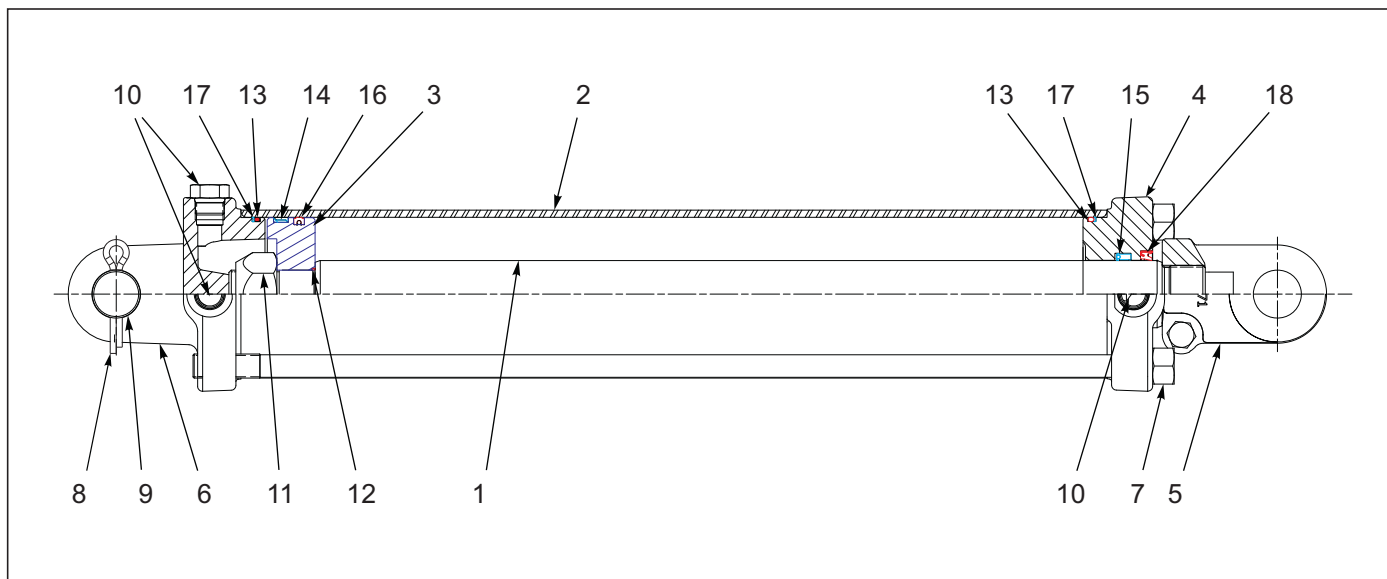


Figure 8-7: Cylinder Assembly 3-1/2 x 16

Cylinder Assembly 3-1/2 x 16

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	1-242-010179-2	CYLINDER, HYD 3-1/2X16 3000PSI	
1	----	PISTON ROD	1
2	----	TUBE	1
3	----	PISTON	4
4	111870	GLAND	2
5	----	CLEVIS ASSY	1
6	----	BUTT CLEVIS	1
7	----	TIE ROD STUD W/HEX NUT	4
8	----	COTTER PIN	4
9	111790	CLEVIS PIN	2
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)	

Cylinder Assembly 4-1/2 x 16

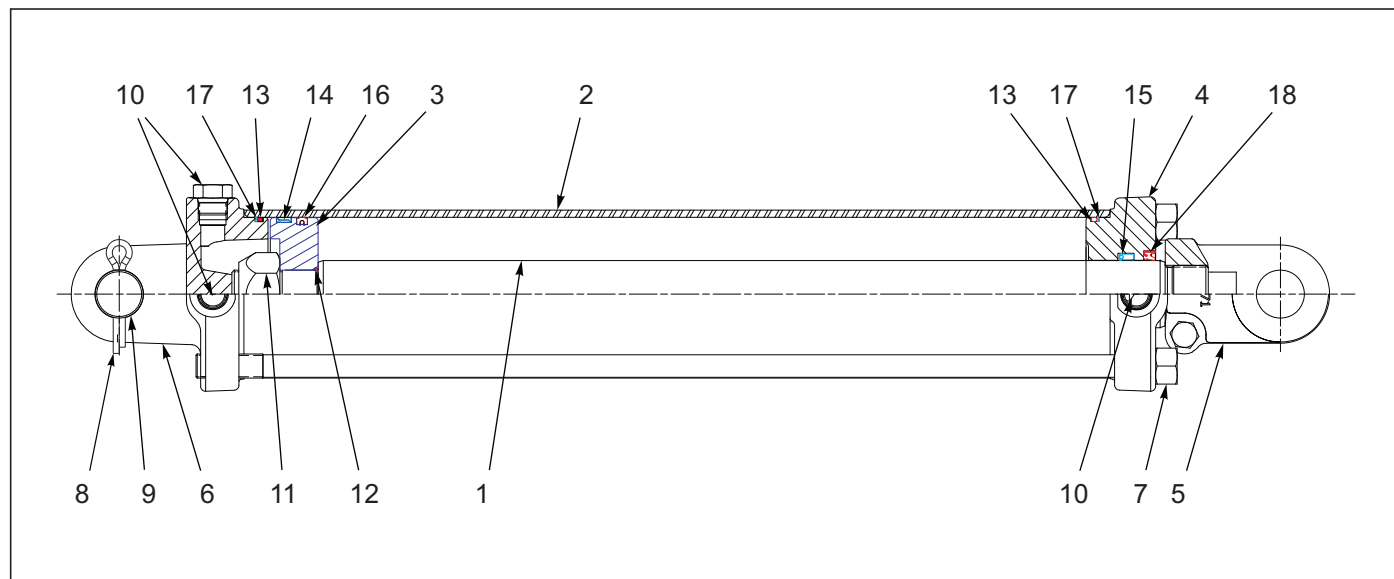


Figure 8-8: Cylinder Assembly 4-1/2 x 16

Cylinder Assembly 4-1/2 x 16

ITEM	PART NUMBER	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)	

Cylinder Assembly 4-1/2 x 20

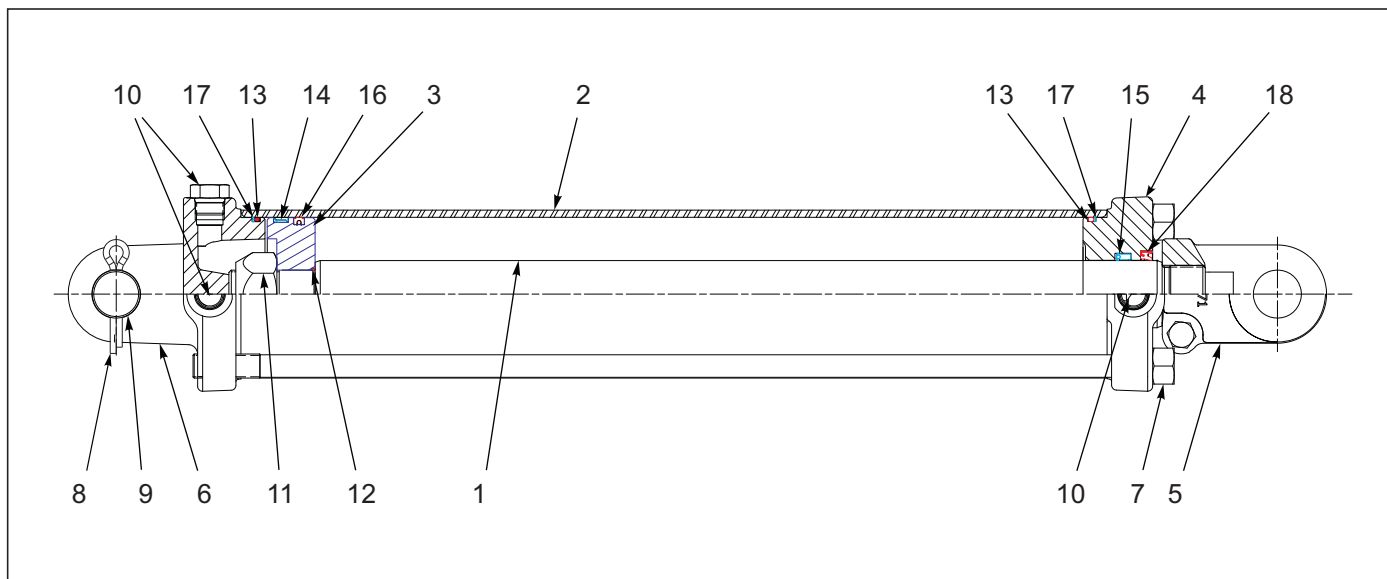


Figure 8-9: Cylinder Assembly 4-1/2 x 20

Cylinder Assembly 4-1/2 x 20

ITEM	PART NUMBER	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)	

Table provided for general use.

[illegible]

Electrical

Electrical Assembly W/LED Lights

7-PIN CONN.	4-PIN TOWER	CIRCUIT	WIRE COLOR
1	D	GROUND	WHITE 
2	–	WORK LAMPS	BLACK 
3	B	LEFT FLASHING & TURN	YELLOW 
4	–	STOP LAMPS	RED 
5	A	RIGHT FLASHING & TURN	GREEN 
6	C	TAIL LAMPS	BROWN 
7	–	SWITCHED POWER (12 V)	BLUE 

MAIN WARNING LIGHT HARNESS - WIRING CHART

(NOTE: The Color Of The Wire Jacket Does Not Necessarily Match The Color Of The 7 Pin Connector)

	RIGHT AMBER	RIGHT RED		LEFT RED	LEFT AMBER
	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 9-1: Electrical Assembly W/LED Lights (1 of 2)

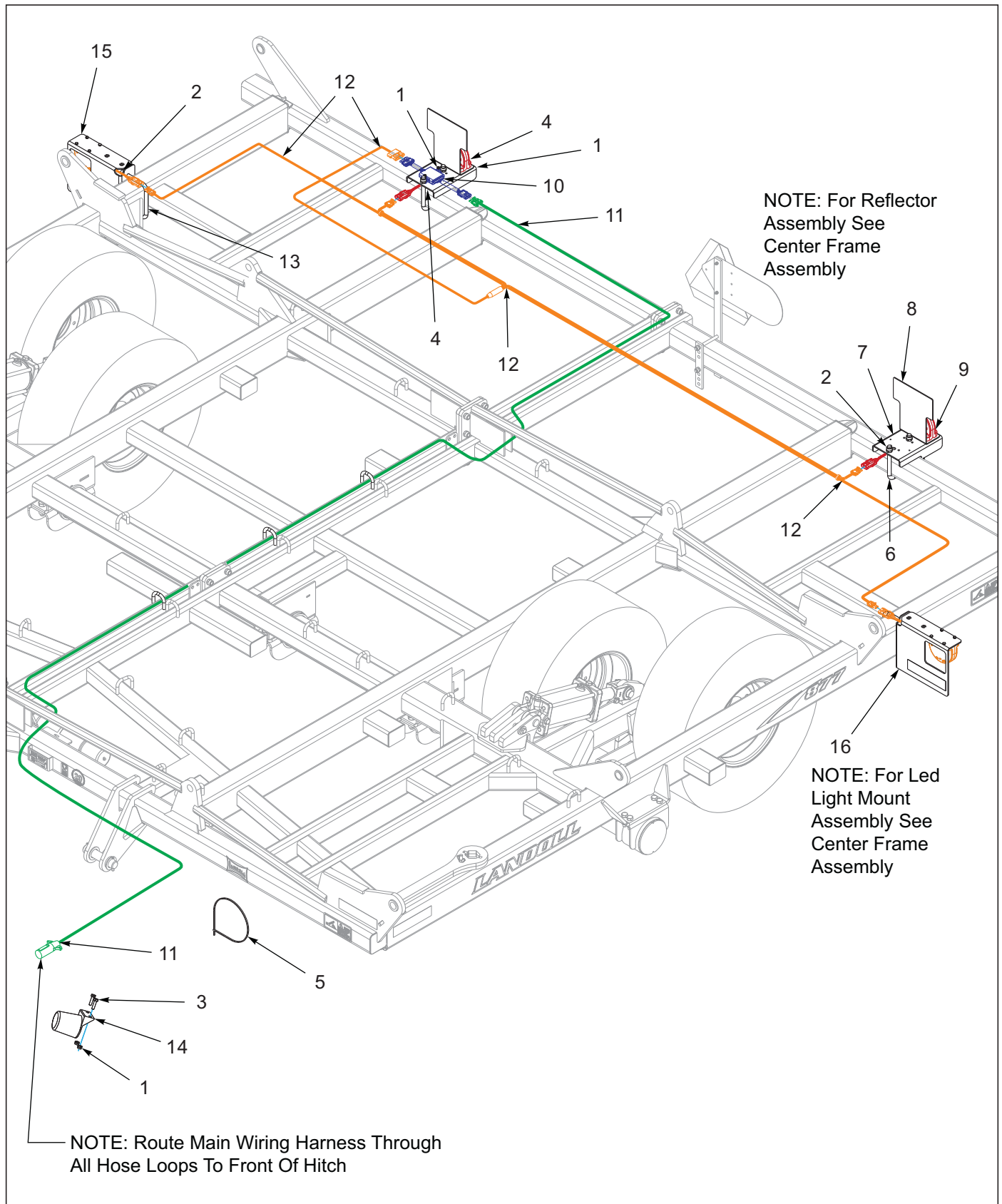


Figure 9-2: Electrical Assembly W/LED Lights (2 of 2)

Electrical Assembly W/LED Lights

ITEM	PART NUMBER	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 1-1)	2
8	164140	REFLECTOR ASSY (SEE PAGE 1-1)	2
9	174435	LAMP, AG RED SINGLE LED	2
10	174437	MODULE, AG FLASHER CONTROL (SEE PAGE 1-1)	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 1-1)	1
15	222132	LIGHT ASSY, RH LED AMBER (SEE PAGE 1-1)	1
16	222133	LIGHT ASSY, LH LED AMBER (SEE PAGE 1-1)	1

Table provided for general use.

[illegible]

Decals

Decals

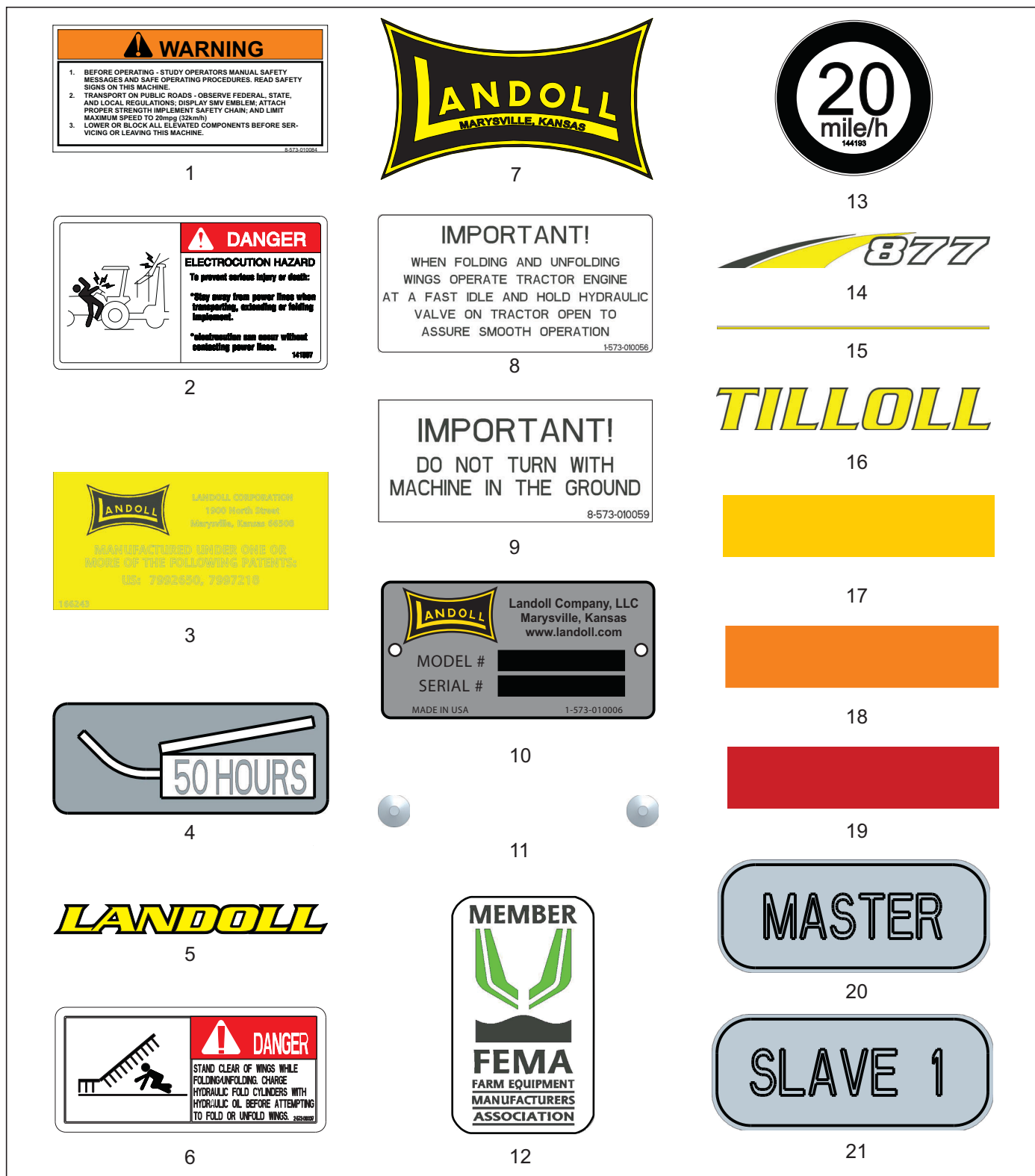


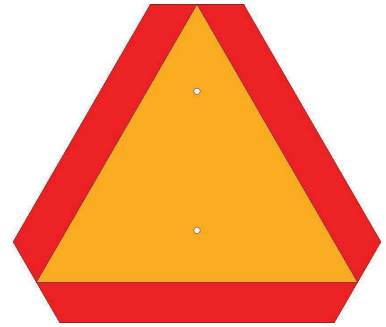
Figure 10-1: Decals (1 Of 3)



22



23



24



25

Figure 10-2: Decals (2 Of 3)

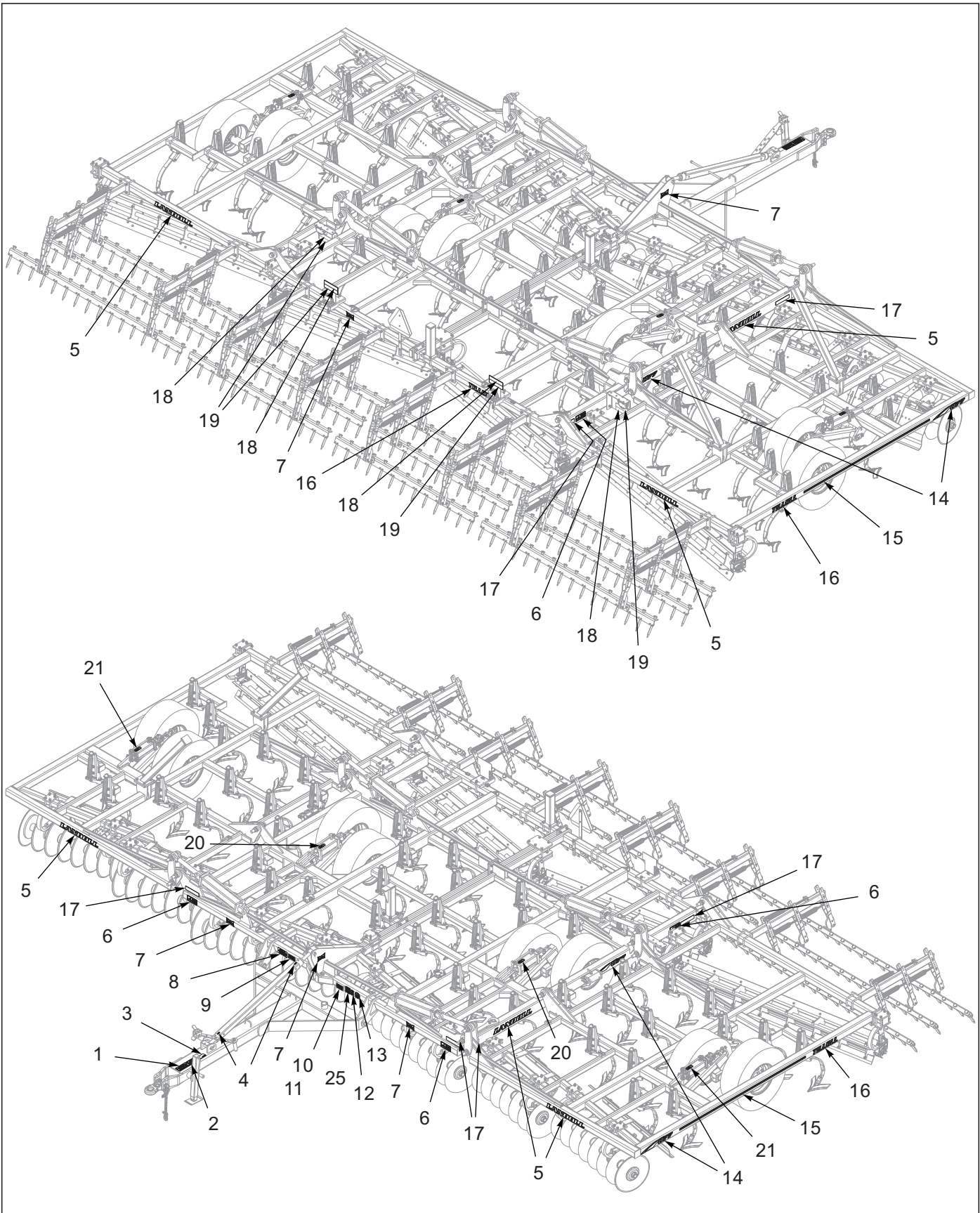


Figure 10-3: Decals (3 Of 3)

Decals

ITEM	PART NUMBER	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	6
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
25	232184	DECAL, QR CODE TILLOLL SERIES	1

Attachments

Reel & Harrow Layout

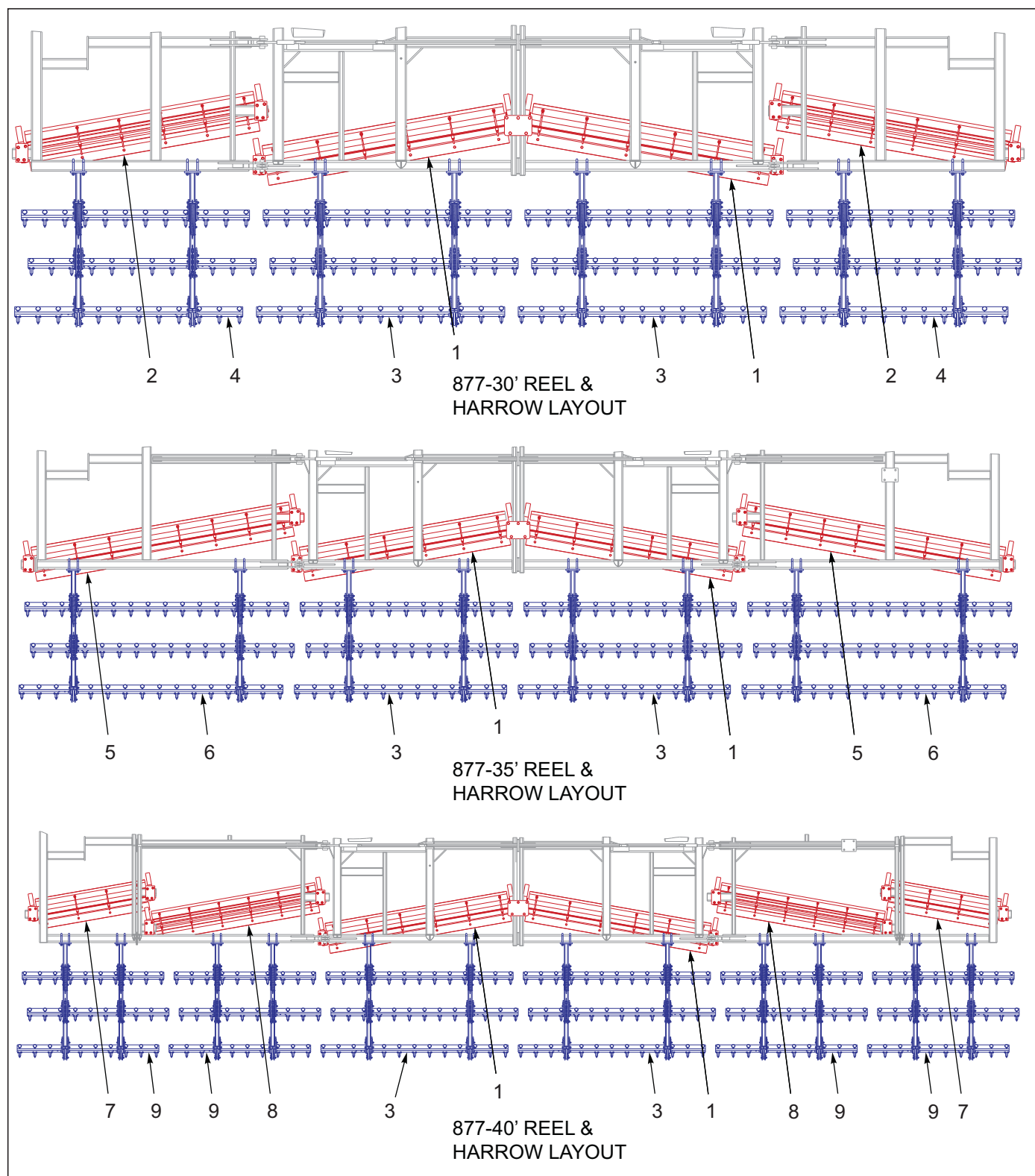


Figure 11-1: Reel & Harrow Layout

Reel & Harrow Layout

ITEM	PART NUMBER	DESCRIPTION	QTY.		
--	----	REEL & HARROW LAYOUT 877-30'	*		
--	----	REEL & HARROW LAYOUT 877-35'	*		
--	----	REEL & HARROW LAYOUT 877-40'	*		
1	----	REEL ASSEMBLY 91" (SEE 11-3 THRU 11-5)	2	2	2
2	----	REEL ASSEMBLY 86-1/2" (SEE 11-3 THRU 11-5)	2	--	--
3	----	HARROW ASSEMBLY 92-1/2" (SEE PAGE 11-7)	2	2	2
4	----	HARROW ASSEMBLY 85" (SEE PAGE 11-7)	2	--	--
5	----	REEL ASSEMBLY 114" (SEE 11-3 THRU 11-5)	--	2	--
6	----	HARROW ASSEMBLY 115" (SEE PAGE 11-7)	--	2	--
7	----	REEL ASSEMBLY 55" (SEE 11-3 THRU 11-5)	--	--	2
8	----	REEL ASSEMBLY 82" (SEE 11-3 THRU 11-5)	--	--	2
9	----	HARROW ASSEMBLY 70" (SEE PAGE 11-7)	--	--	4

Reel Assembly

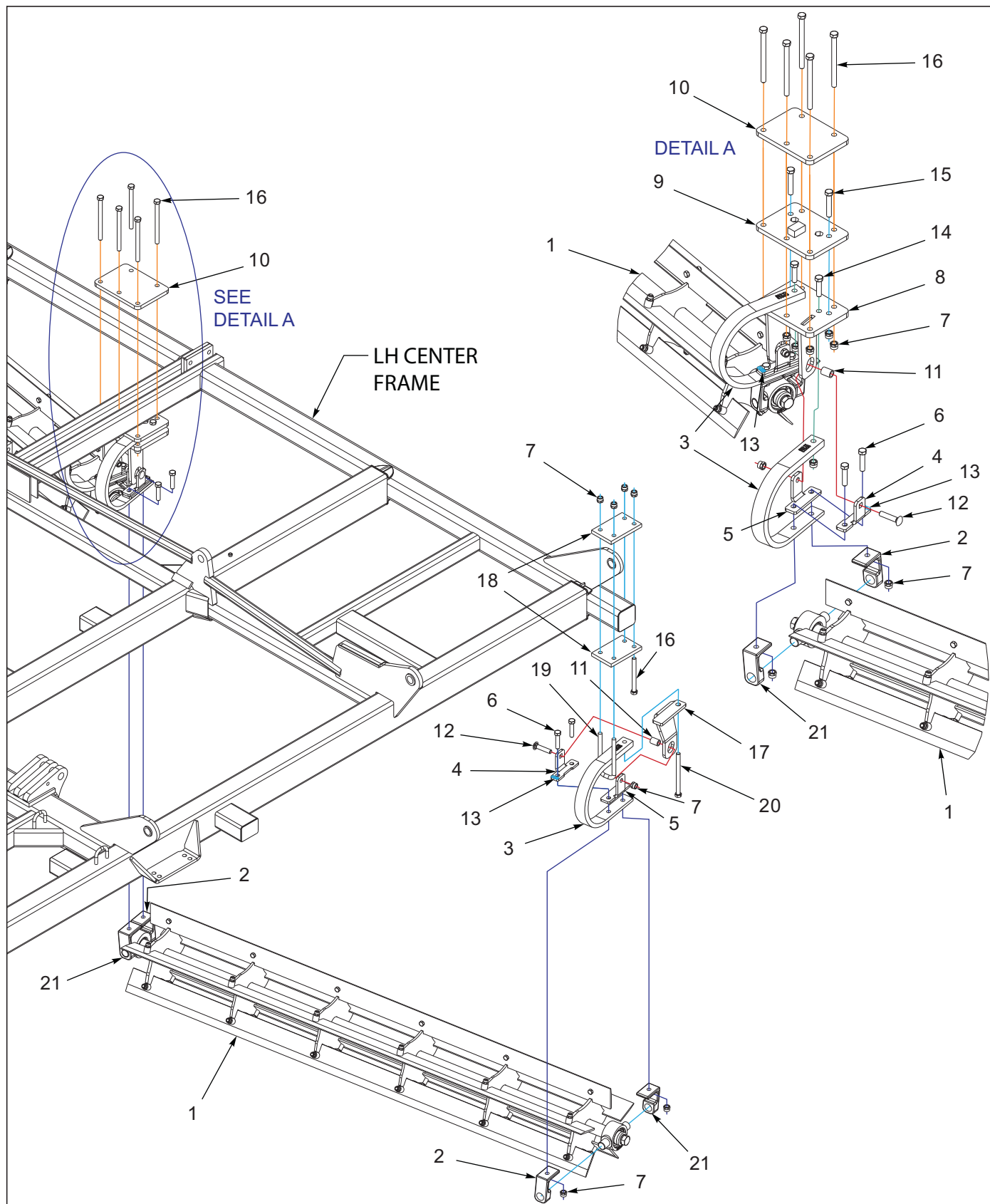


Figure 11-2: Reel Assembly

Reel Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.	
1	-----	REEL ASSEMBLY 877-30'-35' (SEE PAGE 11-3)	*	
1	-----	REEL ASSEMBLY 877-40' (SEE PAGE 11-3)	*	
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

Chopper Reel Assembly

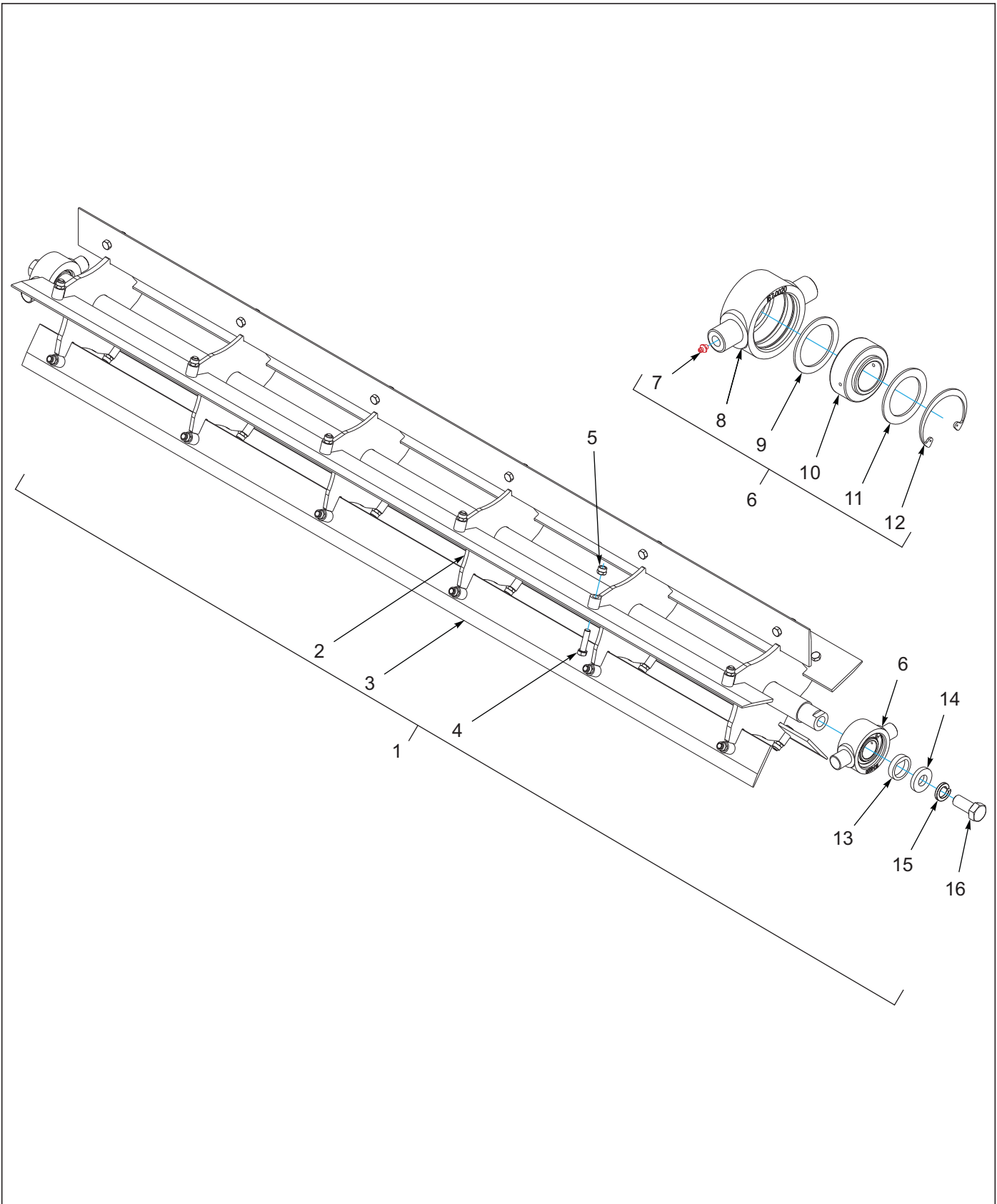


Figure 11-3: Chopper Reel Assembly

Chopper Reel Assembly

ITEM	PART NUMBER	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"	*			
1	222147	ASSY, CHOPPER REEL 86-1/2"				
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
2	222148	REEL ASSY, 86-1/2" BLADE	--	--	--	--
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
3	8-622-010010	REEL BLADE 86-1/2 IN	--	--	--	--
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

Harrow Layout

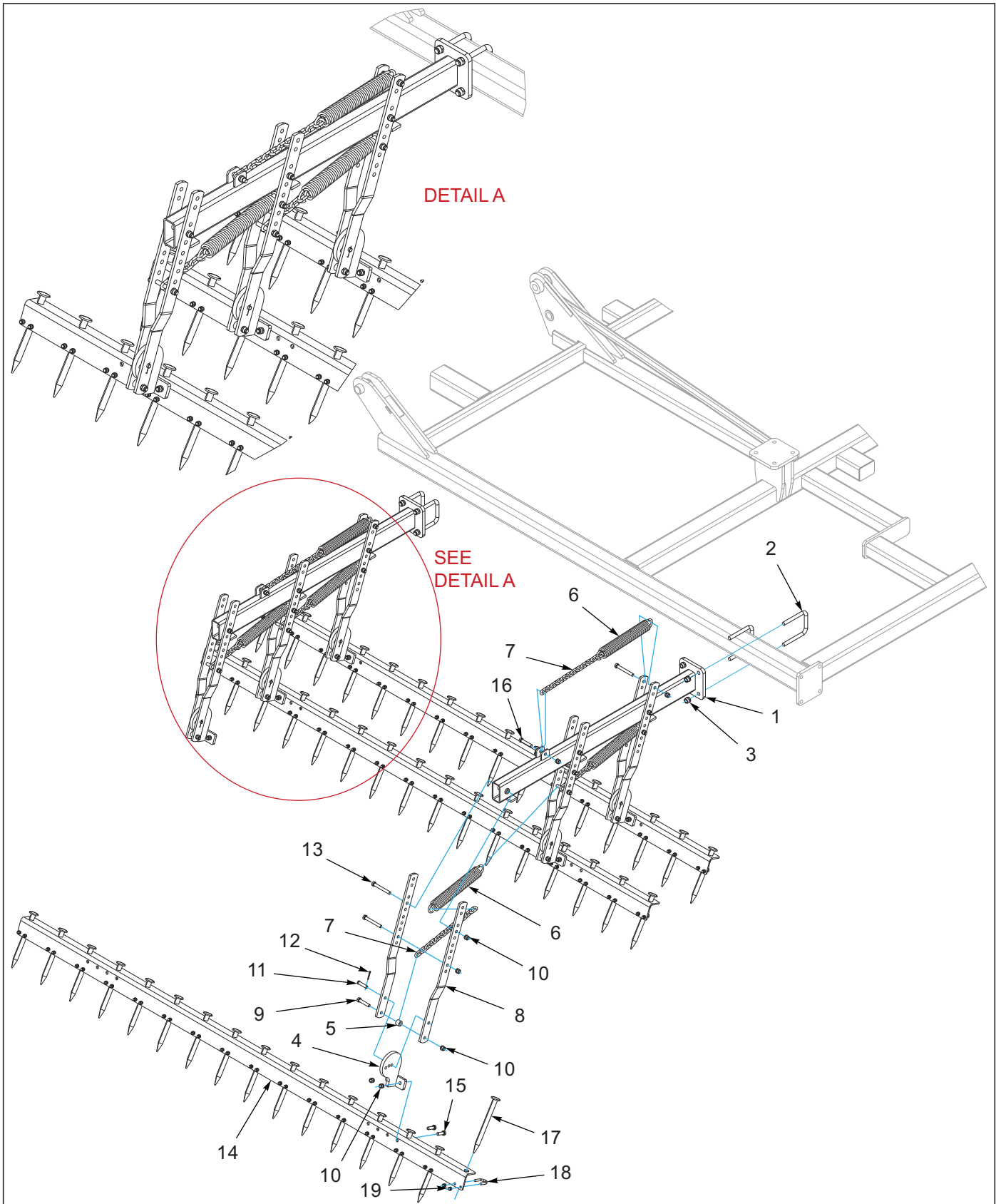


Figure 11-4: Harrow Layout

Harrow Layout

ITEM	PART NUMBER	DESCRIPTION	QTY.		
--	----	HARROW ASSEMBLY 877-30' (SEE 11-1 FOR PROPER PLACEMENT)	*		
--	----	HARROW ASSEMBLY 877-35'(SEE 11-1 FOR PROPER PLACEMENT)	*		
--	----	HARROW ASSEMBLY 877-40'(SEE 11-1 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

Glossary

For clarity this glossary of industry standard abbreviations and their definitions are provided.

A

ASM Assembly

B

BATT Battery
BHSC Button Head Socket Cap
BLK Black

C

CB Carriage Bolt
CONN Connector
CRG Carriage
CTSK Countersunk
CTWT Counterweight
CVR Cover
CYD Cylinder

D

DBL Double
DIA Diameter

E

ENCLSD Enclosed

F

FHCS Flanged Head Cap Screw
FHHCS Flanged Hex Head Cap Screw
FL OR FLG Flange
FLT Flat

G

GA Gauge

H

HHCS Hex Head Cap Screw
HCS High Carbon Steel
HD Head
HLCL Helical
HCSKT Hex Socket
HSFC Hex Socket Flat Countersunk
HYD Hydraulic

I

ID Inside Diameter

L

LH Lefthand
LKG OR LOCK Locking
LWR Lower

M

MANF Manifold
MNT Mount

N

NRW Narrow
----- Not Serviced Separately

O

OD Outside Diameter
OHG Overhead Guard
ORFS OR ORS O-Ring Seal
ORP OR ORB O-Ring Boss

P

P-STEER Power Steering
PTFE Polytetrafluoroethylene (Teflon)

R

RH Righthand
RND Round

S

SER Series
SHCS Socket Head Cap Screw
SHLD Shield
SKT Socket
SLFLKG Selflocking
SOC Socket
SPDT Single Pole Double Throw
SPR Spring
SQ Square
SRTD Serrated
SSCR Setscrew
SST Stainless Steel
STD Standard

U

UPR Upper

W

WHL Wheel
WLD OR WLDMT Weldment

Index

Numerics

0800-0500-02000	11-8	113215	8-4
081900374	8-4	114002	4-4, 4-6
100000362	8-8, 8-9	116100	3-4, 3-6
100214	2-6	116360	2-2
100695	2-2	116433	7-4
1-007-010025	7-2, 7-4, 7-6	116489	7-4
100807	2-2	116490	7-6
100827	6-2	119083	3-2, 3-4, 3-6
100844	2-6	122910	7-4, 7-6
101385	3-4, 3-6, 4-4, 4-6	122917	1-5
102182	3-2, 3-4, 3-6, 7-2, 8-4	123096	6-8
102498	3-8, 3-10	123547	7-6
102600	1-4, 3-2, 3-4, 3-6, 3-8, 3-10	1-242-010178-2	8-7
102601	3-8	1-242-010179-2	4-2, 7-4, 8-7
102604	3-8, 3-10	1-298-010001-1	1-4, 2-2, 2-6, 3-2, 3-4, 3-6, 11-6
103153	8-6	132077	8-8, 8-9
103841	2-2	133662	6-2, 6-4
105-0093	1-2	134446	2-2
105874	9-3	134486	2-2
1-065-010011	5-2	134495	1-4
1-065-010013	11-6	134496	3-2, 3-4, 3-6
107-0018	6-6, 11-4	134498	3-2, 3-4, 3-6
107899	4-4, 4-6, 7-6, 8-8	134558	1-4, 7-2, 8-6
108265	4-4, 4-6, 7-6, 8-9	135439	11-4
108628	1-5, 6-2	135442	11-4
108806	8-4	135443	11-4
108830	1-2	135913	8-6
1-116-010019	1-2	136509	11-4
111789	8-3, 8-4, 8-6	136510	11-4
111790	8-4, 8-7	137304	8-6
111870	8-7	137943	11-6
111877	8-4	139800	3-2, 3-4, 3-6
111962	3-8, 3-10	140479	5-9
		140480	5-9
		140487	5-2, 5-9

140519	1-4	1-512-010005-09	1-2, 1-4, 3-2, 3-4, 3-6, 4-2, 4-4, 4-6, 5-2, 5-9, 6-2, 6-4, 6-6, 11-6, 11-8
140548	1-4, 3-2, 3-4, 3-6	1-512-010005-13	1-2, 1-4, 2-2, 3-4, 3-6, 4-2, 4-4, 4-6, 5-2, 5-9, 5-16, 6-6, 6-8, 9-3, 11-4, 11-8
140551	1-4, 3-2, 3-4, 3-6	1-512-010005-15	1-4
140552	1-4, 3-2, 3-4, 3-6	1-512-010005-19	2-2, 3-2, 4-2
140553	1-4, 3-2, 3-4, 3-6	1-512-010007-07	2-2
140647	2-2, 2-3	1-512-010007-08	6-2, 6-4, 6-8
1407064	7-4, 7-6	1-512-010007-09	6-2
141196	1-4, 3-2, 3-4, 3-6	1-512-010008-12	2-6
141228	1-2, 9-3	1-512-010011-19	2-2
141234	1-4	1-516-010001-20	1-4, 3-2, 3-4, 3-6, 3-8, 3-10
141246	2-2	1-516-010001-27	5-2, 5-9
141247	2-2	1-533-010001	1-2
141249	2-2	153843	7-6
141250	2-3	155528	7-2
141259	10-4	155529	7-4, 7-6
141260	10-4	155530	7-6
1413640	7-6	1-557-010013	1-2
141434	2-2	1-557-010362-40	11-8
141594	4-4, 4-6, 7-6	1-557-010362-51	1-4, 3-2, 3-4, 3-6, 3-8, 3-10
141597	10-4	1-557-010362-63	2-2
141807	2-2	156010	10-4
141826	7-4, 7-6	156860	3-2, 3-4, 3-6
141828	7-2, 7-4, 7-6	156949	2-6
141883	7-2	156972	1-4, 3-2, 3-4, 3-6, 3-8
142122	8-6	156973	3-8, 3-10
142194	2-3	156974	3-8
143994	8-3	156979	3-8, 3-10
144048	1-5	1-573-010006	10-4
144193	10-4	1-573-010056	10-4
147072	8-5	1-573-010373	10-4
147755	8-5	159569	7-2
150273	7-2	159970	3-8
151029	11-8	160161	5-2, 5-9
1-511-010001-07	6-4	161515	10-4
1-512-010005-01	1-2, 2-2, 9-3	161545	1-4, 3-2, 3-4, 3-6
1-512-010005-03	1-4, 1-5, 6-2	161546	1-4, 3-2, 3-4, 3-6
1-512-010005-05	1-4, 6-6, 11-8		

162536	4-4, 4-6	1-654-010059-07	1-4, 5-2, 11-4
162778	7-6	1-654-010059-08	11-4
162906	6-4	1-654-010059-11	11-4
1-630-010021-03	1-5	1-654-010059-16	5-2
163038	8-8, 8-9	1-654-010059-17	2-2
163504	3-2, 3-4, 3-6	1-654-010059-21	11-4
164124	1-4	1-654-010061-05	1-4
164138	1-2, 9-3	1-654-010061-19	2-2
164139	1-2	1-654-010070-02	5-2, 5-9
164140	1-2, 9-3	1-654-010070-04	5-2
164146	6-4	1-654-010087-16	2-6
164147	6-4	1-654-010123-01	3-4, 3-6, 4-4, 4-6
164192	6-4	1-654-010125-20	3-2, 4-2
1-647-010004217	2-2	1-654-010125-22	2-2
1-647-010004257	2-2, 5-2, 5-9	1-654-010126-15	6-8
164861	11-4	166160	6-4
165257	1-4	166717	1-5
165258	1-5	168521	7-2
165259	1-5	168859	3-8, 3-10
165260	1-5	171892	1-2, 3-6
165265	1-4	172509	5-2, 5-9
1-654-010032-09	5-9	172667	6-4
1-654-010047-06	1-2, 2-2, 9-3	172671	6-4
1-654-010047-07	1-2	172672	6-4
1-654-010047-08	1-2, 9-3	174435	1-2, 9-3
1-654-010049-19	1-4	174436	1-2
1-654-010051-06	1-4	174437	1-2, 9-3
1-654-010055-03	11-8	174438	9-3
1-654-010055-05	1-4, 5-2, 5-9, 6-6, 11-6	174439	9-3
1-654-010055-07	3-2, 3-4, 3-6, 11-8	174708	1-5
1-654-010055-09	5-2	174709	1-5
1-654-010055-11	4-2, 4-4, 4-6	176996	7-2
1-654-010055-13	11-8	177030	2-6
1-654-010055-14	1-4, 3-2, 3-4, 3-6	177031	2-2, 2-6
1-654-010055-16	1-2	177032	2-6
1-654-010059-03	3-6	178474	6-2
1-654-010059-04	3-2, 3-4, 3-6	178475	6-2
1-654-010059-05	1-2, 1-4, 3-4, 4-4, 4-6, 5-16	179655	1-4

179691	1-4	2-102-010032	1-2, 9-3
179766	5-2, 5-4, 5-9, 5-11	2-102-010037	4-6
179767	5-2, 5-4, 5-5, 5-9, 5-11, 5-12	211327	7-2
179770	5-2, 5-3, 5-5, 5-9, 5-10, 5-12	2-120-010136	4-2
179771	5-2, 5-3, 5-4, 5-5, 5-9, 5-10, 5-11, 5-12	2-150-010008	3-2, 3-4, 3-6
184708	1-4, 3-2, 3-4, 3-6	2-150-010058	6-2
185660	1-4, 7-2	2-150-010174	1-4
1-861-010005	1-4, 3-2, 3-4, 3-6, 3-8, 3-10	216129	5-2, 5-9
1-861-010006	5-2, 5-9	216130	5-2, 5-9, 5-10, 5-11, 5-12
1-861-010032-13	6-2, 6-4, 6-8	216133	5-2
1-861-010032-14	5-2, 5-9	216134	5-2, 5-9, 5-10, 5-11, 5-12
1-861-010032-15	1-4, 3-2, 3-4, 3-6, 5-2	216135	5-2, 5-9, 5-10, 5-11, 5-12
1-861-010032-18	1-2, 3-6	216136	5-2
1-861-010032-19	6-4	216142	5-2, 5-5
1-861-010032-24	2-2, 3-2	2-183-010090	6-2
1-861-010032-25	4-2	218872	11-6
1-861-010032-29	4-4, 4-6	218873	11-6
1-861-010034-12	6-2, 6-4, 6-8	218874	11-6
1-861-010034-17	5-9	218877	3-6
1-861-010034-21	11-6	218878	3-6
186237	7-4, 7-6	218879	3-6
189453	2-6	218880	3-6
189454	2-6	218882	3-2, 3-4, 3-6
189467	2-6	218888	10-4
189468	2-6	218889	10-4
192481	7-6	218893	11-6
193089	3-10	218894	11-6
195647	7-6	218895	11-6
197394	1-2, 3-6	218899	11-6
202702-8-8S	7-2, 7-4, 7-6	218900	11-6
204385	1-4, 3-2, 3-4, 3-6	218901	11-6
2-054-010461	1-2	218902	11-6
2061-8-8S	7-6	218904	11-4
2062-8-8S	7-2, 7-6	218905	11-4
208479	7-4	218907	11-4
208811	7-2	218908	5-16
208812	7-6	218910	5-16
209436	7-2	2-217-010031	5-2, 5-3, 5-4, 5-5, 5-9, 5-10, 5-11, 5-12

2-217-010033	1-2	225544	6-4
222116	5-2, 5-4	225546	1-2, 3-6
222117	11-6	2-276-010240	4-2
222118	3-4	229555	1-2, 6-4
222119	3-4	229557	3-2, 3-4, 3-6
222123	11-6	229578	4-6
222131	9-3	229580	10-4
222132	1-2, 9-3	229581	4-4
222133	1-2, 9-3	229585	1-2
222134	1-2	229586	1-2
222135	1-2	229587	11-8
222140	5-2, 5-3	231852	7-2
222143	3-2	2-360-010015	2-2
222144	3-2	2-368-010287	2-2, 9-3
222147	11-6	237195	6-8
222148	11-6	237196	6-8
222157	6-2	237197	6-8
222159	3-4	2-375-010601	2-6
222160	2-2	2-375-010602	2-6
223435	3-10	241002	5-9
223437	3-10	241003	5-9
223438	3-10	241004	5-9
223439	3-10	241005	5-9
223440	1-4, 3-2, 3-4, 3-6, 3-10	241006	5-9
224589	10-4	241007	5-9
224590	1-2	2-459-010038	1-2
225506	4-4	2-474-010022	4-2, 4-4, 4-6, 7-2, 7-4
225513	1-2	247555	3-2, 3-4, 3-6, 7-2, 8-3
225514	1-2	247556	1-4, 7-2, 8-5
225516	1-4	247576	6-8
225531	1-4	252925	8-3
225532	1-4, 1-5	252927	8-3
225533	1-5	252929	8-3
225534	2-2	252930	8-3
225540	1-2, 3-2, 3-4, 3-6, 6-4	252932	8-5
225541	6-4	252933	8-5
225542	6-4	252934	8-5
225543	6-4	252935	8-5

252963	5-9, 5-12	8-102-010043	3-2, 3-4, 3-6, 5-9, 6-2
254211	8-3	8-105-010004	6-2
254212	8-5	8-105-010006	6-2
254317	5-9, 5-11	8-182-010022	6-6
254318	5-9, 5-10	8-182-010023	6-6
2-557-010053	1-2	8-183-010058	6-2
2-557-010491	2-2	8-253-010002 5-2, 5-3, 5-4, 5-5, 5-9, 5-10, 5-11, 5-12	
2-557-010517	6-2	8-253-010007	5-2, 5-3, 5-4, 5-5, 5-9
2-565-010062	6-8	8-253-010010	5-2, 5-3, 5-4, 5-5, 5-9
2-573-010037	10-4	8-253-010012	5-2, 5-9
2-573-010149	10-4	8-253-010021 5-2, 5-3, 5-4, 5-5, 5-9, 5-10, 5-11, 5-12	
2-573-010150	10-4	8-253-010022	5-2, 5-3, 5-9, 5-10
2-573-010198	10-4	8-253-010027	5-2, 5-5, 5-9, 5-12
2-573-010330-01	11-4	8-253-010028	5-2, 5-4, 5-5, 5-9, 5-11, 5-12
2-573-010330-03	10-4	8-253-010037	5-2, 5-4, 5-9, 5-11
2-615-010021	2-2	8-253-010040	5-2
2-645-010067	4-4, 4-6	8-253-010041	5-2
2-654-010115	2-2	8-253-010043	5-2, 5-3, 5-4, 5-5, 5-9
2-683-010079	6-2, 6-4	8-253-010049	5-2, 5-9
2-689-010057	6-2, 6-4, 6-8	8-253-010050	5-2, 5-9
29SFFL 5811	1-2, 3-2, 3-4, 3-6, 6-2, 6-4, 6-8	8-276-010195	4-2
3/8-16X1-1/2PB	6-6	8-276-010334	4-2
4001060	3-8, 3-10	8-370-010001	11-8
4J918	1-4	8-370-010007	11-8
5000	3-8, 3-10	8-370-010008	11-8
500171	2-3	8-370-010011	11-8
528933	1-2, 10-4	8-370-010012	11-8
528934	1-2, 10-4	8-370-010014	11-8
528938	1-2, 10-4	8-370-010040	11-8
5J914	4-4	8-557-010114	2-2
6-102-010009	4-2, 4-4, 11-8	8-573-010059	10-4
7/16-14X1-1/2PW	6-2, 6-4, 6-8	8-573-010084	10-4
70260977	1-2, 10-4	8-622-010003	11-4
71510821	7-2	8-622-010007	11-6
8-102-010017	11-8	8-622-010010	11-6
8-102-010020	11-4	8-622-010012	11-6
8-102-010021	5-2	8-622-010025	11-6
8-102-010023	5-16	8-622-010081	11-6

8-630-010001	11-6
8-681-010008	5-16
8-681-010009	5-16
8-681-010010	5-16
8-681-010011	5-16
8-681-010012	5-16
8-681-010013	5-16
8-683-010020	5-2
8-683-010021	6-6
8-683-010023	11-4
8-689-010009	6-2, 6-4
8-689-010010	6-6
8-720-010011	11-8
8-861-010008	11-6
8-861-010009	11-6
8-861-010021	2-2

B

B4-182-005	6-6
------------------	-----

R

RRT128X.75	11-8
RRT159	11-4

T

TR575	1-4, 3-2, 3-4, 3-6
-------------	--------------------

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

The identification plate, which lists the model number and serial number, is located on the front of the frame.

SERIAL NUMBER

The serial number is located on the identification plate.
The Following information will help decode the 877 Tilloll serial number

01H250000 = xxmyysssss

QR CODE DECAL

The Tilloll series QR code decal, may be scanned to link you to the most current manuals, located on the front of the frame [See Figure 1-1](#)

xx	= model series (i.e. 01 for Tilloll)
m	= month of manufacture (ex. "H" means October. The letter I is not used.)
yy	= year manufactured (ex. "25" means 2025)
SSSSS	= Sequential number used to track warranty and service information.

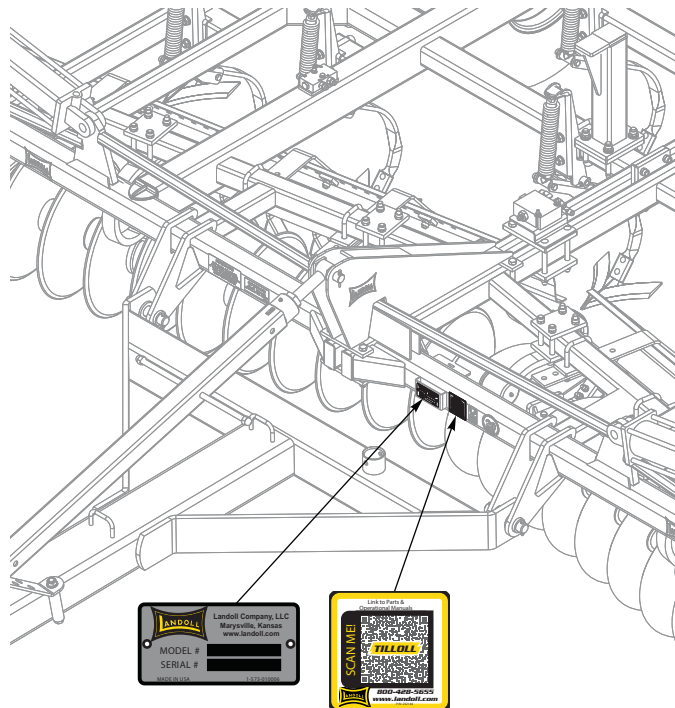


Figure 1-1: Identification Plate and QR Code Decal Location

Manuals for 877 Tilloll

Manual Number	Manual Type
F-1072	Operator's Manual
F-1073	Parts Manual

Document Control Revision Log:

Date	Form #	Improvement(s): Description and Comments
12/12/2019	F-1073	Initial Release.
03/20/2020	F-1073-0320	New Manual.
01/28/2021	F-1073-0121	Updated new center frame/lift, wings, spring shank assembly, hydraulics.
01/20/2025	F-1073-2501	Prince cylinder update.
11/04/2025	F-1073-2511	Updated to new Framemaker format, added new disc gang trunnion bearing assemblies, added QR code, updated hub/spindle assemblies.



Equipment from Landoll Company, LLC is built to
exacting standards ensured by ISO 9001:2015
registration at all Landoll manufacturing facilities.

Model 877 Tilloll

Parts Manual

Serial Number: 01B2002332 to Present

Re-Order Part Number F-1073

LANDOLL COMPANY, LLC

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