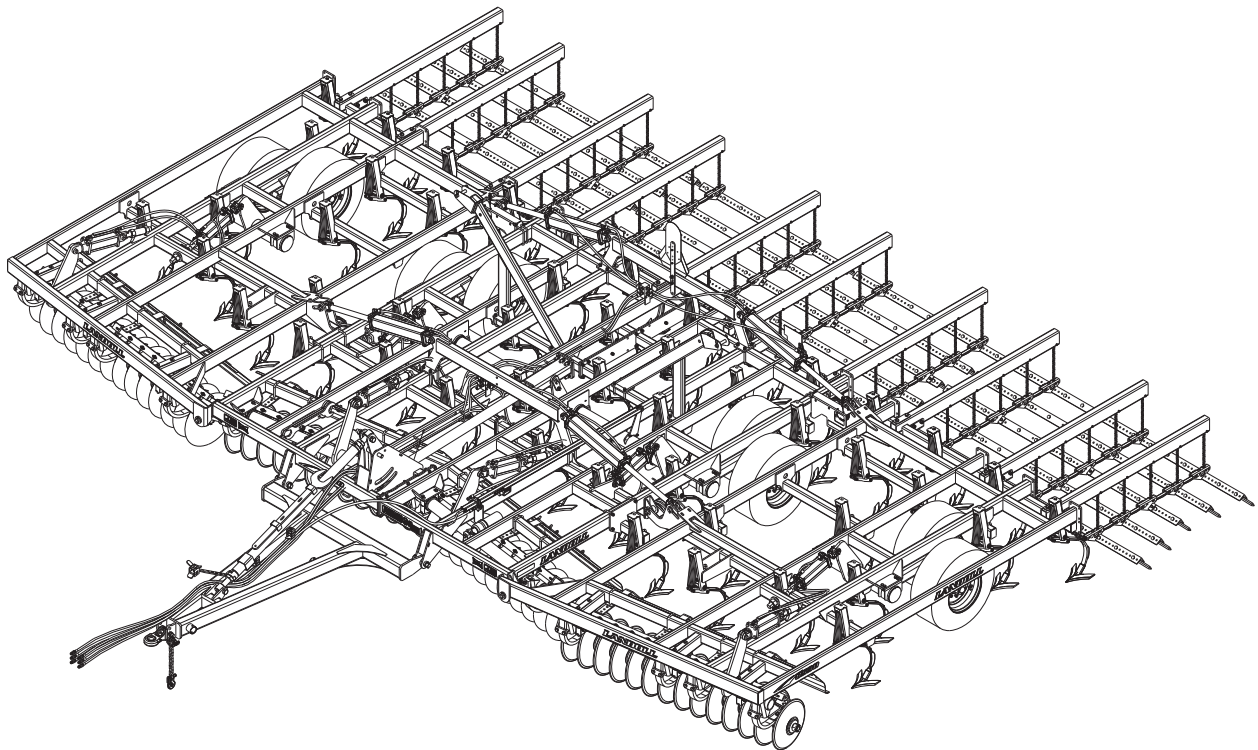




Model 8530 Finishroll Parts Manual



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

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SERIAL NUMBER PLATE

The Serial Number Plate, which lists the model number and serial number, is located on the front of the frame

See Figure 1-1.

SERIAL NUMBER NOMENCLATURE

The following information will help decode the 8530 Finisholl serial number

85H230000 = xxmyysssss

The 8500 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. 85 for Finisholl)
m	= month of manufacture (ex. "H" means October. The letter I is not used.)
yy	= year manufactured (ex. "23" means 2023)
SSSSS	= Sequential number used to track warranty and service information.

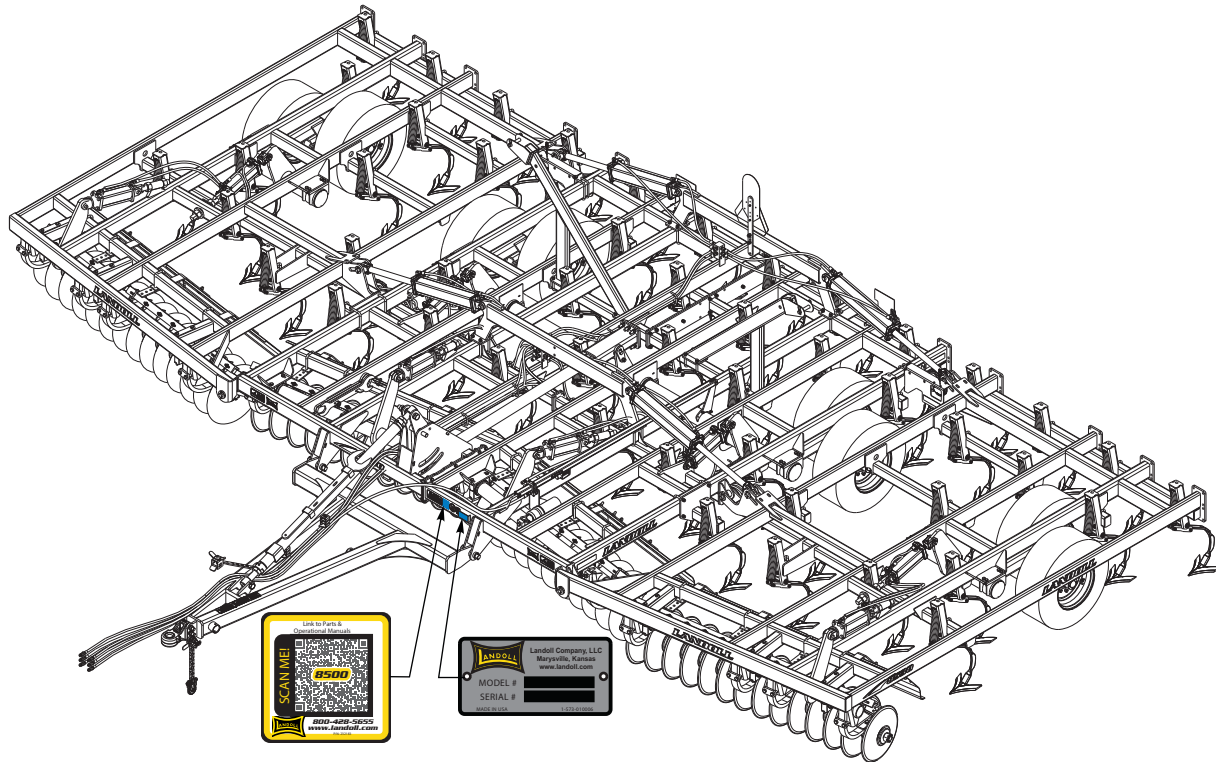


Figure 1-1: Serial Number Plate and QR Code Decal Location

Manuals for 8530 Finisholl

Manual Number	Manual Type
F-756	Operator's Manual
F-755	Parts Manual

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Center Frame Assembly 8530-19'-25'

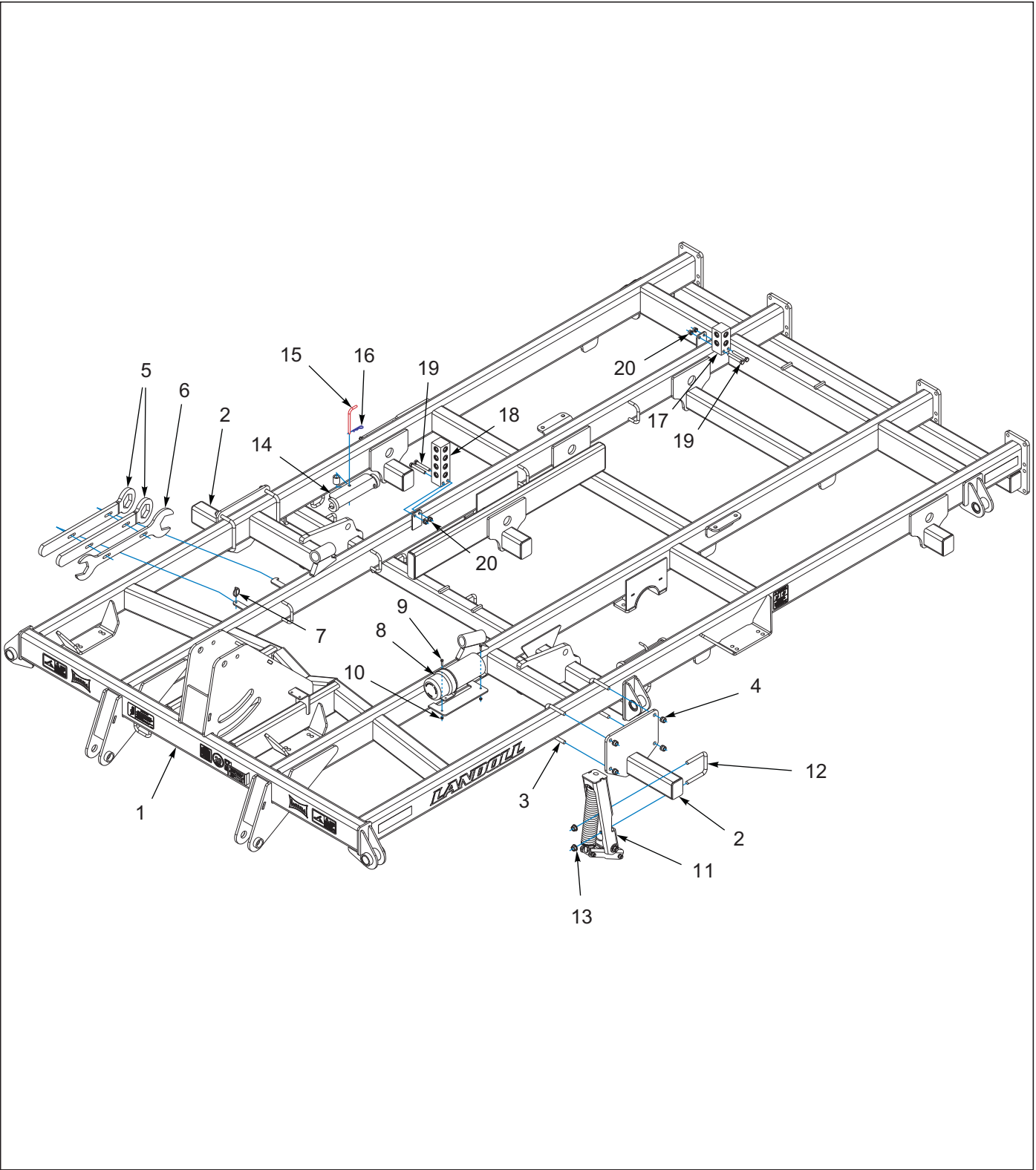


Figure 1-1: Center Frame Assembly 8530-19'-25'

Center Frame Assembly 8530-19'-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	183973	FRAME WLDMT CENTER 19-25	1
2	182391	EXTENSION, SHANK 12" WLDMT	2
3	189433	U-BOLT, 5/8X6-11/16X4-1/2	4
4	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	22
5	140533	GANG WRENCH	2
6	174404	WRENCH, ADJUSTMENT	1
7	70239854	PIN QUICK HITCH	1
8	150076	MANUAL TUBE (4-1/4"ID)	1
9	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	4
10	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	4
11	172670	SHANK ASSY, SPRING (SEE PAGE 5-1)	
12	2-102-010004	BOLT U STANDARD GAUGE WHEEL	
13	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	
14	141274	CYLINDER LOCKOUT,1-3/8RODX10	2
15	104358	L PIN,CYL STOP	2
16	1-557-010403	HAIRPIN 1/8	2
17	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	1
18	141594	MANIFOLD, HYDRAULIC 16 PORT	1
19	1-654-010055-11	SCREW,HX CP 1/2-13UNCX3-1/2	4
20	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	8

Center Frame Assembly 8530-27'-30'

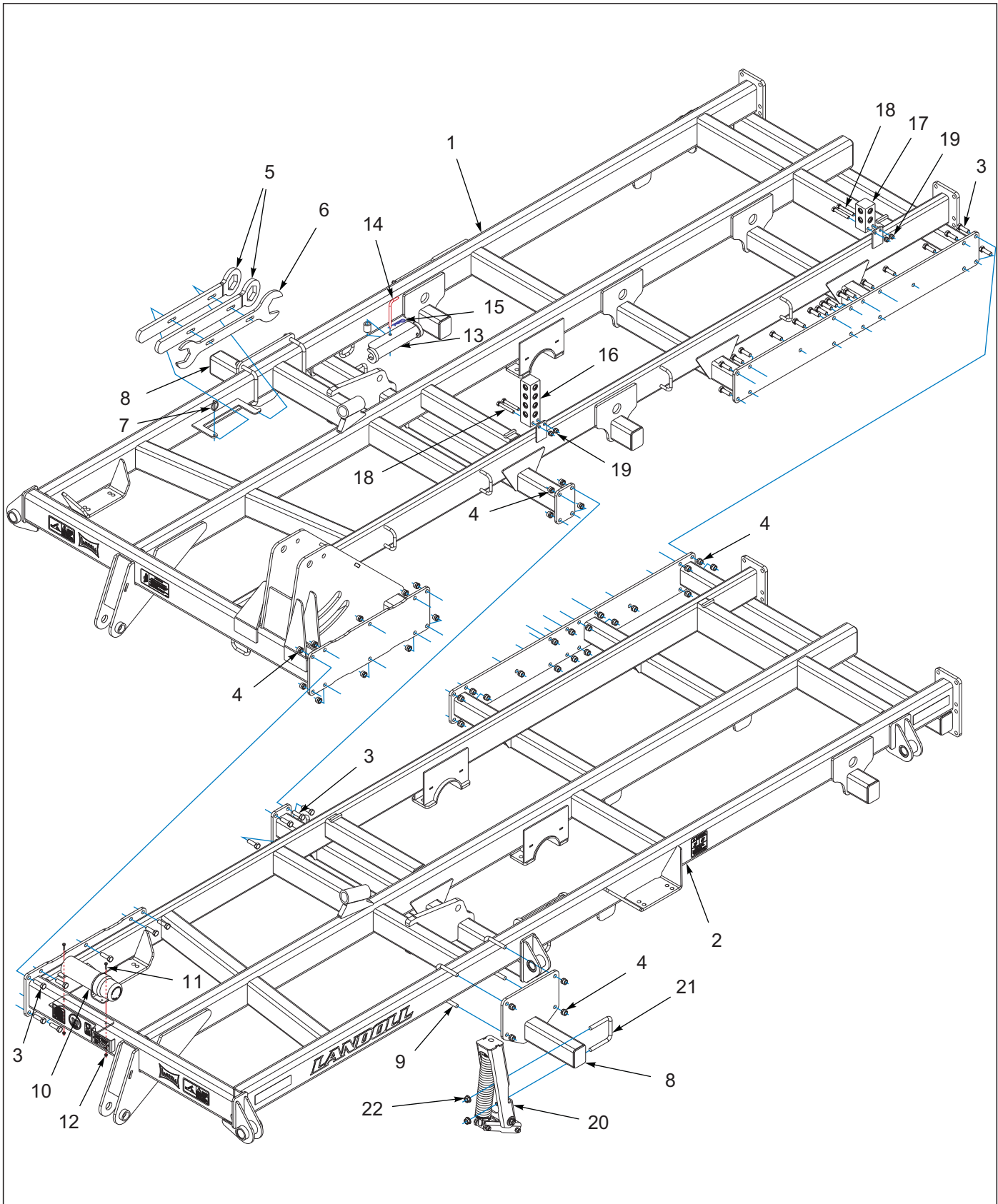


Figure 1-2: Center Frame Assembly 8530-27'-30'

Center Frame Assembly 8530-27'-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	185684	FRAME WLDMT CENTER RIGHT 27-30	1
2	185685	FRAME WLDMT CENTER LEFT 27-30	1
3	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	32
4	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	40
5	140533	GANG WRENCH	2
6	174404	WRENCH, ADJUSTMENT	1
7	70239854	PIN QUICK HITCH	1
8	182391	EXTENSION, SHANK 12" WLDMT	2
9	189433	U-BOLT, 5/8X6-11/16X4-1/2	4
10	150076	MANUAL TUBE (4-1/4"ID)	1
11	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
12	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
13	141274	CYLINDER LOCKOUT,1-3/8RODX10	2
14	104358	L PIN,CYL STOP	2
15	1-557-010403	HAIRPIN 1/8	2
16	141594	MANIFOLD, HYDRAULIC 16 PORT	1
17	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	1
18	1-654-010055-11	SCREW,HX CP 1/2-13UNCX3-1/2	4
19	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
20	172670	SHANK ASSY, SPRING (SEE PAGE 4-1)	
21	2-102-010004	BOLT U STANDARD GAUGE WHEEL	
22	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	

Center Frame Assembly 8530-33'-35'

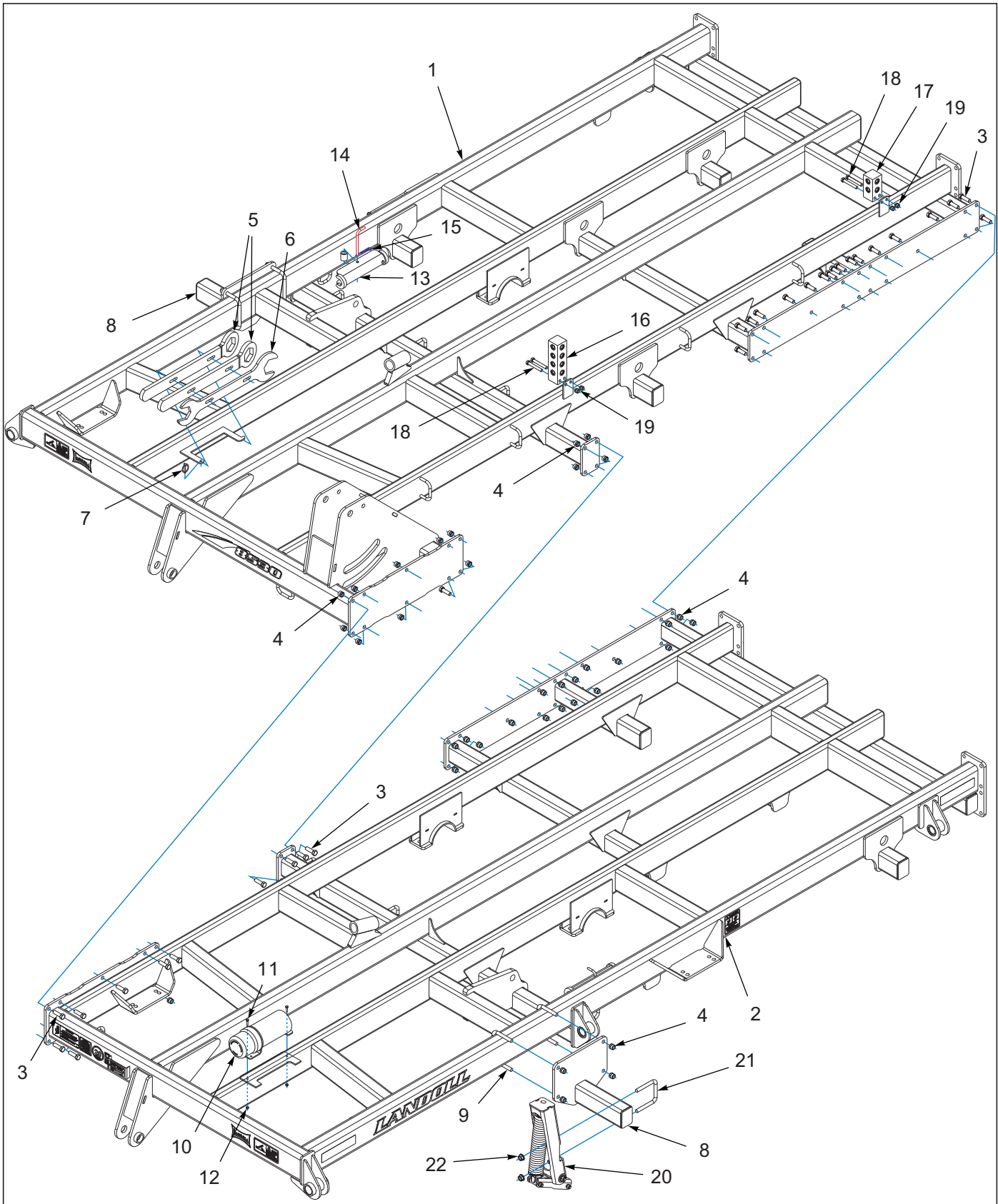


Figure 1-3: Center Frame Assembly 8530-33'-35'

Center Frame Assembly 8530-33'-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	179651	FRAME WLDMT CENTER RIGHT	1
2	179652	FRAME WLDMT CENTER LEFT	1
3	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	32
4	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	40
5	140533	GANG WRENCH	2
6	174404	WRENCH, ADJUSTMENT	1
7	70239854	PIN QUICK HITCH	1
8	182391	EXTENSION, SHANK 12" WLDMT	2
9	189433	U-BOLT, 5/8X6-11/16X4-1/2	4
10	150076	MANUAL TUBE (4-1/4"ID)	1
11	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
12	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
13	141274	CYLINDER LOCKOUT,1-3/8RODX10	2
14	104358	L PIN,CYL STOP	2
15	1-557-010403	HAIRPIN 1/8	2
16	141594	MANIFOLD, HYDRAULIC 16 PORT	1
17	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	1
18	1-654-010055-11	SCREW,HX CP 1/2-13UNCX3-1/2	4
19	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
20	172670	SHANK ASSY, SPRING (SEE PAGE 5-1)	
21	2-102-010004	BOLT U STANDARD GAUGE WHEEL	
22	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	

Center Lift Assembly 8530-19'-25'

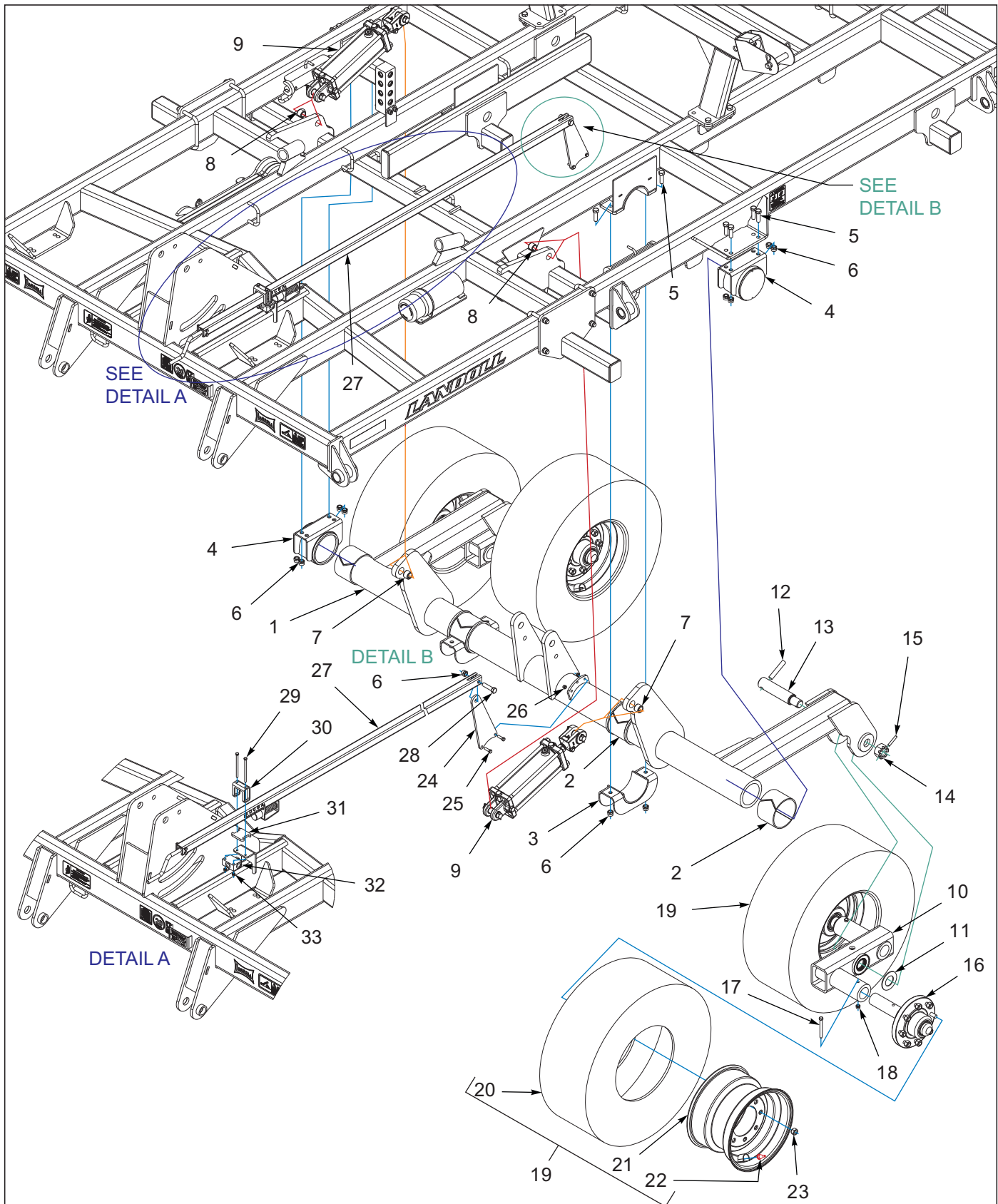


Figure 1-4: Center Lift Assembly 8530-19'-25'

Center Lift Assembly 8530-19'-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	183976	LIFT, CENTER 19-25 WLDMT	1
2	140519	BEARING, UHMW 4IN	4
3	179691	BEARING CAP, LIFT WLDMT	2
4	179655	BEARING CAP, LIFT WLDMT	2
5	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	12
6	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	13
7	192890	BUSHING 1-3/8ODX1 IDX1 STEEL	2
8	2-150-010008	BUSHING 1-1/4ODX1IDX1 STEEL	2
9	140470	CYLINDER 4X10 REPHASE(SEE PAGE 7-10)	2
10	174318	WALKING BEAM ASSY, 2-1/4 (BEFORE 7-12-2016) (SEE PAGE 1-23)	2
10	199362	WALKING BEAM ASSY 2-1/4 MF (AFTER 7-12-2016) (SEE PAGE 1-23)	2
11	171070	WASHER, THRUST 2	4
12	156992	PIN, WALKING BEAM SPINDLE	2
13	157019	SPINDLE, WALKING BEAM	2
14	119118	NUT 1-1/2-12UNF HEX SLOTTEDZP	2
15	127712	PIN SPRING SLOTTED 3/8X2-1/4	2
16	147553	8 BOLT HUB ASSY, 2-1/4" SPDL (SEE PAGE 1-29)	4
17	141809	SCREW HX CP7/16-14UNC X 4 GR5	4
18	101988	NUT,HEXSLF-LKG 7/16-14 GRB	4
19	184709	TIRE ASSY,12.5LX15SL,8 BOLT WH (BEFORE 11-1-2016) (INCLUDES ITEMS 20-22)	4
19	184708	TIRE ASSY,320/70R15,8 BOLTWHL (AFTER 11-1-2016) (INCLUDES ITEMS 20-22)	4
20	184707	FIRESTONE TIRE 12.5L X 15 SL (USED WITH 184709)	4
20	204385	FIRESTONE RADIAL 320/70R15 (USED WITH 184708)	4
21	140548	WHEEL, 15 X 10 LB 8 BOLT	4
22	415	VALVE STEM (USED WITH 184709)	4
22	TR575	VALVE STEM TUBELESS TIRE (USED WITH 184708)	4
23	102600	NUT,WHEEL BOLT, 5/8	32
24	164124	MOUNT, DEPTH CONTROL	1
25	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	2
26	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2
27	180120	DEPTH STOP ASSY (SEE PAGE 1-22)	1
28	1-654-010059-07	SCREW HX CP 5/8-11UNCX2-1/2G5	1
29	1-654-010049-19	SCREW,HEX CP,5/16-18UNCX5 GR5	2
30	165265	GUIDE, DEPTH STOP	1
31	165257	PAD, SLIDE	1
32	185660	VALVE, LIMIT	1
33	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2

Center Lift Assembly 8530-27'-30'

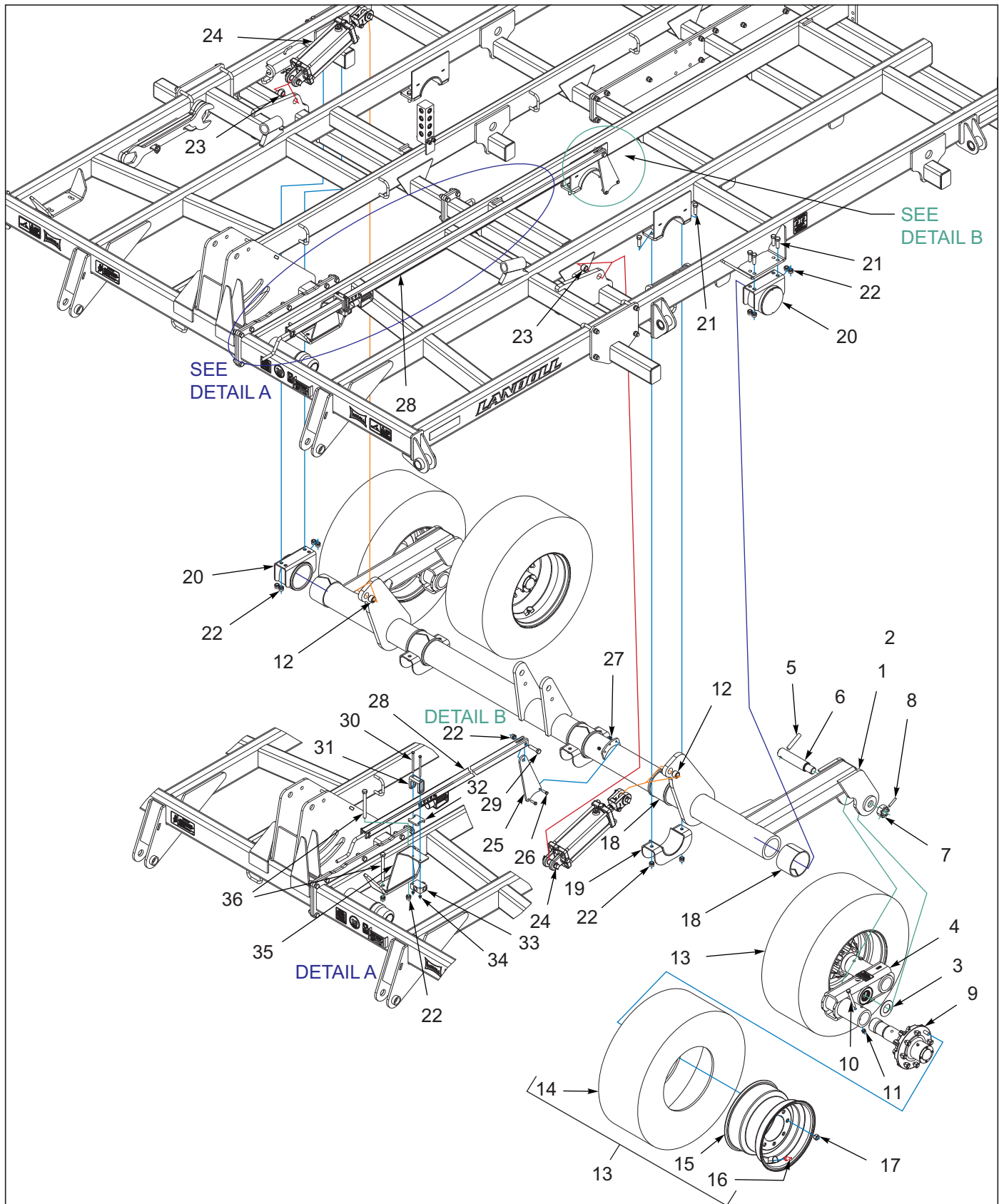


Figure 1-5: Center Lift Assembly 8530-27'-30'

Center Lift Assembly 8530-27'-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	199358	LIFT, CENTER ASSY 27-30 (INCLUDES ITEMS 2-12)	1
2	183871	LIFT, CENTER 27-30 WLDMT	1
3	171070	WASHER, THRUST 2	4
4	172961	WALKING BEAM ASSY 3" (BEFORE 4-27-2016) (SEE PAGE 1-23)	2
4	198344	WALKING BEAM ASSY 3" (AFTER 4-27-2016) (SEE PAGE 1-23)	2
5	156992	PIN, WALKING BEAM SPINDLE	2
6	157019	SPINDLE, WALKING BEAM	2
7	119118	NUT 1-1/2-12UNF HEX SLOTTEDZP	2
8	127712	PIN SPRING SLOTTED 3/8X2-1/4	2
9	156972	HUB & SPINDLE ASSY, 8 BOLT (BEFORE 02-01-2020) (SEE PAGE 1-25)	4
9	223440	ASSY, 8 BOLT HUB & SPINDLE (AFTER 02-01-2020) (SEE PAGE 1-27)	4
10	1-654-010055-15	SCR, HX CP, 1/2-13UNCX5 GR5	4
11	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
12	192890	BUSHING 1-3/8ODX1 IDX1 STEEL	2
13	165235	TIRE AND WHEEL ASSEMBLY (ITEMS 21-23) (TO 08-16-2019)	1
13	221271	BKT 380 TRE & WHL ASY NEG .51" (ITEMS 14-16) (AFTER 08-16-2019)	1
14	165236	TIRE 380/55R 16.5 IMP (USED WITH 165235) (TO 08-16-2019)	1
14	221270	BKT TIRE 380/55R 16.5 IMP (USED WITH 221271) (AFTER 08-16-2019)	1
15	157001	WHL 16.5X12NEG.51 OFST,8BOLT	4
16	TR575	VALVE STEM, TUBLESS TIRE, 380/55R X 16.5	1
17	102600	NUT,WHEEL BOLT, 5/8	32
18	140519	BEARING, UHMW 4IN	4
19	179691	BEARING CAP, LIFT WLDMT	2
20	179655	BEARING CAP, LIFT WLDMT	2
21	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	12
22	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	15
23	2-150-010008	BUSHING 1-1/4ODX1IDX1 STEEL	2
24	140470	CYLINDER 4X10 REPHASE (SEE PAGE 7-10)	2
25	164124	MOUNT, DEPTH CONTROL	1
26	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	2
27	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2
28	180120	DEPTH STOP ASSY (SEE PAGE 1-22)	1
29	1-654-010059-07	SCREW HX CP 5/8-11UNCX2-1/2G5	1
30	1-654-010049-19	SCREW,HEX CP,5/16-18UNCX5 GR5	2
31	165265	GUIDE, DEPTH STOP	1
32	165257	PAD, SLIDE	1
33	185660	VALVE, LIMIT	1
34	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
35	185683	BRACKET, VALVE MOUNT	1
36	123096	SCREW,HX CP 5/8-11UNCX7.50GR5	2

Center Lift Assembly 8530-33'-35'

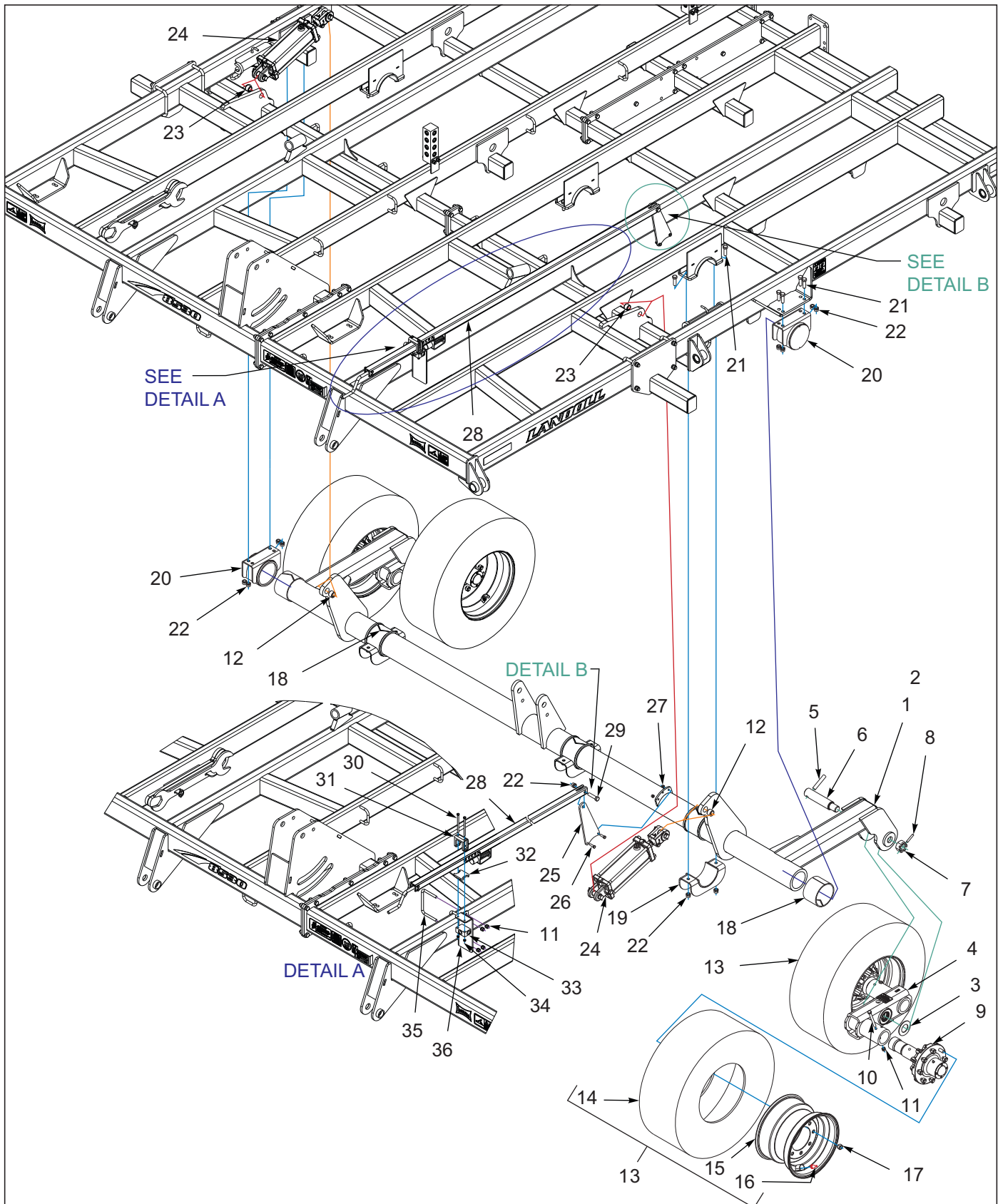


Figure 1-6: Center Lift Assembly 8530-33'-35'

Center Lift Assembly 8530-33'-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	179654	LIFT, CENTER ASSY 33-35 (INCLUDES ITEMS 2-12)	1
2	179653	LIFT, CENTER 33-35 WLDMT	1
3	171070	WASHER, THRUST 2	4
4	172961	WALKING BEAM ASSY 3" (BEFORE 4-27-2016) (SEE PAGE 1-23)	2
4	198344	WALKING BEAM ASSY 3" (AFTER 4-27-2016) (SEE PAGE 1-23)	2
5	156992	PIN, WALKING BEAM SPINDLE	2
6	157019	SPINDLE, WALKING BEAM	2
7	119118	NUT 1-1/2-12UNF HEX SLOTTEDZP	2
8	127712	PIN SPRING SLOTTED 3/8X2-1/4	2
9	156972	HUB & SPINDLE ASSY, 8 BOLT (BEFORE 02-01-2020) (SEE PAGE 1-25)	4
9	223440	ASSY, 8 BOLT HUB & SPINDLE (AFTER 02-01-2020) (SEE PAGE 1-27)	4
10	1-654-010055-15	SCR, HX CP, 1/2-13UNCX5 GR5	4
11	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	6
12	192890	BUSHING 1-3/8ODX1 IDX1 STEEL	2
13	165235	TIRE AND WHEEL ASSEMBLY (ITEMS 14-16) (TO 08-16-2019)	1
13	221271	BKT 380 TRE & WHL ASY NEG .51" (ITEMS 21-23) (AFTER 08-16-2019)	1
14	165236	TIRE 380/55R 16.5 IMP (USED WITH 165235) (TO 08-16-2019)	1
14	221270	BKT TIRE 380/55R 16.5 IMP (USED WITH 221271) (AFTER 08-16-2019)	1
15	157001	WHL 16.5X12NEG.51 OFST,8BOLT	4
16	TR575	VALVE STEM, TUBLESS TIRE, 380/55R X 16.5	1
17	102600	NUT,WHEEL BOLT, 5/8	32
18	140519	BEARING, UHMW 4IN	4
19	179691	BEARING CAP, LIFT WLDMT	2
20	179655	BEARING CAP, LIFT WLDMT	2
21	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	12
22	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	13
23	2-150-010008	BUSHING 1-1/4ODX1IDX1 STEEL	2
24	140470	CYLINDER 4X10 REPHASE (SEE PAGE 7-10)	2
25	164124	MOUNT, DEPTH CONTROL	1
26	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	2
27	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2
28	180120	DEPTH STOP ASSY (SEE PAGE 1-22)	1
29	1-654-010059-07	SCREW HX CP 5/8-11UNCX2-1/2G5	1
30	1-654-010049-19	SCREW,HEX CP,5/16-18UNCX5 GR5	2
31	165265	GUIDE, DEPTH STOP	1
32	165257	PAD, SLIDE	1
33	185660	VALVE, LIMIT	1
34	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
35	2-102-010051	U-BOLT, WING REST	2
36	181937	BRACKET, VALVE MOUNT	1

Wing Frame and Lift Assembly 8530-19'

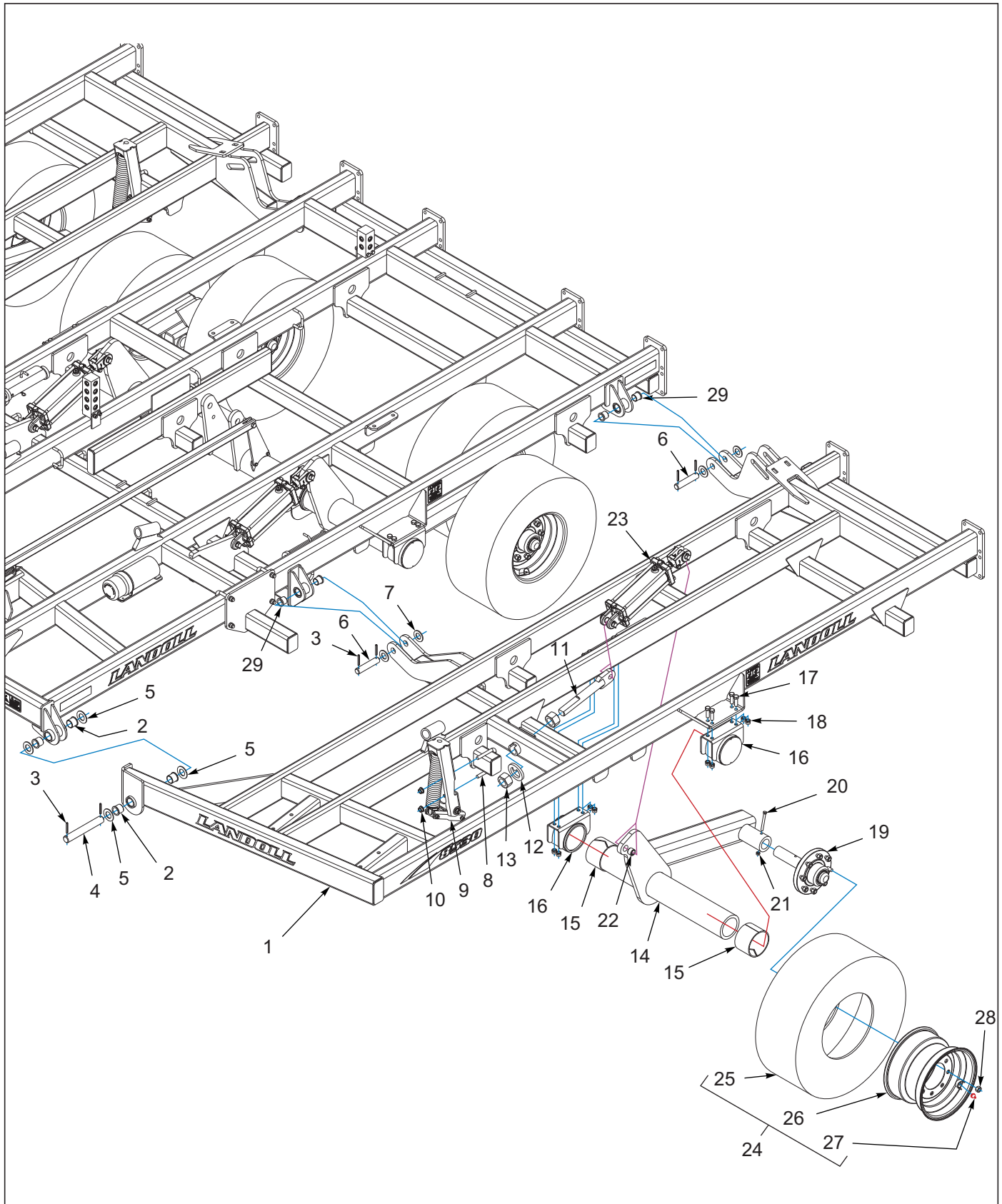


Figure 1-7: Wing Frame and Lift Assembly 8530-19'

Wing Frame and Lift Assembly 8530-19'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	179663	FRAME, WING LEFT 19 WLDMT (SHOWN)	1
1	179662	FRAME, WING RIGHT 19 WLDMT	1
2	140599	BEARING, FLANGE 1-1/2"	4
3	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	12
4	183966	PIN, 1-1/2 X 10-1/2	2
5	141266	WASHER, THRUST 1-1/2	8
6	141244	PIN, FOLD	4
7	116100	WASHER 1-1/4 NAR FL ZP/CD	8
8	2-102-010004	BOLT U STANDARD GAUGE WHEEL	
9	172670	SHANK ASSY, SPRING (SEE PAGE 5-1)	
10	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	
11	159955	ROD, CYLINDER ANCHOR WLDMT	2
12	182394	WASHER, CYLINDER ANCHOR	2
13	159954	NUT HEX 1-3/4-5UNC GR2	4
14	185633	LIFT, WING LEFT 19 WLDMT (SHOWN)	1
14	185632	LIFT, WING RIGHT 19 WLDMT	1
15	140519	BEARING, UHMW 4IN	4
16	179655	BEARING CAP, LIFT WLDMT	4
17	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	16
18	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	16
19	147553	8 BOLT HUB ASSY, 2-1/4" SPD L (SEE PAGE 1-29)	2
20	141809	SCREW HX CP7/16-14UNC X 4 GR5	2
21	101988	NUT,HEXSLF-LKG 7/16-14 GRB	2
22	192890	BUSHING 1-3/8ODX1 IDX1 STEEL	2
23	140471	CYLINDER 3-3/4X10 REPHASE (SEE PAGE 7-9)	2
24	184709	TIRE ASSY,12.5LX15SL,8 BOLT WH (BEFORE 11-1-2016) (INCLUDES ITEMS 20-22)	2
24	184708	TIRE ASSY,320/70R15,8 BOLT WHL (AFTER 11-1-2016) (INCLUDES ITEMS 20-22)	2
25	184707	FIRESTONE TIRE 12.5L X 15 SL (USED WITH 184709)	2
25	204385	FIRESTONE RADIAL 320/70R15 (USED WITH 184708)	2
26	140548	WHEEL, 15 X 10 LB 8 BOLT	2
27	415	VALVE STEM (USED WITH 184709)	2
27	TR575	VALVE STEM TUBELESS TIRE (USED WITH 184708)	2
28	102600	NUT,WHEEL BOLT, 5/8	16
29	168787	BEARING, FLANGE 1-1/4 X 1-3/8L	8

Wing Frame and Lift 8530-22'-27'

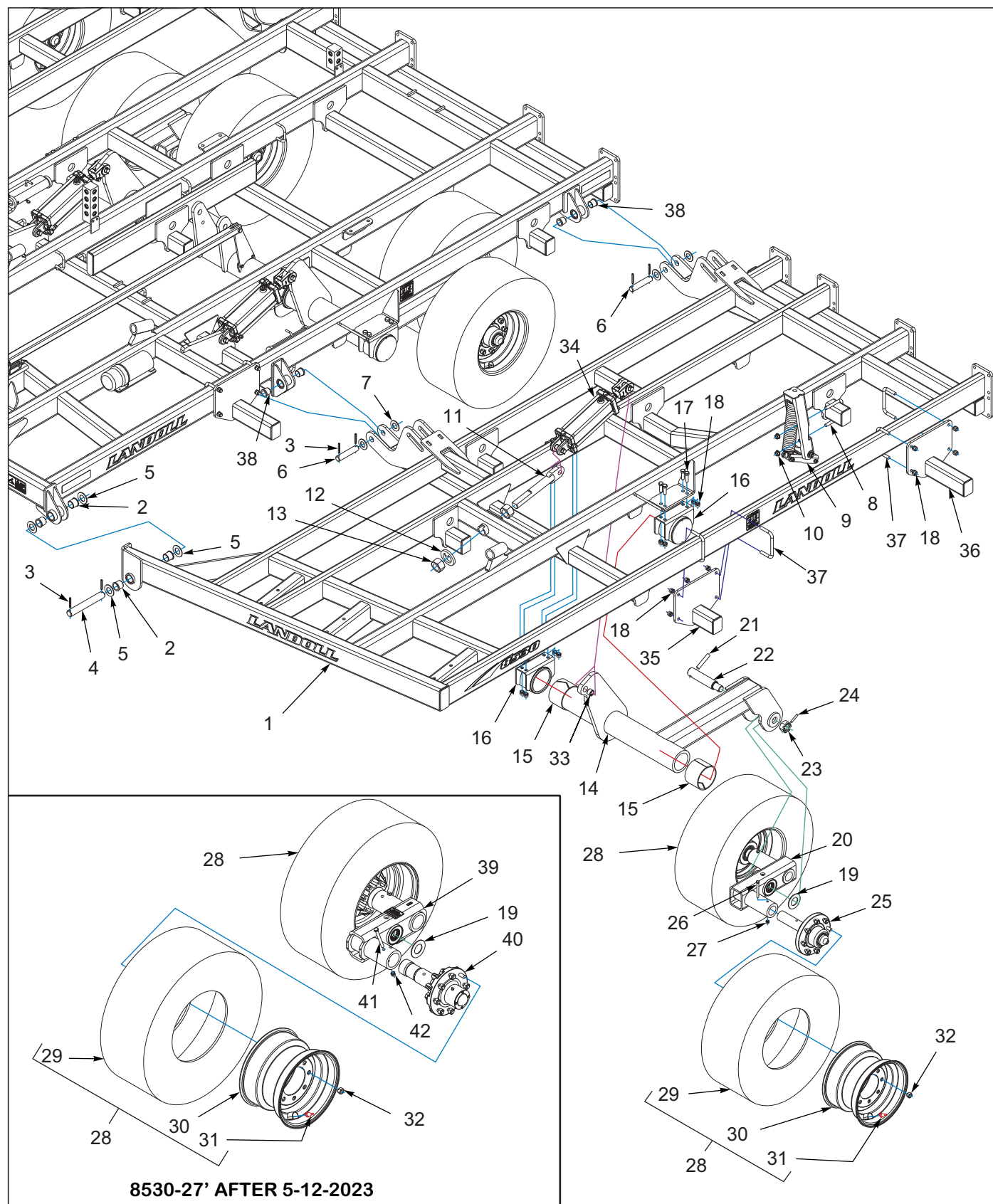


Figure 1-8: Wing Frame and Lift Assembly 8530-22'-27'

Wing Frame and Lift 8530-22'-27'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	179665	FRAME, WING LEFT 22-27 WLDMT (SHOWN)	1
1	179664	FRAME, WING RIGHT 22-27 WLDMT	1
2	140599	BEARING, FLANGE 1-1/2"	8
3	1-647-010004240	PIN, SPRING, SLOTTED, 5/16X2-1/2	12
4	183966	PIN, 1-1/2 X 10-1/2	2
5	141266	WASHER, THRUST 1-1/2	8
6	141244	PIN, FOLD	4
7	116100	WASHER 1-1/4 NAR FL ZP/CD	8
8	2-102-010004	BOLT U STANDARD GAUGE WHEEL	
9	172670	SHANK ASSY, SPRING (SEE PAGE 5-1)	
10	29SFFL 5811	NUT, FLANGE HEAD LOCK 5/8-11UNC	
11	159955	ROD, CYLINDER ANCHOR WLDMT	2
12	182394	WASHER, CYLINDER ANCHOR	2
13	159954	NUT HEX 1-3/4-5UNC GR2	4
14	179694	LIFT, WING LEFT (SHOWN)	1
14	179693	LIFT, WING RIGHT	1
15	140519	BEARING, UHMW 4IN	4
16	179655	BEARING CAP, LIFT WLDMT	4
17	1-654-010059-05	SCREW, HEX CAP, 5/8-11UNCX2 GR5	16
18	1-512-010005-13	NUT, HEX SLFLKG GRB 5/8-11	32
19	171070	WASHER, THRUST 2	4
20	174318	WALKING BEAM ASSY, 2-1/4 (BEFORE 7-12-2016) (SEE PAGE 1-23)	2
20	199362	WALKING BEAM ASSY 2-1/4 MF (MODELS 22'-25' AFTER 7-12-2016, MODEL 8530-27' AFTER 7-12-2016 TO 5-12-2023) (SEE PAGE 1-23)	2
21	156992	PIN, WALKING BEAM SPINDLE	2
22	157019	SPINDLE, WALKING BEAM	2
23	119118	NUT 1-1/2-12UNF HEX SLOTTEDZP	2
24	127712	PIN SPRING SLOTTED 3/8X2-1/4	2
25	147553	8 BOLT HUB ASSY, 2-1/4" SPDL (SEE PAGE 1-29)	4
26	141809	SCREW HX CP7/16-14UNC X 4 GR5	4
27	101988	NUT, HEXSLF-LKG 7/16-14 GRB	4
28	184708	TIRE ASSY, 320/70R15, 8 BOLT WHL (MODELS 8530-22'-25', MODEL 8530-27' BEFORE 5-12-2023) (ITEMS 29-31)	4
28	221271	BKT 380 TRE & WHL ASY NEG .51" (MODEL 8530-27', AFTER 5-12-2023) (ITEMS 29-31)	4
29	204385	FIRESTONE RADIAL 320/70R15 (USED WITH 184708)	4
29	221270	BKT TIRE 380/55R 16.5 IMP (USED WITH 221271)	4
30	140548	WHEEL, 15 X 10 LB 8 BOLT (USED WITH 184708)	4
30	157001	WHL 16.5X12NEG.51 OFST, 8BOLT (USED WITH 221271)	4
31	TR575	VALVE STEM TUBELESS TIRE	4
32	102600	NUT, WHEEL BOLT, 5/8	32
33	192890	BUSHING 1-3/8ODX1 IDX1 STEEL	2
34	140471	CYLINDER 3-3/4X10 REPHASE (SEE PAGE 7-9)	2
35	182390	EXTENSION, SHANK 6" WLDMT	2
36	182391	EXTENSION, SHANK 12" WLDMT (MODEL 8530-25'-27' ONLY)	2
37	2-102-010068	U-BOLT 5/8-11X6-11/16X3-1/2	4
38	168787	BEARING, FLANGE 1-1/4 X 1-3/8L	8
39	198344	WALKING BEAM ASSY 3" (MODEL 8530-27' 5-12-2023) (SEE PAGE 1-23)	4

Wing Frame and Lift 8530-22'-27'

ITEM	PART NUMBER	DESCRIPTION	QTY.
40	223440	ASSY, 8 BOLT HUB & SPINDLE (MODEL 8530-27' 5-12-2023) (SEE PAGE 1-27)	4
41	1-654-010055-15	SCR, HX CP, 1/2-13UNCX5 GR5	4
42	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4

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Wing Frame and Lift 8530-30'-35'

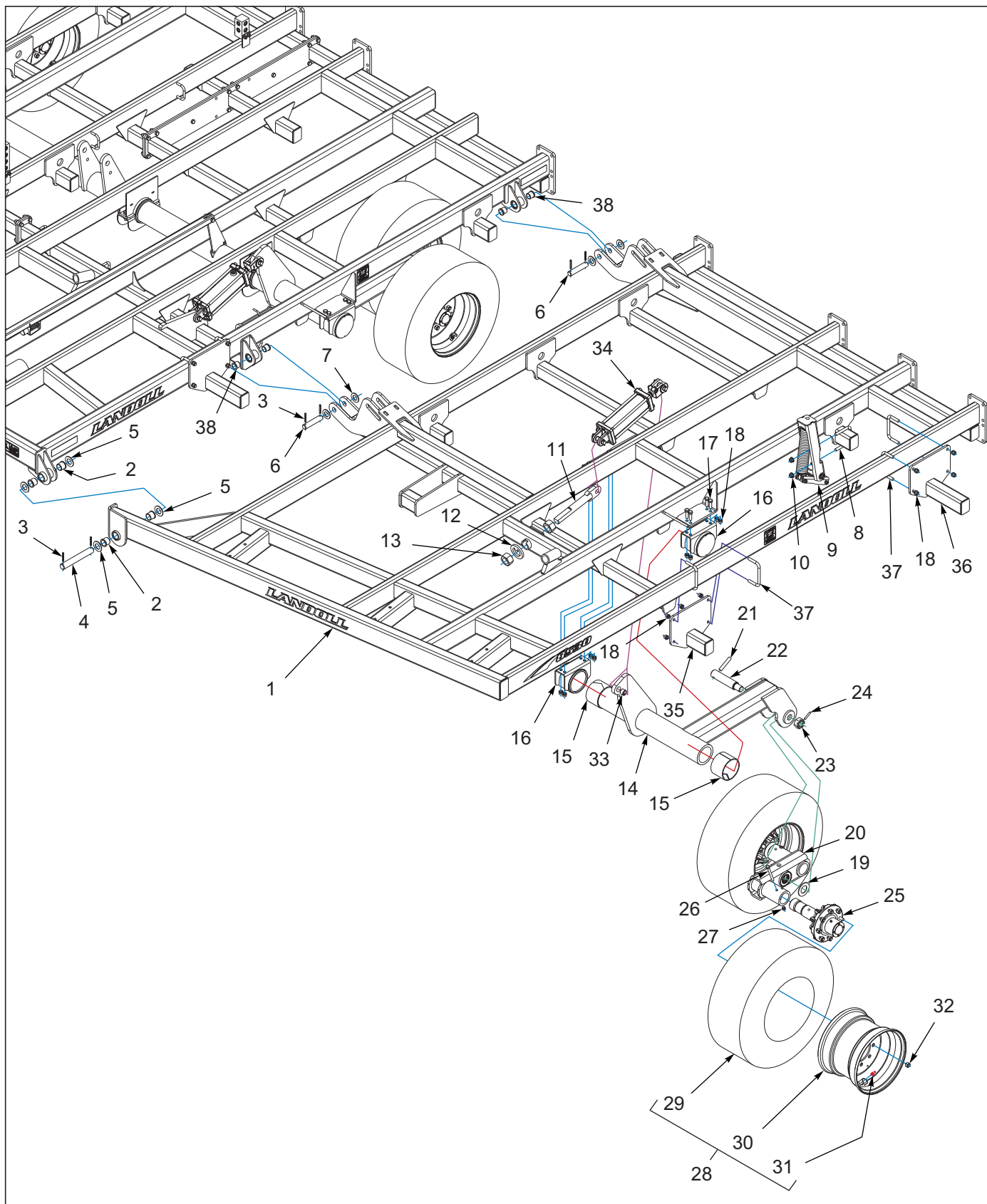


Figure 1-9: Wing Frame and Lift Assembly 8530-30'-35'

Wing Frame and Lift 8530-30'-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	179667	FRAME, WING LEFT 30-35 WLDMT (SHOWN)	1
1	179666	FRAME, WING RIGHT 30-35 WLDMT	1
2	140599	BEARING, FLANGE 1-1/2"	8
3	1-647-010004240	PIN, SPRING, SLOTTED, 5/16X2-1/2	12
4	183966	PIN, 1-1/2 X 10-1/2	2
5	141266	WASHER, THRUST 1-1/2	8
6	141244	PIN, FOLD	4
7	116100	WASHER 1-1/4 NAR FL ZP/CD	8
8	2-102-010004	BOLT U STANDARD GAUGE WHEEL	
9	172670	SHANK ASSY, SPRING (SEE PAGE 5-1)	
10	29SFFL 5811	NUT, FLANGE HEAD LOCK 5/8-11UNC	
11	159955	ROD, CYLINDER ANCHOR WLDMT	2
12	182394	WASHER, CYLINDER ANCHOR	2
13	159954	NUT HEX 1-3/4-5UNC GR2	4
14	179694	LIFT, WING LEFT (SHOWN)	1
14	179693	LIFT, WING RIGHT	1
15	140519	BEARING, UHMW 4IN	4
16	179655	BEARING CAP, LIFT WLDMT	4
17	1-654-010059-05	SCREW, HEX CAP, 5/8-11UNCX2 GR5	16
18	1-512-010005-13	NUT, HEX SLFLKG GRB 5/8-11	32
19	171070	WASHER, THRUST 2	4
20	172961	WALKING BEAM ASSY 3" (BEFORE 7-12-2016) (SEE PAGE 1-23)	2
20	198344	WALKING BEAM ASSY 3" (AFTER 7-12-2016) (SEE PAGE 1-23)	2
21	156992	PIN, WALKING BEAM SPINDLE	2
22	157019	SPINDLE, WALKING BEAM	2
23	119118	NUT 1-1/2-12UNF HEX SLOTTEDZP	2
24	127712	PIN SPRING SLOTTED 3/8X2-1/4	2
25	156972	HUB & SPINDLE ASSY, 8 BOLT (MODELS 8530-33'-35') (BEFORE 2-1-2020) (SEE PAGE 1-25)	4
25	223440	ASSY, 8 BOLT HUB & SPINDLE (AFTER 2-1-2020) (SEE PAGE 1-27)	4
26	1-654-010055-15	SCR, HX CP, 1/2-13UNCX5 GR5	4
27	1-512-010005-09	NUT, HEX, SLFLKG, 1/2-13 GRB	4
28	165235	TIRE & WHEEL ASSY, 380/55RX16.5 (BEFORE 8-16-2019) (ITEMS 29-31)	4
28	184708	TIRE ASSY, 320/70R15, 8 BOLT WHL (MODEL 8530-30') (BEFORE 5-12-2023) (ITEMS 29-31)	4
28	221271	BKT 380 TRE & WHL ASY NEG .51" (MODEL 8530-30' AFTER 5-12-2023, MODELS 8530-33'-35', AFTER 8-16-2019) (ITEMS 29-31)	4
29	204385	FIRESTONE RADIAL 320/70R15 (USED WITH 184708)	4
29	165236	TIRE 380/55R 16.5 IMP (USED WITH 165235)	4
29	221270	BKT TIRE 380/55R 16.5 IMP (USED WITH 221271)	4
30	140548	WHEEL, 15 X 10 LB 8 BOLT (USED WITH 184708)	4
30	157001	WHL 16.5X12NEG.51 OFST, 8BOLT (USED WITH 165235 & 221271)	4
31	TR575	VALVE STEM TUBELESS TIRE	4
32	102600	NUT, WHEEL BOLT, 5/8	32
33	192890	BUSHING 1-3/8ODX1 IDX1 STEEL	2
34	140471	CYLINDER 3-3/4X10 REPHASE (SEE PAGE 7-9)	2
35	182390	EXTENSION, SHANK 6" WLDMT (MODEL 8530-35' ONLY)	2
36	182391	EXTENSION, SHANK 12" WLDMT (MODEL 8530-35' ONLY)	2
37	2-102-010068	U-BOLT 5/8-11X6-11/16X3-1/2	4

Wing Frame and Lift 8530-30'-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
38	168787	BEARING, FLANGE 1-1/4 X 1-3/8L	8

Depth Stop Tube Assembly

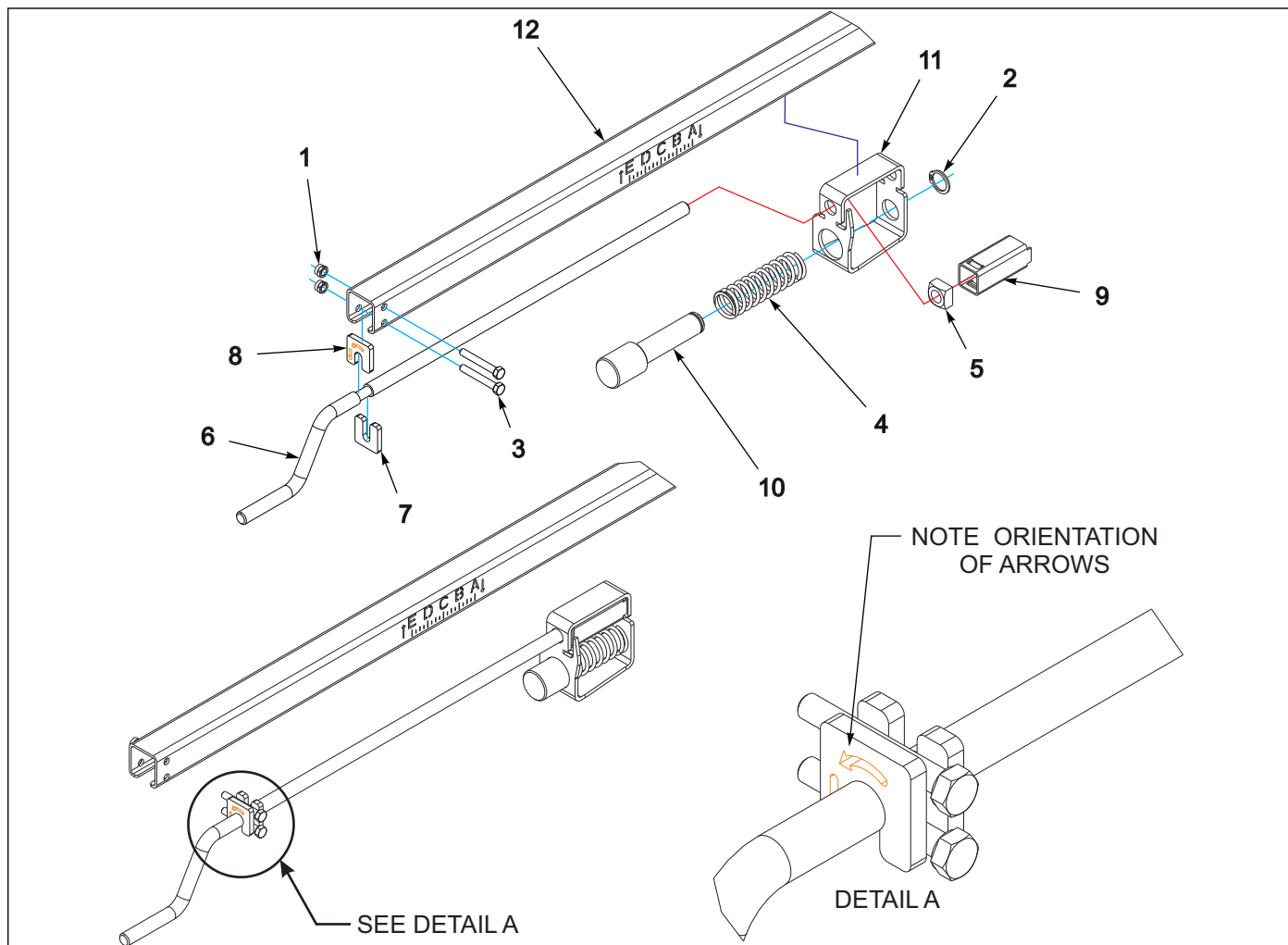


Figure 1-10: Depth Stop Tube Assembly

Depth Stop Tube Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	180120	DEPTH STOP ASSEMBLY	1
1	1-512-010005-03	NUT, HEX LOCK 5/16-18 GRB	2
2	1-630-010021-03	RING, RETAINING 1 HD	1
3	108628	SCREW, HEX HEAD CAP 5/16-18 X 2-1/4 GR5	2
4	122917	SPRING, COMPRESSION 4-1/2	1
5	144048	NUT, SQUARE 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	SQUARE TUBE, FLOATING	1
10	174708	PIN, DEPTH STOP	1
11	174709	SQUARE TUBE, DEPTH STOP	1
12	180121	SQUARE TUBE, DEPTH STOP	1

Walking Beam Assemblies

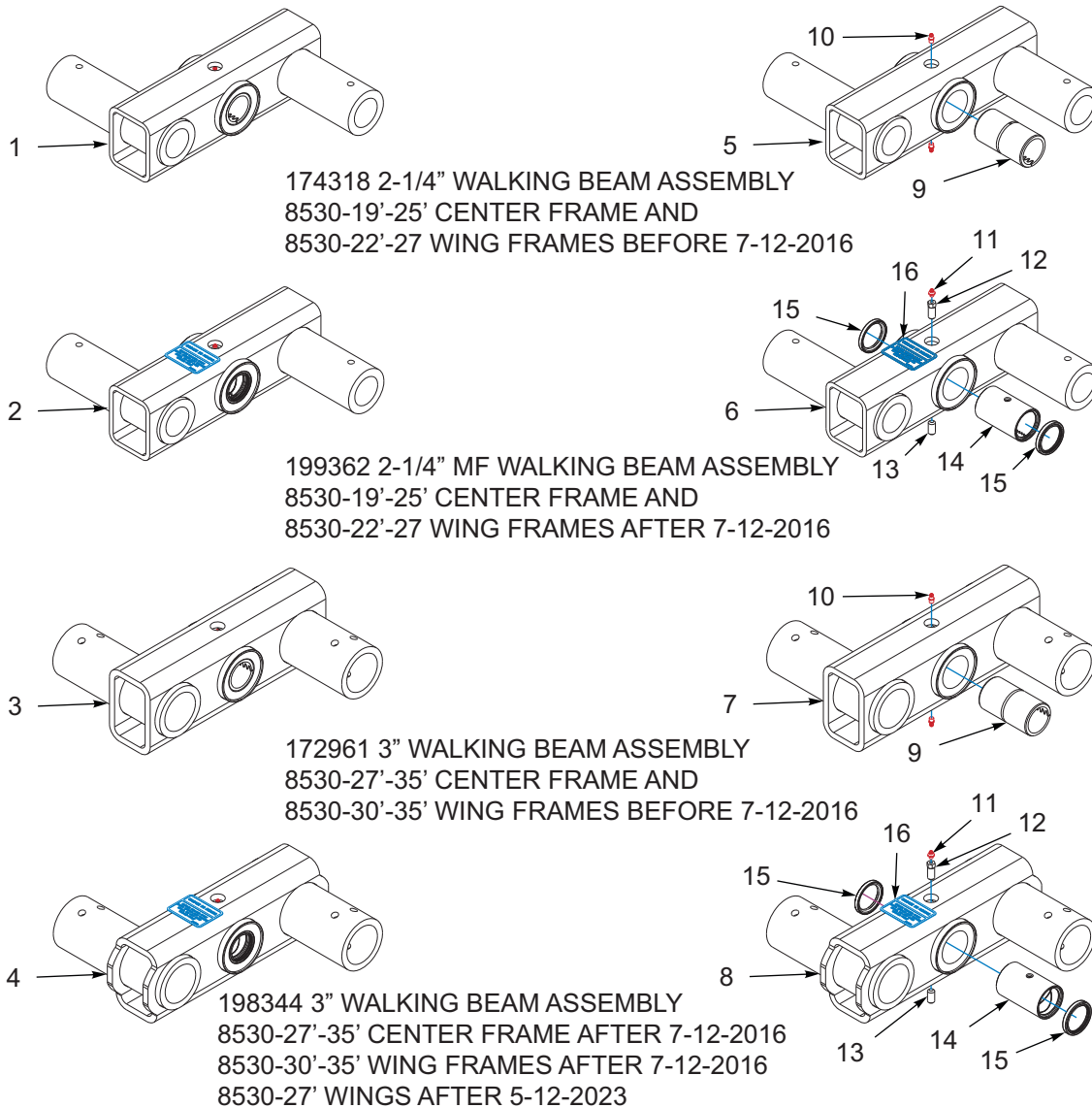


Figure 1-11: Walking Beam Assemblies

Walking Beam Assemblies

ITEM	PART NUMBER	DESCRIPTION	QTY.			
1	174318	WALKING BEAM ASSY, 2-1/4	*			
2	199362	WALKING BEAM ASSY 2-1/4 MF		*		
3	172961	WALKING BEAM ASSY 3"			*	
4	198344	WALKING BEAM ASSY 3"				*
5	174319	WALKING BEAM WLDMT 2-1/4	1	--	--	--
6	199363	WALKING BEAM WLD 2-1/4 SPINDLE	--	1	--	--
7	172959	WALKING BEAM, 3" SPINDLE WLDMT	--	--	1	--
8	198345	WALKING BEAM WLDMT 3" SPINDLE	--	--	--	1
9	158903	BUSHING, SPRING 2-1/2X2X4-5/8	1	--	1	--
10	171024	FITTING, GREASE 5/16-24 STR	2	--	2	--
11	1-298-010001-1	ZERK FITTING 1/4 SAE	--	1	--	1
12	212046	SCREW, SET FOR ZERK	--	1	--	1
13	15G816ER	SCREW SET SOC HD CPPT.5-13X1	--	1	--	1
14	228187	ASSY, PIVOT 2 X 4 CONNEX	--	1	--	1
15	198322	SEAL, V17, DOUBLE LIP 2"	--	--	--	2
16	215341	DECAL, GREASE WALKER	--	1	--	1

Hub and Spindle Assembly 156972

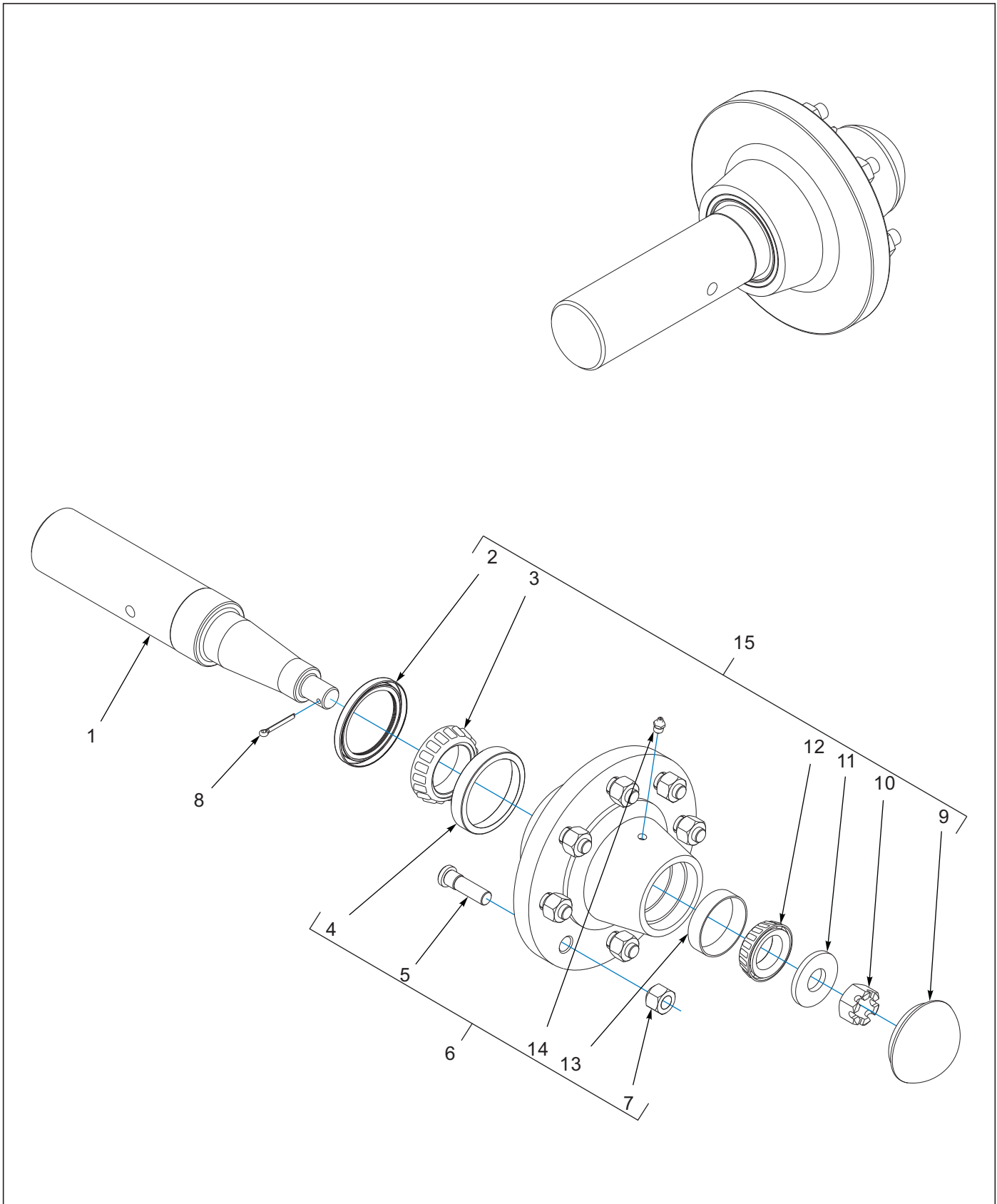


Figure 1-12: Hub and Spindle Assembly 156972

Hub and 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	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)	

Hub and Spindle Assembly 223440

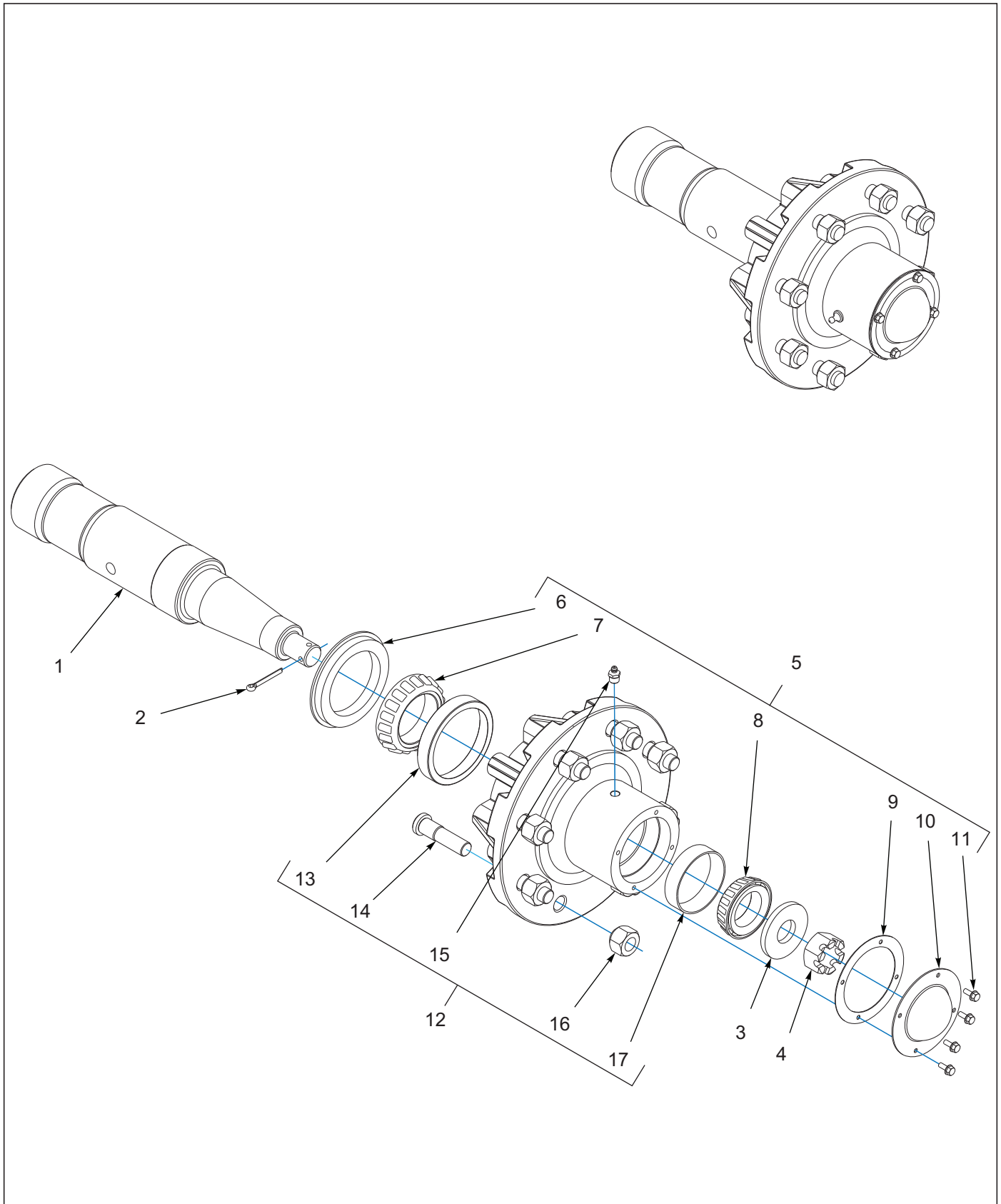


Figure 1-13: Hub and Spindle Assembly 223440

Hub and Spindle Assembly 223440

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	223440	ASSY, 8 BOLT HUB & SPINDLE	
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

Hub and Spindle Assembly 147553

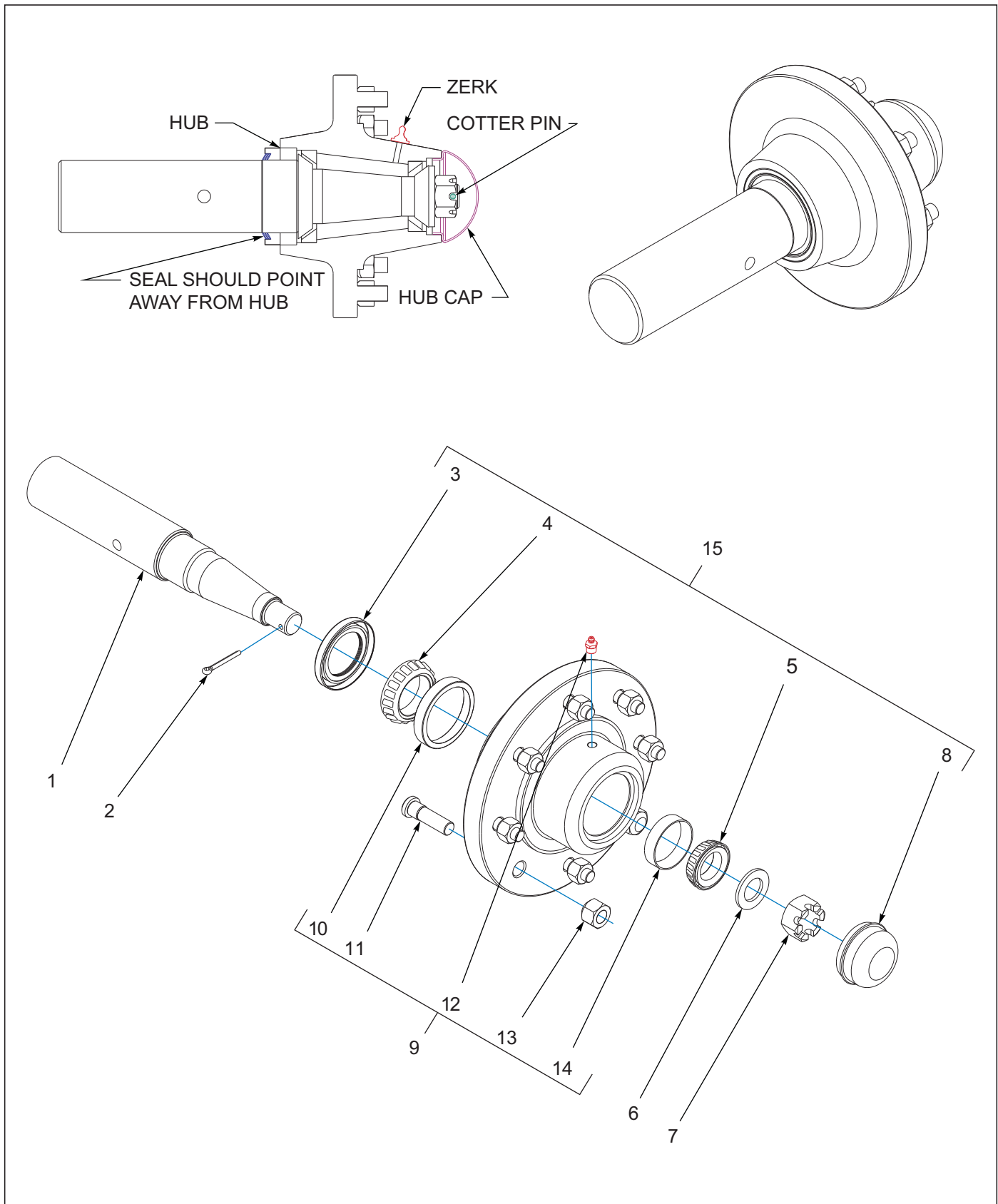


Figure 1-14: Hub and Spindle Assembly 147553

Hub and Spindle Assembly 147553

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	147553	8 BOLT HUB ASSY, 2-1/4" SPDL	
1	141198	SPINDLE 2-1/4 IN	1
2	1-557-010362-51	PIN, COTTER 3/16X1-1/2	1
3	140554	SEAL GREASE	1
4	140595	CONE BEARING	1
5	1-076-010007	CONE INNER	1
6	141238	WASHER, SPINDLE	1
7	1-516-010001-20	NUT, HX SLOT 1-14	1
8	141236	DUST CAP, WHEEL HUB	1
9	140646	HUB W/CUPS, EIGHT BOLT (INCLUDES ITEMS 10-14)	1
10	140594	CUP BEARING	1
11	143067	STUD BOLT 5/8-18	8
12	5000	ZERK FITTING 1/8NPT	1
13	102600	NUT,WHEEL BOLT, 5/8	8
14	1-076-010010	CUP INNER	1
15	141867	HUB ASSY EIGHT BOLT (INCLUDES ITEMS 3, 4, 5, 8, 9)	1

Hitch Assemblies

Hitch & Leveling Assembly 8530-19'-25'

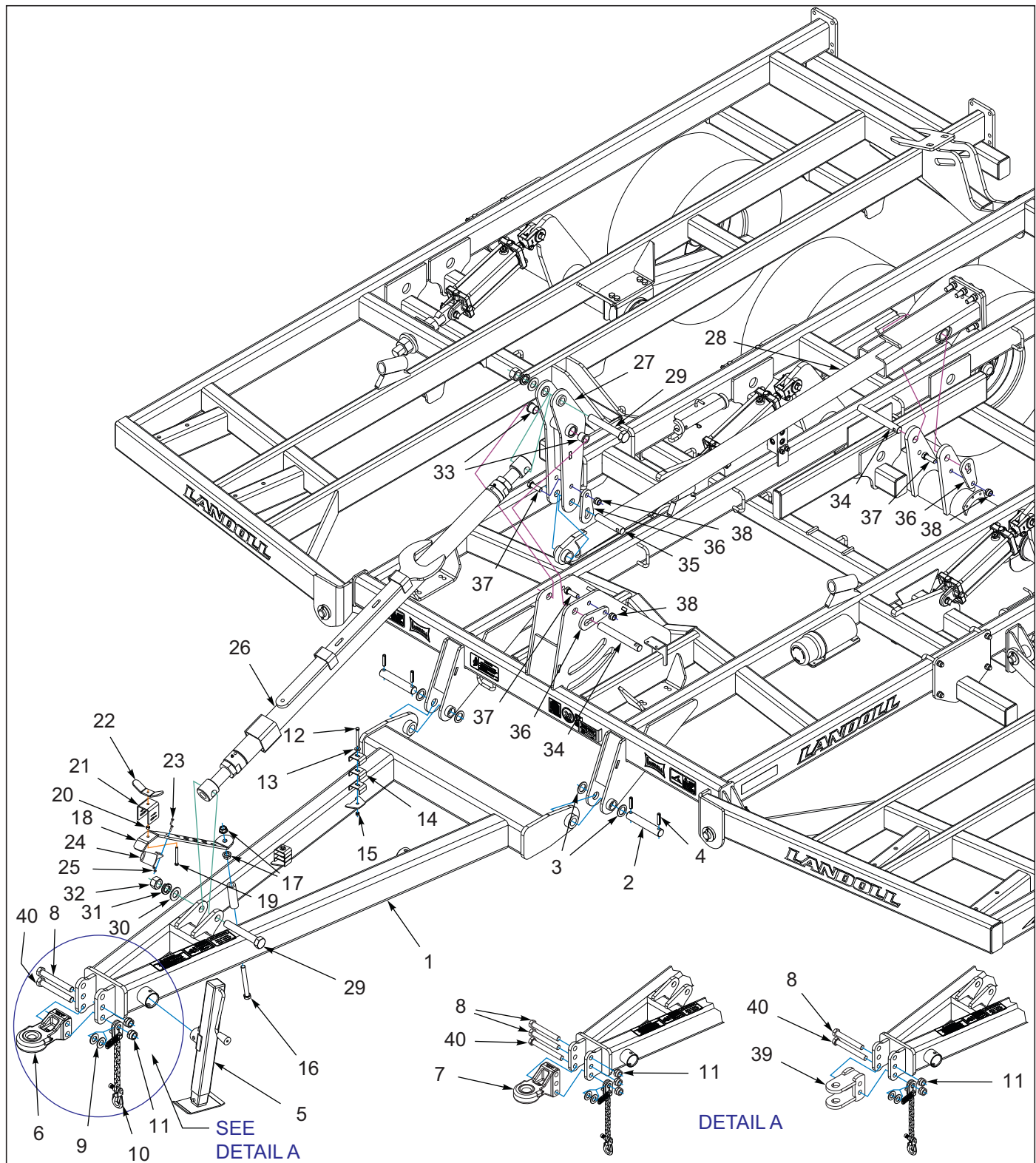


Figure 2-1: Hitch & Leveling Assembly 8530-19'-25'

Hitch & Leveling Assembly 8530-19'-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.		
--	185662	HITCH ASSY, CAT III NC	*		
--	185663	HITCH ASSY, CAT IV NC		*	
--	185664	HITCH ASSY, DBL NC			*
1	179720	HITCH, NARROW CENTER	1	1	1
2	7J856	PIN, $\varnothing 1-7/16"$ X 8"	2	2	2
3	164174	BUSHING, MACHINE 1-1/2X10GA	4	4	4
4	141251	SPRING PIN,SLOTTED 1/2X2-1/4	4	4	4
5	140647	JACK, SIDE WIND 7000/8000 LB (SEE PAGE 2-5)	1	1	1
6	177030	HITCH, BALL CAT III (SEE PAGE 2-7)	1	--	--
7	189451	HITCH, BALL CAT IV 3-HOLE (SEE PAGE 2-7)	--	1	--
8	153696	BOLT, HITCH CLEVIS	1	2	1
9	1-861-010032-24	WASHER FL 1IN NARROW ZP	2	2	2
10	141434	SAFETY CHAIN 21,000LB	1	1	1
11	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	2	3	2
12	1-654-010051-15	SCREW HXCP 3/8-16UNCX3-1/2 G5	2	2	2
13	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	2	2	2
14	2-181-010001	HOSE CLAMP	6	6	6
15	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2	2	2
16	1-654-010061-19	SCREW,HX CP 3/4-10UNCX7 GR5	1	1	1
17	103841	NUT,FLG,LNK,SERRATED 3/4-10UNC	2	2	2
18	141246	BRACKET, HOSE HOLDER	1	1	1
19	141807	SCREW 3/8-16UNCX3-1/2 ALLTHRD	1	1	1
20	1-512-010007-07	NUT, HEX 3/8-16 GR2 ZP	1	1	1
21	141247	CLAMP, HOSE HOLDER	1	1	1
22	141249	WING NUT, HOSE HOLDER	1	1	1
23	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2	2	2
24	2-368-010287	HARNESS, STOR-A-WAY	1	1	1
25	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2	2	2
26	183945	RADIUS ROD ASSY, 2 (SEE PAGE 2-9)	1	1	1
27	183897	LINK, PIVOT WLDMT	1	1	1
28	183889	LEVELER ASSY, SPRING (SEE PAGE 2-8)	1	1	1
29	1-654-010123-01	SCREW,CAP,SPEC.,1-1/4-7X8G8	2	2	2
30	116100	WASHER 1-1/4 NAR FL ZP/CD	2	2	2
31	100825	WASHER, LKG, HLCL SPR 1-1/4	2	2	2
32	1-512-010007-16	NUT,HEX 1-1/4-7 GR2 ZP	2	2	2
33	168787	BEARING, FLANGE 1-1/4 X 1-3/8L	2	2	2
34	179709	PIN, LEVELER	2	2	2
35	163705	PIN, LEVELER	1	1	1
36	164544	KEEPER, LEVELER PIN	3	3	3
37	100941	SCREW,HEXCAP,3/4-10X2-1/4G8ZP	3	3	3
38	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	3	3	3
39	161550	HITCH CLEVIS DOUBLE 1-9/16 WLD (SEE PAGE 2-7)	--	--	1
40	1-654-010125-22	SCREW HX CP 1-8UNCX8-1/2G8ZP	1	1	1

Hitch & Leveling Assembly 8530-27'-35'

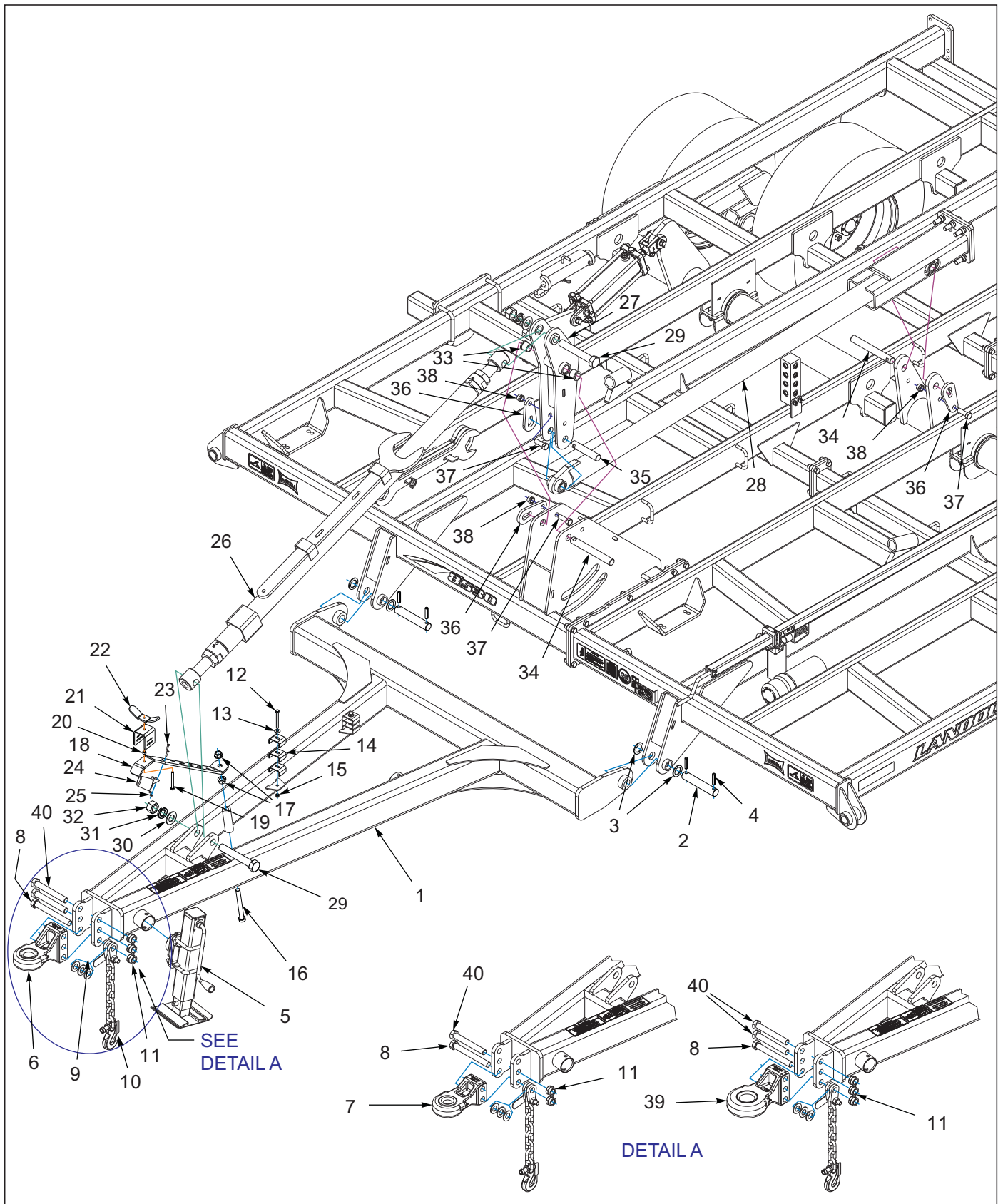


Figure 2-2: Hitch & Leveling Assembly 8530-27'-35'

Hitch & Leveling Assembly 8530-27'-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.		
--	186211	HITCH ASSY, WC CAT III (8530-27'-30')	*		
--	181930	HITCH ASSY, CAT IV WC (8530-27'-35')	*		
--	181931	HITCH ASSY, CAT V WC (8530-33'-35')	*		
1	179721	HITCH, WIDE CENTER WLDMT	1	1	1
2	7J856	PIN, $\varnothing$ 1-7/16" X 8"	2	2	2
3	164174	BUSHING, MACHINE 1-1/2X10GA	4	4	4
4	141251	SPRING PIN,SLOTTED 1/2X2-1/4	4	4	4
5	183967	JACK ASSY, SIDE WIND 10,000 LB (SEE PAGE 2-5)	1	1	1
6	189451	HITCH, BALL CAT IV 3-HOLE (SEE PAGE 2-7)	--	1	--
7	177030	HITCH, BALL CAT III (SEE PAGE 2-7)	1	--	--
8	1-654-010125-22	SCREW HX CP 1-8UNCX8-1/2G8ZP	1	1	1
9	1-861-010032-24	WASHER FL 1IN NARROW ZP	2	2	2
10	156950	SAFETY CHAIN, 41,000 LB	1	1	1
11	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	2	3	2
12	1-654-010051-15	SCREW HXCP 3/8-16UNCX3-1/2 G5	2	2	2
13	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	2	2	2
14	2-181-010001	HOSE CLAMP	6	6	6
15	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2	2	2
16	1-654-010061-19	SCREW,HX CP 3/4-10UNCX7 GR5	1	1	1
17	103841	NUT,FLG,LNK,SERRATED 3/4-10UNC	2	2	2
18	141246	BRACKET, HOSE HOLDER	1	1	1
19	141807	SCREW 3/8-16UNCX3-1/2 ALLTHRD	1	1	1
20	1-512-010007-07	NUT, HEX 3/8-16 GR2 ZP	1	1	1
21	141247	CLAMP, HOSE HOLDER	1	1	1
22	141249	WING NUT, HOSE HOLDER	1	1	1
23	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2	2	2
24	2-368-010287	HARNESS, STOR-A-WAY	1	1	1
25	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2	2	2
26	183945	RADIUS ROD ASSY, 2 (SEE PAGE 2-9)	1	1	1
27	183897	LINK, PIVOT WLDMT	1	1	1
28	183889	LEVELER ASSY, SPRING (SEE PAGE 2-8)	1	1	1
29	1-654-010123-01	SCREW,CAP,SPEC.,1-1/4-7X8G8	2	2	2
30	116100	WASHER 1-1/4 NAR FL ZP/CD	2	2	2
31	100825	WASHER, LKG, HLCL SPR 1-1/4	2	2	2
32	1-512-010007-16	NUT,HEX 1-1/4-7 GR2 ZP	2	2	2
33	168787	BEARING, FLANGE 1-1/4 X 1-3/8L	2	2	2
34	179709	PIN, LEVELER	2	2	2
35	163705	PIN, LEVELER	1	1	1
36	164544	KEEPER, LEVELER PIN	3	3	3
37	100941	SCREW,HEXCAP,3/4-10X2-1/4G8ZP	3	3	3
38	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	3	3	3
39	177032	HITCH, BALL CAT V (SEE PAGE 2-7)	--	--	1
40	153696	BOLT, HITCH CLEVIS	2	1	2

Jack Assembly 140647

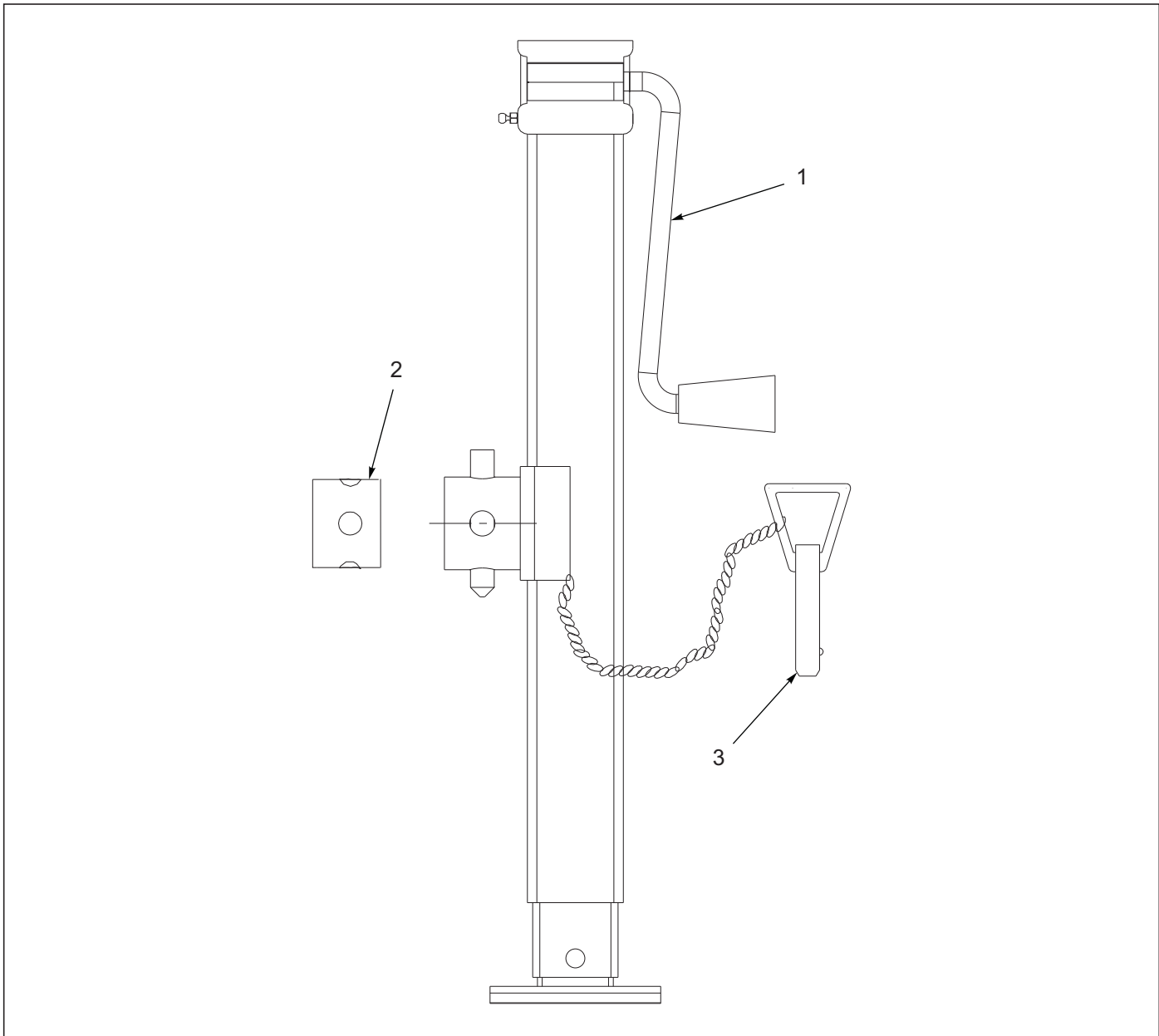


Figure 2-3: Jack Assembly 140647

Jack Assembly 140647

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	140647	JACK, SIDE WIND 7000/8000 LB	
1	500171	HANDLE FOR JACK (HAMMERBLOW)	1
2	141250	TUBE, RD, JACK MOUNT (WELD TO IMPLEMENT FRAME)	1
3	142194	5/8" PIN	1

Jack Assembly 183967

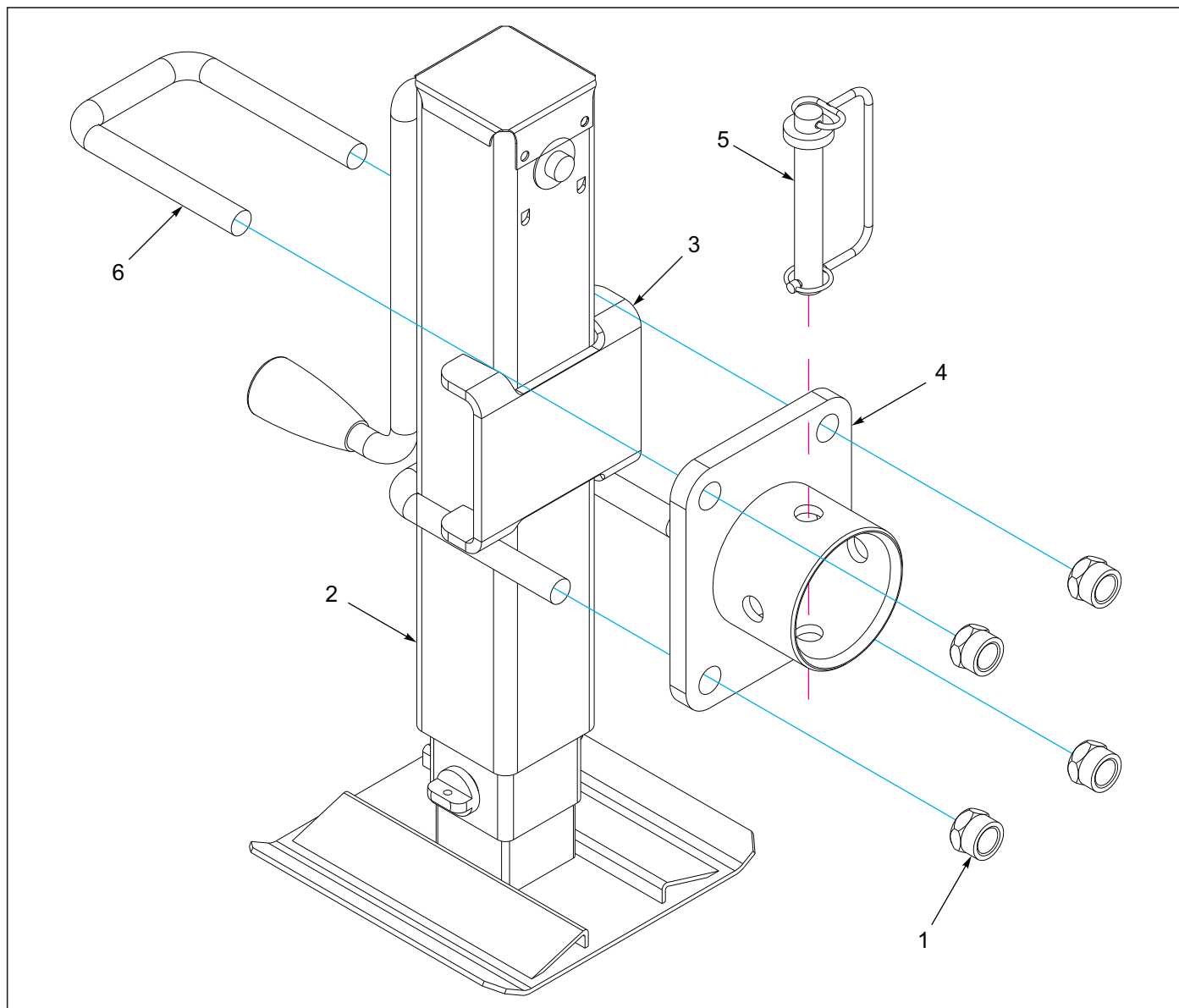


Figure 2-4: Jack Assembly 183967

Jack Assembly 183967

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	183967	JACK, SIDEWIND 10,000 LB	
1	1-512-010005-13	NUT, HEX, SLFLKG, 5/8-11 UNC, GRB	4
2	135421	JACK, 10,000 LBS	1
3	179746	CLAMP PLATE, JACK MOUNT	1
4	183968	MOUNT, JACK	1
5	3-557-010415	PIN, 5/8 W/L	1
6	4J411	U-BOLT, 5/8 X 3 X 5	2

Hitch Assemblies

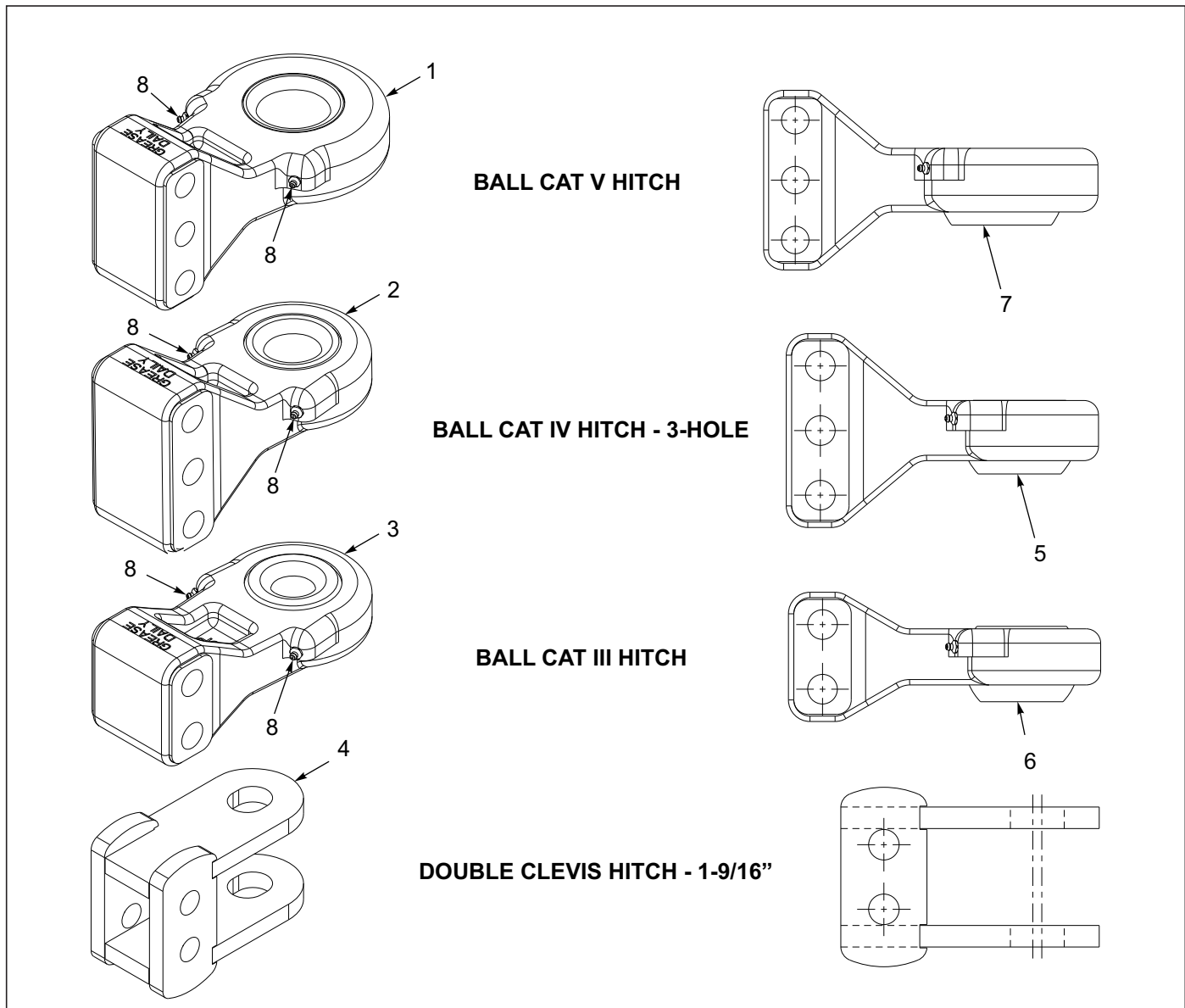


Figure 2-5: Hitch Assemblies

Hitch Assemblies

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	177032	HITCH, BALL V	1
2	189451	HITCH, BALL CAT IV, 3-HOLE	1
3	177030	HITCH, BALL CAT III	1
4	161550	HITCH CLEVIS, DOUBLE 1-9/16"	1
5	189454	BUSHING, SPHERICAL, 2" ID (STANDARD CAT IV)	1
5	189453	BUSHING, SPHERICAL, 1-1/2" ID	1
6	189453	BUSHING, SPHERICAL 1-1/2 ID (STANDARD CAT III)	1
7	189468	BUSHING, SPHERICAL, 2-3/4" ID (STANDARD CAT V)	1
7	189467	BUSHING, SPHERICAL 2 ID	1
8	1-298-010001-1	ZERK FITTING 1/4 SAE	1

Leveler Assembly - Spring

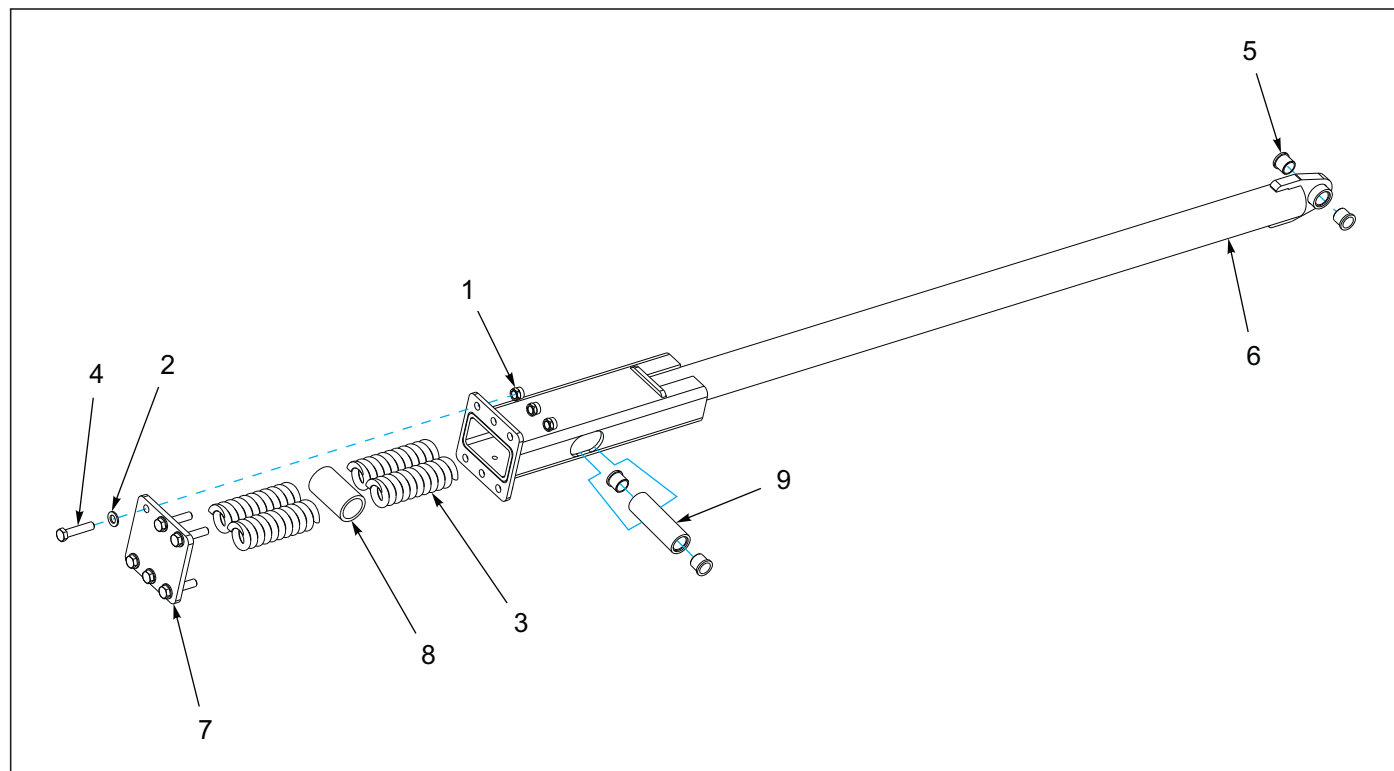


Figure 2-6: Leveler Assembly - Spring

Leveler Assembly - Spring

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	183889	LEVELER ASSEMBLY - SPRING	
1	1-512-010005-15	NUT, HEX, SLFLKG, 3/4-10 UNC GRB	6
2	1-861-010032-20	WASHER, FLAT, ZP/CD, 3/4N	6
3	140469	SPRING, LEVELER	4
4	165288	BOLT, LEVELER	6
5	168787	BEARING, FLANGE 1-1/4	4
6	183890	TUBE, LEVELER SPRING	1
7	183894	CLAMP PLATE, LEVELER TUBE	1
8	183895	SPACER, 3 X 2 - 5/16 X 5	1
9	183896	BUSHING, LEVELER PIVOT	1

Radius Rod Assembly

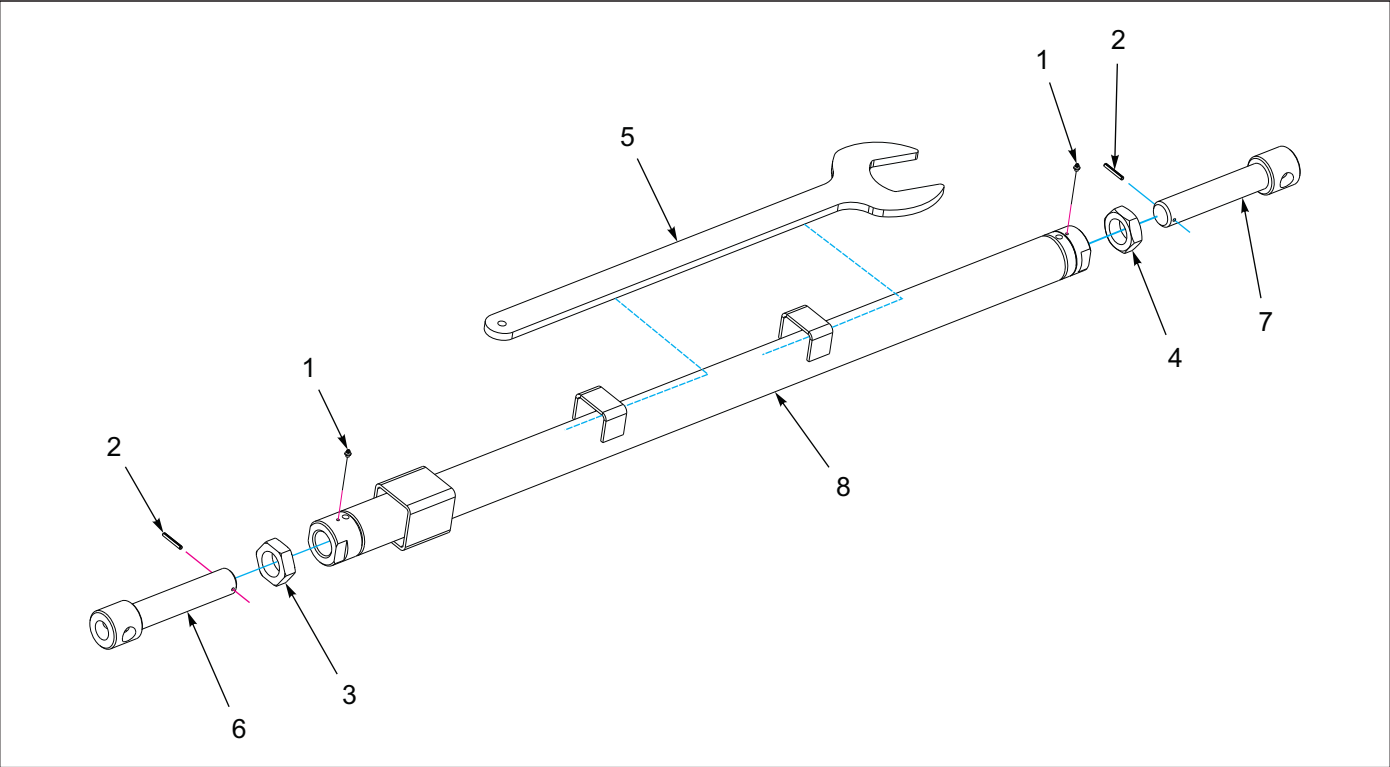


Figure 2-7: Radius Rod Assembly

Radius Rod Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	183945	RADIUS ROD ASSEMBLY - 2	
1	1-298-010001-1	FITTING, GREASE 1/4-28 STR SHORT	2
2	1-647-010004221	ROLL PIN, SLTD, 1/4 X 2	2
3	137931	NUT, 2-12, HEX JAM, UNF GR5	1
4	139139	NUT, 2-12, HEX JAM, LH THREAD G5	1
5	179763	WRENCH, ADJUSTMENT	1
6	182336	SCREW ASSEMBLY, RIGHT HAND, RADIUS ROD - 2	1
7	182339	SCREW ASSEMBLY, LEFT HAND, RADIUS ROD	1
8	183946	HITCH, RADIUS ROD - 2	1

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Fold Assemblies

Fold Assembly 8530-19'

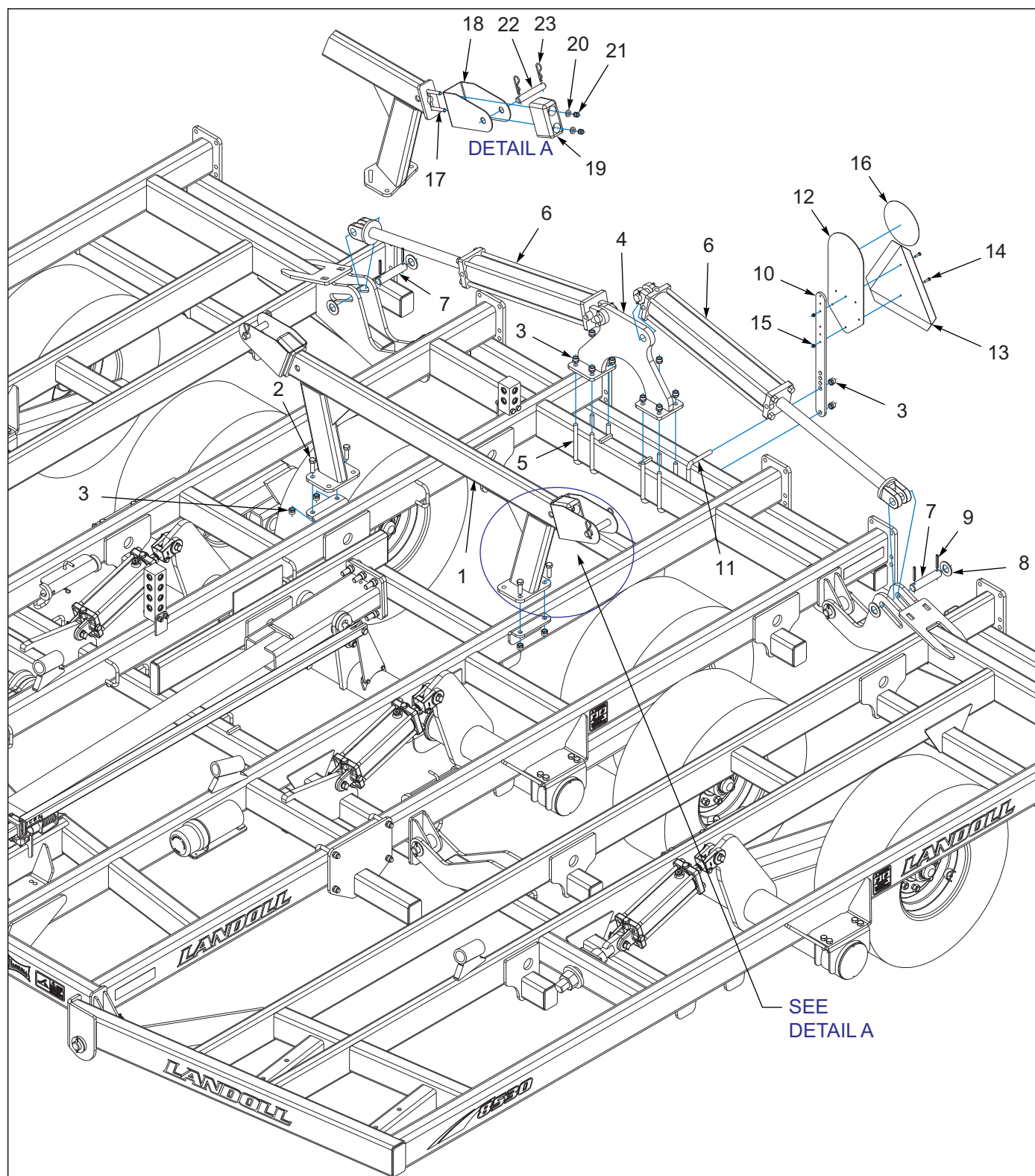


Figure 3-1: Fold Assembly 8530-19'

Fold Assembly 8530-19'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	185646	WING STABILIZER, 19-25	1
2	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	4
3	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	14
4	183990	MOUNT, FOLD CYLINDER 19-25	1
5	182420	U-BOLT 5/8-11X7-1/2X3-11/16	4
6	185650	CYLINDER, 4 X 24 3000 PSI (SEE PAGE 7-11)	2
7	141244	PIN, FOLD	2
8	116100	WASHER 1-1/4 NAR FL ZP/CD	4
9	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	4
10	164142	BRACKET, SMV MOUNTING	1
11	2-102-010004	BOLT U STANDARD GAUGE WHEEL	1
12	224590	MOUNT, SIS DECAL	1
13	70260977	SMV EMBLEM	1
14	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
15	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
16	224589	DECAL, SIS 20 MILE/H	1
17	1-654-010070-11	SCREW,RDHD,SQNCK 1/2-13X3-1/2	4
18	182409	BRACKET, WING LOCK	2
19	128874	BUMPER RUBBER 6X3X3-1/2	2
20	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	4
21	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
22	8-557-010149	PIN 1 DIA X 6	2
23	1-557-010013	PIN, HAIR 3/16 DIA	4

Fold Assembly 8530-22'-25'

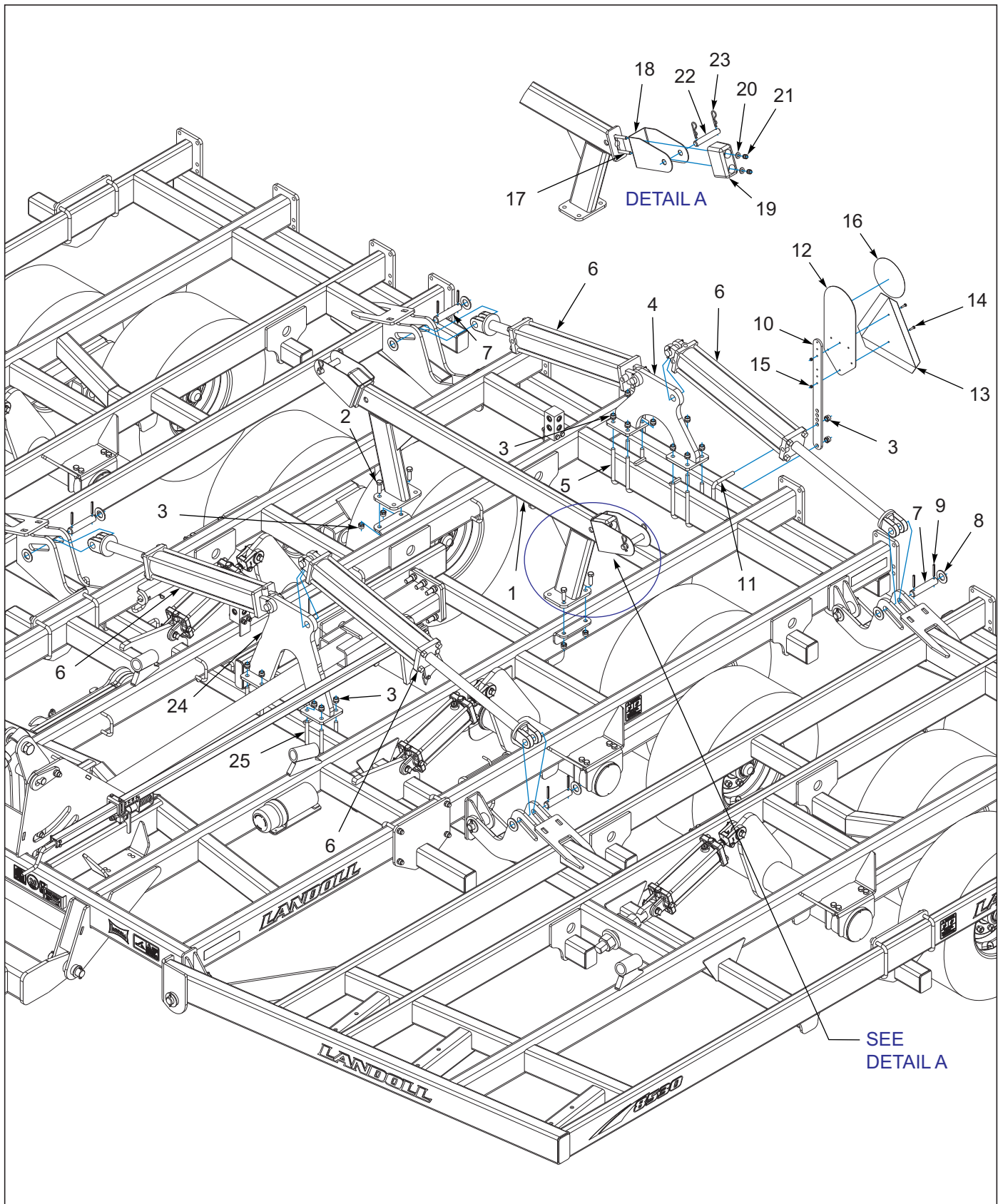


Figure 3-2: Fold Assembly 8530-22'-25'

Fold Assembly 8530-22'-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	185646	WING STABILIZER, 19-25	1
2	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	4
3	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	22
4	183990	MOUNT, FOLD CYLINDER 19-25	1
5	182420	U-BOLT 5/8-11X7-1/2X3-11/16	4
6	185650	CYLINDER, 4 X 24 3000 PSI (SEE PAGE 7-11)	4
7	141244	PIN, FOLD	4
8	116100	WASHER 1-1/4 NAR FL ZP/CD	8
9	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	8
10	164142	BRACKET, SMV MOUNTING	1
11	2-102-010004	BOLT U STANDARD GAUGE WHEEL	1
12	224590	MOUNT, SIS DECAL	1
13	70260977	SMV EMBLEM	1
14	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
15	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
16	224589	DECAL, SIS 20 MILE/H	1
17	1-654-010070-11	SCREW,RDHD,SQNCK 1/2-13X3-1/2	4
18	182409	BRACKET, WING LOCK	2
19	128874	BUMPER RUBBER 6X3X3-1/2	2
20	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	4
21	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
22	8-557-010149	PIN 1 DIA X 6	2
23	1-557-010013	PIN, HAIR 3/16 DIA	4
24	185644	MOUNT, FOLD CYLINDER 22-25	1
25	2-102-010054	U-BOLT	4

Fold Assembly 8530-27'-30'

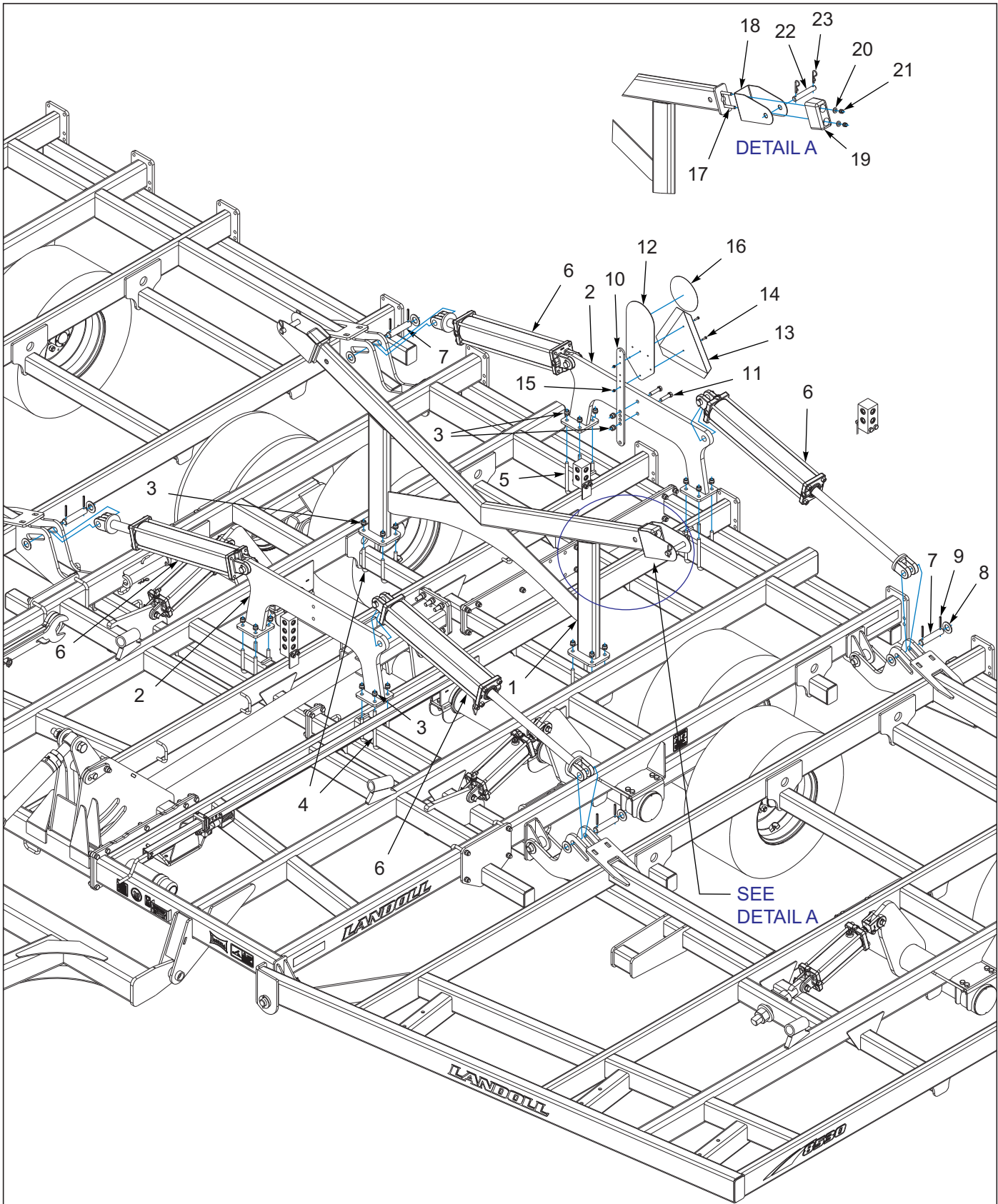


Figure 3-3: Fold Assembly 8530-27'-30'

Fold Assembly 8530-27'-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	183883	WING STABILIZER, 27-30	1
2	183885	MOUNT, FOLD CYLINDER, 27-30	2
3	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	26
4	2-102-010054	U-BOLT	8
5	182420	U-BOLT 5/8-11X7-1/2X3-11/16	4
6	181932	CYLINDER, HYD 4-1/2X24 3000PSI (SEE PAGE 7-12)	4
7	141244	PIN, FOLD	4
8	116100	WASHER 1-1/4 NAR FL ZP/CD	8
9	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	8
10	164142	BRACKET, SMV MOUNTING	1
11	1-654-010059-07	SCREW HX CP 5/8-11UNCX2-1/2G5	2
12	224590	MOUNT, SIS DECAL	1
13	70260977	SMV EMBLEM	1
14	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
15	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
16	224589	DECAL, SIS 20 MILE/H	1
17	1-654-010070-11	SCREW,RDHD,SQNCK 1/2-13X3-1/2	4
18	182409	BRACKET, WING LOCK	2
19	128874	BUMPER RUBBER 6X3X3-1/2	2
20	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	4
21	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
22	8-557-010149	PIN 1 DIA X 6	2
23	1-557-010013	PIN, HAIR 3/16 DIA	4

Fold Assembly 8530-33'-35'

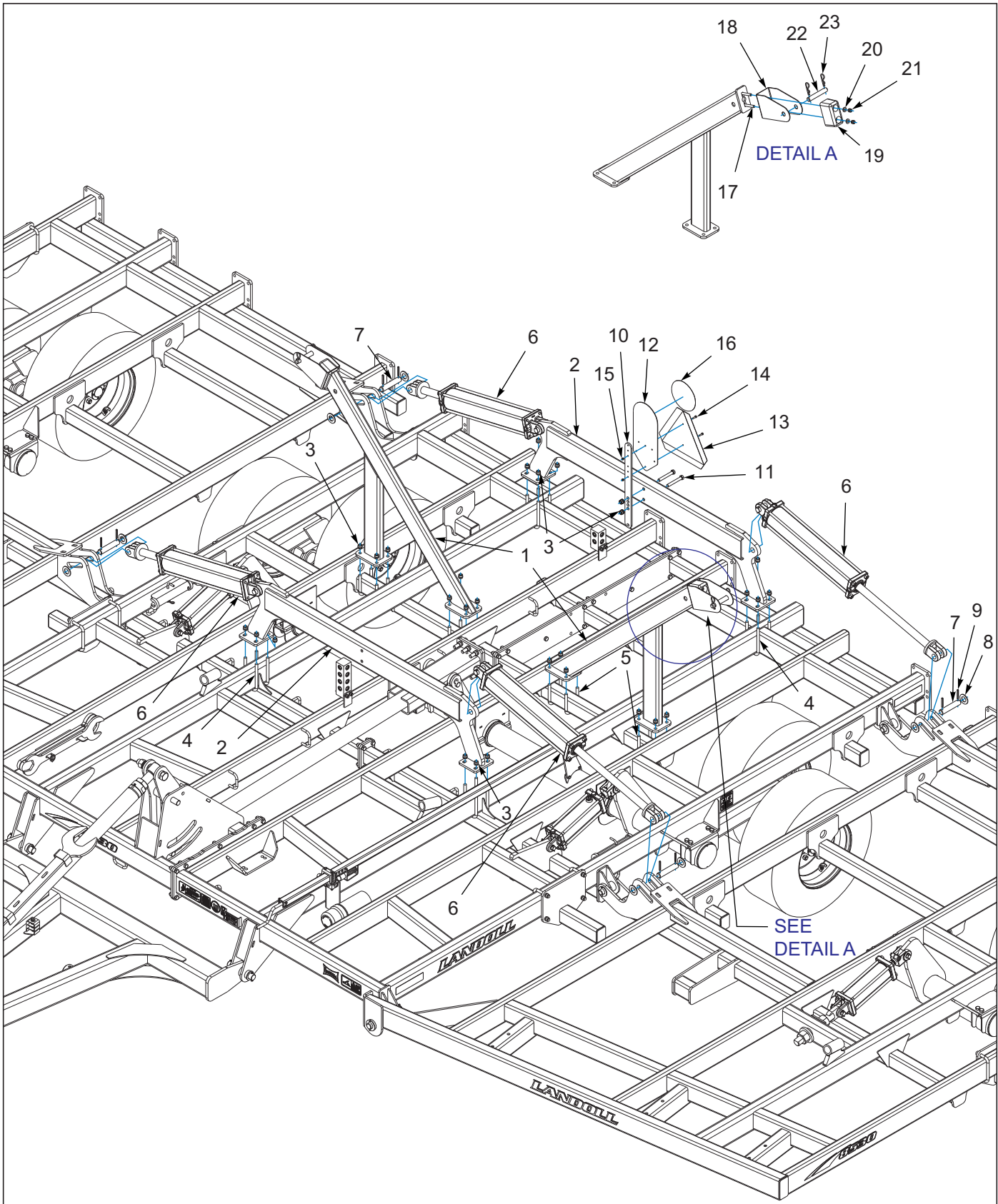


Figure 3-4: Fold Assembly 8530-33'-35'

Fold Assembly 8530-33'-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	182410	WING STABILIZER, 8530 33-35	2
2	181601	MOUNT, FOLD CYLINDER WLDMT	2
3	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	34
4	182420	U-BOLT 5/8-11X7-1/2X3-11/16	16
5	2-102-010054	U-BOLT	8
6	181932	CYLINDER, HYD 4-1/2X24 3000PSI (SEE PAGE 7-12)	4
7	141244	PIN, FOLD	4
8	116100	WASHER 1-1/4 NAR FL ZP/CD	8
9	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	8
10	164142	BRACKET, SMV MOUNTING	1
11	1-654-010059-14	SCREW HX CP,5/8-11UNCX4-1/2G5	2
12	224590	MOUNT, SIS DECAL	1
13	70260977	SMV EMBLEM	1
14	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
15	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
16	224589	DECAL, SIS 20 MILE/H	1
17	1-654-010070-11	SCREW,RDHD,SQNCK 1/2-13X3-1/2	4
18	182409	BRACKET, WING LOCK	2
19	128874	BUMPER RUBBER 6X3X3-1/2	2
20	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	4
21	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
22	8-557-010149	PIN 1 DIA X 6	2
23	1-557-010013	PIN, HAIR 3/16 DIA	4

Disc Gang Assemblies

Disc Gang Assembly 22" 4GA

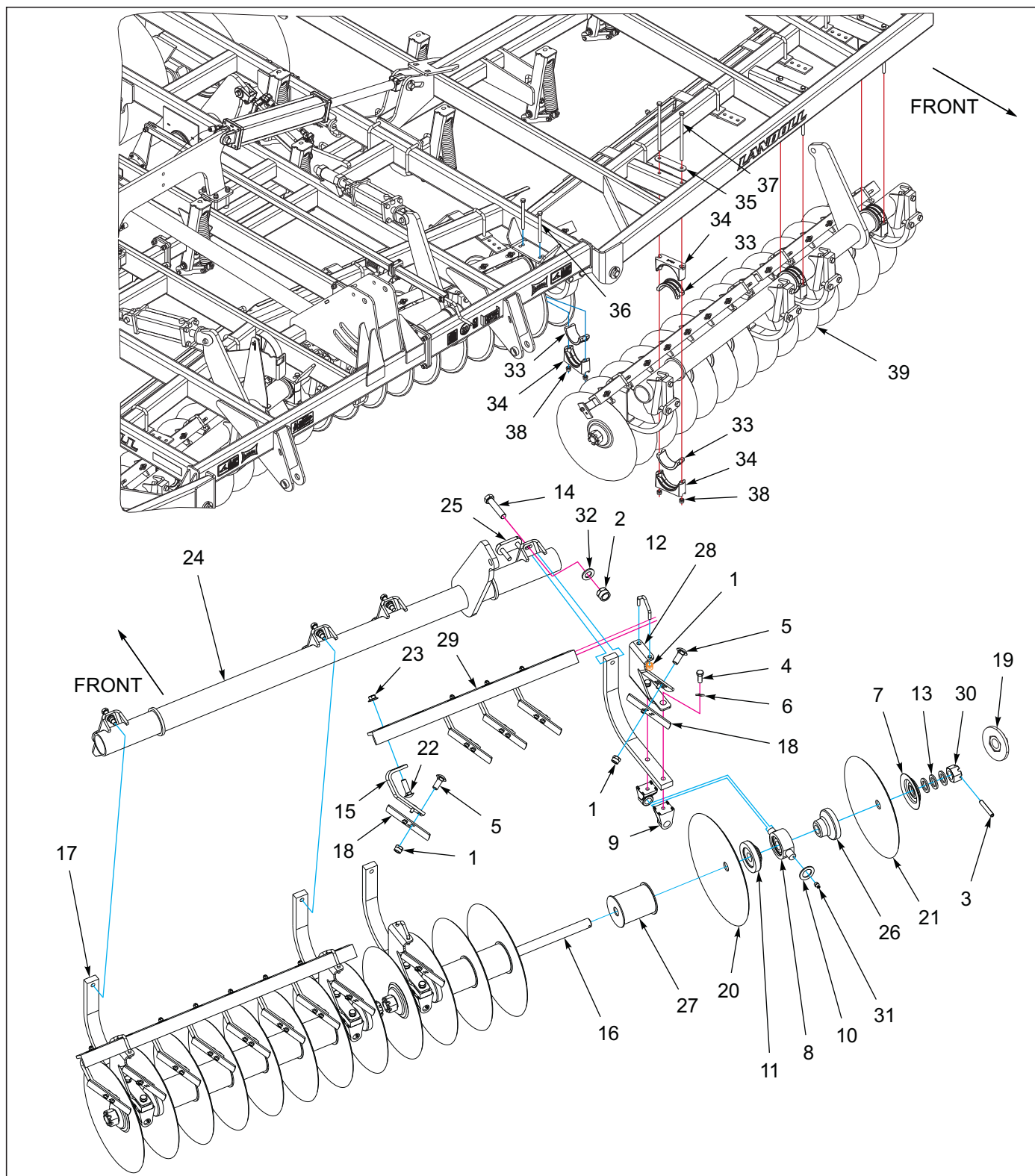


Figure 4-1: Disc Gang Assembly

Disc Gang Assembly 22" 4GA

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	1-512-010005-09	NUT, HEX, SLFLKG, 1/2-13 GRB	36
2	1-512-010005-15	NUT, HEX, SLFLKG, GRB 3/4-10	12
3	1-647-010004257	PIN, SPRING, SLOTTED 3/8 X 2-1/2	4
4	1-654-010032-09	SCREW, HEX CAP, 3/4-10 X 3 GR8	8
5	1-654-010070-02	SCREW, 1/2-13 X 1 -1/4 RD HD SQ NCK	28
6	1-861-010034-17	WASHER, LKG, HLCL SPR, 3/4	8
7	140469	END COLLAR	4
8	140477	BEARING, DISC 1.775 ID ASSY	4
9	140479	MOUNT, TRUNNION BEARING	8
10	140480	WASHER, TRUNNION	8
11	189437	HALF SPOOL, LOW CONCAVITY	4
12	140487	UBOLT, SCRAPER BAR MOUNT	4
13	141154	WASHER, GANG SHAFT	8
14	141776	SCREW, HEX, CAP 3/4-10 UNC X 3-1/2 GR5B	12
15	172724	ARM, SCRAPER	10
16	145208	SHAFT, GANG, (SEE PAGE 4-12)	1
17	148386	SHANK, DISC BEARING, STRAIGHT	4
18	151550	SCRAPER, 4"	14
19	182401	END WASHER, DISC GANG (CENTER FRONT GANGS ONLY)	10
20	155617	DISC BLADE, 22" X 1/4", 1-3/4 ID	13
20	155618	DISC BLADE, 22" X 1/4", 1-3/4 ID - ROLLABLE	13
21	155619	DISC BLADE, 20" X 1/4", 1-3/4 ID - ROLLABLE	1
22	160161	SHAKER BOLT, 1/2-13 X 1-3/4, GR8 ZP	10
23	172509	NUT, 1/2-13 WIDE FLNG TOP LCK F	10
24	179742	LIFT, DISC GANG (SEE PAGE 4-12)	1
25	179756	CLAMP PLATE, 2 HOLE	4
26	179757	HALF SPOOL, CONVEX 7-1/2 SP	4
27	179758	SPOOL WELDMENT, 7-1/2 SP	8
28	179761	SCRAPER BAR MOUNT, LEFT	4
28	179760	SCRAPER BAR MOUNT, RIGHT (SHOWN)	4
29	179766	SCRAPER BAR (SEE PAGE 4-12)	1
30	23085	NUT, HEX, SLOTTED 1-3/4-5T	4
31	5000	ZERK, FITTING 1/8 NPT	4
32	622-3511-008	WASHER, FLAT 3/4 MIL-CARB SAE	12
33	2P793	INSERT-BEARING, 4-1/2	16
34	2P794	BEARING HALF, 4-1/2 INSERT	16
35	182398	CLAMP PLATE, 2-HOLE (WING FRAME ONLY)	4
36	123096	SCREW, HEX CAP, 5/8-11 UNC X 7-1/2, GR5 (CENTER FRAME)	8
37	113791	SCREW, HEX CAP, 5/8-11 UNC X 12-1/2, GR5 (WING FRAME)	8
38	1-512-010005-13	NUT, HEX, SLFLKG, 5/8-11 UNC, GRB	22
39	-----	GANG ASSEMBLY (SEE PAGE 4-8 THROUGH 4-21)	

Depth Gauge Assembly

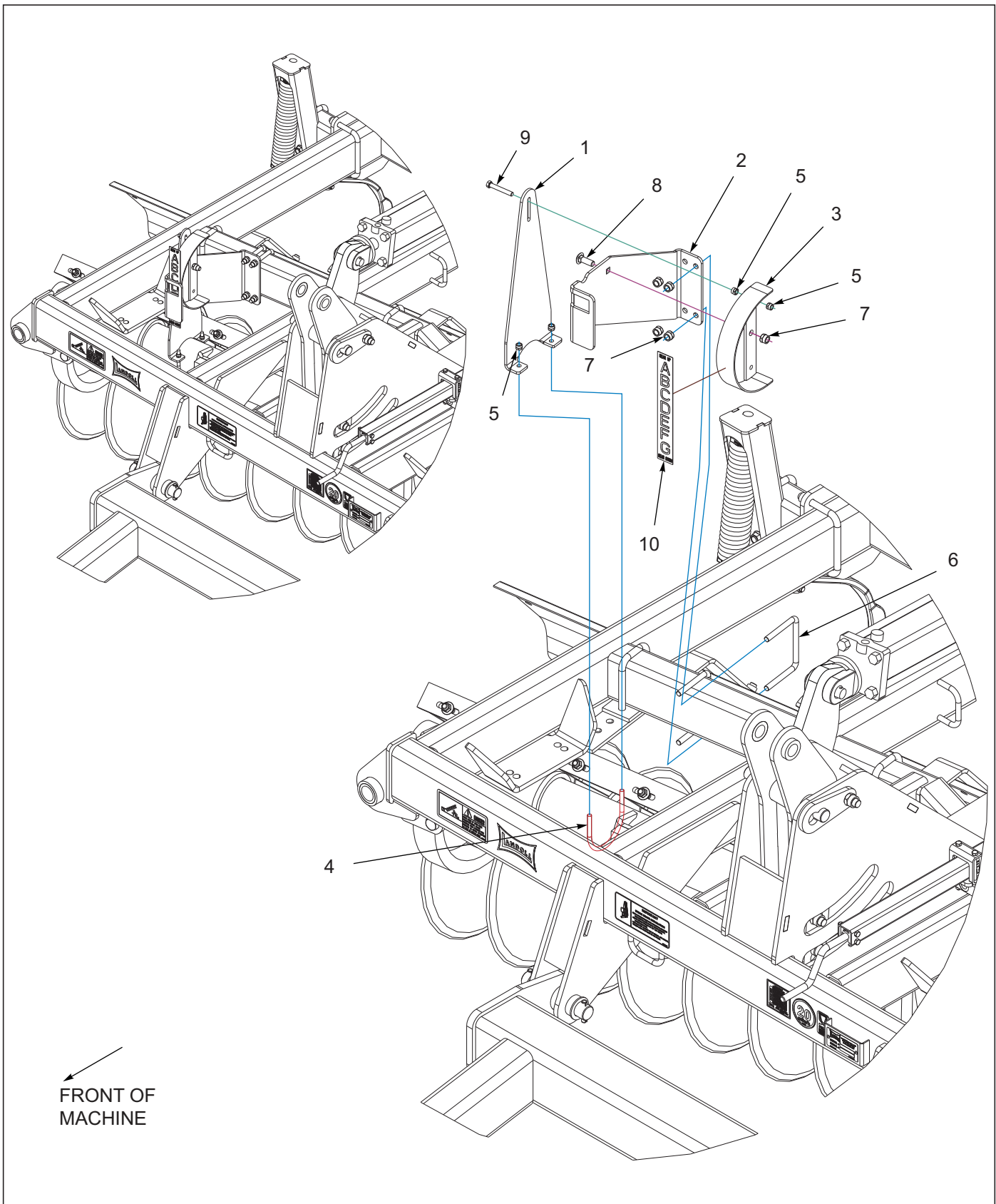


Figure 4-2: Depth Gauge Assembly

Depth Gauge Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	183927	DEPTH GAUGE ASSY	1
1	183926	MOUNT, DEPTH GAUGE ARM	1
2	183925	MOUNT, DEPTH GAUGE	1
3	141241	GAUGE, LEVEL INDICATOR WLDMT	1
4	2-102-010062	U-BOLT, 4.937X5	1
5	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
6	7K858	U-BOLT 1/2-13X5-1/2 X 4-1/4	1
7	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	5
8	1-654-010070-03	SCREW RDHD SQNK1/2-13X1-1/2	1
9	1-654-010051-11	SCREW HX CP 3/8-16X2-1/2 G5ZP	1
10	141263	DECAL, LEVEL INDICATOR	1

Disc Gang Shield - Center Frame 19'-30'

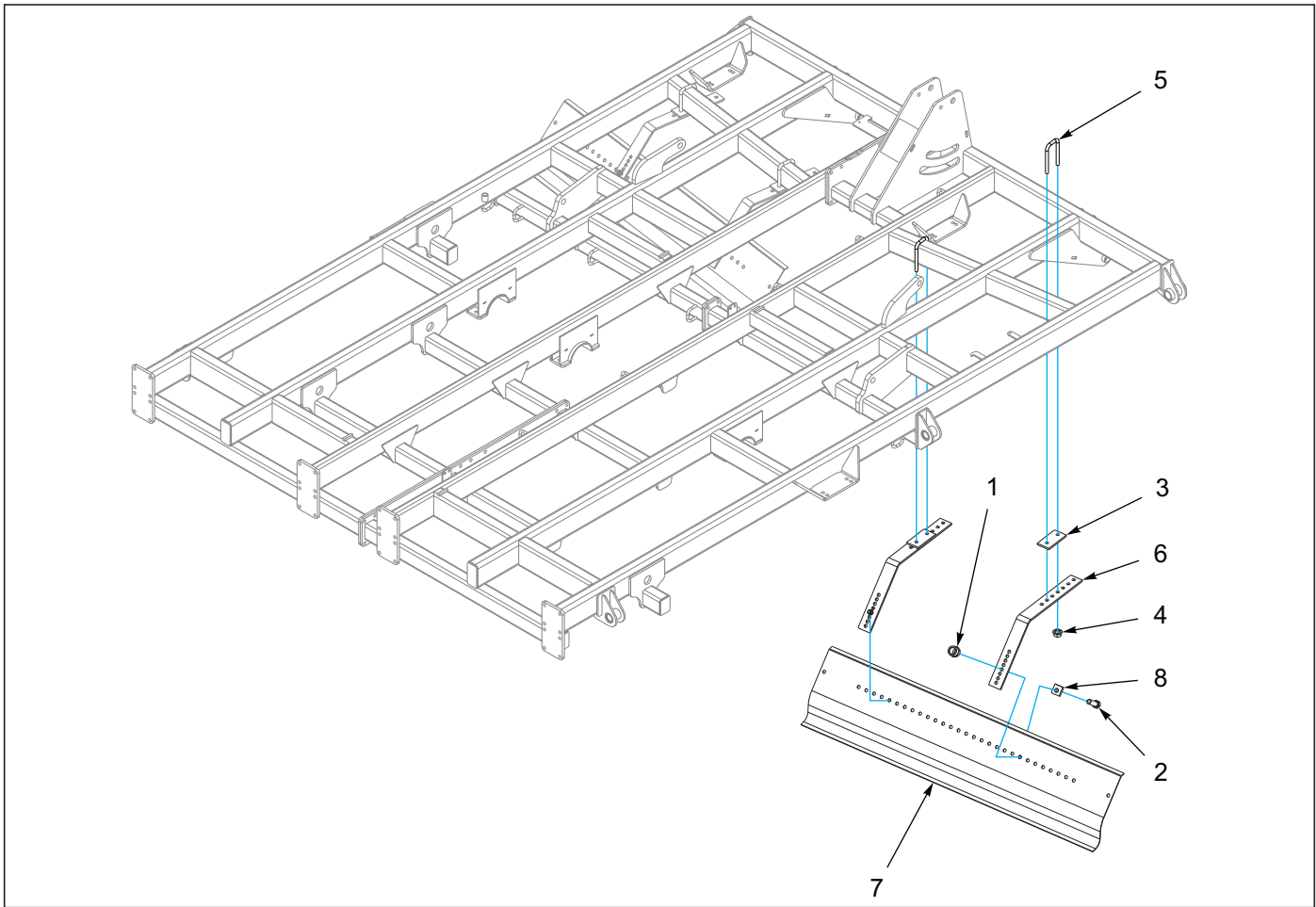


Figure 4-3: Disc Gang Shield - Center Frame 19'-30'

Disc Gang Shield - Center Frame 19'-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	1-512-010005-13	NUT, HEX, SLFLKG, 5/8-11 UNC, GRB	4
2	1-654-010059-05	SCREW, HEX, 5/8-11 UNC X 2 GR5	4
3	100693	CLAMP BRACKET	4
4	29SFFL 5811	NUT, FLANGE, HEAD LOCK, 5/8-11 UNC	8
5	203182	U-BOLT 5/8-11X7X3-11/16	4
6	8-681-010008	ADJUSTABLE BRACKET, SPRAY SHIELD	4
7	8-681-010014	SPRAY SHIELD, 69", 19'-25'	2
7	8-681-010009	SPRAY SHIELD, 76", 27'-30'	2
8	8-681-010010	BACKUP PLATE	4

Disc Gang Shield - Center Frame 33'-35'

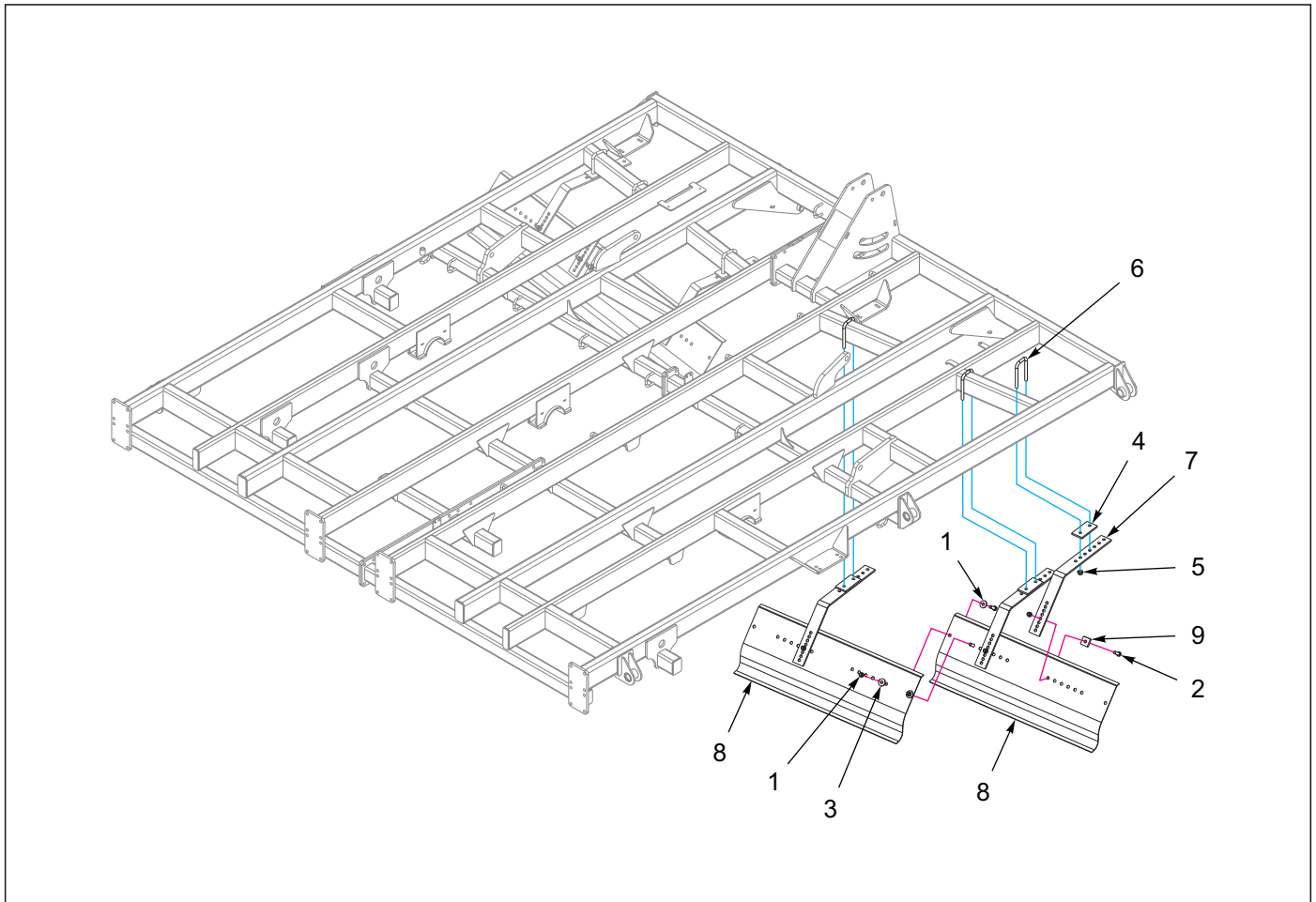


Figure 4-4: Disc Gang Shield - Center Frame 33'-35'

Disc Gang Shield - Center Frame 33'-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	1-512-010005-13	NUT, HEX, SLFLKG, 5/8-11 UNC, GRB	10
2	1-654-010059-05	SCREW, HEX, 5/8-11 UNC X 2 GR5	10
3	1-861-010032-19	WASHER, FLAT, ZP/CD, 5/8W	8
4	100693	CLAMP BRACKET	6
5	29SFFL 5811	NUT, FLANGE, HEAD LOCK, 5/8-11 UNC	12
6	203182	U-BOLT 5/8-11X7X3-11/16	6
7	8-681-010008	ADJUSTABLE BRACKET, SPRAY SHIELD	6
8	8-681-010013	SPRAY SHIELD, 48"	4
9	8-681-010010	BACKUP PLATE	6

Disc Gang Shield - Wing

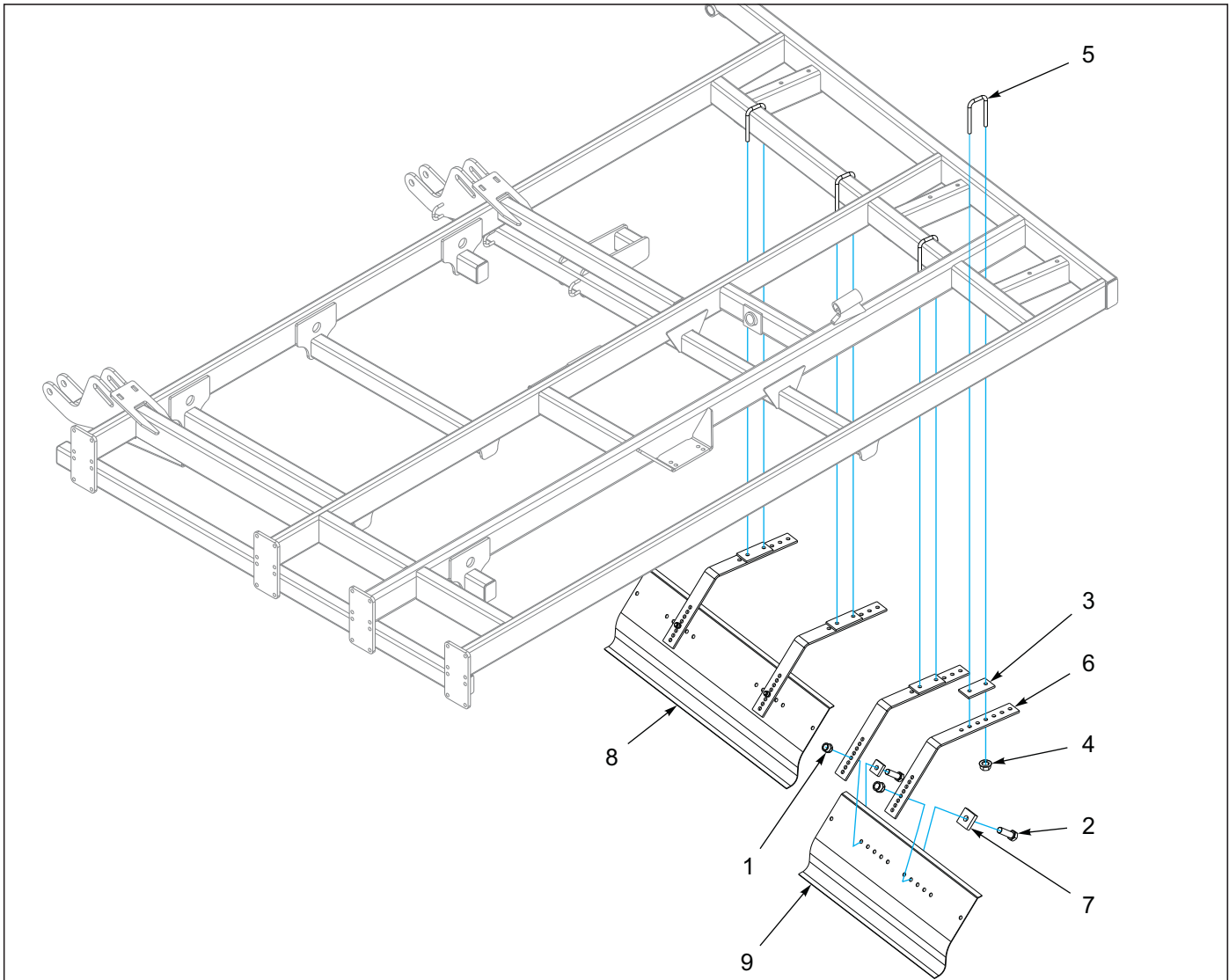


Figure 4-5: Disc Gang Shield - Wing

Disc Gang Shield - Wing

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	1-512-010005-13	NUT, HEX, SLFLKG, 5/8-11 UNC, GRB	4
2	1-654-010059-05	SCREW, HEX, 5/8-11 UNC X 2 GR5	4
3	100693	CLAMP BRACKET	4
4	29SFFL 5811	NUT, FLANGE, HEAD LOCK, 5/8-11 UNC	8
5	203182	U-BOLT 5/8-11X7X3-11/16	4
6	8-681-010008	ADJUSTABLE BRACKET, SPRAY SHIELD	4
7	8-681-010010	BACKUP PLATE	4
8	8-681-010009	SPRAY SHIELD 76IN 875 (MODELS 8530-25'-27')	1
8	8-681-010012	SPRAY SHIELD 55 IN 875 (MODELS 8530-30'-35')	1
8	8-681-010013	SPRAY SHIELD 48 IN 875	1
8	8-681-010014	SPRAY SHIELD 69 IN	1
9	8-681-010020	SPRAY SHIELD 41 IN	1
9	8-681-010012	SPRAY SHIELD 55 IN 875	1

Gang Assembly 22" 4 GA 8530-19'

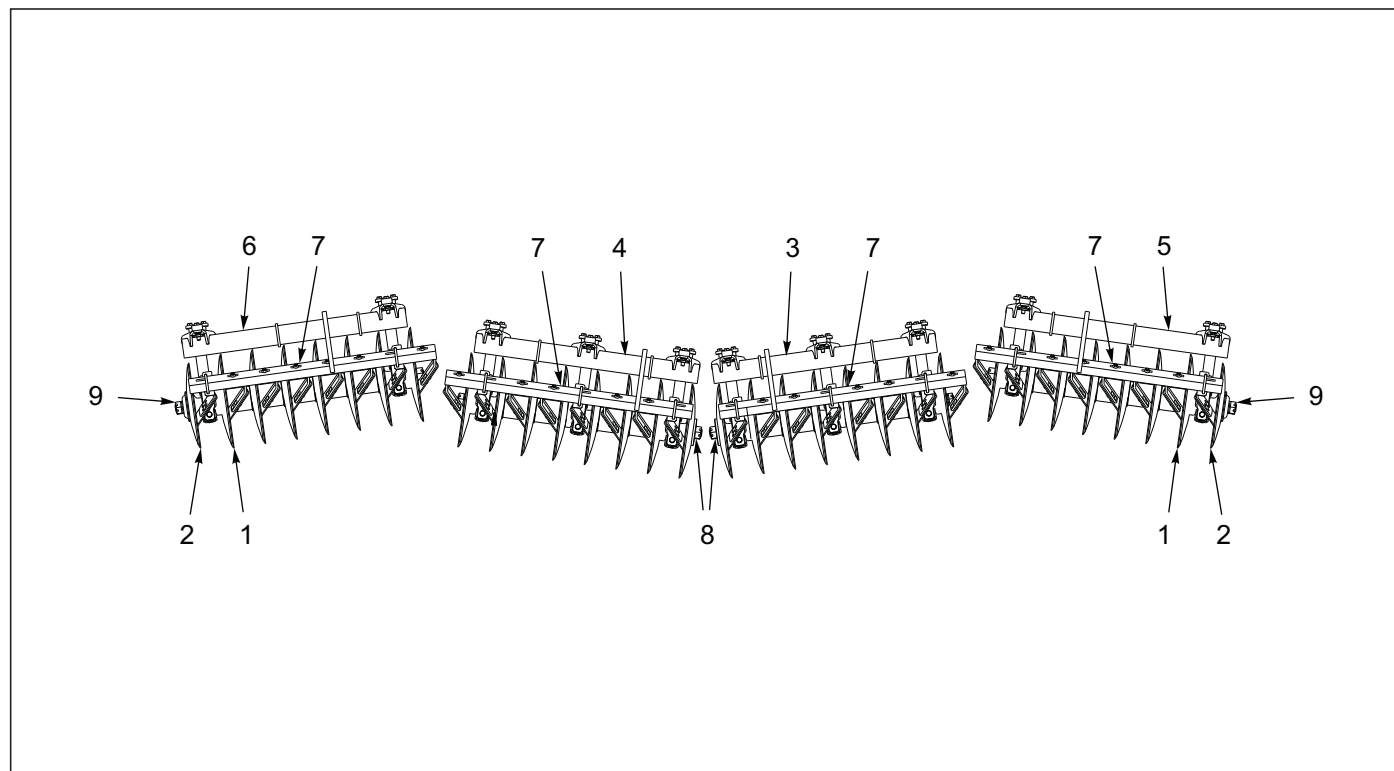


Figure 4-6: Gang Assembly 22" 4 GA 8530-19'

Gang Assembly 22" 4 GA 8530-19'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	179748	GANG ASSEMBLY, 22" 4 GA, 19'	
--	179660	GANG ASSEMBLY, 22" 4 GA, 19, ROLLABLE	
1	155617	DISC BLADE 22" X 1/4" 1-3/4 ID	30
1	155618	DISC BLADE 22" X 1/4" 1-3/4 ID - ROLLABLE (USED W/ 179660)	30
2	155619	DISC BLADE 20" X 1/4" 1-3/4 ID - ROLLABLE	2
3	179730	LIFT, DISC GANG, RCF 19'-25'	1
4	179731	LIFT, DISC GANG, LCF 19'-25'	1
5	179736	LIFT, DISC GANG, RWF 19'	1
6	179737	LIFT, DISC GANG, LWF 19'	1
7	179768	SCRAPER BAR, 7-1/2 SP 8 HOLE	4
8	185640	SHAFT, GANG 58 L	2
9	141163	SHAFT, GANG 59 L	2

Gang Assembly 22" 4 GA 8530-22'

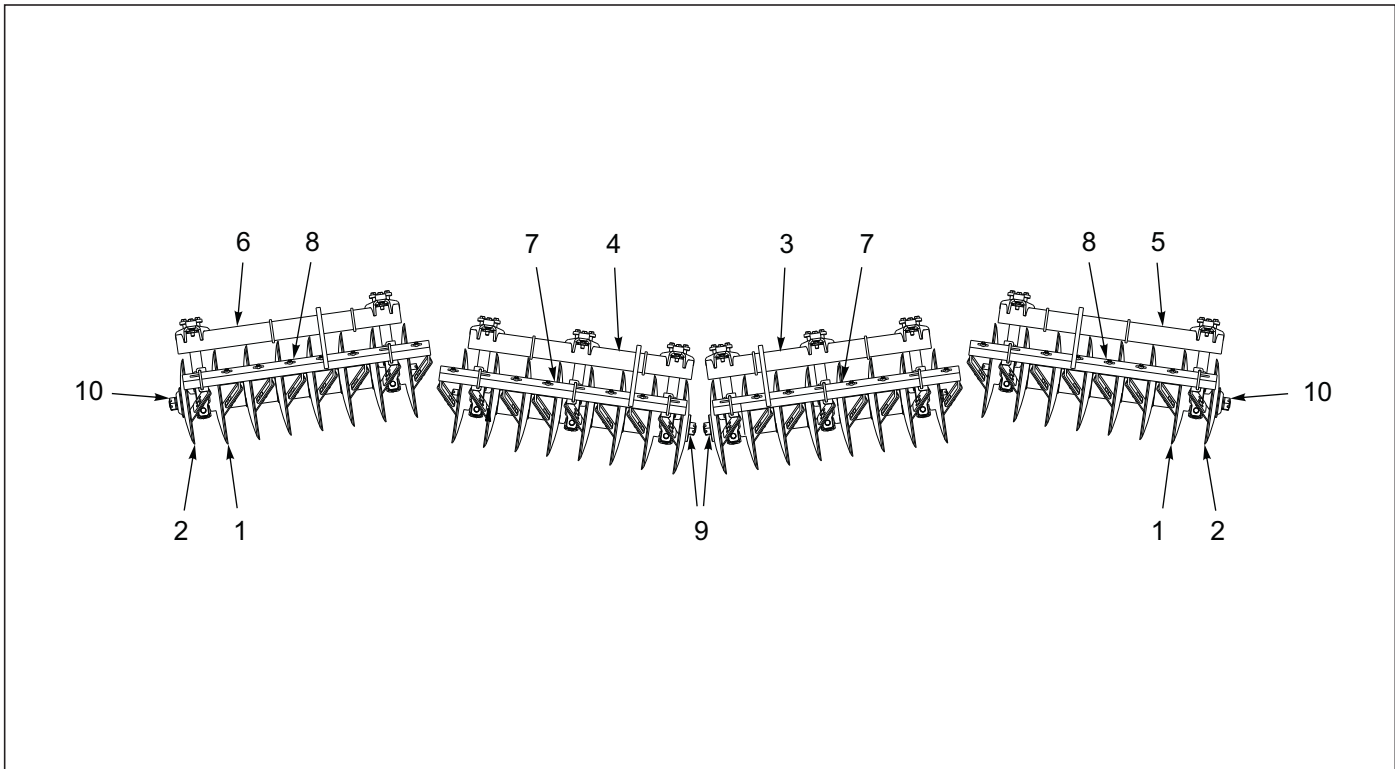


Figure 4-7: Gang Assembly 22" 4 GA 8530-22'

Gang Assembly 22" 4 GA 8530-22'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	179749	GANG ASSEMBLY, 22" 4 GA, 22'	
--	179661	GANG ASSEMBLY, 22" 4 GA, 22', ROLLABLE	
1	155617	DISC BLADE 22" X 1/4" 1-3/4 ID	34
1	155618	DISC BLADE 22" X 1/4" 1-3/4 ID - ROLLABLE (USED W/ 179661)	34
2	155619	DISC BLADE 20" X 1/4" 1-3/4 ID - ROLLABLE	2
3	179730	LIFT, DISC GANG, RCF 19'-25'	1
4	179731	LIFT, DISC GANG, LCF 19'-25'	1
5	179738	LIFT, DISC GANG, RWF 22'	1
6	179739	LIFT, DISC GANG, LWF 22'	1
7	179768	SCRAPER BAR, 7-1/2 SP 8 HOLE	2
8	179770	SCRAPER BAR, 7-1/2 SP 10 HOLE	2
9	185640	SHAFT, GANG 58 L	2
10	145212	SHAFT, GANG 74 L	2

Gang Assembly 22" 4 GA 8530-25'

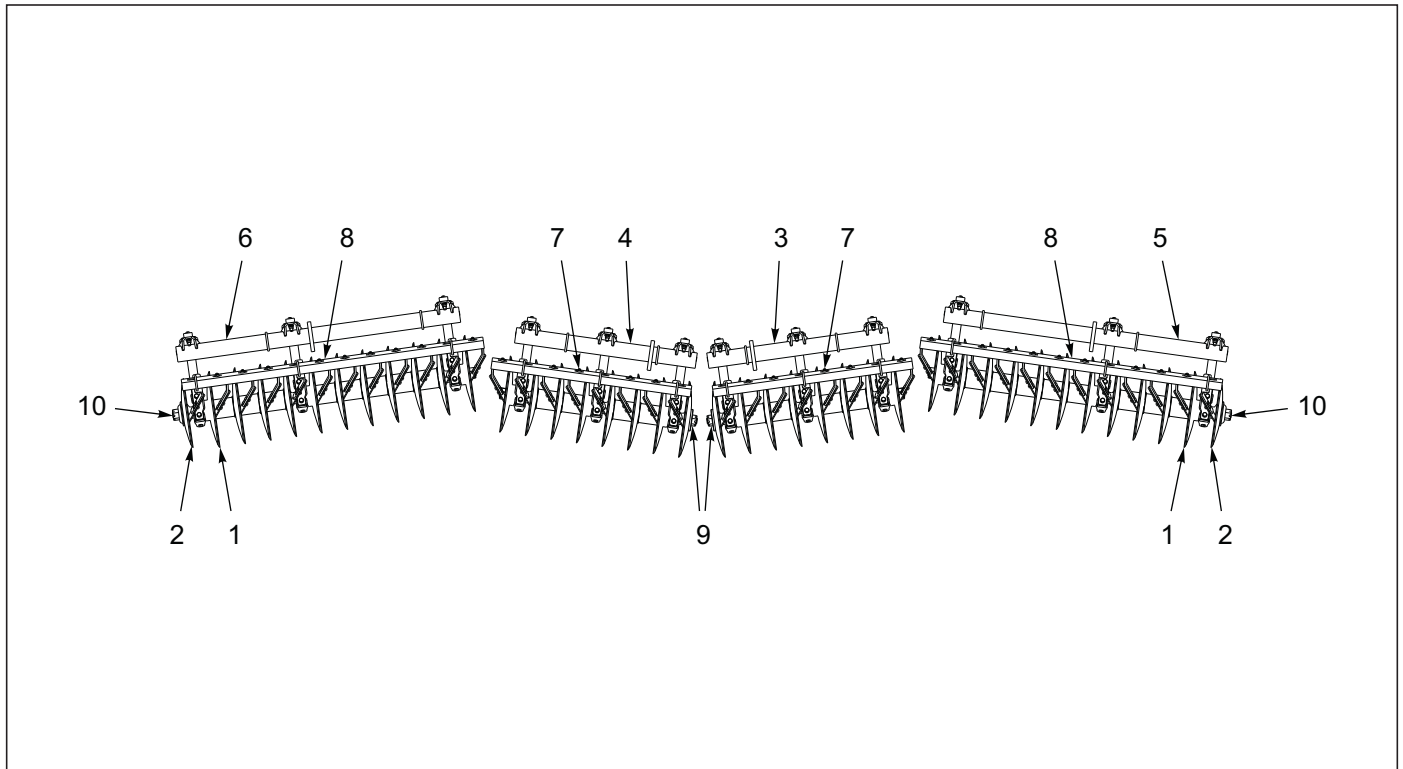


Figure 4-8: Gang Assembly 22" 4 GA 8530-25'

Gang Assembly 22" 4 GA 8530-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	179750	GANG ASSEMBLY, 22" 4 GA, 25'	
--	181888	GANG ASSEMBLY, 22" 4 GA, 25', ROLLABLE	
1	155617	DISC BLADE 22" X 1/4" 1-3/4 ID	38
1	155618	DISC BLADE 22" X 1/4" 1-3/4 ID - ROLLABLE (USED W/ 181888)	38
2	155619	DISC BLADE 20" X 1/4" 1-3/4 ID - ROLLABLE	2
3	179730	LIFT, DISC GANG, RCF 19'-25'	1
4	179731	LIFT, DISC GANG, LCF 19'-25'	1
5	179740	LIFT, DISC GANG, RWF 25'-27'	1
6	179741	LIFT, DISC GANG, LWF 25'-27'	1
7	179768	SCRAPER BAR, 7-1/2 SP 8 HOLE	2
8	179772	SCRAPER BAR, 7-1/2 SP 12 HOLE	2
9	185640	SHAFT, GANG 58 L	2
10	145214	SHAFT, GANG 89 L	2

Gang Assembly 22" 4 GA 8530-27'

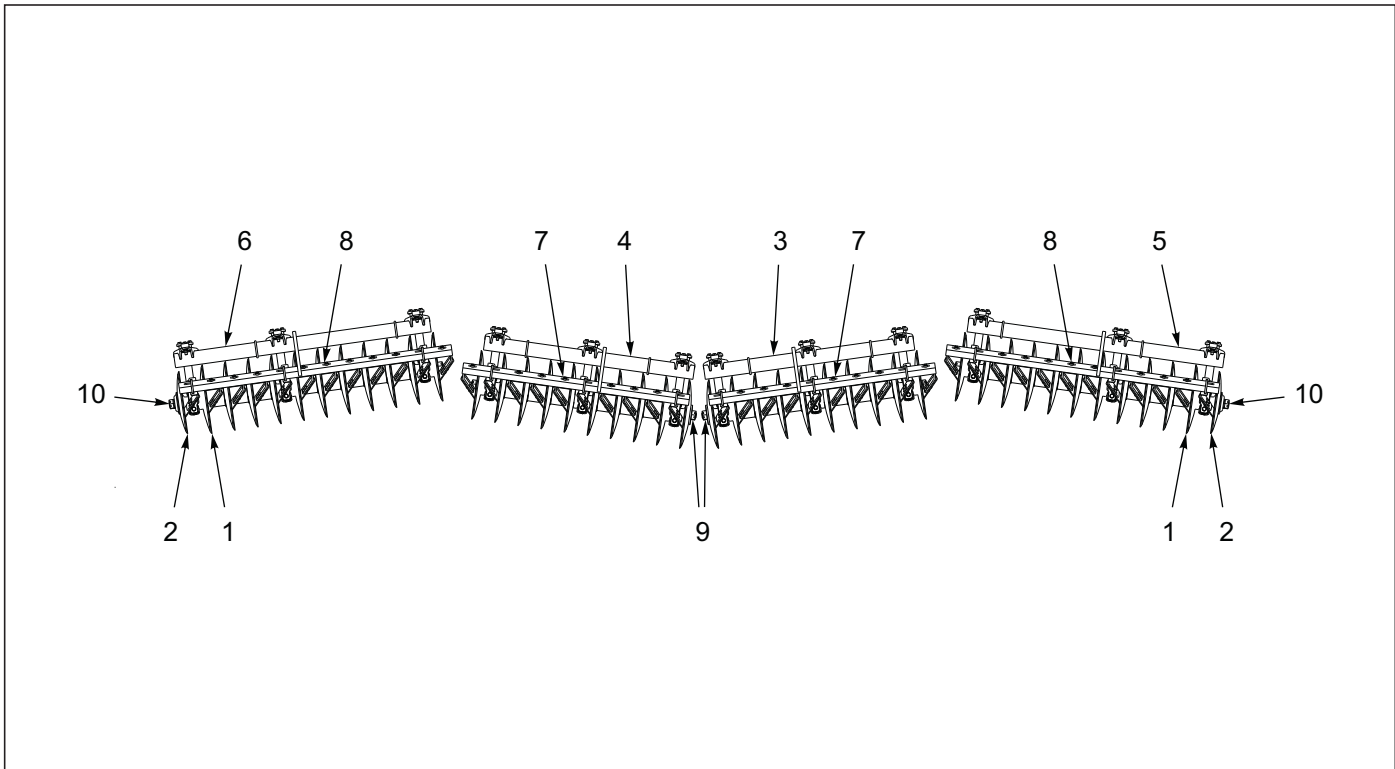


Figure 4-9: Gang Assembly 22" 4 GA 8530-27'

Gang Assembly 22" 4 GA 8530-27'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	179751	GANG ASSEMBLY, 22" 4 GA, 27'	
--	181903	GANG ASSEMBLY, 22" 4 GA, 27', ROLLABLE	
1	155617	DISC BLADE 22" X 1/4" 1-3/4 ID	42
1	155618	DISC BLADE 22" X 1/4" 1-3/4 ID - ROLLABLE (USED W/ 181903)	42
2	155619	DISC BLADE 20" X 1/4" 1-3/4 ID - ROLLABLE	2
3	179732	LIFT, DISC GANG, RCF 27'-30'	1
4	179733	LIFT, DISC GANG, LCF 27'-30'	1
5	179740	LIFT, DISC GANG, RWF 25'-27'	1
6	179741	LIFT, DISC GANG, LWF 25'-27'	1
7	179770	SCRAPER BAR, 7-1/2 SP 10 HOLE	2
8	179772	SCRAPER BAR, 7-1/2 SP 12 HOLE	2
9	183882	SHAFT, GANG 73 L	2
10	145214	SHAFT, GANG 89 L	2

Gang Assembly 22" 4 GA 8530-30'

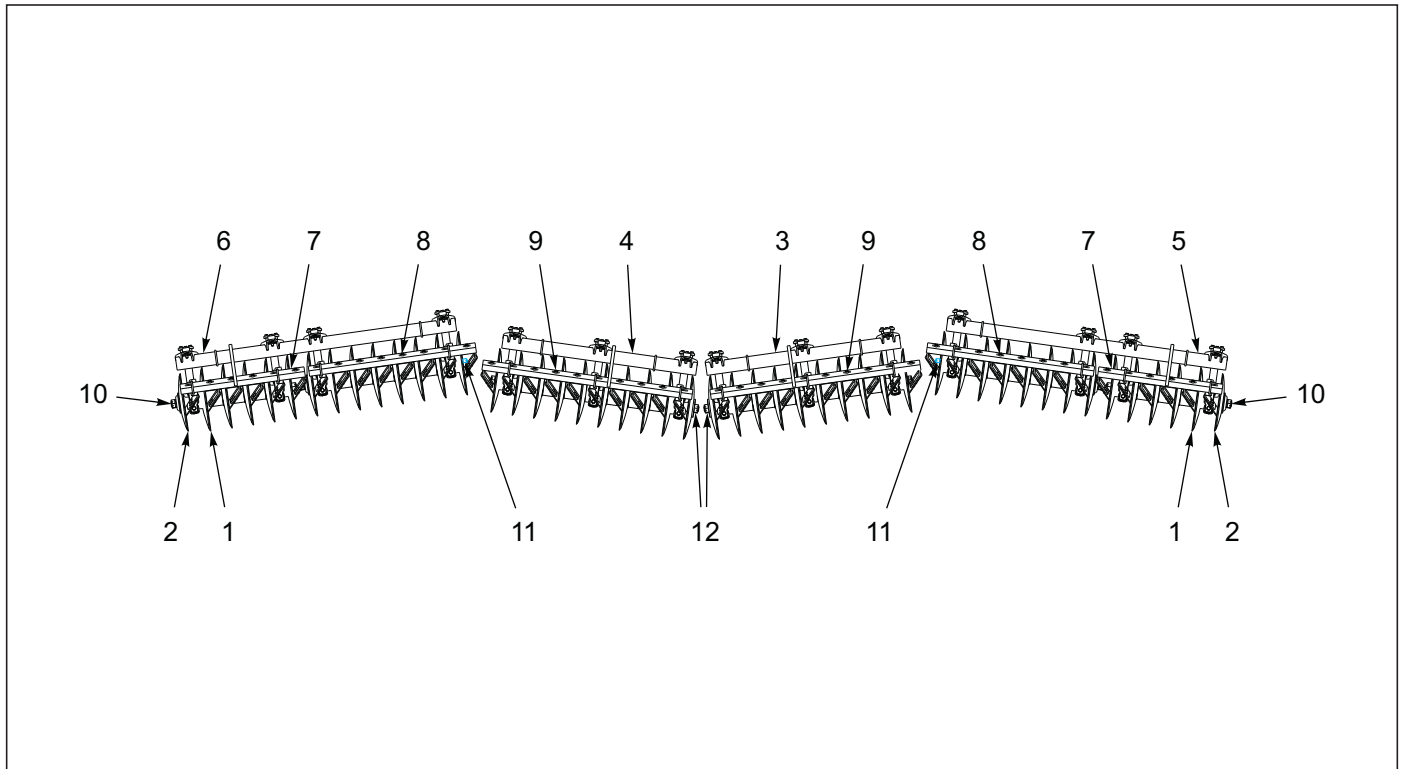


Figure 4-10: Gang Assembly 22" 4 GA 8530-30'

Gang Assembly 22" 4 GA 8530-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	179752	GANG ASSEMBLY, 22" 4 GA, 30'	
--	181910	GANG ASSEMBLY, 22" 4 GA, 30', ROLLABLE	
1	155617	DISC BLADE 22" X 1/4" 1-3/4 ID	46
1	155618	DISC BLADE 22" X 1/4" 1-3/4 ID - ROLLABLE (USED W/ 181910)	46
2	155619	DISC BLADE 20" X 1/4" 1-3/4 ID - ROLLABLE	2
3	179732	LIFT, DISC GANG, RCF 27'-30'	1
4	179733	LIFT, DISC GANG, LCF 27'-30'	1
5	179742	LIFT, DISC GANG, RWF 27'-30'	1
6	179743	LIFT, DISC GANG, LWF 27'-30'	1
7	179766	SCRAPER BAR, 7-1/2 SP 6 HOLE	2
8	179768	SCRAPER BAR, 7-1/2 SP 8 HOLE	2
9	179770	SCRAPER BAR, 7-1/2 SP 10 HOLE	2
10	145208	SHAFT, GANG 44 L	2
11	141163	SHAFT, GANG 59 L	2
12	183882	SHAFT, GANG 73 L	2

Gang Assembly 22" 4 GA 8530-33'

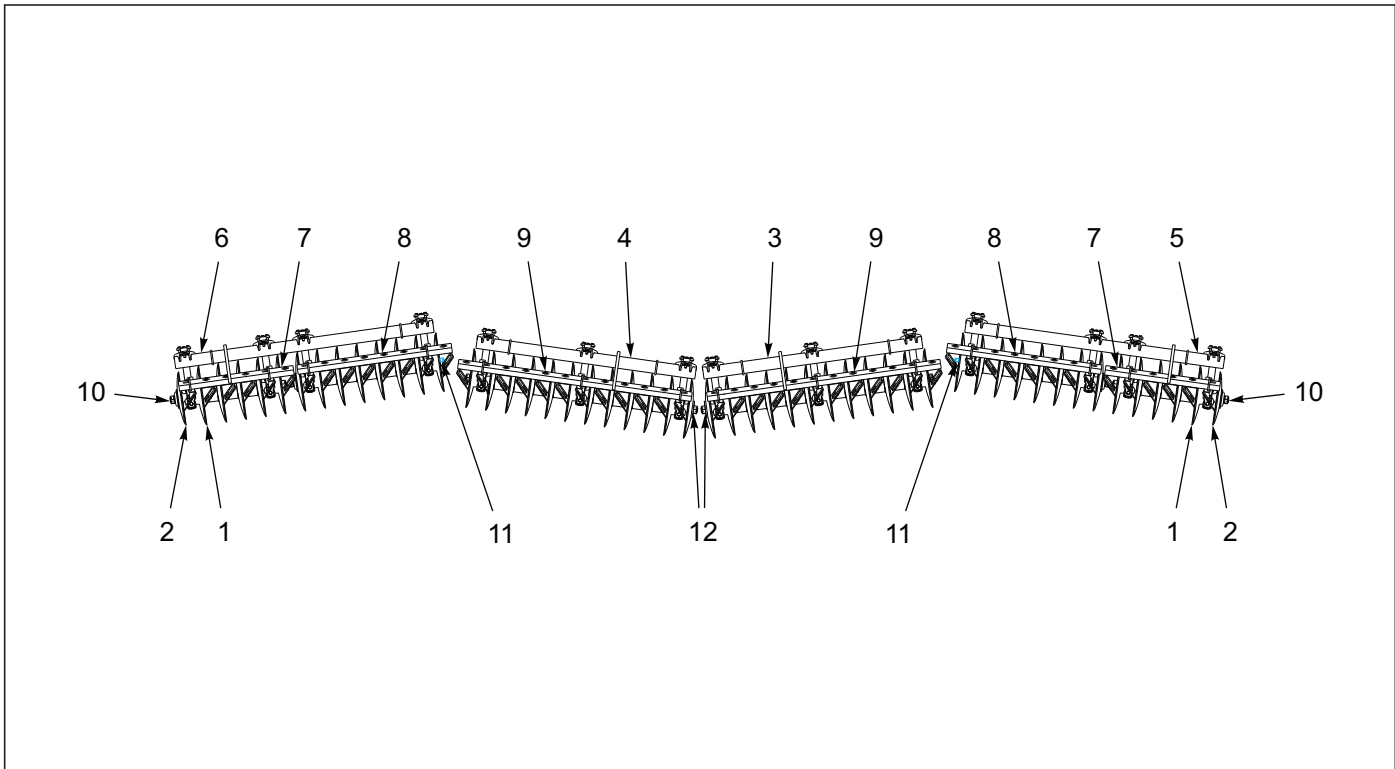


Figure 4-11: Gang Assembly 22" 4 GA 8530-33'

Gang Assembly 22" 4 GA 8530-33'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	179753	GANG ASSEMBLY, 22" 4 GA, 33'	
--	181917	GANG ASSEMBLY, 22" 4 GA, 33', ROLLABLE	
1	155617	DISC BLADE 22" X 1/4" 1-3/4 ID	50
1	155618	DISC BLADE 22" X 1/4" 1-3/4 ID - ROLLABLE (USED W/ 181917)	50
2	155619	DISC BLADE 20" X 1/4" 1-3/4 ID - ROLLABLE	2
3	179734	LIFT, DISC GANG, RCF 33'-35'	1
4	179735	LIFT, DISC GANG, LCF 33'-35'	1
5	179742	LIFT, DISC GANG, RWF 27', 30', 33'	1
6	179743	LIFT, DISC GANG, LWF 27', 30', 33'	1
7	179766	SCRAPER BAR, 7-1/2 SP 6 HOLE	2
8	179768	SCRAPER BAR, 7-1/2 SP 8 HOLE	2
9	179772	SCRAPER BAR, 7-1/2 SP 12 HOLE	2
10	145208	SHAFT, GANG 44 L	2
11	141163	SHAFT, GANG 59 L	2
12	182403	SHAFT, GANG 88 L	2

Gang Assembly 22" 4 GA 8530-35'

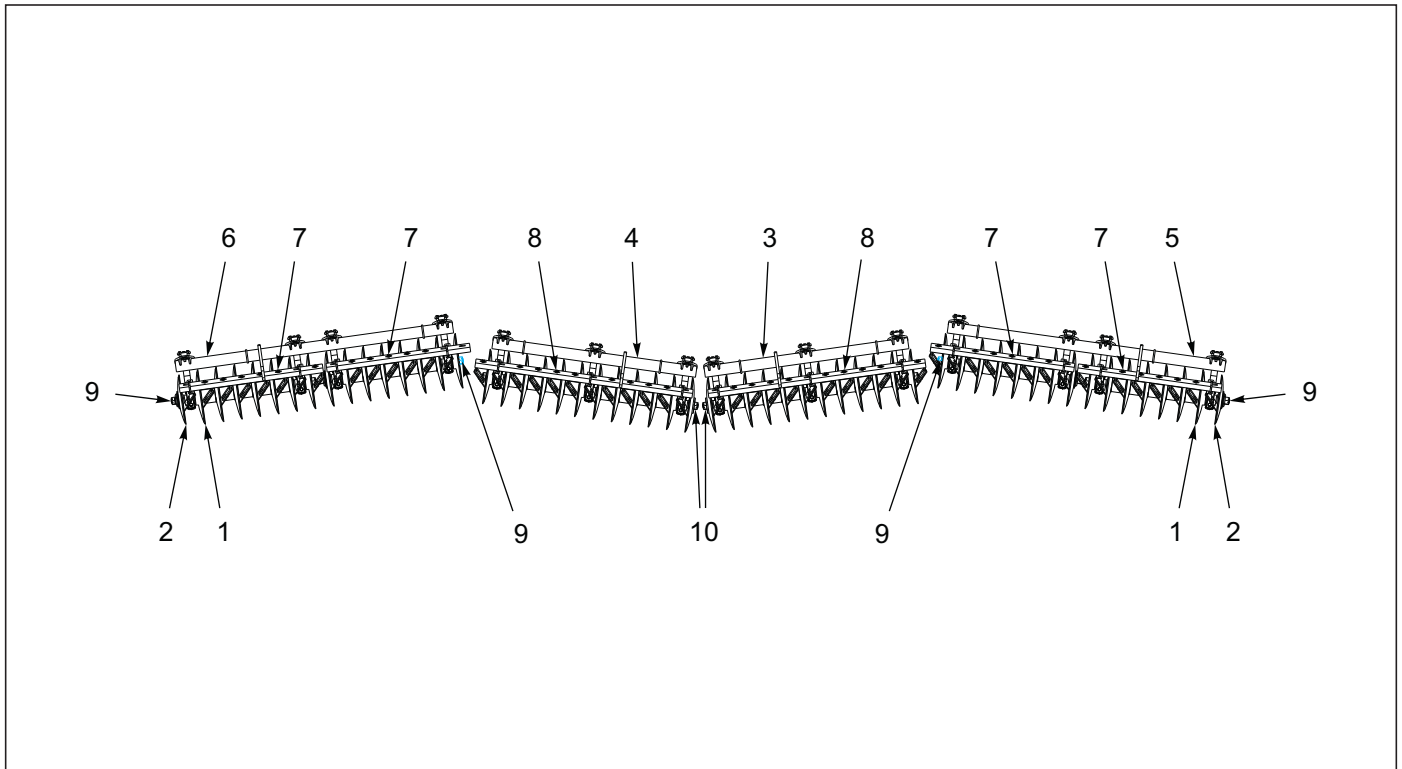


Figure 4-12: Gang Assembly 22" 4 GA 8530-35'

Gang Assembly 22" 4 GA 8530-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	179755	GANG ASSEMBLY, 22" 4 GA, 35'	
--	181928	GANG ASSEMBLY, 22" 4 GA, 35', ROLLABLE	
1	155617	DISC BLADE 22" X 1/4" 1-3/4 ID	54
1	155618	DISC BLADE 22" X 1/4" 1-3/4 ID - ROLLABLE (USED W/ 181928)	54
2	155619	DISC BLADE 20" X 1/4" 1-3/4 ID - ROLLABLE	2
3	179734	LIFT, DISC GANG, RCF 33'-35'	1
4	179735	LIFT, DISC GANG, LCF 33'-35'	1
5	179744	LIFT, DISC GANG, RWF 35'	1
6	179745	LIFT, DISC GANG, LWF 35'	1
7	179768	SCRAPER BAR, 7-1/2 SP 8 HOLE	4
8	179772	SCRAPER BAR, 7-1/2 SP 12 HOLE	2
9	141163	SHAFT, GANG 59 L	4
10	182403	SHAFT, GANG 88 L	2

Disc Gang Reel Assembly 8530-19'

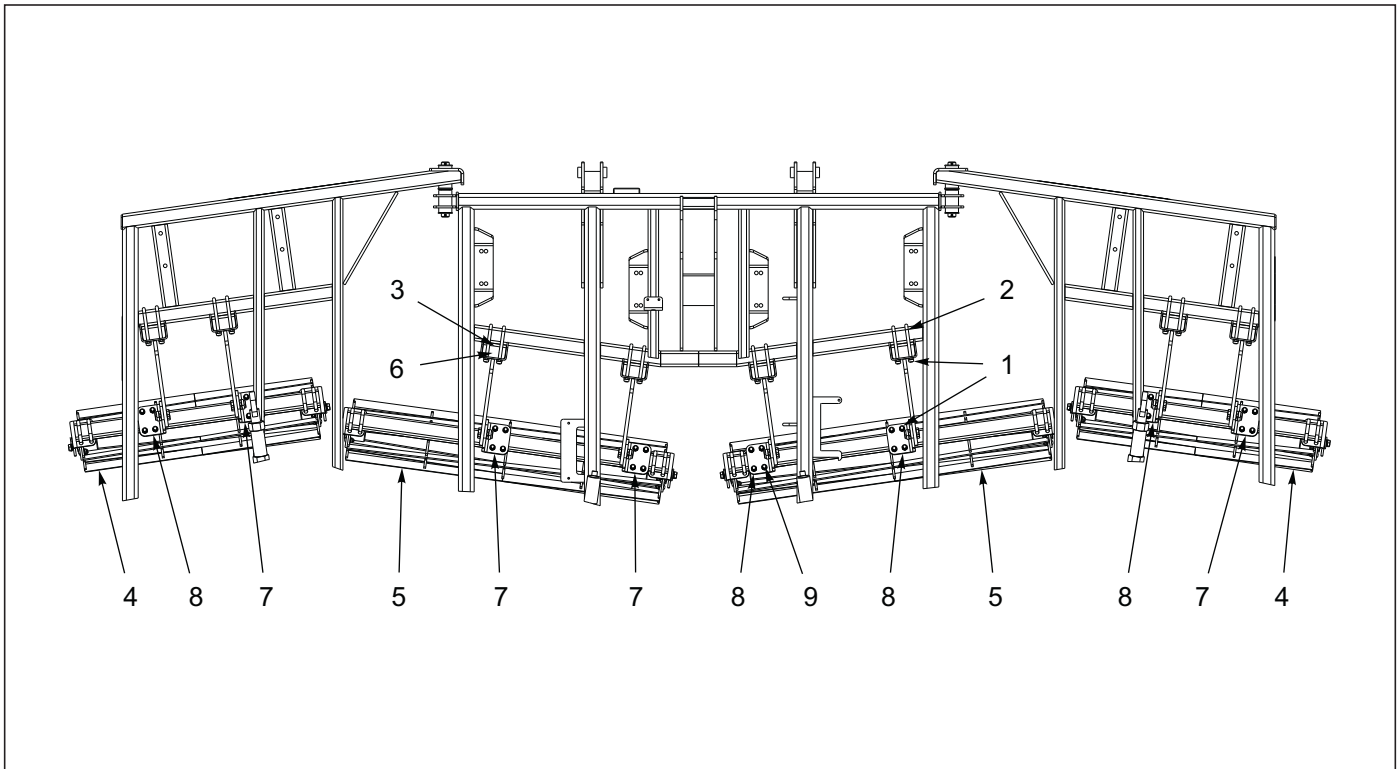


Figure 4-13: Disc Gang Reel Assembly 8530-19'

Disc Gang Reel Assembly 8530-19'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	186153	REEL ASSY, DISC GANG 19	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	64
2	181363	U-BOLT 5/8-11X5-11/16X6-3/4	16
3	184713	SPRING, TORSION 1-3/4	8
4	203183	REEL ASSY 12 DIA X 45" (SEE PAGE 4-23)	2
5	203184	REEL ASSY 12 DIA X 60" (SEE PAGE 4-23)	2
6	203007	RETAINER SPRING	8
7	203072	REEL ARM ASSY RH (SEE PAGE 4-22)	4
8	203073	REEL ARM ASSY LH (SEE PAGE 4-22)	4
9	8-102-010012	U BOLT	16

Disc Gang Reel Assembly 8530-22'

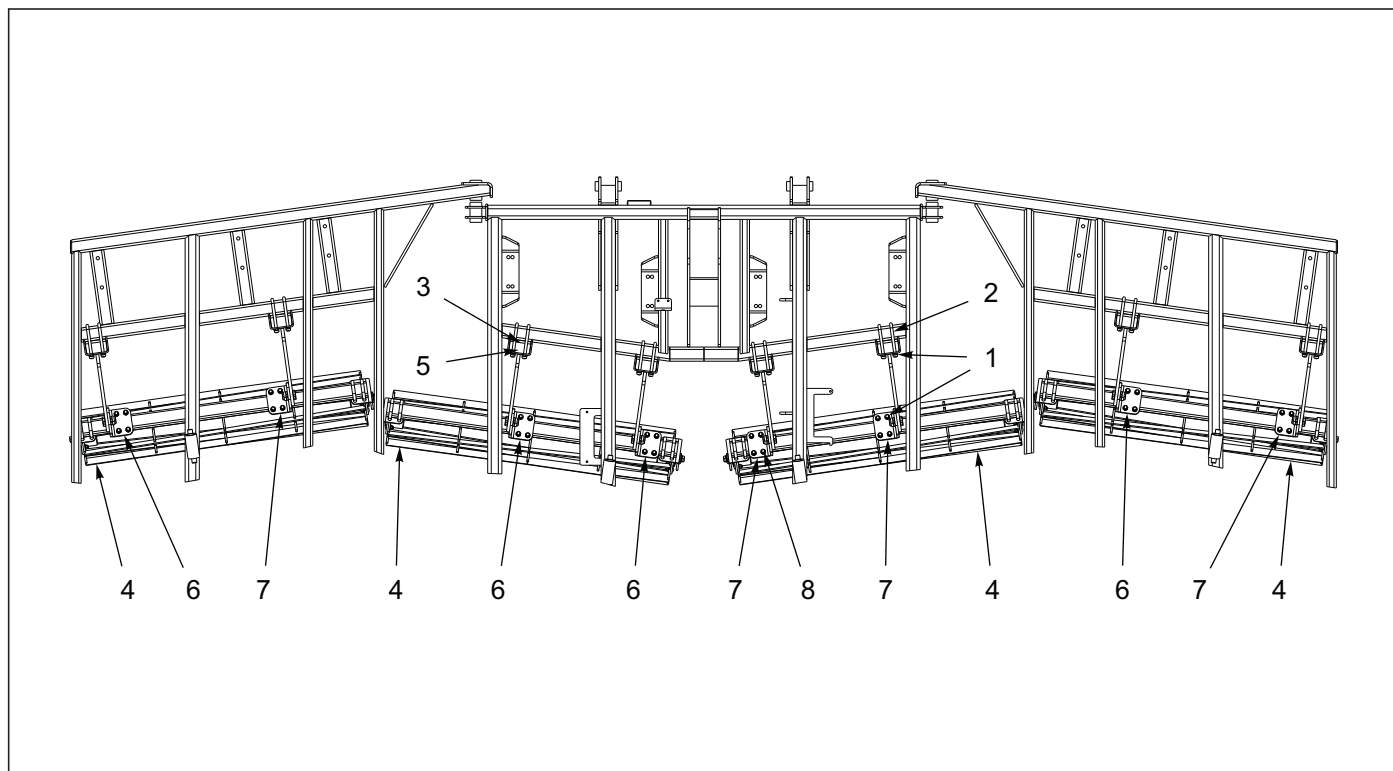


Figure 4-14: Disc Gang Reel Assembly 8530-22'

Disc Gang Reel Assembly 8530-22'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	186154	REEL ASSY, DISC GANG 22	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	64
2	181363	U-BOLT 5/8-11X5-11/16X6-3/4	16
3	184713	SPRING, TORSION 1-3/4	8
4	203184	REEL ASSY 12 DIA X 60" (SEE PAGE 4-23)	4
5	203007	RETAINER SPRING	8
6	203072	REEL ARM ASSY RH (SEE PAGE 4-22)	4
7	203073	REEL ARM ASSY LH (SEE PAGE 4-22)	4
8	8-102-010012	U BOLT	16

Disc Gang Reel Assembly 8530-25'

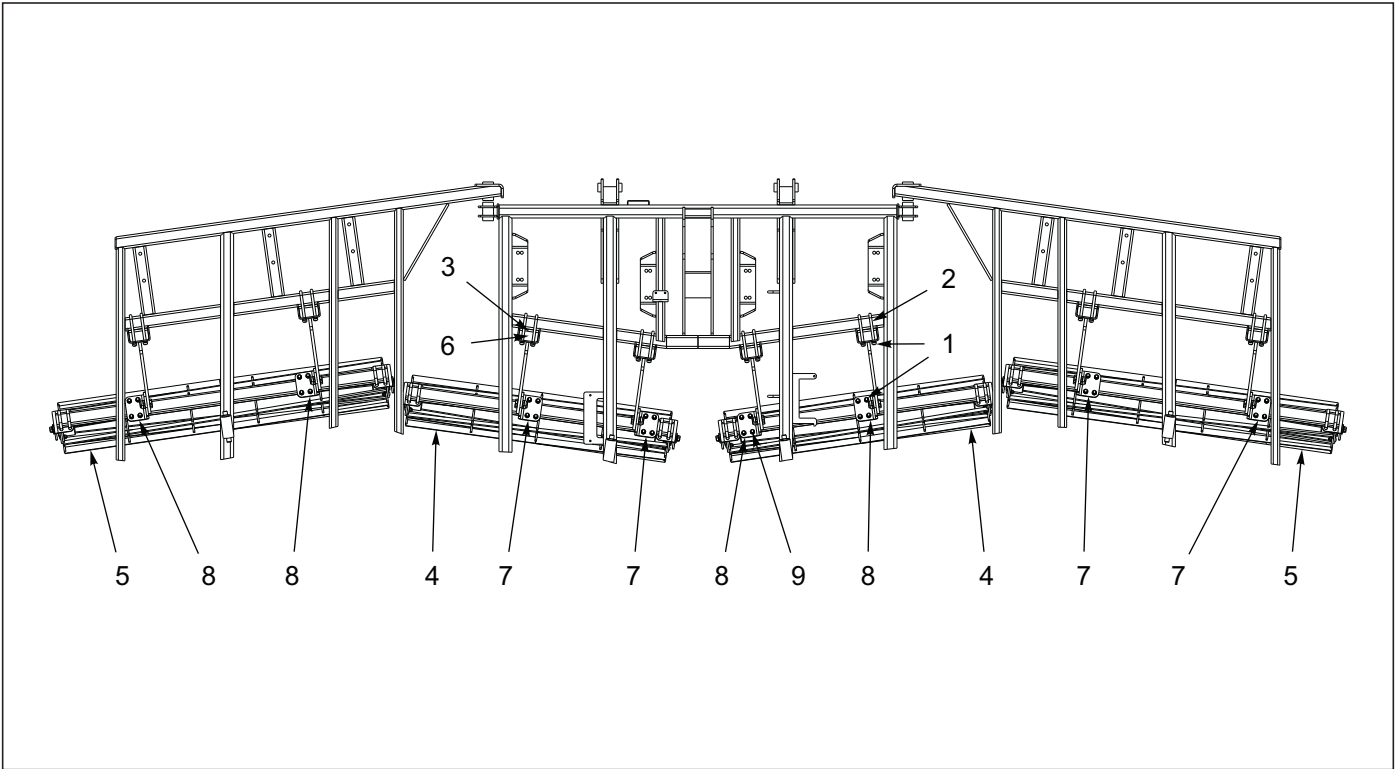


Figure 4-15: Disc Gang Reel Assembly 8530-25'

Disc Gang Reel Assembly 8530-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	186155	REEL ASSY, DISC GANG 25	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	64
2	181363	U-BOLT 5/8-11X5-11/16X6-3/4	16
3	184713	SPRING, TORSION 1-3/4	8
4	203184	REEL ASSY 12 DIA X 60" (SEE PAGE 4-23)	2
5	203185	REEL ASSY 12 DIA X 75" (SEE PAGE 4-23)	2
6	203007	RETAINER SPRING	8
7	203072	REEL ARM ASSY RH (SEE PAGE 4-22)	4
8	203073	REEL ARM ASSY LH (SEE PAGE 4-22)	4
9	8-102-010012	U BOLT	16

Disc Gang Reel Assembly 8530-27'

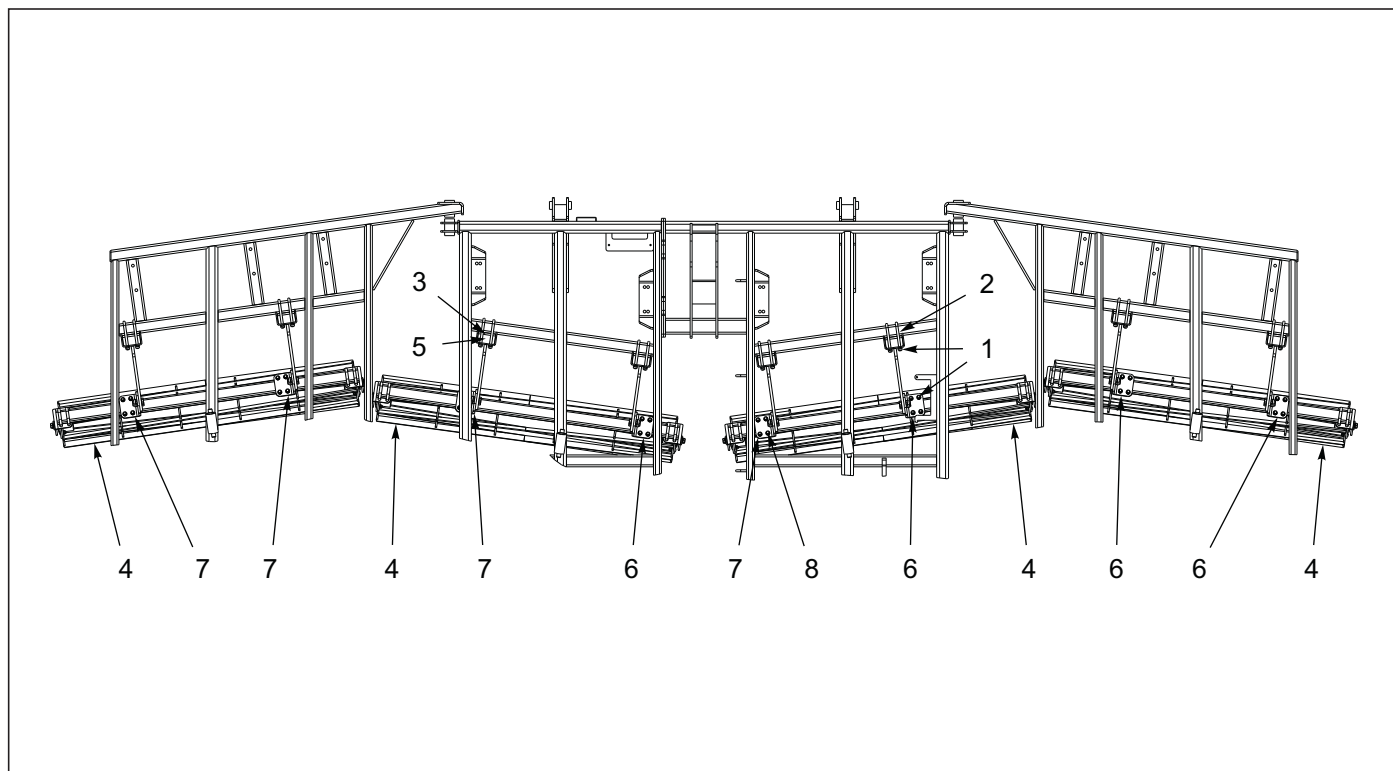


Figure 4-16: Disc Gang Reel Assembly 8530-27'

Disc Gang Reel Assembly 8530-27'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	186156	REEL ASSY, DISC GANG 27	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	64
2	181363	U-BOLT 5/8-11X5-11/16X6-3/4	16
3	184713	SPRING, TORSION 1-3/4	8
4	203185	REEL ASSY 12 DIA X 75" (SEE PAGE 4-23)	4
5	203007	RETAINER SPRING	8
6	203072	REEL ARM ASSY RH (SEE PAGE 4-22)	4
7	203073	REEL ARM ASSY LH (SEE PAGE 4-22)	4
8	8-102-010012	U BOLT	16

Disc Gang Reel Assembly 8530-30'

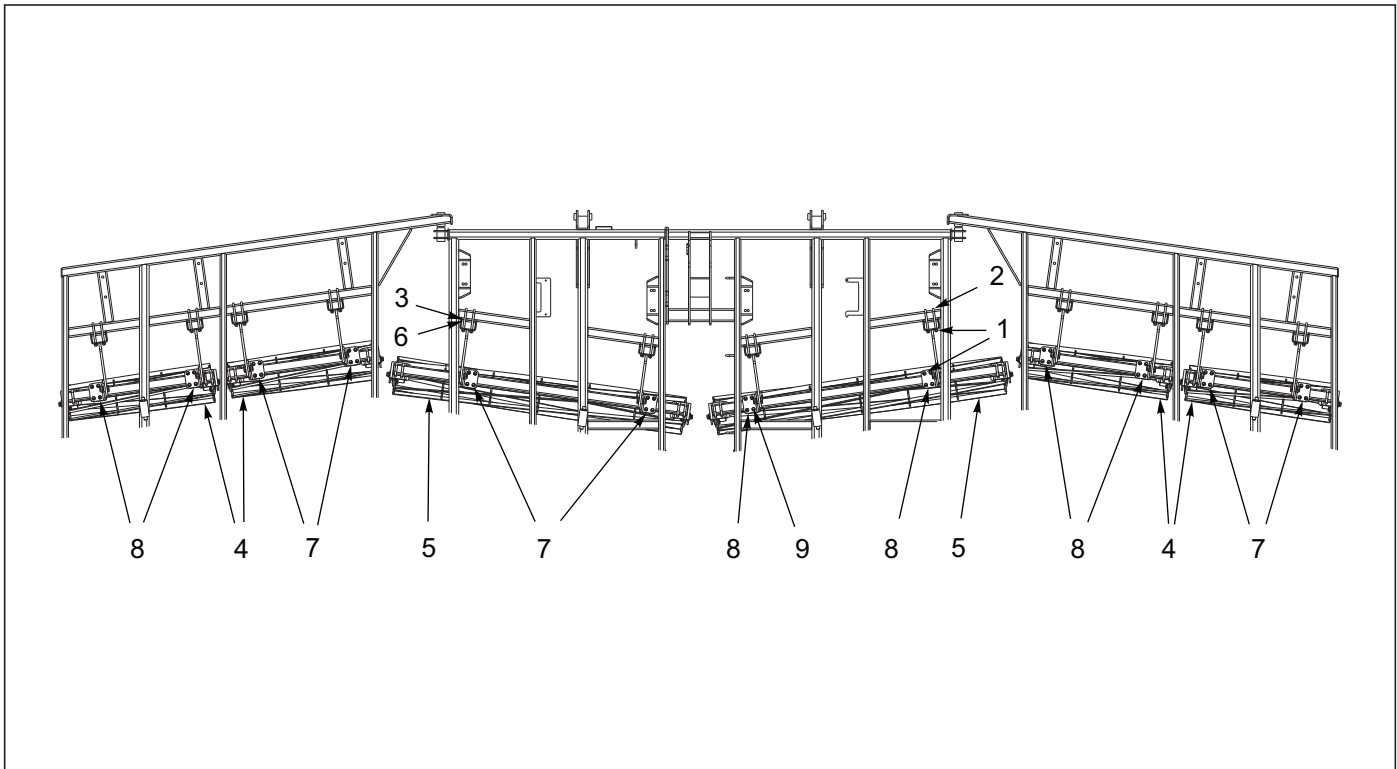


Figure 4-17: Disc Gang Reel Assembly 8530-30'

Disc Gang Reel Assembly 8530-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	186157	REEL ASSY, DISC GANG 30	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	96
2	181363	U-BOLT 5/8-11X5-11/16X6-3/4	24
3	184713	SPRING, TORSION 1-3/4	12
4	203183	REEL ASSY 12 DIA X 45" (SEE PAGE 4-23)	4
5	203185	REEL ASSY 12 DIA X 75" (SEE PAGE 4-23)	2
6	203007	RETAINER SPRING	12
7	203072	REEL ARM ASSY RH (SEE PAGE 4-22)	6
8	203073	REEL ARM ASSY LH (SEE PAGE 4-22)	6
9	8-102-010012	U BOLT	24

Disc Gang Reel Assembly 8530-33'

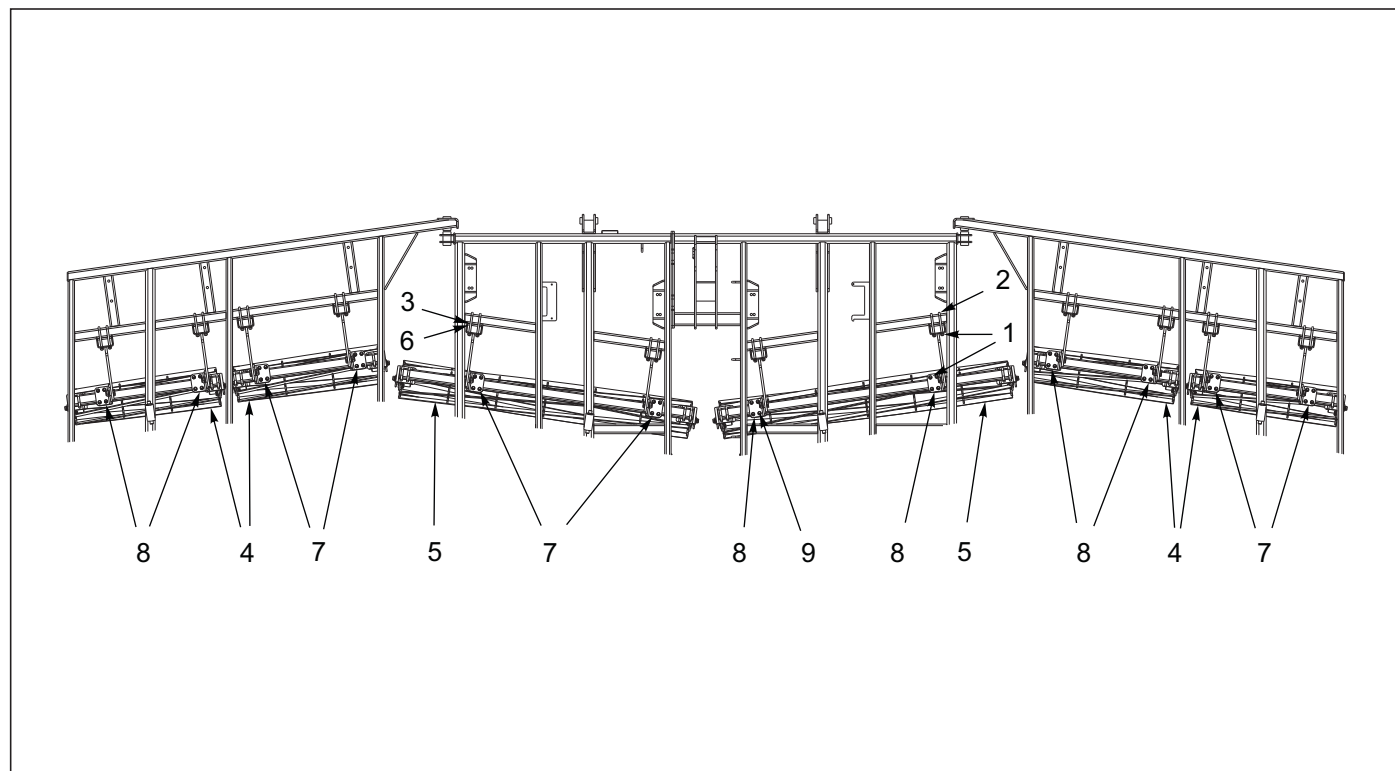


Figure 4-18: Disc Gang Reel Assembly 8530-33'

Disc Gang Reel Assembly 8530-33'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	186158	REEL ASSY, DISC GANG 33	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	96
2	181363	U-BOLT 5/8-11X5-11/16X6-3/4	24
3	184713	SPRING, TORSION 1-3/4	12
4	203183	REEL ASSY 12 DIA X 45" (SEE PAGE 4-23)	4
5	203186	REEL ASSY 12 DIA X 90" (SEE PAGE 4-23)	2
6	203007	RETAINER SPRING	12
7	203072	REEL ARM ASSY RH (SEE PAGE 4-22)	6
8	203073	REEL ARM ASSY LH (SEE PAGE 4-22)	6
9	8-102-010012	U BOLT	24

Disc Gang Reel Assembly 8530-35'

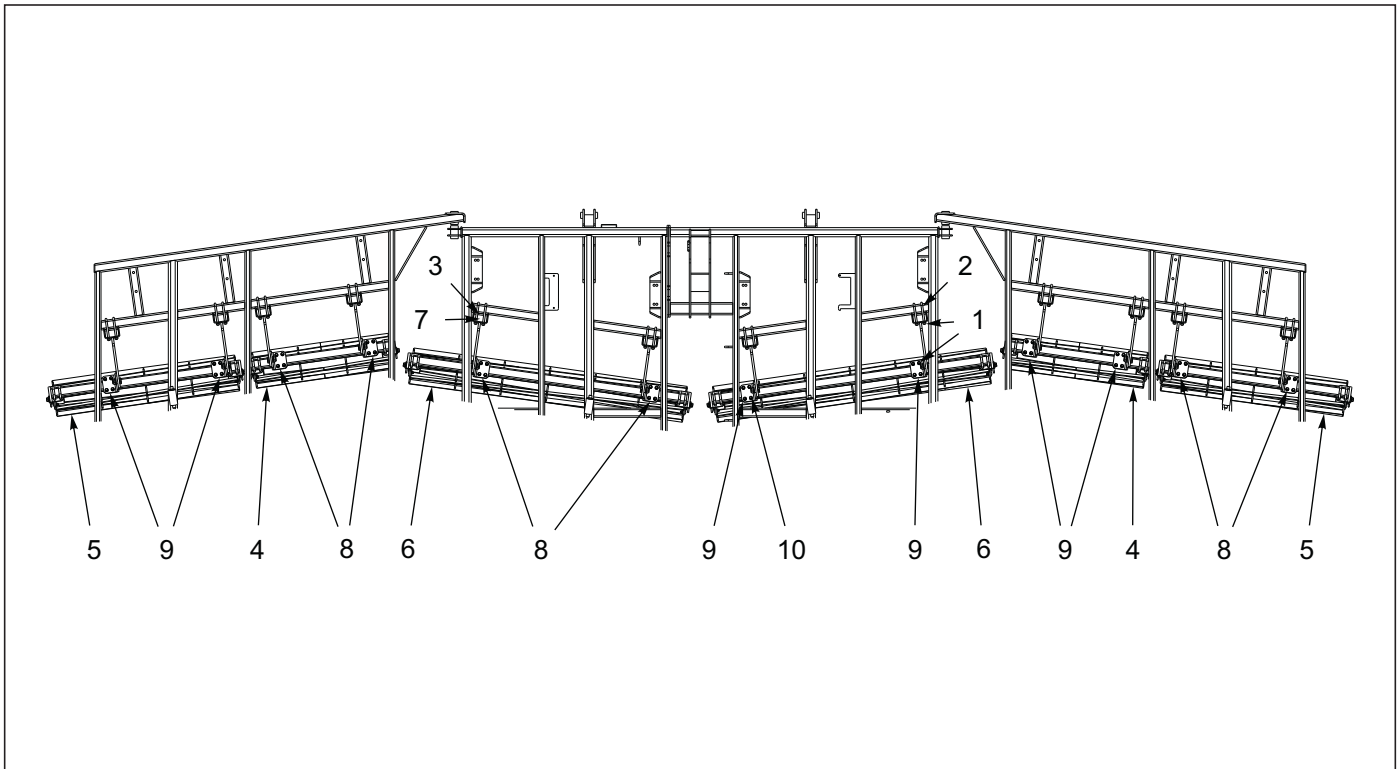


Figure 4-19: Disc Gang Reel Assembly 8530-35'

Disc Gang Reel Assembly 8530-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	186159	REEL ASSY, DISC GANG 35	
1	1-512-010005-13	NUT, HEX SLFLKG GRB 5/8-11	96
2	181363	U-BOLT 5/8-11X5-11/16X6-3/4	24
3	184713	SPRING, TORSION 1-3/4	12
4	203183	REEL ASSY 12 DIA X 45" (SEE PAGE 4-23)	2
5	203184	REEL ASSY 12 DIA X 60" (SEE PAGE 4-23)	2
6	203186	REEL ASSY 12 DIA X 90" (SEE PAGE 4-23)	2
7	203007	RETAINER SPRING	12
8	203072	REEL ARM ASSY RH (SEE PAGE 4-22)	6
9	203073	REEL ARM ASSY LH (SEE PAGE 4-22)	6
10	8-102-010012	U BOLT	24

Disc Gang Reel Arm Assembly

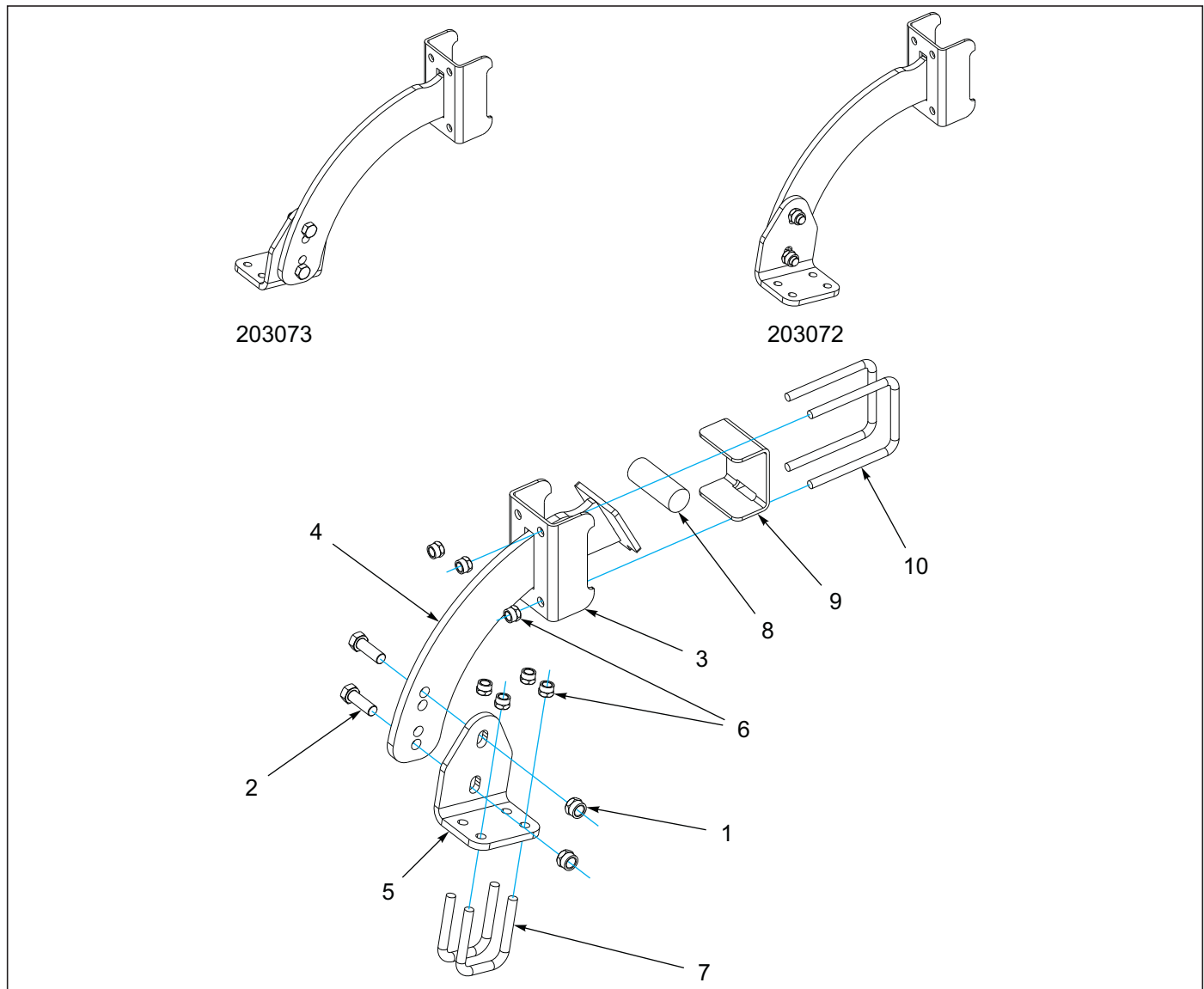


Figure 4-20: Disc Gang Reel Arm Assembly

Disc Gang Reel Arm Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	203072	REEL ARM ASSY RH	
--	203073	REEL ARM ASSY LH	
1	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	2
2	1-654-010061-06	SCREW,HXCP,3/4-10UNCX2-1/4GR5	2
3	203006	MOUNT REEL ARM	1
4	203008	ARM WLDMT, REEL	1
5	203011	MOUNT REEL	1
6	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	8
7	8-102-010012	U BOLT	2
8	184713	SPRING, TORSION 1-3/4	1
9	203007	RETAINER SPRING	1
10	181363	U-BOLT 5/8-11X5-11/16X6-3/4	2

Reel Assembly

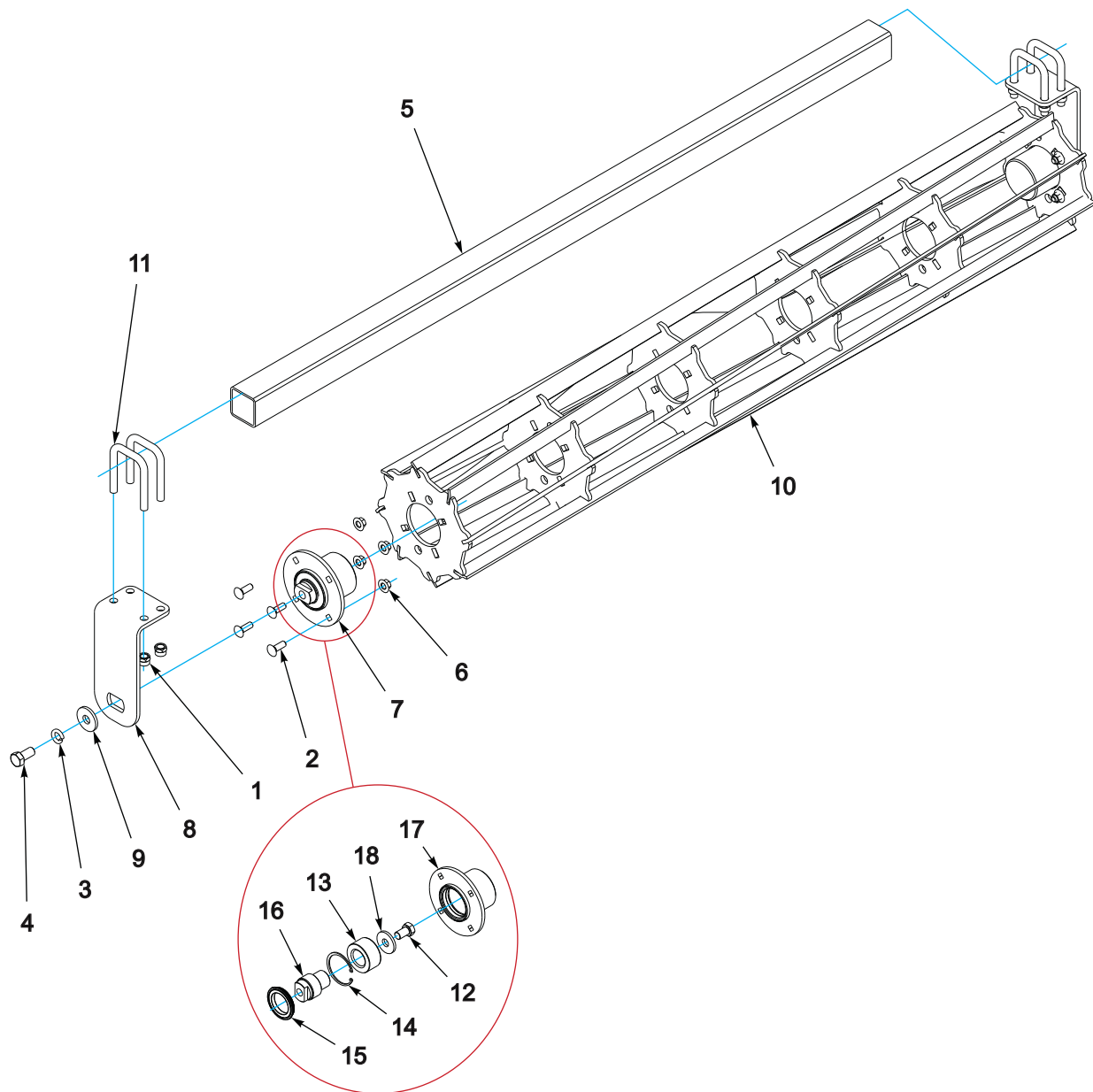


Figure 4-21: Reel Assembly

Reel Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	203183	REEL ASSY 12 DIA X 45"	
--	203184	REEL ASSY 12 DIA X 60"	
--	203185	REEL ASSY 12 DIA X 75"	
--	203186	REEL ASSY 12 DIA X 90"	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	8
2	1-654-010070-03	SCREW RDHD SQNK1/2-13X1-1/2	8
3	1-861-010034-17	WASHER,LKG,HLCL SPR,3/4	2
4	108705	SCREW,HEXCAP,3/4-10X1-1/2 GR8	2
5	166339	GANG BAR REEL 47 L (USED WITH 203183)	1
5	166340	GANG BAR REEL 62 L (USED WITH 203184)	1
5	166341	GANG BAR REEL 77 L (USED WITH 203185)	1
5	166342	GANG BAR REEL 92 L (USED WITH 203186)	1
6	172509	NUT,1/2-13 WIDE FLNG TOP LCK F	8
7	200222	HUB ASSY REEL	2
8	200238	BEARING MOUNT, REEL	2
9	200259	WASHER, 3/4 HEAVY - 2-1/4	2
10	200295	REEL, 12" DIA X 45" FLAT WLDMT (USED WITH 193547)	1
10	200296	REEL, 12" DIA X 60" FLAT WLDMT (USED WITH 193548)	1
10	200297	REEL, 12" DIA X 75" FLAT WLDMT (USED WITH 193549)	1
10	200298	REEL, 12" DIA X 90" FLAT WLDMT (USED WITH 193550)	1
11	8-102-010012	U BOLT	4
12	129263	SCREW HEX CAP 3/4-10 X 1-1/4	1
13	174526	BEARING, DOUBLE TAPER RLLR	1
14	174532	INTERNAL SNAP RING	1
15	185757	SEAL, MAINT FREE HUB HSL	1
16	200218	SPINDLE REEL BEARING	1
17	200221	HUB WLDMT REEL	1
18	200259	WASHER, 3/4 HEAVY - 2-1/4	1

Shank Assemblies

Spring Shank Assembly

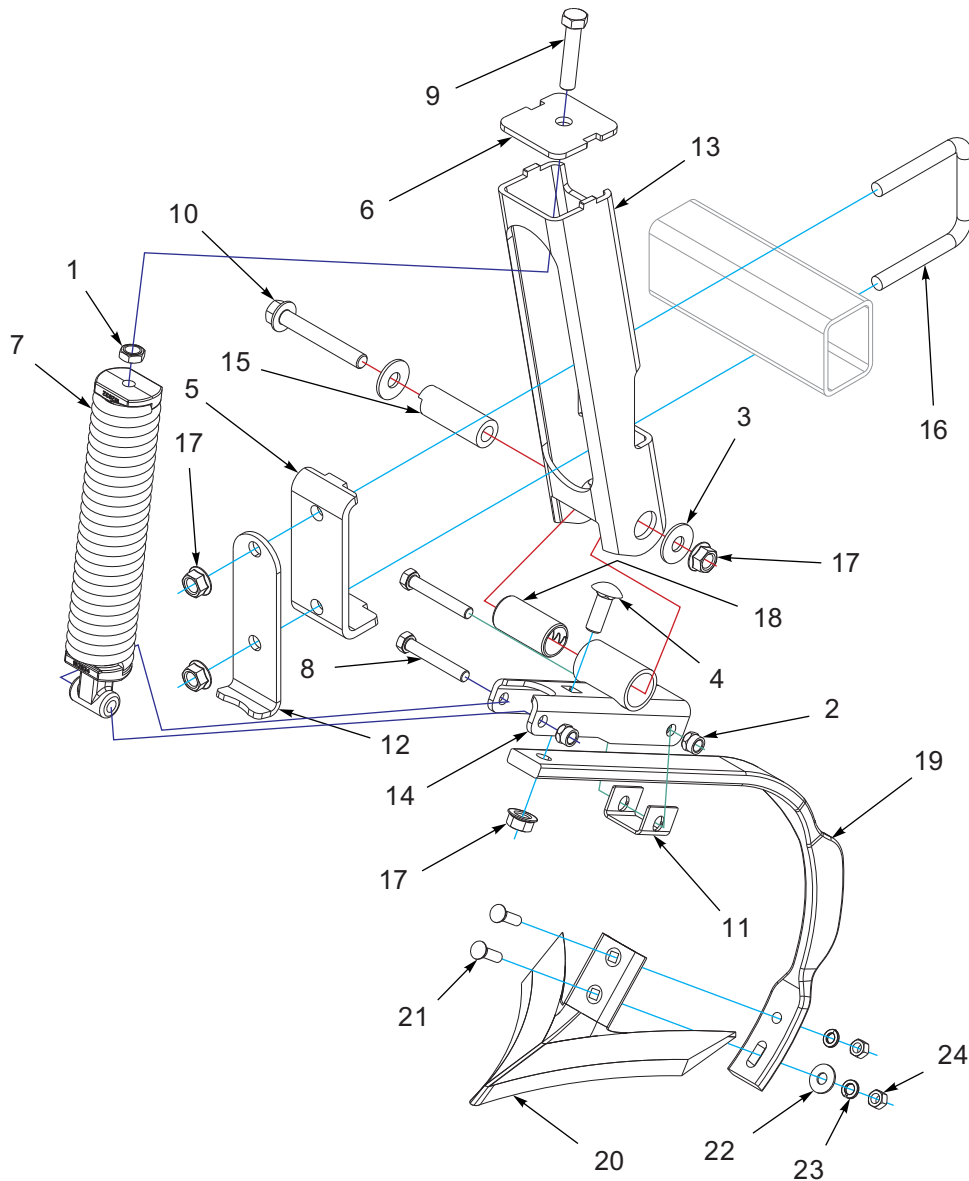


Figure 5-1: Spring Shank Assembly

Spring Shank Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	172670	SHANK ASSY, SPRING (INCLUDES ITEMS 1-18)	
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	162904	CLAMP, SHANK MOUNT	1
6	162906	PLATE, SPRING	1
7	162930	SPRING ASSY	1
8	164146	SCREW, HEX CAP 1/2-13X3-1/4	2
9	164147	SCREW HX CAP5/8-11X3 2-1/2THD	1
10	164192	SCREW 5/8-11UNCX4-1/2 FLG HD	1
11	166160	CLAMP, SHANK	1
12	172662	STOP, SPRING SHANK	1
13	172666	MOUNT, SHANK	1
14	172667	CLAMP, SHANK (INCLUDES ITEMS 18)	1
15	172671	BUSHING, CLAMP	1
16	2-102-010004	BOLT U STANDARD GAUGE WHEEL	3
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	185928	SHANK,5/8 X 1-3/4 EDGE BENT	1
20	108676	SWEEP 1/4X9 ULTRAWING (SHOWN)	
20	2-689-010057	SWEEP 1/4X10 ULTRAWING	
20	8-689-010006	SWEEP, 9"	
20	8-689-010009	SWEEP, 10"	
21	7/16-14X1-3/4PB	BOLT,PLOW 7/16X1-3/4 GR5 ZP	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

S-Tine Shank Assembly

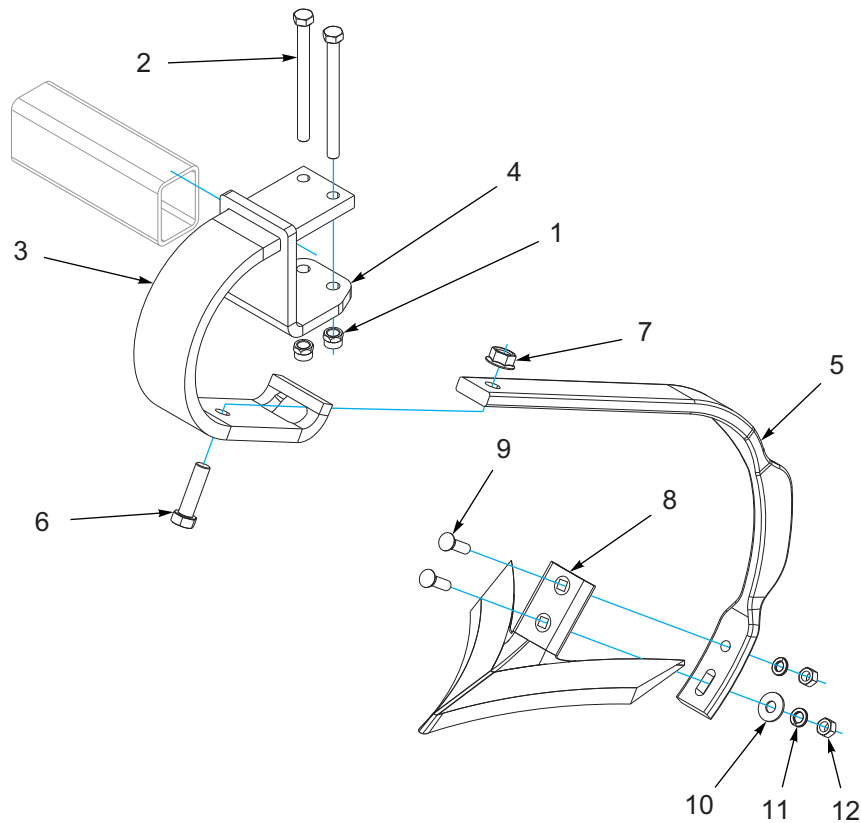


Figure 5-2: S-Tine Shank Assembly

S-Tine Shank Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	166200	SHANK ASSY,S-TINE (INCLUDES ITEMS 1-4)	
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	2
2	1-654-010055-17	SCREW,HEX CAP,1/2-13UNCX6 GR5	2
3	166199	SPRING CLAMP,S-TINE	1
4	166201	CLAMP S-TINE	1
5	185928	SHANK,5/8 X 1-3/4 EDGE BENT	1
6	1-654-010059-06	SCREW,HEX CAP 5/8-11X2-1/4 G5	1
7	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	2
8	108676	SWEEP 1/4X9 ULTRAWING (SHOWN)	
8	2-689-010057	SWEEP 1/4X10 ULTRAWING	
8	8-689-010006	SWEEP, 9"	
8	8-689-010009	SWEEP, 10"	
9	7/16-14X1-3/4PB	BOLT,PLOW 7/16X1-3/4 GR5 ZP	2
10	1-861-010032-13	WASHER FLAT 7/16	1
11	1-861-010034-12	WASHER,LOCKING HLC SPG 7/16	2
12	1-512-010007-08	NUT, HEX 7/16-14 GR2 ZP	2

Lift Hydraulic Assembly 8530-19'-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	140470	CYLINDER 4X10 REPHASE (SEE PAGE 7-10)	2
2	140471	CYLINDER 3-3/4X10 REPHASE (SEE PAGE 7-9)	2
3	185660	VALVE, LIMIT	1
4	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE (MODEL 8530-19')	1
5	141594	MANIFOLD, HYDRAULIC 16 PORT (MODELS 8530-22'-25')	1
6	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	6
7	2062-8-8S	ADAPTER, 90°, #8 O-RING-TUBE	10
8	1-007-010025	PLUG, 3/4-16 O-RING BOSS	2
9	141828	COUPLER,MALE 3/4-16 O-RING	2
10	186237	HOSE 1/2X195 #8JIC X #8OR	1
11	186238	HOSE 1/2X246 #8JIC X #8OR	1
12	1-397-010301074	HOSE ASSY,1/2X74, SAE37,STRST	1
13	116491	HOSE ASSY 3/8X96 #8 JIC SW	2
14	156945	HOSE ASSY 3/8X100 #8JIC SWIV	1
15	147582	HOSE ASSY 3/8X24 #8 JIC SWIV	1
16	153843	HOSE ASSY 3/8X67 #8 JIC SWIV	1
17	141881	HOSE ASSY 3/8X136 #8 JIC SWIV	1
18	155528	HOSE WRAP, BLUE 1" ID X 8"	1

Lift Hydraulic Assembly 8530-27'-30'

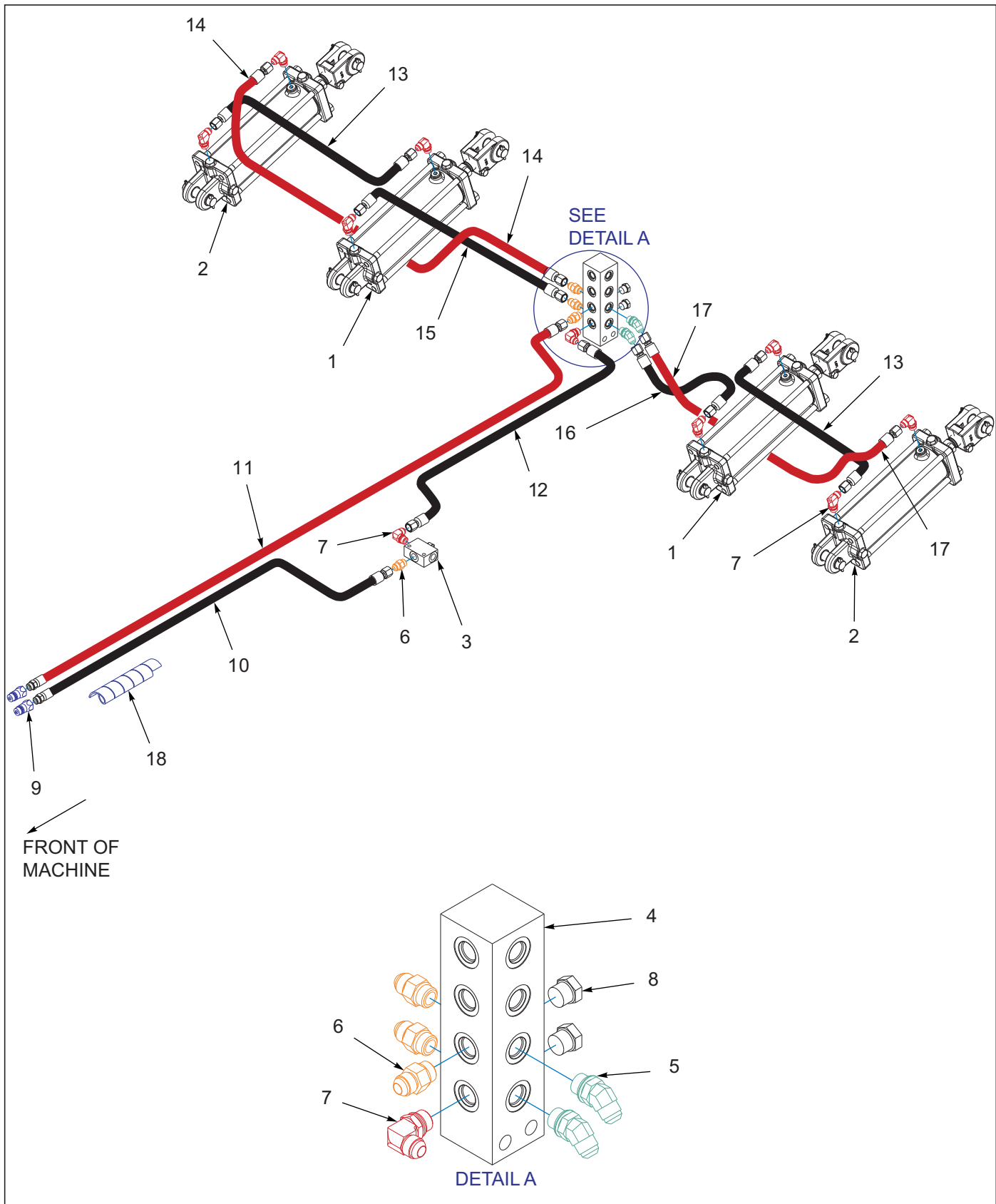


Figure 6-2: Lift Hydraulic Assembly 8530-27'-30'

Lift Hydraulic Assembly 8530-27'-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	140470	CYLINDER 4X10 REPHASE (SEE PAGE 7-10)	2
2	140471	CYLINDER 3-3/4X10 REPHASE (SEE PAGE 7-9)	2
3	185660	VALVE, LIMIT	1
4	141594	MANIFOLD, HYDRAULIC 16 PORT	2
5	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	1
6	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	6
7	2062-8-8S	ADAPTER, 90°, #8 O-RING-TUBE	10
8	1-007-010025	PLUG, 3/4-16 O-RING BOSS	2
9	141828	COUPLER,MALE 3/4-16 O-RING	2
10	156964	HOSE ASM1/2X204 SAE37X3/4-16OR	1
11	180020	HOSE 1/2X37JICX3/4-16ORINGX230	1
12	1-397-010301084	HOSE ASSY,1/2X84,SAE 37,STR	1
13	116491	HOSE ASSY 3/8X96 #8 JIC SW (MODEL 8530-27')	2
13	137599	HOSE ASSY 3/8X126.25 #8JIC SWV (MODEL 8530-30')	2
14	1422176	HOSE ASSY 3/8X116 #8 JIC SWIV (MODEL 8530-27')	1
14	116435	HOSE ASSY, 3/8X146 #8 JIC SW (MODEL 8530-30')	1
15	71508992	HOSE ASSY .38 X 50	1
16	181799	HOSE ASSY, 3/8X74, #8 JIC	1
17	153620	HOSE ASSY 3/8X140 #8 JIC SWIV (MODEL 8530-27')	1
17	141864	HOSE ASSY 3/8X175 #8 JIC SWIV (MODEL 8530-30')	1
18	155528	HOSE WRAP, BLUE 1" ID X 8"	1

Lift Hydraulic Assembly 8530-33'-35'

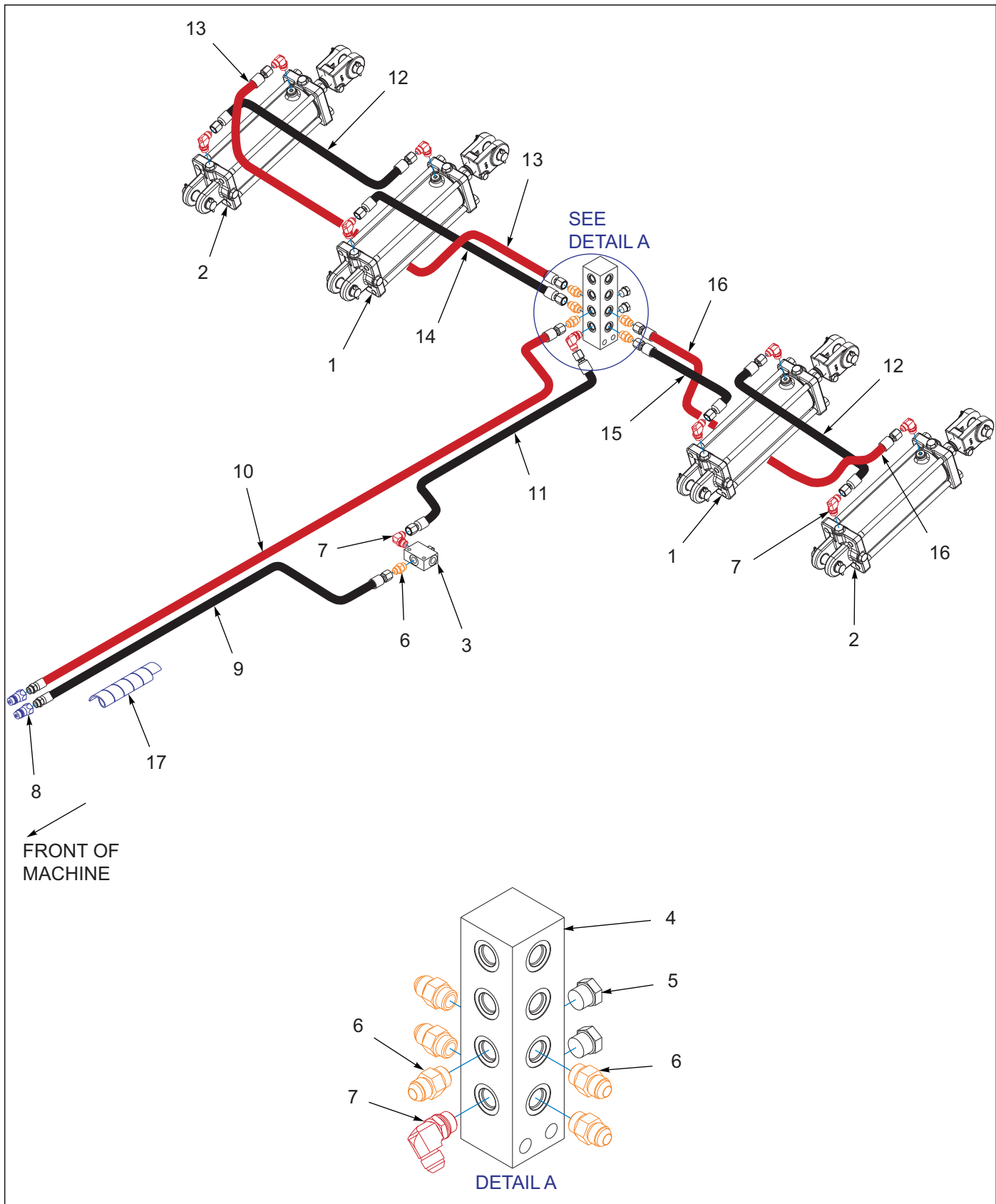


Figure 6-3: Lift Hydraulic Assembly 8530-33'-35'

Lift Hydraulic Assembly 8530-33'-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	140470	CYLINDER 4X10 REPHASE (SEE PAGE 7-10)	2
2	140471	CYLINDER 3-3/4X10 REPHASE (SEE PAGE 7-9)	2
3	185660	VALVE, LIMIT	1
4	141594	MANIFOLD, HYDRAULIC 16 PORT	2
5	1-007-010025	PLUG, 3/4-16 O-RING BOSS	2
6	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	6
7	2062-8-8S	ADAPTER, 90°, #8 O-RING-TUBE	10
8	141828	COUPLER,MALE 3/4-16 O-RING	2
9	176996	HOSE 1/2 X 220, #8JIC X #8OR	1
10	180020	HOSE 1/2X37JICX3/4-16ORINGX230	1
11	1-397-010301112	HOSE ASSY,1/2X84,SAE 37,STR	1
12	137599	HOSE ASSY 3/8X126.25 #8JIC SWV	2
13	122911	HOSE ASSY 3/8X168,#8JIC SWVL	1
14	122910	HOSE ASSY 3/8X70,#8 JIC SWVL	1
15	116491	HOSE ASSY 3/8X96 #8 JIC SW	1
16	141890	HOSE ASSY 3/8X192 #8JIC SWIV	1
17	155528	HOSE WRAP, BLUE 1" ID X 8"	1

Fold Hydraulic Assembly 8530-19'

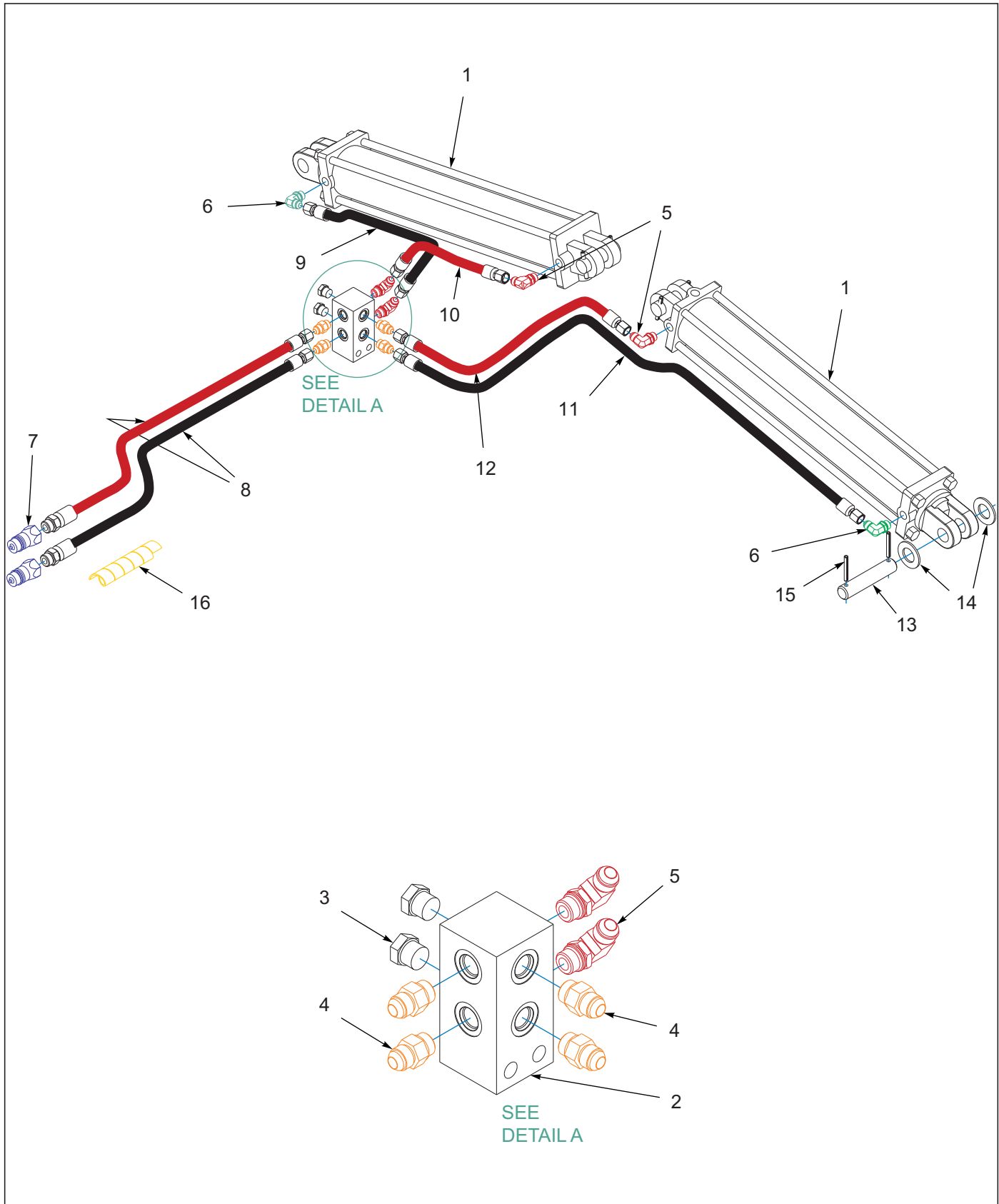


Figure 6-4: Fold Hydraulic Assembly 8530-19'

Fold Hydraulic Assembly 8530-19'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	185650	CYLINDER, 4 X 24 3000 PSI (SEE PAGE 7-11)	2
2	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	1
3	1-007-010025	PLUG, 3/4-16 O-RING BOSS	2
4	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	4
5	2062-8-8S	ADAPTER, 90°, #8 O-RING-TUBE	4
6	141826	ELBOW 90 1/16 RES	2
7	141828	COUPLER,MALE 3/4-16 O-RING	2
8	147585	HOSE ASSY, 1/2 X 336, #8 JIC X #80 O-RING	2
9	147582	HOSE ASSY, 3/8 X 24", #8 JIC, SWVL	1
10	153841	HOSE ASSY, 3/8 X 18", #8 JIC, SWVL	1
11	123547	HOSE ASSY, 3/8 X 56", #8 JIC, SWVL	1
12	137602	HOSE ASSY, 3/8 X 27", #8 JIC SWVL	1
13	141244	PIN, FOLD	2
14	116100	WASHER 1-1/4 NAR FL ZP/CD	4
15	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	4
16	155529	HOSE WRAP, YELLOW 1" ID X 8"	1

Fold Hydraulic Assembly 8530-22'-25'

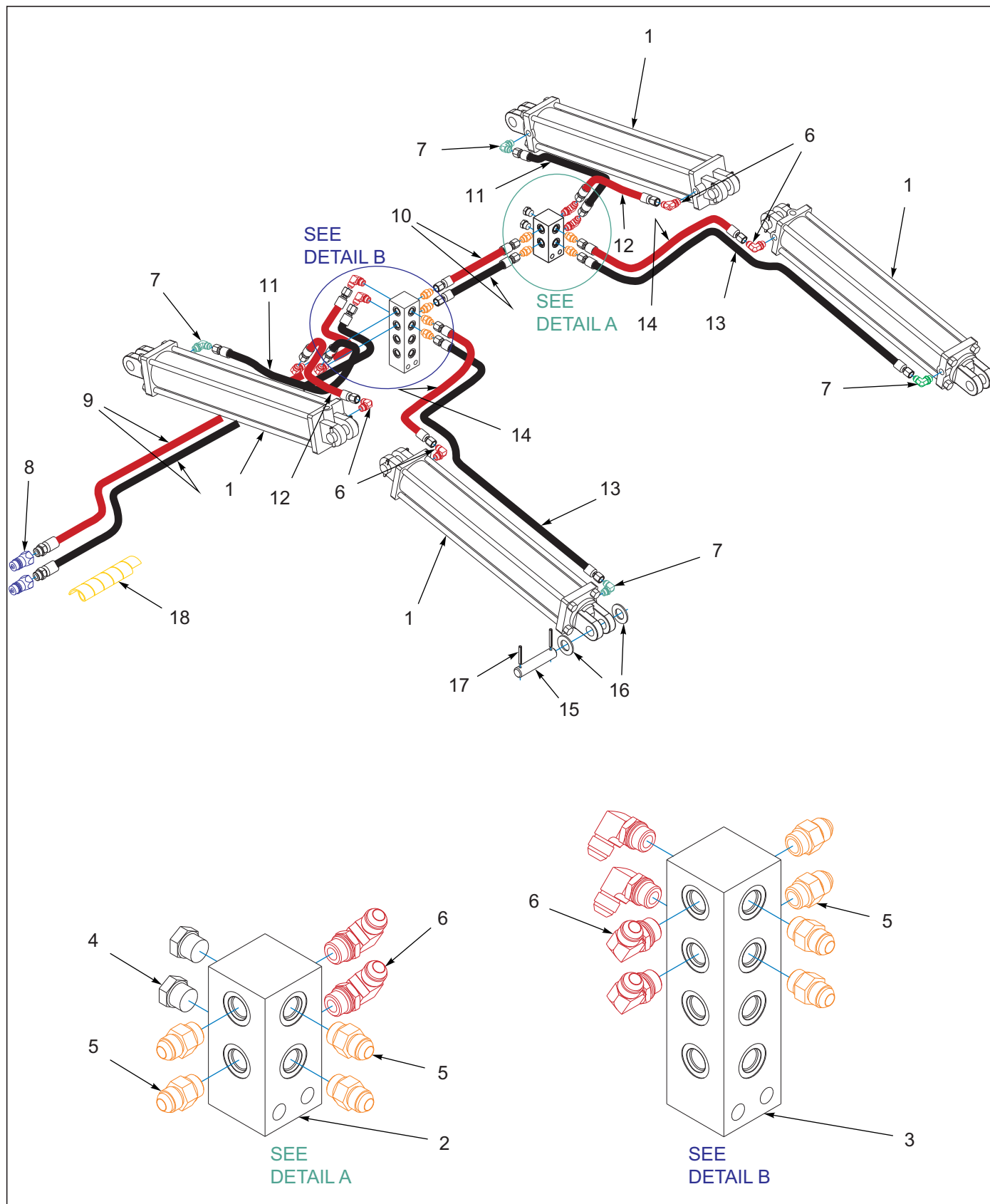


Figure 6-5: Fold Hydraulic Assembly 8530-22'-25'

Fold Hydraulic Assembly 8530-22'-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	185650	CYLINDER, 4 X 24 3000 PSI (SEE PAGE 7-11)	4
2	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	1
3	141594	MANIFOLD, HYDRAULIC 16 PORT	1
4	1-007-010025	PLUG, 3/4-16 O-RING BOSS	2
5	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	8
6	2062-8-8S	ADAPTER, 90°, #8 O-RING-TUBE	10
7	141826	ELBOW 90 1/16 RES	4
8	141828	COUPLER,MALE 3/4-16 O-RING	2
9	145132	HOSE ASSY 3/8X248 #8 JICX#80R	2
10	71508987	HOSE ASSY 3/8 X 86	2
11	147582	HOSE ASSY, 3/8 X 24", #8 JIC, SWVL	2
12	153841	HOSE ASSY, 3/8 X 18", #8 JIC, SWVL	2
13	123547	HOSE ASSY, 3/8 X 56", #8 JIC, SWVL	2
14	137602	HOSE ASSY, 3/8 X 27", #8 JIC SWVL	2
15	141244	PIN, FOLD	4
16	116100	WASHER 1-1/4 NAR FL ZP/CD	8
17	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	8
18	155529	HOSE WRAP, YELLOW 1" ID X 8"	1

Fold Hydraulic Assembly 8530-27'-30'

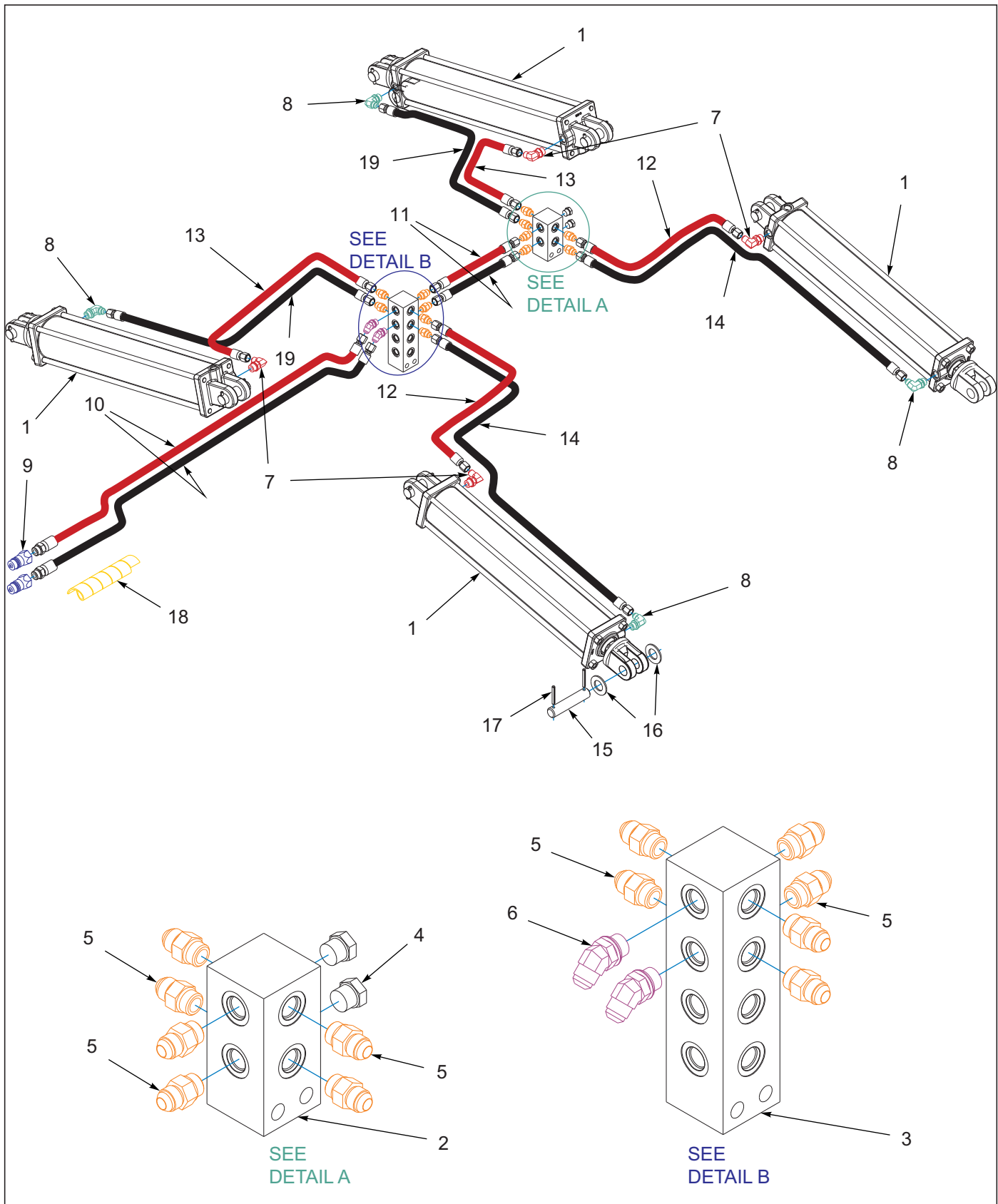


Figure 6-6: Fold Hydraulic Assembly 8530-27'-30'

Fold Hydraulic Assembly 8530-27'-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	181932	CYLINDER, HYD 4-1/2X24 3000PSI (SEE PAGE 7-12)	4
2	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	1
3	141594	MANIFOLD, HYDRAULIC 16 PORT	1
4	1-007-010025	PLUG, 3/4-16 O-RING BOSS	2
5	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	8
6	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	2
7	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	4
8	162778	EL 90 7/8 ORING 3/4 JIC 1/16	4
9	141828	COUPLER,MALE 3/4-16 O-RING	2
10	176997	HOSE 3/8 X 240, #8JIC X #8OR	2
11	71508987	HOSE ASSY 3/8 X 86	2
12	1-397-010369036	HOSE ASSY 3/8X36,#8 JIC SWVL	2
13	137601	HOSE ASSY, 3/8X20, #8JIC SWVL	2
14	116489	HOSE ASSY 3/8X64 #8 JIC SW	2
15	141244	PIN, FOLD	4
16	116100	WASHER 1-1/4 NAR FL ZP/CD	8
17	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	8
18	155529	HOSE WRAP, YELLOW 1" ID X 8"	1
19	71508984	HOSE .38X42	2

Fold Hydraulic Assembly 8530-33'-35'

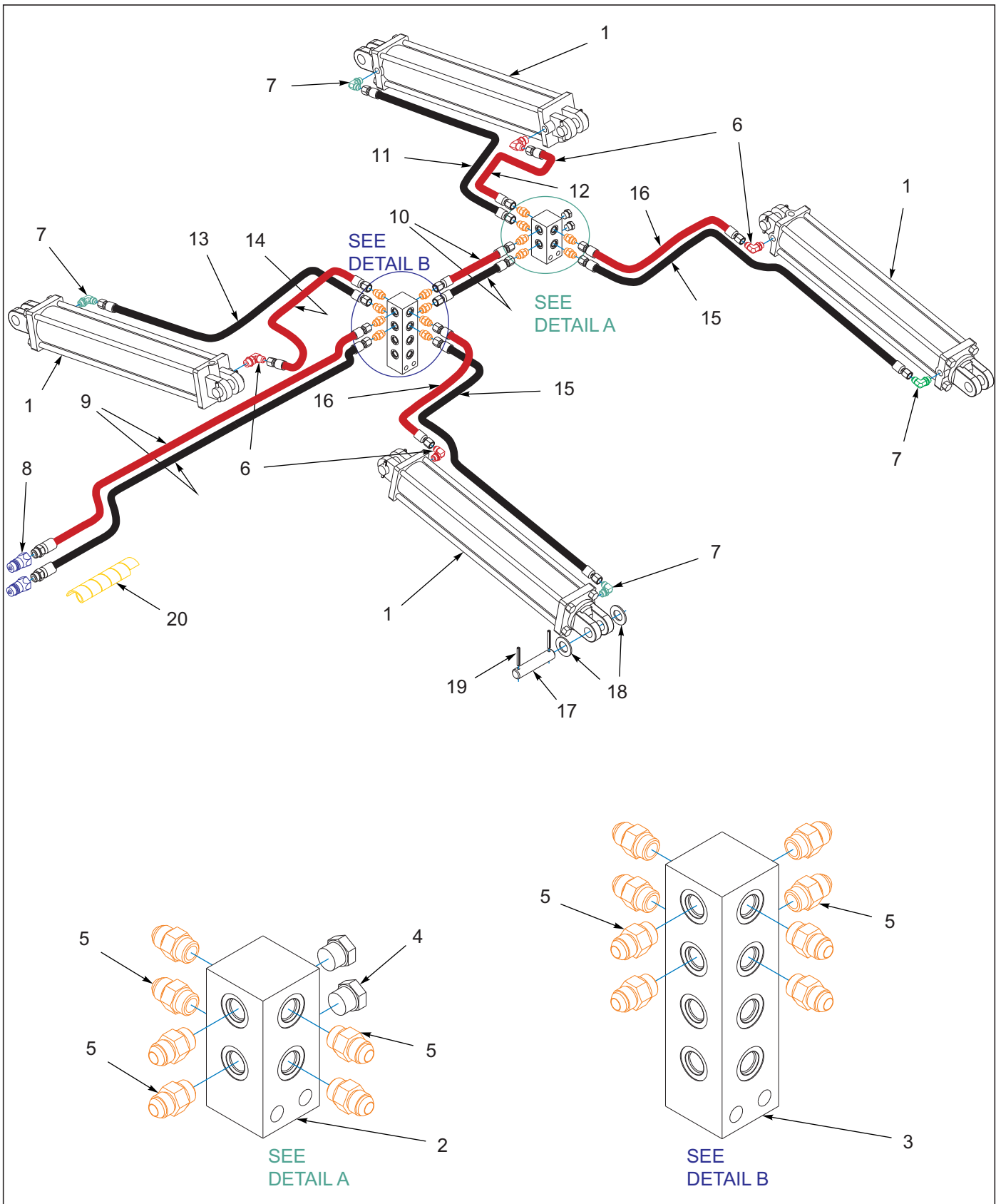


Figure 6-7: Fold Hydraulic Assembly 8530-33'-35'

Fold Hydraulic Assembly 8530-33'-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	181932	CYLINDER, HYD 4-1/2X24 3000PSI (SEE PAGE 7-12)	4
2	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	1
3	141594	MANIFOLD, HYDRAULIC 16 PORT	1
4	1-007-010025	PLUG, 3/4-16 O-RING BOSS	2
5	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	14
6	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	4
7	162778	EL 90 7/8 ORING 3/4 JIC 1/16	4
8	141828	COUPLER,MALE 3/4-16 O-RING	2
9	176997	HOSE 3/8 X 240, #8JIC X #8OR	2
10	71508987	HOSE ASSY 3/8 X 86	2
11	116489	HOSE ASSY 3/8X64 #8 JIC SW	1
12	153842	HOSE ASSY 3/8X33 #8 JIC SWIV	1
13	116432	HOSE ASSY, 3/8X60 #8 JIC SWV	1
14	71508985	HOSE ASSY .38 X 30	1
15	122909	HOSE ASSY 3/8X82,#8 JIC SWVL	2
16	1-397-010369054	HOSE ASSY 3/8X54 #8 JIC SWVL	2
17	141244	PIN, FOLD	4
18	116100	WASHER 1-1/4 NAR FL ZP/CD	8
19	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	8
20	155529	HOSE WRAP, YELLOW 1" ID X 8"	1

Gang Hydraulic Assembly 8530-19'-25'

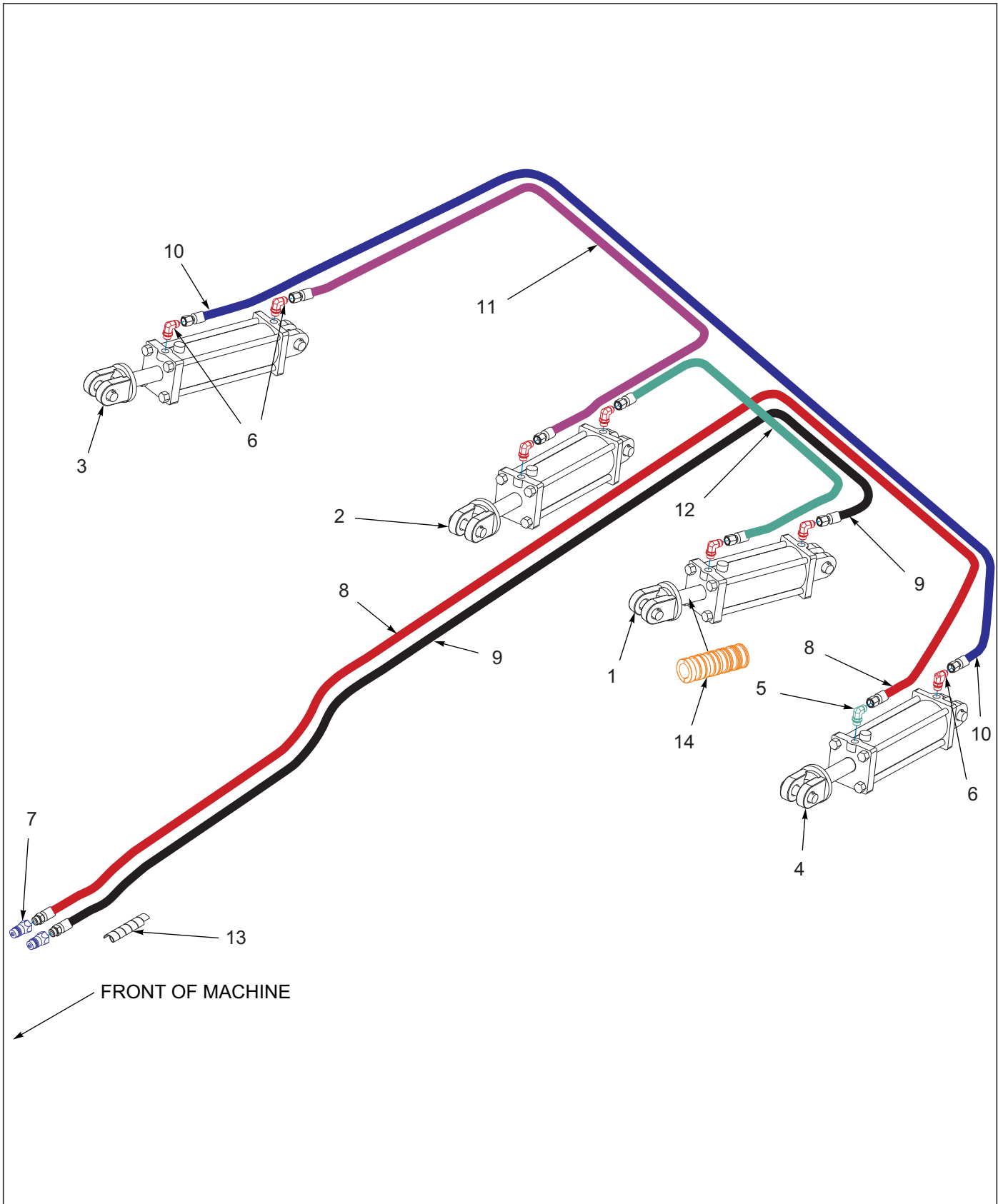


Figure 6-8: Gang Hydraulic Assembly 8530-19'-25'

Gang Hydraulic Assembly 8530-19'-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	145201	CYLINDER, 4 X 8, REPHASE {SEE PAGE 7-1 OR PAGE 7-2}	1
2	145202	CYLINDER, 3-3/4 X 8, REPHASE {SEE PAGE 7-3 OR PAGE 7-4}	1
3	145203	CYLINDER, 3-1/2 X 8, REPHASE {SEE PAGE 7-5 OR PAGE 7-6}	1
4	145204	CYLINDER, 3-1/4 X 8, REPHASE {SEE PAGE 7-7 OR PAGE 7-8}	1
5	141826	ELBOW 90, 3/4 O-RING, 3/4 JIC, 1/16 RES	1
6	2062-8-8S	ADAPTER, O-RING, 37°, JIC 90	7
7	141828	COUPLER, MALE, 3/4-16, O-RING	2
8	153622	HOSE ASSY, 3/8 X 385, #8 JIC X #8, O-RING (MODEL 8530-19')	1
8	185677	HOSE ASSY, 3/8 X 405, #8 JIC X #8, O-RING (MODELS 8530-22'-25')	1
9	147586	HOSE ASSY, 3/8 X 306, #8 JIC X #8, O-RING	1
10	71510821	HOSE ASSY, 3/8 X 244", #8, JIC, SWVL (MODEL 8530-19')	1
10	71600089	HOSE ASSY, 3/8 X 295", #8, JIC, SWVL (MODELS 8530-22'-25')	1
11	137600	HOSE ASSY, 3/8 X 130, #8 JIC, SWVL (MODEL 8530-19')	1
11	117260	HOSE ASSY, 3/8 X 156", #8, JIC, SWVL (MODELS 8530-22'-25')	1
12	137600	HOSE ASSY, 3/8 X 130, #8 JIC, SWVL	1
13	155530	HOSE WRAP, BLACK	1
14	1P332	STROKE CONTROL SEG SET, 1 1/2"	1

Gang Hydraulic Assembly 8530-27'-30'

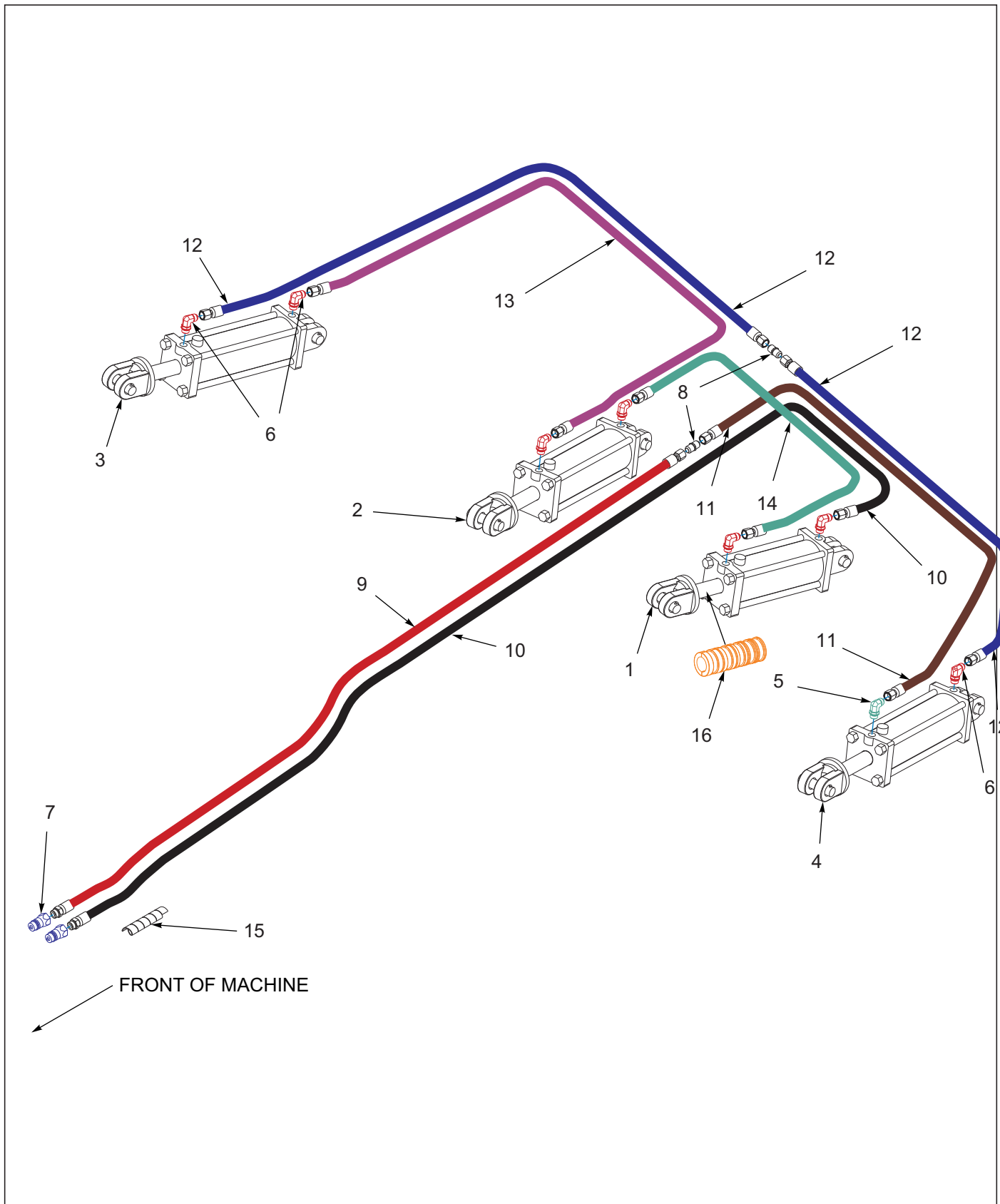


Figure 6-9: Gang Hydraulic Assembly 8530-27'-30'

Gang Hydraulic Assembly 8530-27'-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	145201	CYLINDER, 4 X 8, REPHASE {SEE PAGE 7-1 OR PAGE 7-2}	1
2	145202	CYLINDER, 3-3/4 X 8, REPHASE {SEE PAGE 7-3 OR PAGE 7-4}	1
3	145203	CYLINDER, 3-1/2 X 8, REPHASE {SEE PAGE 7-5 OR PAGE 7-6}	1
4	145204	CYLINDER, 3-1/4 X 8, REPHASE {SEE PAGE 7-7 OR PAGE 7-8}	1
5	141826	ELBOW 90, 3/4 O-RING, 3/4 JIC, 1/16 RES	1
6	2062-8-8S	ADAPTER, O-RING, 37°, JIC 90	7
7	141828	COUPLER, MALE, 3/4-16, O-RING	2
8	148338	FITTING, UNION SAE 37 8X8	2
9	176997	HOSE 3/8 X 240, #8JIC X #8OR	1
10	176998	HOSE 3/8 X 312, #8JIC X #8OR	1
11	122911	HOSE ASSY 3/8X168,#8JIC SWVL (MODEL 8530-27')	1
11	117163	HOSE ASSY 3/8X196 #8JIC (MODEL 8530-30')	1
12	144343	HOSE ASSY 3/8X165 #8 JIC SWIV (MODEL 8530-27')	2
12	141890	HOSE ASSY 3/8X192 #8JIC SWIV (MODEL 8530-30')	2
13	144343	HOSE ASSY 3/8X165 #8 JIC SWIV (MODEL 8530-27')	1
13	117163	HOSE ASSY 3/8X196 #8JIC (MODEL 8530-30')	1
14	159569	HOSE ASSY 3/8X161,#8JIC SWVL	1
15	155530	HOSE WRAP, BLACK	1
16	1P332	STROKE CONTROL SEG SET, 1 1/2"	1

Gang Hydraulic Assembly 8530-33'-35'

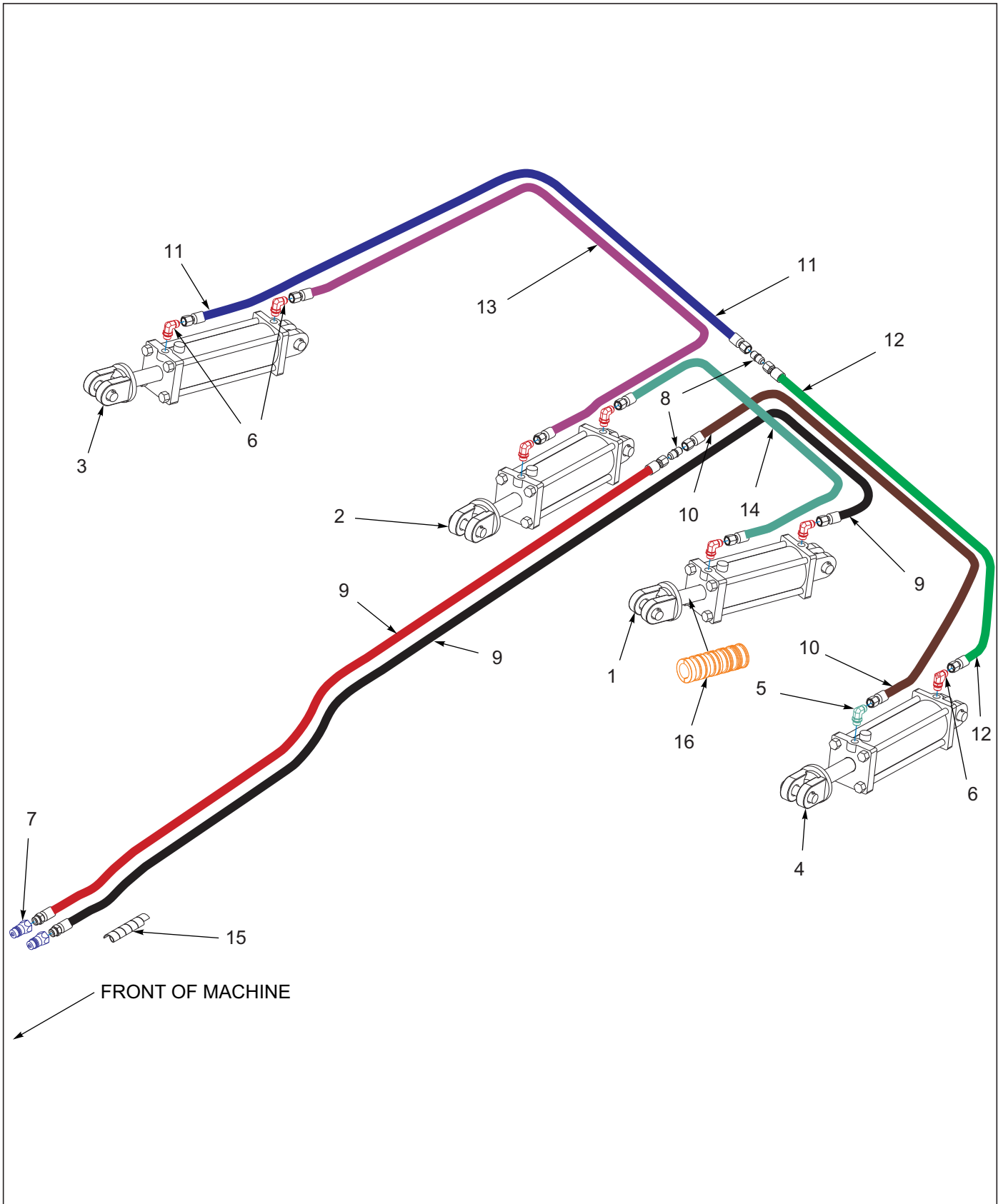


Figure 6-10: Gang Hydraulic Assembly 8530-33'-35'

Gang Hydraulic Assembly 8530-33'-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	145201	CYLINDER, 4 X 8, REPHASE {SEE PAGE 7-1 OR PAGE 7-2}	1
2	145202	CYLINDER, 3-3/4 X 8, REPHASE {SEE PAGE 7-3 OR PAGE 7-4}	1
3	145203	CYLINDER, 3-1/2 X 8, REPHASE {SEE PAGE 7-5 OR PAGE 7-6}	1
4	145204	CYLINDER, 3-1/4 X 8, REPHASE {SEE PAGE 7-7 OR PAGE 7-8}	1
5	141826	ELBOW 90, 3/4 O-RING, 3/4 JIC, 1/16 RES	1
6	2062-8-8S	ADAPTER, O-RING, 37°, JIC 90	7
7	141828	COUPLER, MALE, 3/4-16, O-RING	2
8	148338	FITTING, UNION SAE 37 8X8	2
9	147586	HOSE ASSY, 3/8 X 306", #8 JIC X #8, O-RING	2
10	141881	HOSE ASSY, 3/8 X 136", #8, JIC, SWVL	1
11	153621	HOSE ASSY, 3/8 X 212", #8, JIC, SWVL	1
12	141882	HOSE ASSY, 3/8 X 206", #8, JIC, SWVL	1
13	117163	HOSE ASSY, 3/8 X 196", #8, JIC, SWVL	1
14	153620	HOSE ASSY, 3/8 X 140", #8 JIC, SWVL	1
15	155530	HOSE WRAP, BLACK	1
16	1P332	STROKE CONTROL SEG SET, 1 1/2"	1

Cylinders

Cylinder Assembly 4 x 8, Rephase (Prince)

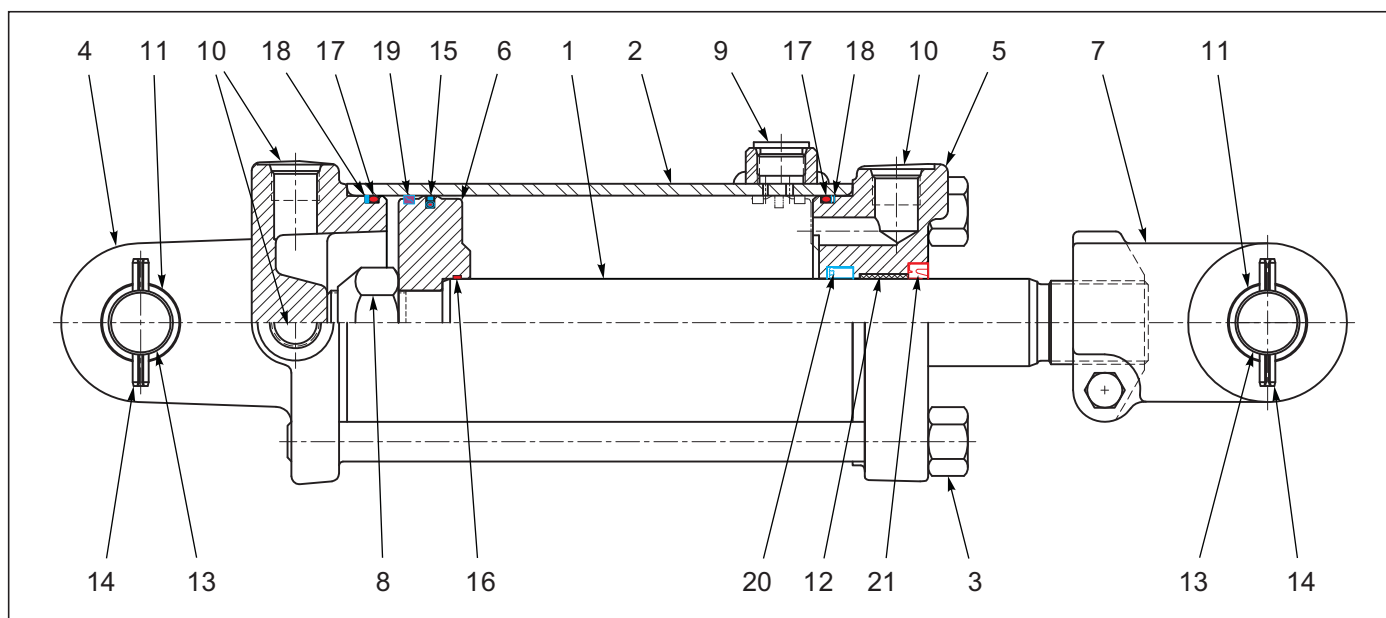


Figure 7-1: Cylinder Assembly 4 x 8, Rephase (Prince)

Cylinder Assembly 4 x 8, Rephase (Prince)

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	145201	CYLINDER 4 X 8 REPHASE	
1	-----	ROD, PISTON	1
2	-----	TUBE ASSY	1
3	-----	TIEROD ASSY	4
4	142114	BUTT CLEVIS ASSY	1
5	142109	GLAND ASSEMBLY	1
6	-----	PISTON	1
7	142110	CLEVIS ASSY	1
8	-----	LOCKNUT	1
9	-----	SHIPPING PLUG	1
10	-----	SHIPPING PLUG	3
11	142112	BUSHING	4
12	141301	BUSHING	1
13	143994	CLEVIS PIN	2
14	111789	ROLL PIN	4
15	-----	TEFLON SEAL	1
16	-----	O- RING	1
17	-----	O- RING	2
18	-----	BU- WASHER	2
19	-----	BEARING RING	1
20	-----	U- CUP	1
21	-----	CANNED WIPER	1
22	147745	PACKING KIT (NOT SHOWN) (INCLUDES ITEMS 15-21)	

Cylinder Assembly 4 x 8, Rephase (Midway)

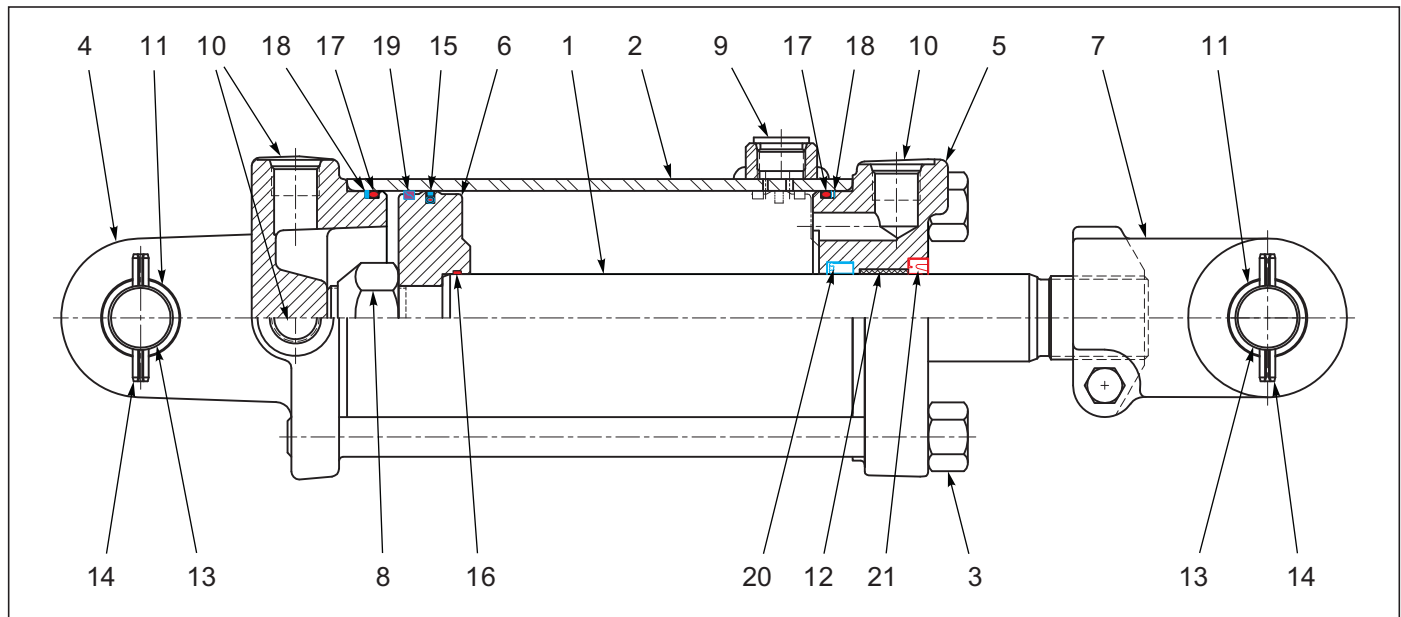


Figure 7-2: Cylinder Assembly 4 x 8, Rephase (Midway)

Cylinder Assembly 4 x 8, Rephase (Midway)

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	145201M	CYLINDER, 4 X 8, REPHASE	
1	231792	ROD CLEVIS-ADI, 1" PIN, MIDWAY	1
2	----	ROD	1
3	229560	GLAND, 4" BORE, MIDWAY	1
4	----	PISTON	1
5	----	TUBE	1
6	231804	BUTT CLEVIS-ADI, 4" BORE, MIDWAY	1
7	----	TIEROD	4
8	----	WIPER	1
9	----	U- CUP	1
10	----	OD O- RING	2
11	----	OD BACKUP	2
12	----	GREEN	1
13	----	WEAR RING	1
14	----	LOADER	1
15	----	O- RING	1
16	----	BUSHING	1
17	----	PISTON NUT	1
18	----	TIEROD NUT	8
19	1-647-010004221	PIN, SPRING 1/4X2 SLOTTED	2
20	229565	CLEVIS PIN, Ø1" HARDEN, MIDWAY	2
21	----	HEX PLUG	3
22	----	REPHASING PORT PLUG	1
23	229561	PACKING KIT, 4" BORE, MIDWAY (NOT SHOWN) (INCLUDES ITEMS 8-15)	

Cylinder Assembly 3-3/4 x 8, Rephase (Prince)

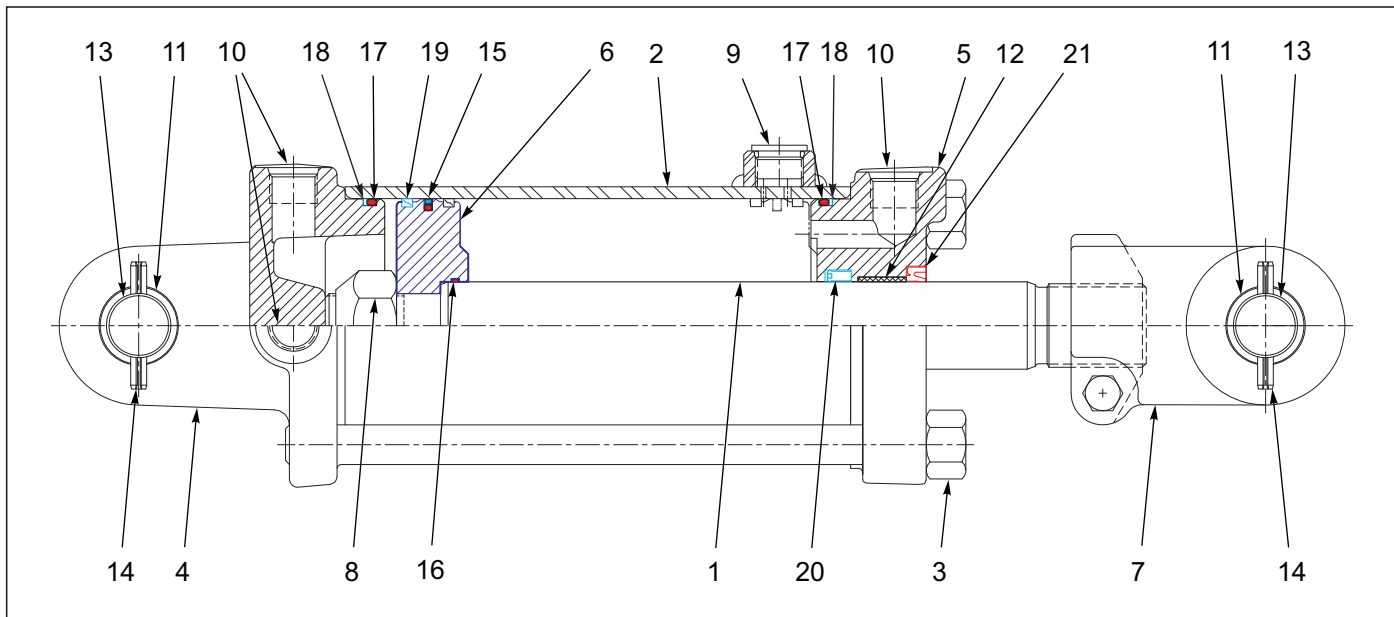


Figure 7-3: Cylinder Assembly 3-3/4 x 8, Rephase (Prince)

Cylinder Assembly 3-3/4 x 8, Rephase (Prince)

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	145202	CYLINDER 3-1/2 X 8 REPHASE	
1	----	ROD, PISTON	1
2	----	TUBE ASSY	1
3	----	TIEROD ASSY	4
4	142116	BUTT CLEVIS ASSY	1
5	111871	GLAND ASSEMBLY	1
6	----	PISTON	1
7	142110	CLEVIS ASSY	1
8	----	LOCKNUT	1
9	----	SHIPPING PLUG	1
10	----	SHIPPING PLUG	3
11	142112	BUSHING	4
12	141301	BUSHING	1
13	143994	CLEVIS PIN	2
14	111789	ROLL PIN	4
15	----	TEFLON SEAL	1
16	----	O- RING	1
17	----	O- RING	2
18	----	BU- WASHER	2
19	----	BEARING RING	1
20	----	U- CUP	1
21	----	CANNED WIPER	1
22	147748	PACKING KIT (NOT SHOWN) (INCLUDES ITEMS 15-21)	

Cylinder Assembly 3-3/4 x 8, Rephase (Midway)

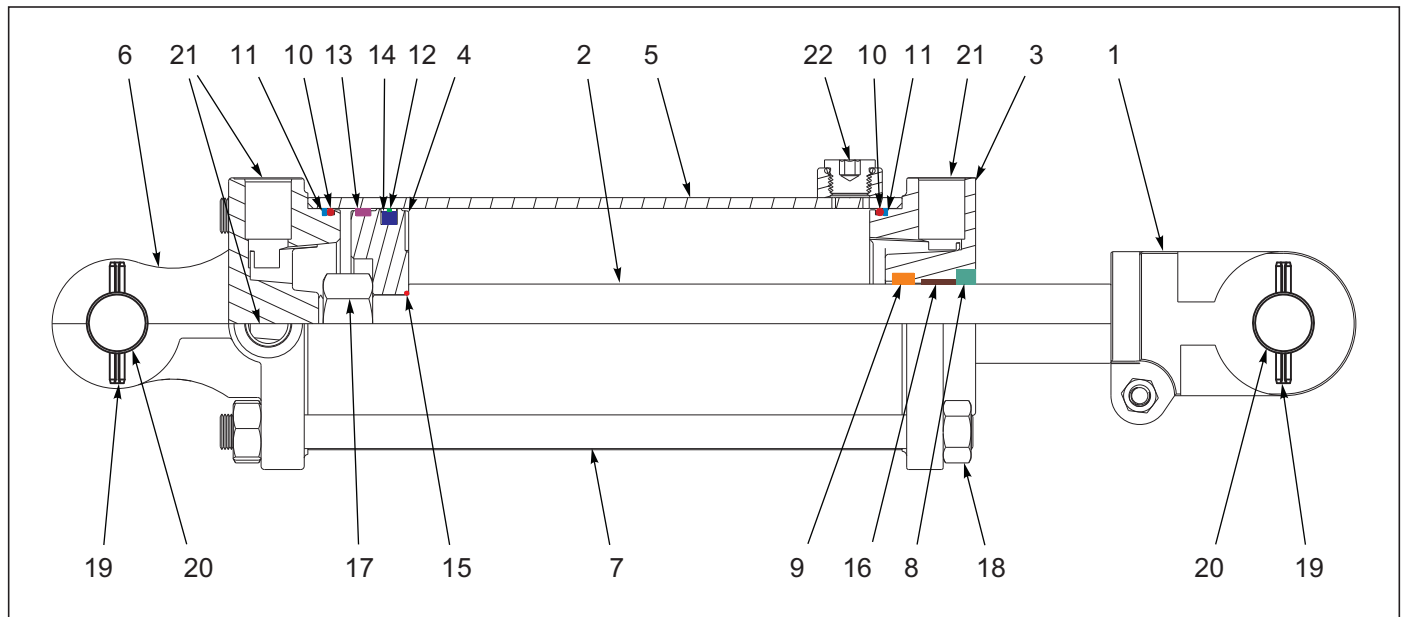


Figure 7-4: Cylinder Assembly 3-3/4 x 8, Rephase (Midway)

Cylinder Assembly 3-3/4 x 8, Rephase (Midway)

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	145202M	CYLINDER, 3-3/4 X 8, REPHASE	
1	231792	ROD CLEVIS-ADI, 1" PIN, MIDWAY	1
2	----	ROD	1
3	231802	GLAND, 3-3/4" BORE, MIDWAY	1
4	----	PISTON	1
5	----	TUBE	1
6	234415	BUTT CLEVIS-ADI, 4" BORE, MIDWAY	1
7	----	TIEROD	4
8	----	WIPER	1
9	----	U- CUP	1
10	----	OD O- RING	2
11	----	OD BACKUP	2
12	----	GREEN	1
13	----	WEAR RING	1
14	----	LOADER	1
15	----	O- RING	1
16	----	BUSHING	1
17	----	PISTON NUT	1
18	----	TIEROD NUT	8
19	1-647-010004221	PIN, SPRING 1/4X2 SLOTTED	2
20	229565	CLEVIS PIN, Ø1" HARDEN, MIDWAY	2
21	----	HEX PLUG	3
22	----	REPHASING PORT PLUG	1
23	231803	PACKING KIT, 3-3/4" BORE, MIDWAY (NOT SHOWN) (INCLUDES ITEMS 8-16)	

Cylinder Assembly 3-1/2 x 8, Rephase (Prince)

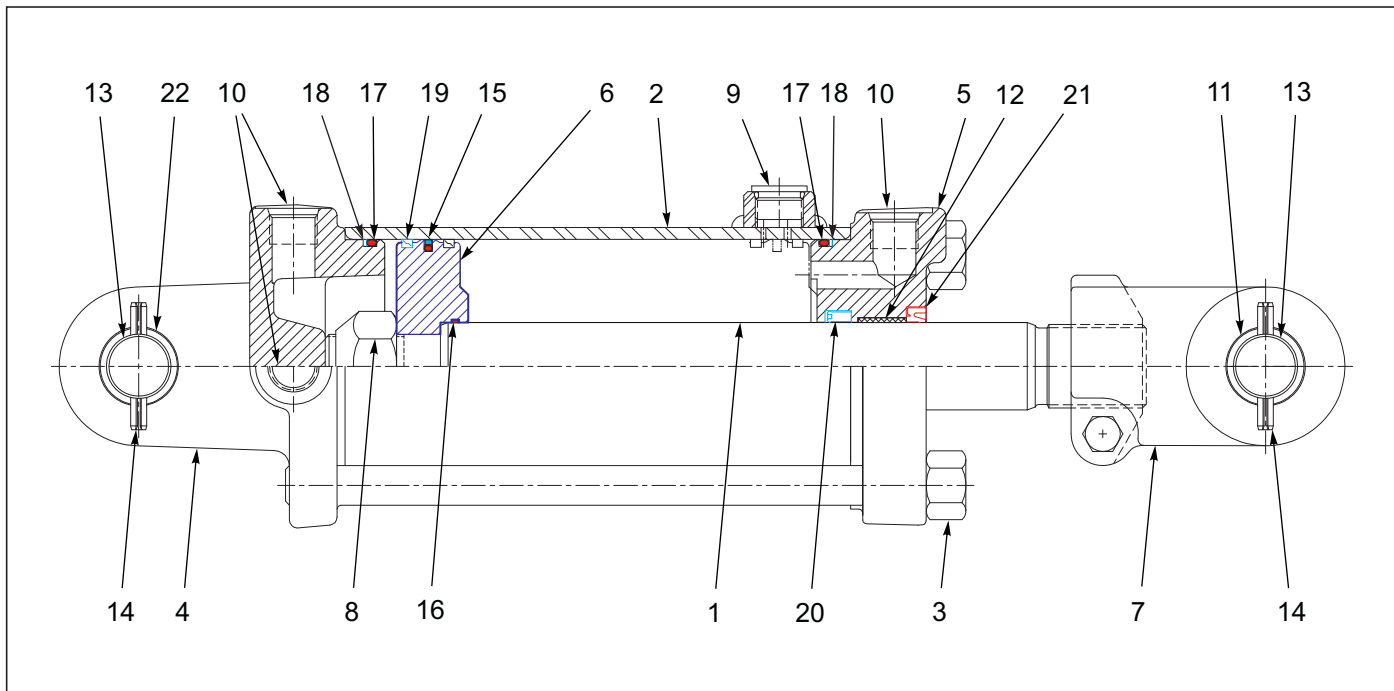


Figure 7-5: Cylinder Assembly 3-1/2 x 8, Rephase (Prince)

Cylinder Assembly 3-1/2 x 8, Rephase (Prince)

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	145203	CYLINDER 3-1/2 X 8 REPHASE	
1	----	ROD, PISTON	
2	----	TUBE ASSEMBLY	
3	----	TIEROD ASSEMBLY	
4	218643	BUTT CLEVIS ASSEMBLY	
5	148085	GLAND ASSEMBLY	
6	----	PISTON	
7	148087	CLEVIS ASSEMBLY	
8	----	LOCKNUT	
9	----	SHIPPING PLUG	
10	----	SHIPPING PLUG	
11	148088	BUSHING	
12	125566	BUSHING	
13	143994	CLEVIS PIN	
14	111789	ROLL PIN	
15	----	TEFLON SEAL	
16	----	O- RING	
17	----	O- RING	
18	----	BU- WASHER	
19	----	BEARING RING	
20	----	U- CUP	
21	----	CANNED WIPER	
22	142112	BUSHING	
23	148089	PACKING KIT (NOT SHOWN) (INCLUDES ITEMS 15-21)	

Cylinder Assembly 3-1/2 x 8, Rephase (Midway)

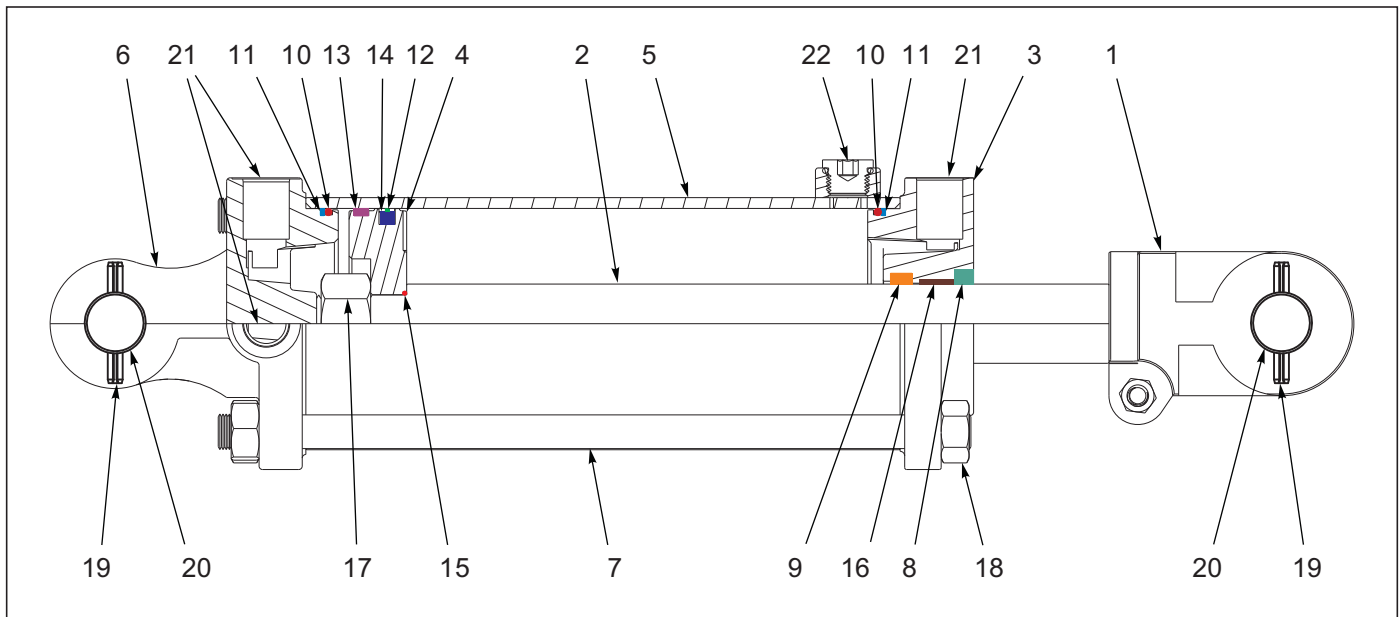


Figure 7-6: Cylinder Assembly 3-1/2 x 8, Rephase (Midway)

Cylinder Assembly 3-1/2 x 8, Rephase (Midway)

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	145203M	CYLINDER, 3-1/2 X 8, REPHASE	
1	231792	ROD CLEVIS-ADI, 1" PIN, MIDWAY	1
2	----	ROD	1
3	234417	GLAND, 3-1/2" BORE, MIDWAY	1
4	----	PISTON	1
5	----	TUBE	1
6	234416	BUTT CLEVIS-ADI, 3-1/2" BORE	1
7	----	TIEROD	4
8	----	WIPER	1
9	----	U- CUP	1
10	----	OD O- RING	2
11	----	OD BACKUP	2
12	----	GREEN	1
13	----	WEAR RING	1
14	----	LOADER	1
15	----	O- RING	1
16	----	BUSHING	1
17	----	PISTON NUT	1
18	----	TIEROD NUT	8
19	1-647-010004221	PIN,SPRING 1/4X2 SLOTTED	2
20	229565	CLEVIS PIN, Ø1" HARDEN, MIDWAY	2
21	----	HEX PLUG	3
22	----	REPHASING PORT PLUG	1
23	234418	PACKING KIT,3-1/2" BORE,MIDWAY (NOT SHOWN) (INCLUDES ITEMS 8-16)	

Cylinder Assembly 3-1/4 x 8, Rephase (Prince)

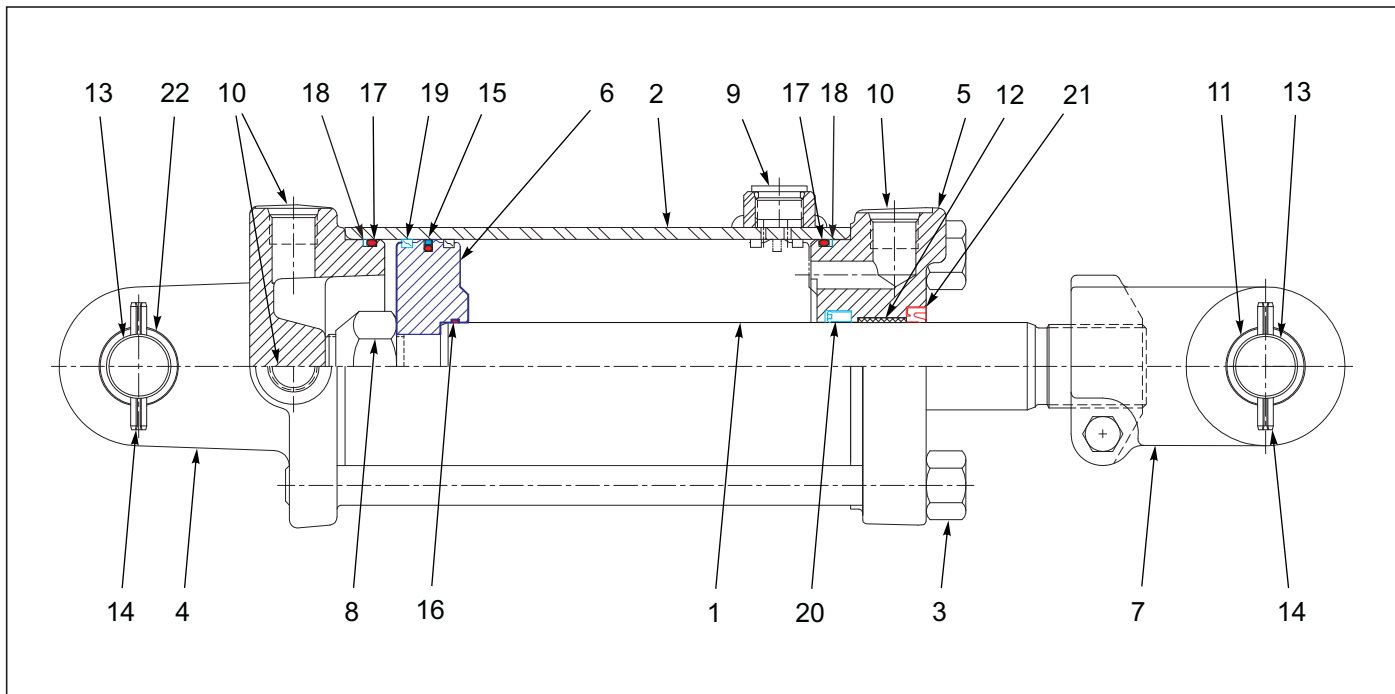


Figure 7-7: Cylinder Assembly 3-1/4 x 8, Rephase (Prince)

Cylinder Assembly 3-1/4 x 8, Rephase (Prince)

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	145204	CYLINDER 3-1/4 X 8 REPHASE	
1	-----	ROD, PISTON	1
2	-----	TUBE ASSEMBLY	1
3	-----	TIEROD ASSEMBLY	4
4	218642	BUTT CLEVIS ASSEMBLY	1
5	148092	GLAND ASSEMBLY	1
6	-----	PISTON	1
7	148087	CLEVIS ASSEMBLY	1
8	-----	LOCKNUT	1
9	-----	SHIPPING PLUG	1
10	-----	SHIPPING PLUG	3
11	148088	BUSHING	2
12	125566	BUSHING	1
13	143994	CLEVIS PIN	2
14	111789	ROLL PIN	4
15	-----	TEFLON SEAL	1
16	-----	O- RING	1
17	-----	O- RING	2
18	-----	BU- WASHER	2
19	-----	BEARING RING	1
20	-----	U- CUP	1
21	-----	CANNED WIPER	1
22	142112	BUSHING	2
23	148094	PACKING KIT (NOT SHOWN) (INCLUDES ITEMS 15-21)	

Cylinder Assembly 3-1/4 x 8, Rephase (Midway)

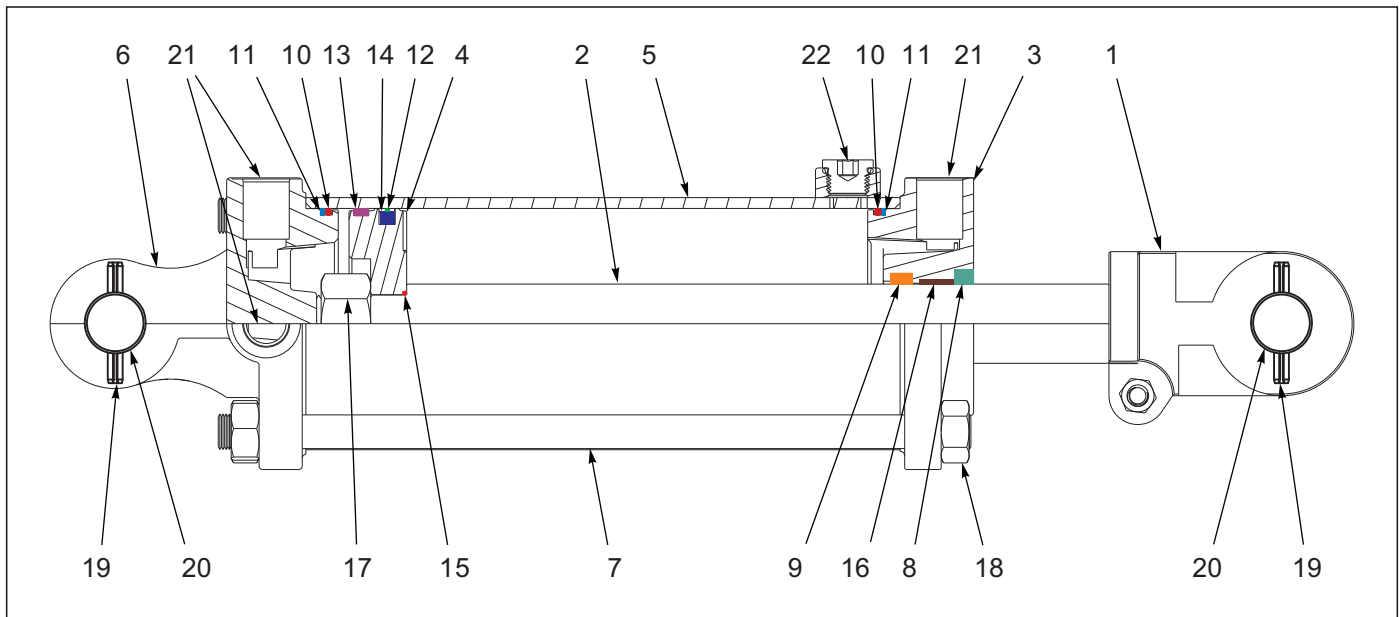


Figure 7-8: Cylinder Assembly 3-1/4 x 8, Rephase (Midway)

Cylinder Assembly 3-1/4 x 8, Rephase (Midway)

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	145204M	CYLINDER, 3-1/4 X 8, REPHASE	
1	231792	ROD CLEVIS-ADI, 1" PIN, MIDWAY	1
2	----	ROD	1
3	234420	GLAND, 3-1/4" BORE, MIDWAY	1
4	----	PISTON	1
5	----	TUBE	1
6	234419	BUTT CLEVIS-ADI, 3-1/4" BORE	1
7	----	TIEROD	4
8	----	WIPER	1
9	----	U- CUP	1
10	----	OD O- RING	2
11	----	OD BACKUP	2
12	----	GREEN	1
13	----	WEAR RING	1
14	----	LOADER	1
15	----	O- RING	1
16	----	BUSHING	1
17	----	PISTON NUT	1
18	----	TIEROD NUT	8
19	1-647-010004221	PIN,SPRING 1/4X2 SLOTTED	2
20	229565	CLEVIS PIN, Ø1" HARDEN, MIDWAY	2
21	----	HEX PLUG	3
22	----	REPHASING PORT PLUG	1
23	234421	PACKING KIT,3-1/4" BORE,MIDWAY (NOT SHOWN) (INCLUDES ITEMS 8-16)	

Cylinder Assembly 3-3/4 x 10, Rephase

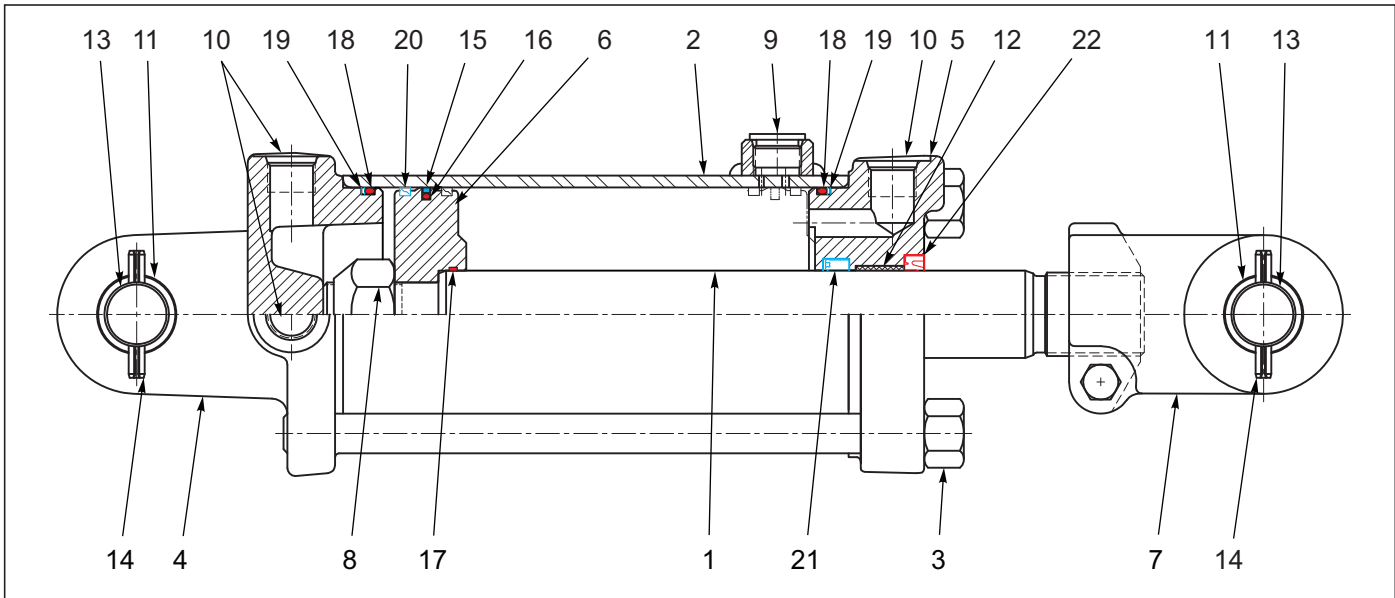


Figure 7-9: Cylinder Assembly 3-3/4 x 10, Rephase

Cylinder Assembly 3-3/4 x 10, Rephase

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	140471	CYLINDER, 3-3/4 X 10, REPHASE (1" PINS)	
1	----	PISTON, ROD	1
2	----	TUBE ASSY	1
3	----	TIEROD ASSY	1
4	142116	BUTT CLEVIS ASSEMBLY	1
5	111871	GLAND ASSY	1
6	----	PISTON ROD	1
7	142110	CLEVIS ASSY	1
8	----	NUT, LOCK	1
9	----	PLUG, PORT	1
10	----	PLUG, PORT	3
11	142112	BUSHING	4
12	141301	BUSHING	1
13	143994	PIN, CLEVIS	2
14	111789	ROLL PIN	4
15	----	TEFLON SEAL	1
16	----	O- RING	1
17	----	O- RING	1
18	----	O- RING	2
19	----	BU- WASHER	2
20	----	BEARING RING	2
21	----	U- CUP	1
22	----	CANNED WIPER	1
23	142103	PACKING KIT (NOT SHOWN) (INCLUDES ITEMS 15-22)	

Cylinder Assembly 4 x 10, Rephase

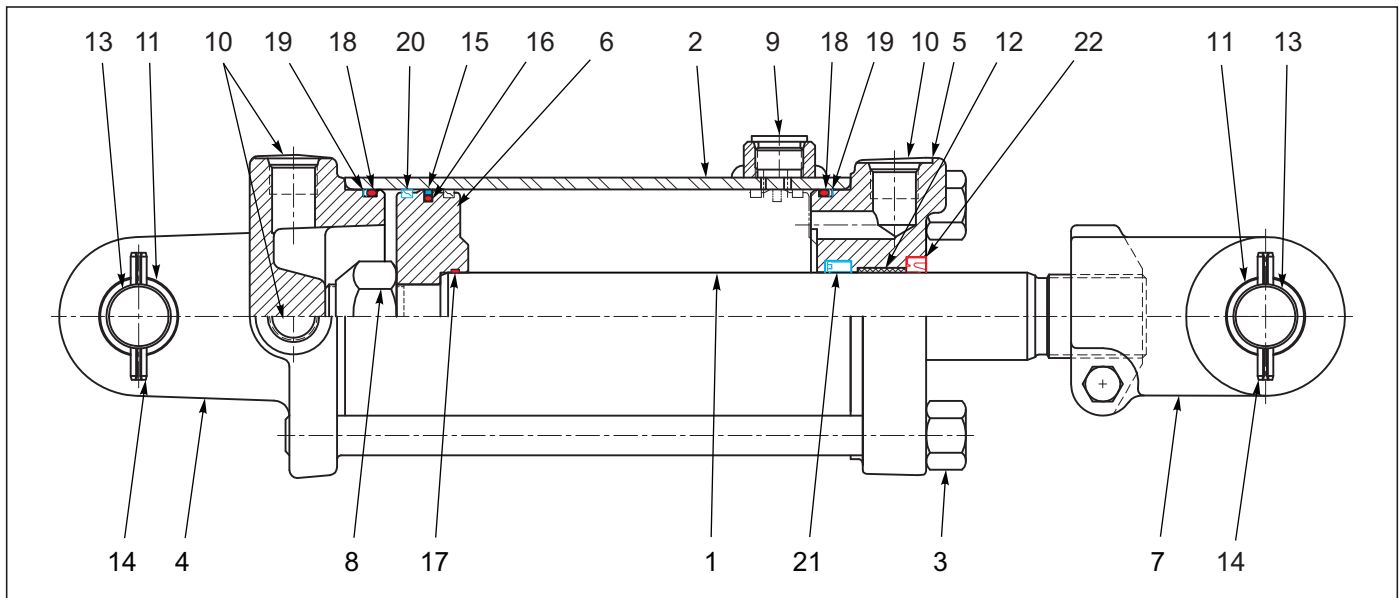


Figure 7-10: Cylinder Assembly 4 x 10, Rephase

Cylinder Assembly 4 x 10, Rephase

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	140470	CYLINDER 4X10 REPHASE (1" PINS)	
1	----	PISTON, ROD	1
2	----	TUBE	1
3	----	TIEROD ASSY	1
4	142114	BUTT CLEVIS ASSY	1
5	142109	GLAND ASSEMBLY	1
6	----	PISTON	1
7	142110	CLEVIS ASSEMBLY	1
8	----	NUT, LOCK	1
9	----	PLUG, PORT	1
10	----	PLUG, PORT	3
11	142112	BUSHING	4
12	141301	BUSHING	1
13	143994	PIN, CLEVIS	2
14	111789	ROLL PIN	4
15	----	TEFLON SEAL	1
16	----	O- RING	1
17	----	O- RING	1
18	----	O- RING	2
19	----	BU- WASHER	2
20	----	BEARING RING	2
21	----	U- CUP	1
22	----	CANNED WIPER	1
23	142111	PACKING KIT (NOT SHOWN) (INCLUDES ITEMS 15-22)	

Cylinder Assembly 4 x 24

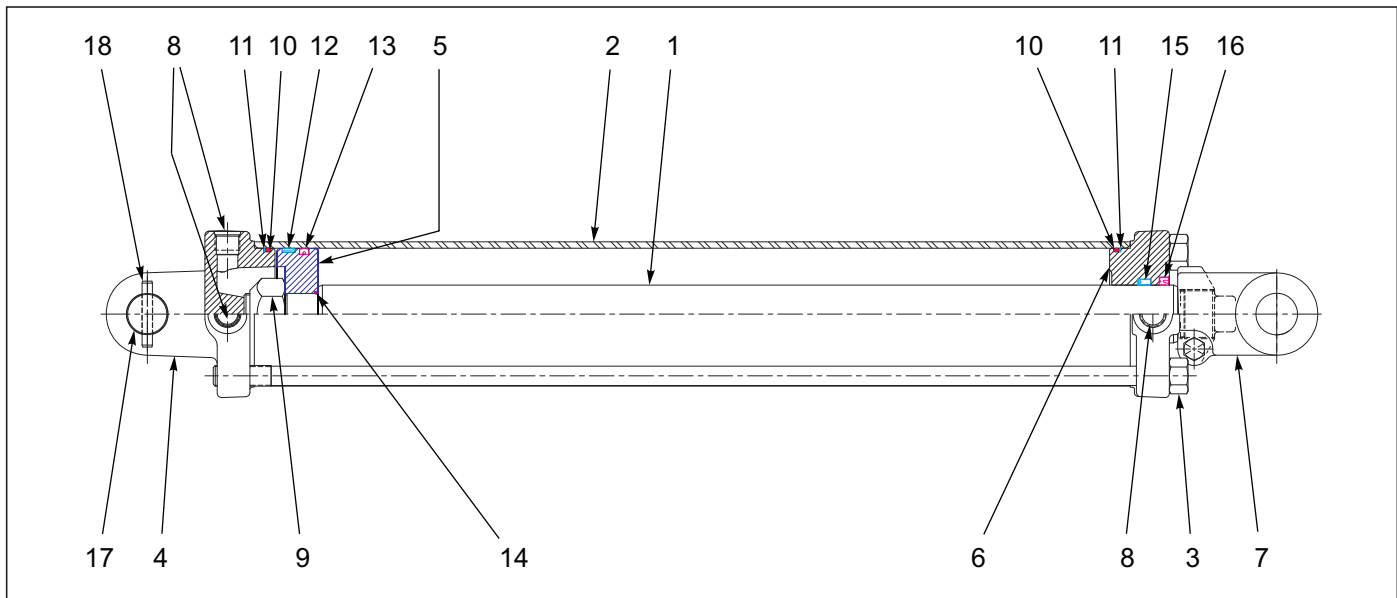


Figure 7-11: Cylinder Assembly 4 x 24

Cylinder Assembly 4 x 24

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	185650	CYLINDER, 4 X 24 3000 PSI	
1	-----	PISTON ROD	1
2	-----	TUBE	1
3	-----	TIEROD ASSY	4
4	142119	BUTT	1
5	-----	PISTON	1
6	147376	GLAND	1
7	218645	CLEVIS ASSY	1
8	-----	PORT PLUG	3
9	-----	NUT, LOCK	1
10	-----	O- RING	2
11	-----	BU- WASHER	2
12	-----	BEARING IRING, PISTON	1
13	-----	CROWN SEAL	1
14	-----	O- RING	1
15	-----	U- CUP	1
16	-----	WIPER	1
17	147755	CLEVIS PIN	1
18	111789	ROLL PIN	2
19	180486	PACKING KIT (NOT SHOWN) (INCLUDES ITEMS 10-16)	

Cylinder Assembly 4-1/2 x 24

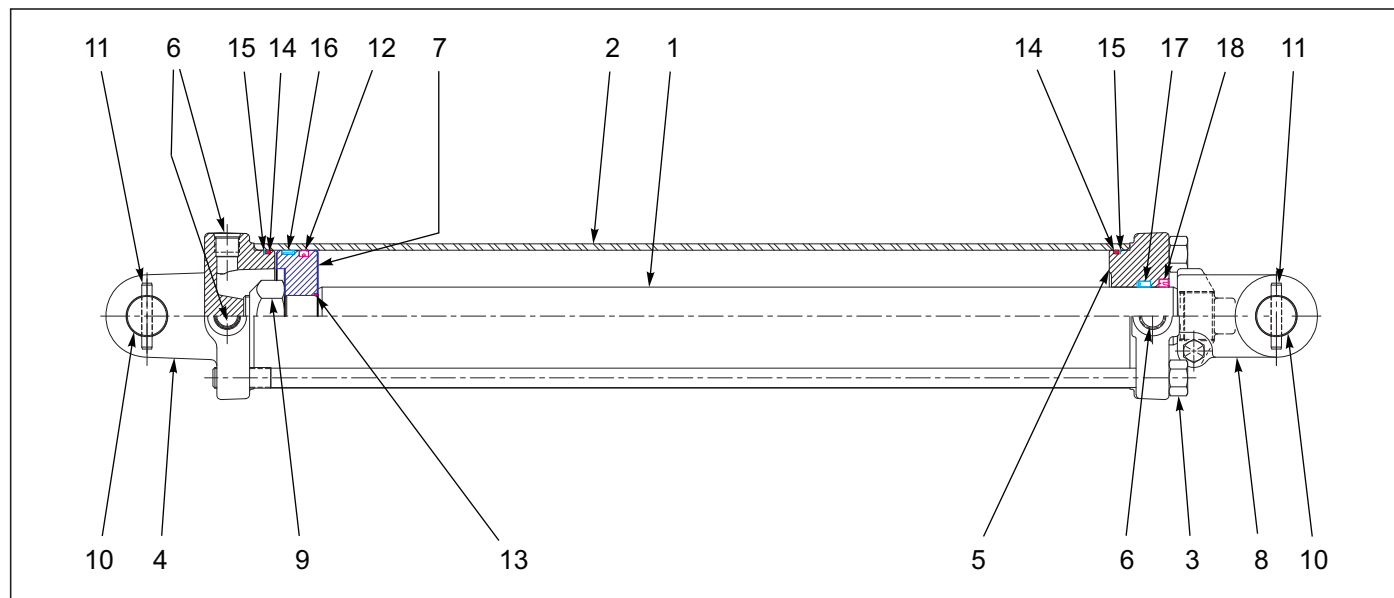


Figure 7-12: Cylinder Assembly 4-1/2 x 24

Cylinder Assembly 4-1/2 x 24

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	181932	CYLINDER, HYD 4-1/2X24 3000PSI	
1	----	PISTON ROD	1
2	----	TUBE	1
3	----	TIEROD ASSY	4
4	218646	BUTT	1
5	218647	GLAND	1
6	----	PORT PLUG	3
7	----	PISTON	1
8	100000362	CLEVIS ASSEMBLY	1
9	----	LOCKNUT	1
10	169550	CLEVIS PIN	2
11	111789	ROLL PIN	4
12	----	CROWN SEAL	1
13	----	O- RING	1
14	----	O- RING	2
15	----	BU- WASHER	2
16	----	BEARING RING	1
17	----	U- CUP	1
18	----	WIPER	1
19	180483	PACKING KIT (NOT SHOWN) (INCLUDES ITEMS 12-18)	

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 8-1: Electrical Assembly W/LED Lights (1 of 2)

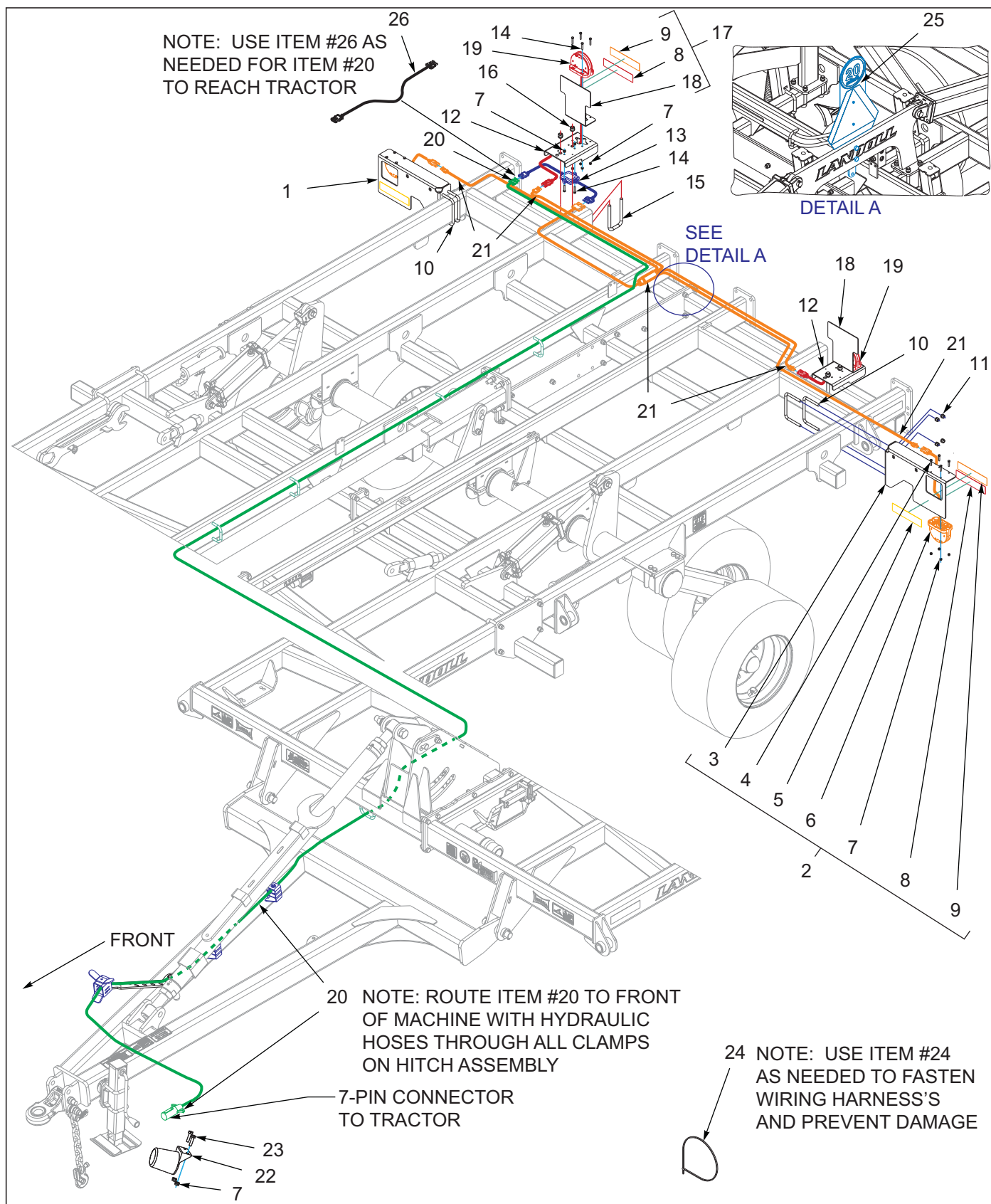


Figure 8-2: Electrical Assembly W/LED Lights (2 of 2)

Electrical Assembly W/LED Lights

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	182408	ELECTRICAL KIT, 8530	
1	182404	LIGHT ASSY, AMBER RT (INCLUDES ITEMS 3-9)	1
2	182405	LIGHT ASSY, AMBER LT (INCLUDES ITEMS 3-9)	1
3	182406	MOUNT, LIGHT RIGHT (USED WITH ITEM 1)	1
3	182407	MOUNT, LIGHT LEFT (USED WITH ITEM 2)	1
4	1-654-010047-07	SCREW,HX CP 1/4-20UNCX1-1/4G5	8
5	528934	REFLECTOR - YELLOW (FRONT)	2
6	174436	LAMP, AG AMBER SINGLE LED	2
7	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	20
8	528933	REFLECTOR - RED	4
9	528938	STRIPE, ORANGE	4
10	2-102-010051	U-BOLT, WING REST	4
11	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	8
12	164138	MOUNT, LIGHT TAIL	2
13	174437	MODULE, AG FLASHER CONTROL	1
14	1-654-010047-08	SCREW HX CP,1/4-20UNCX1-1/2G5	10
15	8-102-010043	U-BOLT, SPRING CLAMP	2
16	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	4
17	164140	REFLECTOR ASSY (INCLUDES ITEMS 8, 9, 18)	2
18	164139	MOUNT, REFLECTOR	2
19	174435	LAMP, AG RED SINGLE LED	2
20	174438	HARNESS, MAIN WARNING LIGHTS	1
21	174439	HARNESS, REAR WARNING LIGHTS	1
22	2-368-010287	HARNESS, STOR-A-WAY (SEE PAGE 2-1)	1
23	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
24	105874	TIE,STRAP PLSTC 21.5-24X.301	15
25	-----	SMV/20MPH MOUNT ASSEMBLY (SEE PAGES 3-1 THROUGH 3-7)	1
26	2-368-010273	HARNESS, 34 INCH EXT	1

[illegible]

Decals

Decals

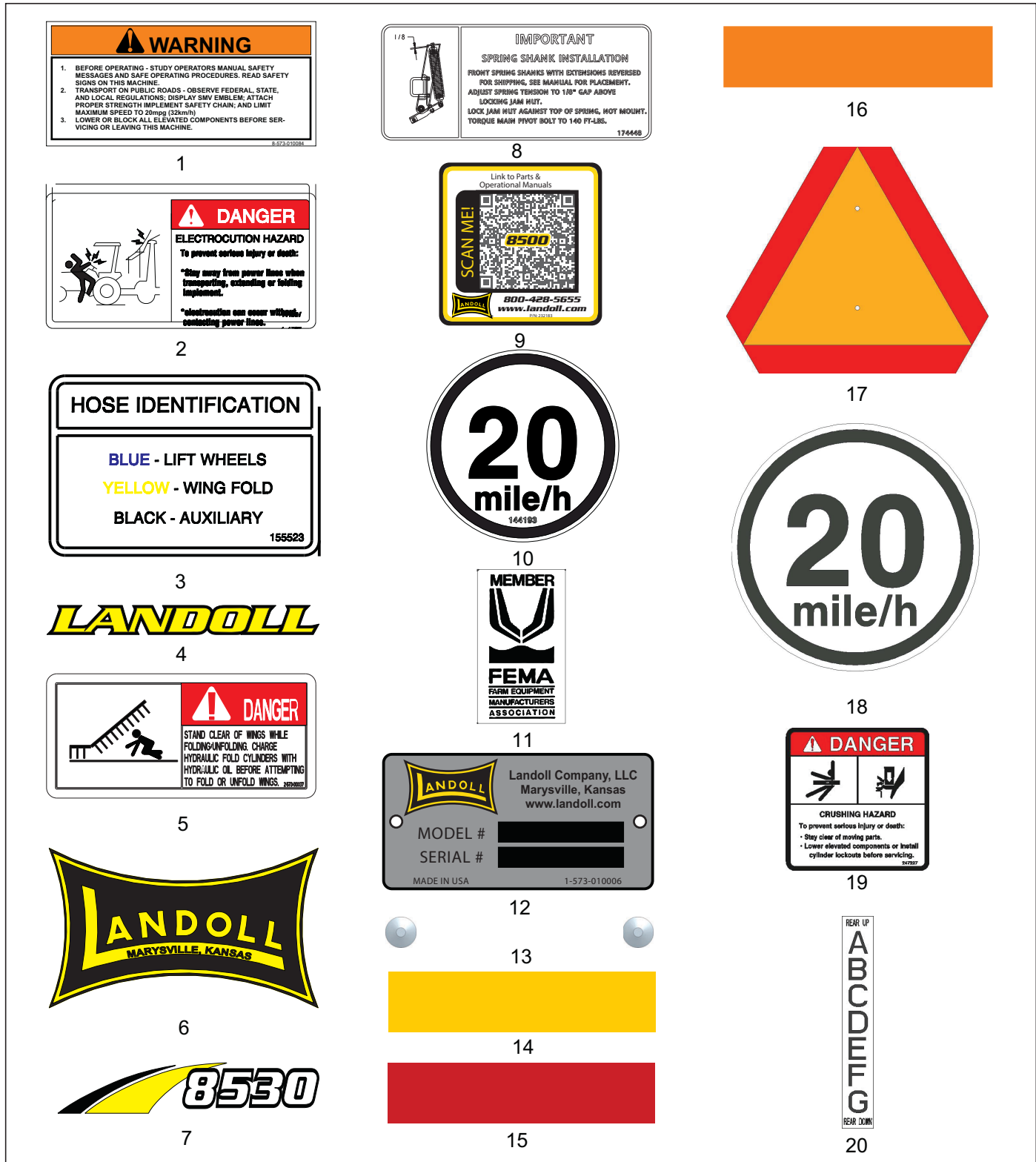


Figure 9-1: Decals (1 of 2)

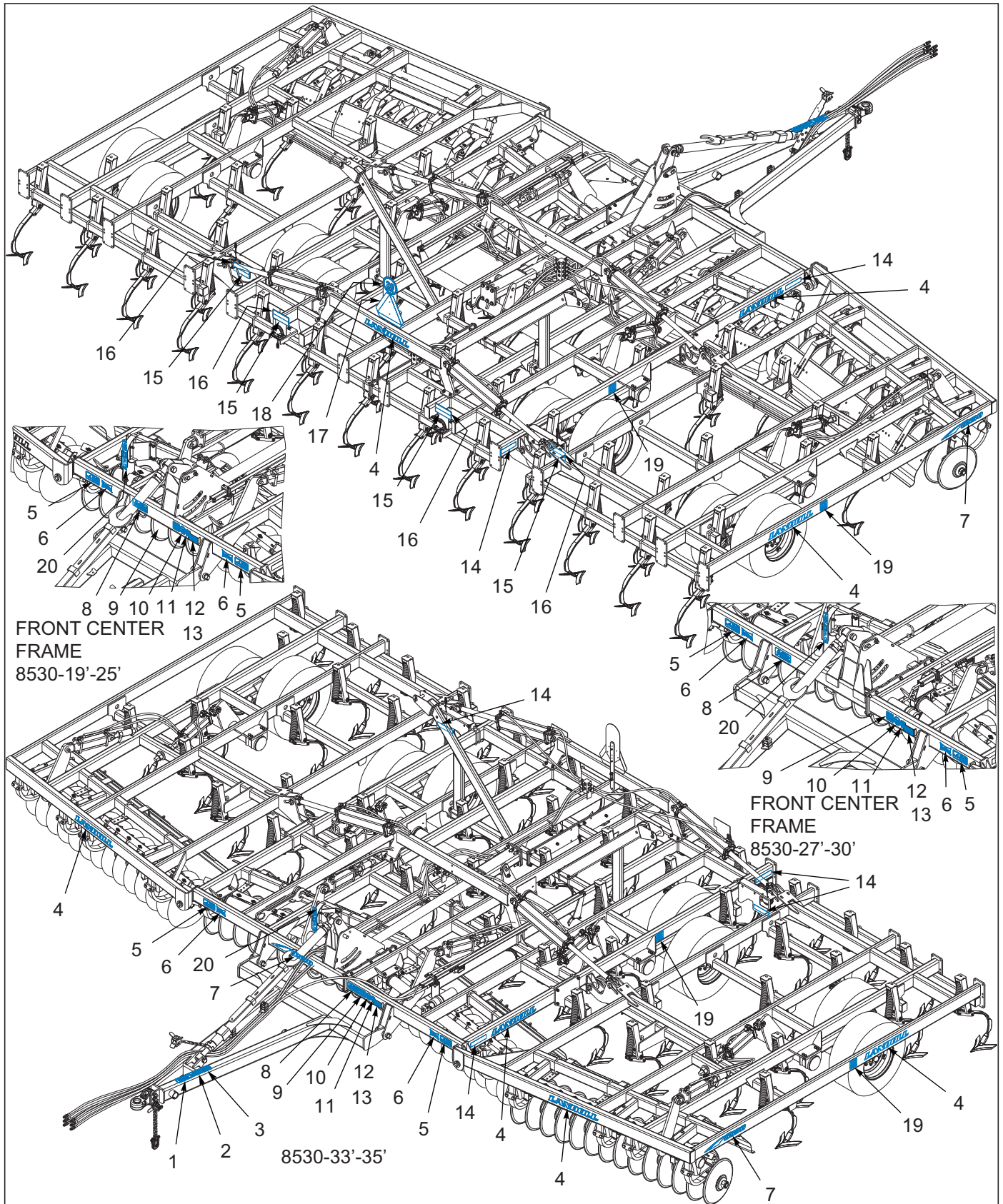


Figure 9-2: Decals (2 of 2)

Decals

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	8-573-010084	DECAL WARNING BEFORE OPERATG	1
2	141597	DECAL, DANGER ELECTROCUTION	1
3	155523	DECAL, HOSE IDENTIFICATION	1
4	141260	DECAL, LANDOLL	7
5	2-573-010037	DECAL, DANGER, WING	2
6	141259	DECAL, LANDOLL, YELLOW	2
7	181881	DECAL, MODEL 8530	3
8	174448	DECAL, IMPORTANT	1
9	232183	DECAL, QR CODE 8500 SERIES	1
10	144193	DECAL, SIS 20 MPH	1
11	2-573-010198	DECAL, MEMBER FEMA	1
12	1-573-010006	PLACARD, NAME	1
13	156010	RIVET, BLIND .156X1/2 GRIP	2
14	528934	REFLECTOR - YELLOW	6
15	528933	REFLECTOR - RED	4
16	528938	STRIPE, ORANGE	4
17	70260977	SMV EMBLEM	1
18	224589	DECAL, SIS 20 MILE/H	1
19	247227	DECAL, DANGER CRUSHING	4
20	141263	DECAL, LEVEL INDICATOR	1

[illegible]

Attachments

4 Row Coil Tine Harrow Layout 8530-19'

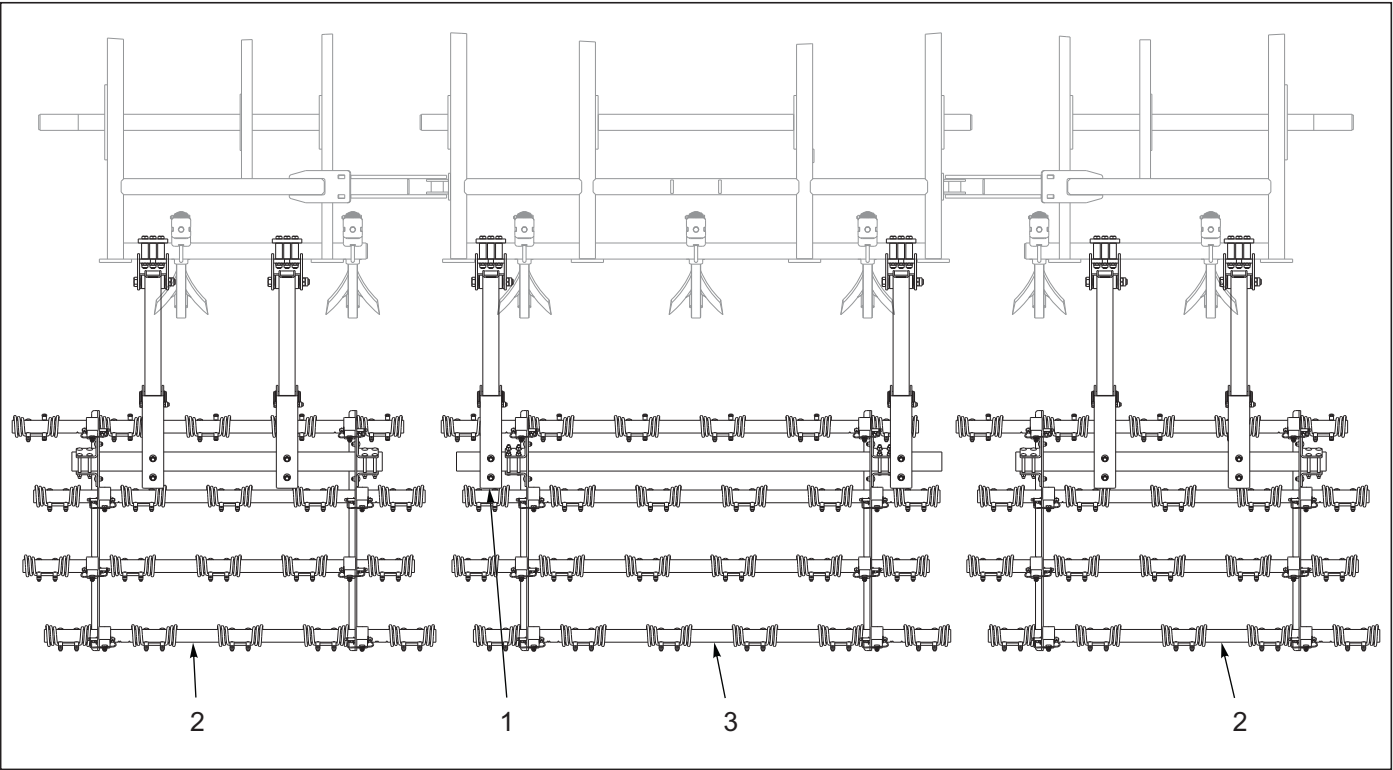


Figure 10-1: 4 Row Coil Tine Harrow Layout 8530-19'

4 Row Coil Tine Harrow Layout 8530-19'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	232380	4 ROW CT HARROW 8530-19	
1	229061	HARROW ARM ASSY, COIL TINE (SEE PAGE 10-9)	6
2	229072	HARROW ASSY, 5 TINE 8 IN (SEE PAGE 10-11)	2
3	229073	HARROW ASSY, 6 TINE 8 IN (SEE PAGE 10-11)	1

4 Row Coil Tine Harrow Layout 8530-22'

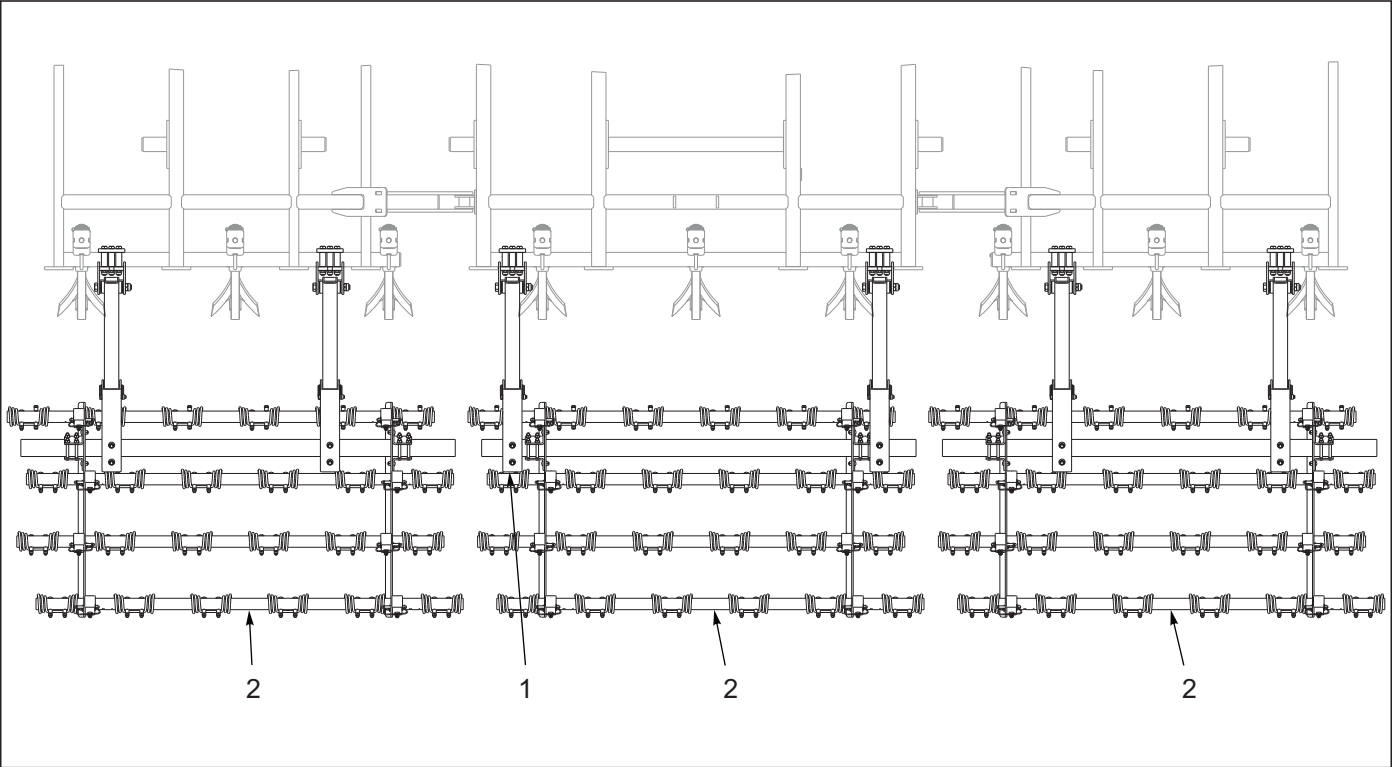


Figure 10-2: 4 Row Coil Tine Harrow Layout 8530-22'

4 Row Coil Tine Harrow Layout 8530-22'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	232381	4 ROW CT HARROW 8530-22	
1	229061	HARROW ARM ASSY, COIL TINE (SEE PAGE 10-9)	6
2	229073	HARROW ASSY, 6 TINE 8 IN (SEE PAGE 10-11)	3

4 Row Coil Tine Harrow Layout 8530-25'

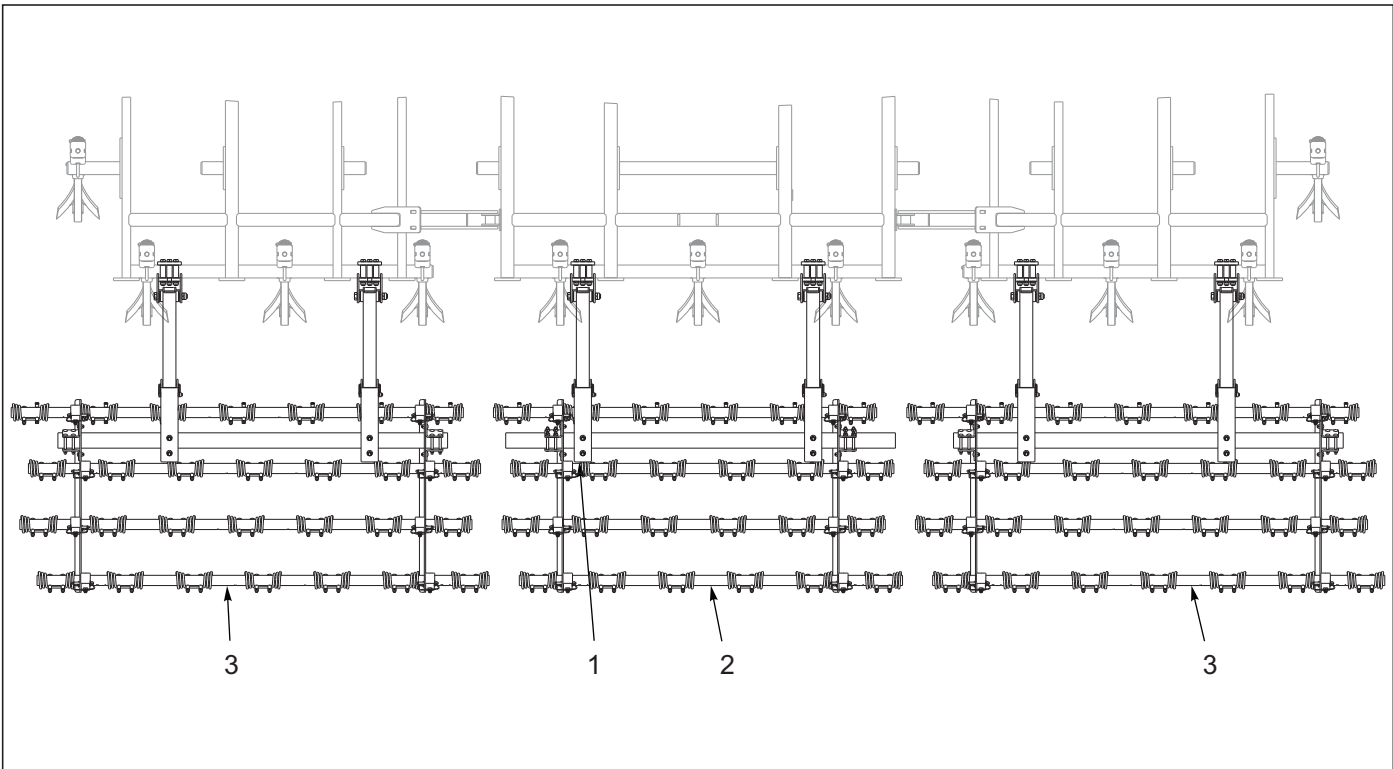


Figure 10-3: 4 Row Coil Tine Harrow Layout 8530-25'

4 Row Coil Tine Harrow Layout 8530-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	232382	4 ROW CT HARROW 8530-25	
1	229061	HARROW ARM ASSY, COIL TINE (SEE PAGE 10-9)	6
2	229073	HARROW ASSY, 6 TINE 8 IN (SEE PAGE 10-11)	1
3	229074	HARROW ASSY, 7 TINE 8 IN (SEE PAGE 10-11)	2

4 Row Coil Tine Harrow Layout 8530-27'

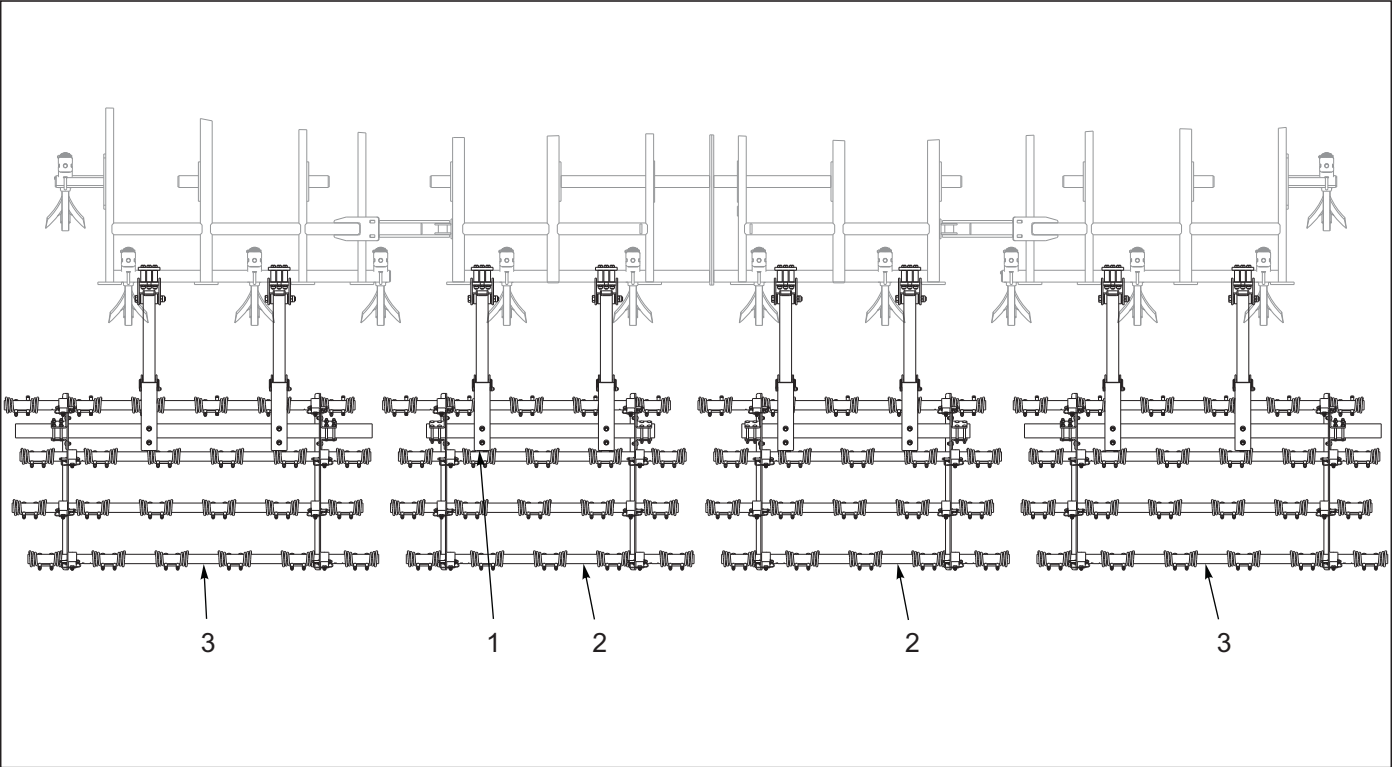


Figure 10-4: 4 Row Coil Tine Harrow Layout 8530-27'

4 Row Coil Tine Harrow Layout 8530-27'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	232383	4 ROW CT HARROW 8530-27	
1	229061	HARROW ARM ASSY, COIL TINE (SEE PAGE 10-9)	8
2	229072	HARROW ASSY, 5 TINE 8 IN (SEE PAGE 10-11)	2
3	229073	HARROW ASSY, 6 TINE 8 IN (SEE PAGE 10-11)	2

4 Row Coil Tine Harrow Layout 8530-30'

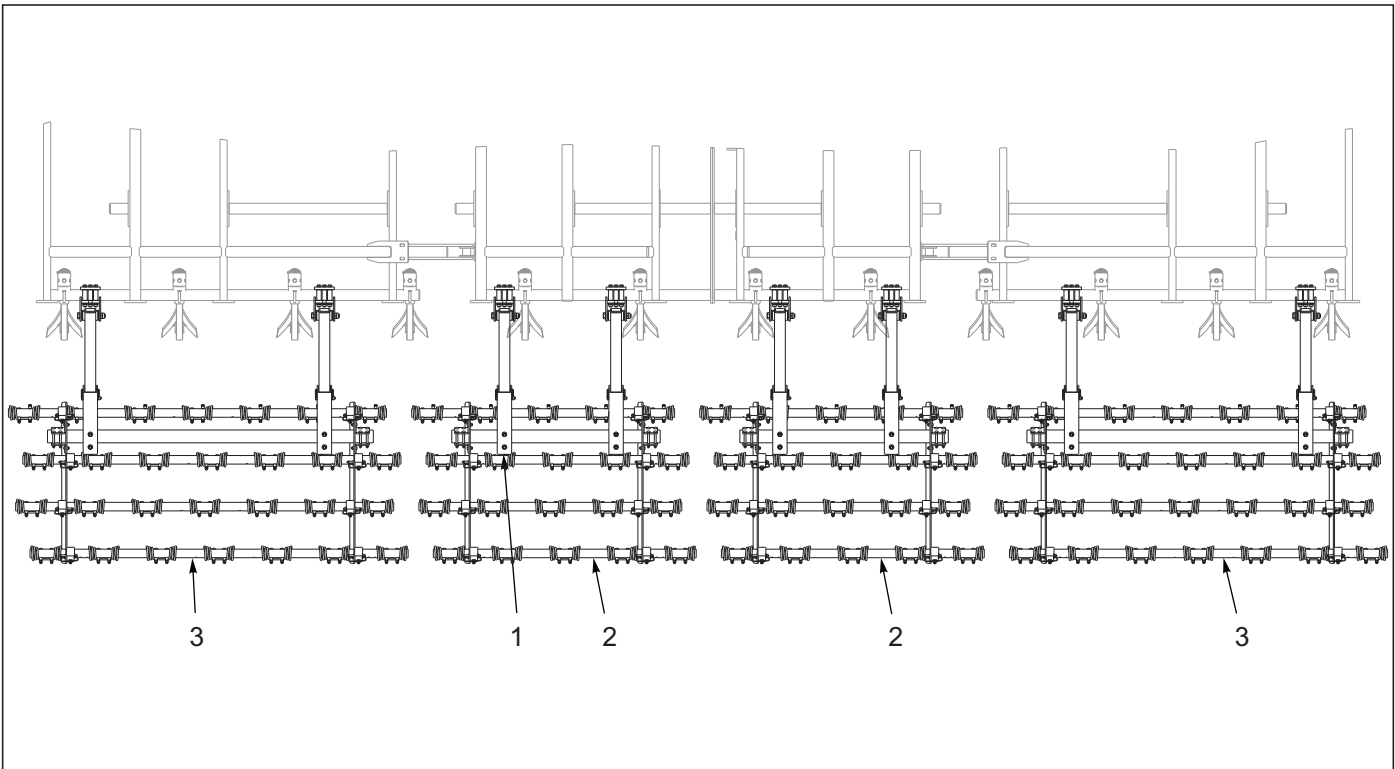


Figure 10-5: 4 Row Coil Tine Harrow Layout 8530-30'

4 Row Coil Tine Harrow Layout 8530-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	232384	4 ROW CT HARROW 8530- 30	
1	229061	HARROW ARM ASSY, COIL TINE (SEE PAGE 10-9)	8
2	229072	HARROW ASSY, 5 TINE 8 IN (SEE PAGE 10-11)	2
3	229074	HARROW ASSY, 7 TINE 8 IN (SEE PAGE 10-11)	2

4 Row Coil Tine Harrow Layout 8530-33'

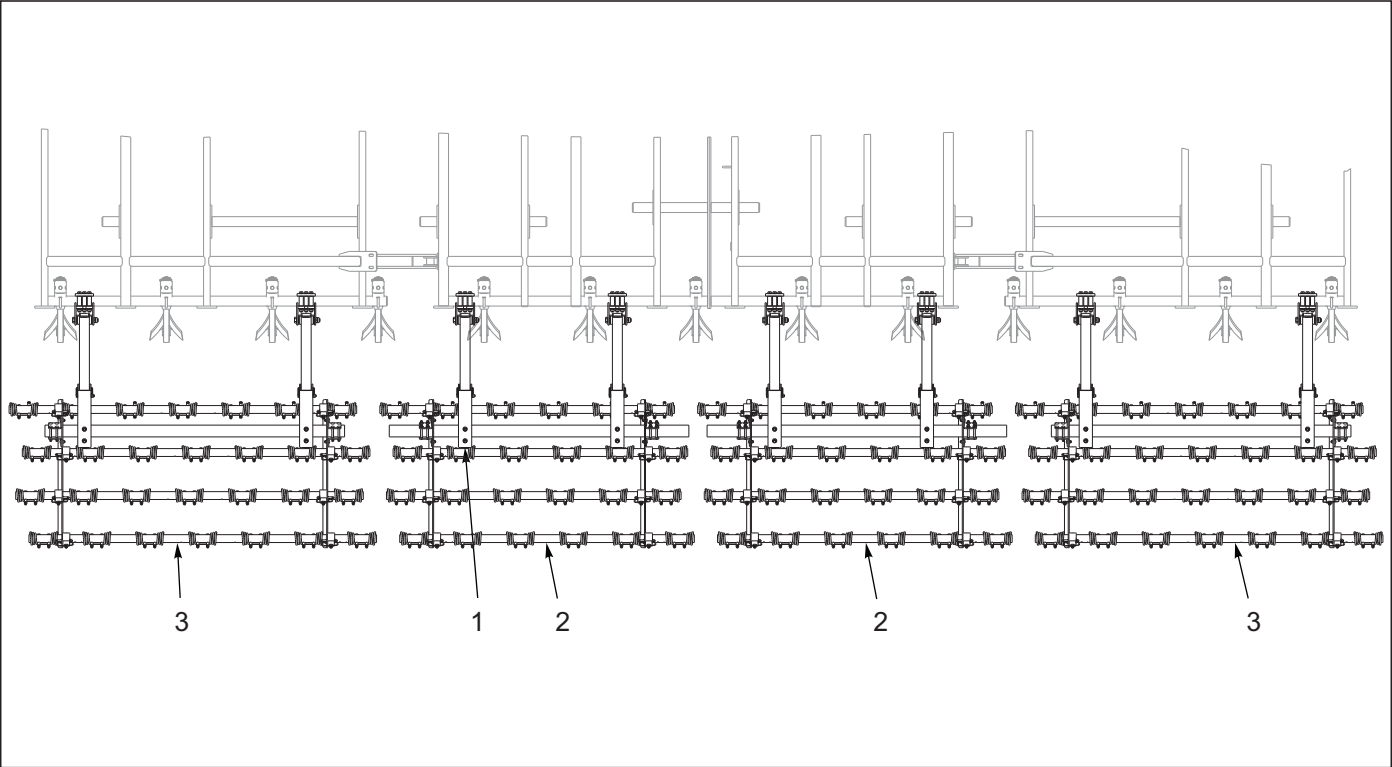


Figure 10-6: 4 Row Coil Tine Harrow Layout 8530-33'

4 Row Coil Tine Harrow Layout 8530-33'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	232385	4 ROW CT HARROW 8530-33	
1	229061	HARROW ARM ASSY, COIL TINE (SEE PAGE 10-9)	6
2	229073	HARROW ASSY, 6 TINE 8 IN (SEE PAGE 10-11)	2
3	229074	HARROW ASSY, 7 TINE 8 IN (SEE PAGE 10-11)	2

4 Row Coil Tine Harrow Layout 8530-35'

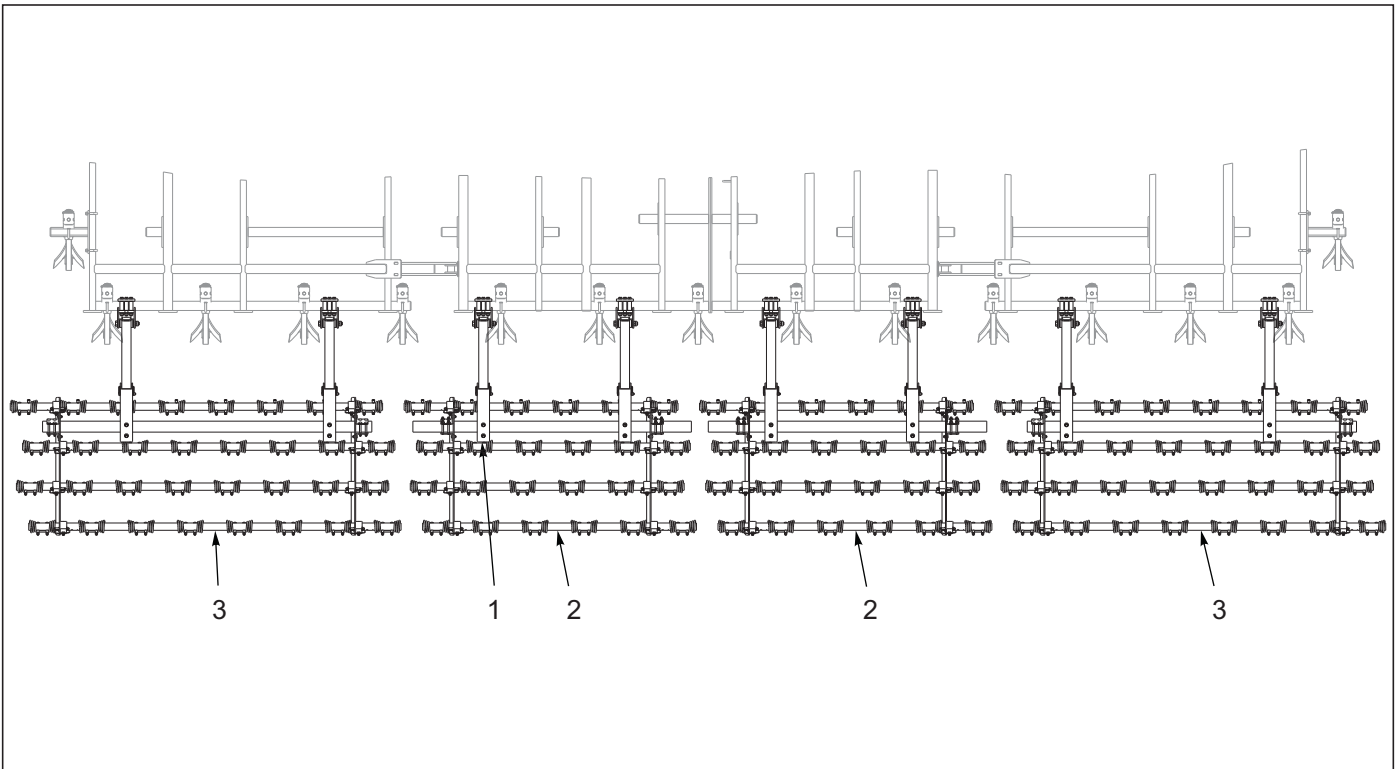


Figure 10-7: 4 Row Coil Tine Harrow Layout 8530-35'

4 Row Coil Tine Harrow Layout 8530-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	232386	4 ROW CT HARROW 8530-35	
1	229061	HARROW ARM ASSY, COIL TINE (SEE PAGE 10-9)	8
2	229073	HARROW ASSY, 6 TINE 8 IN (SEE PAGE 10-11)	2
3	229075	HARROW ASSY, 8 TINE 8 IN (SEE PAGE 10-11)	2

[illegible]

Coil Tine Harrow Arm Assembly

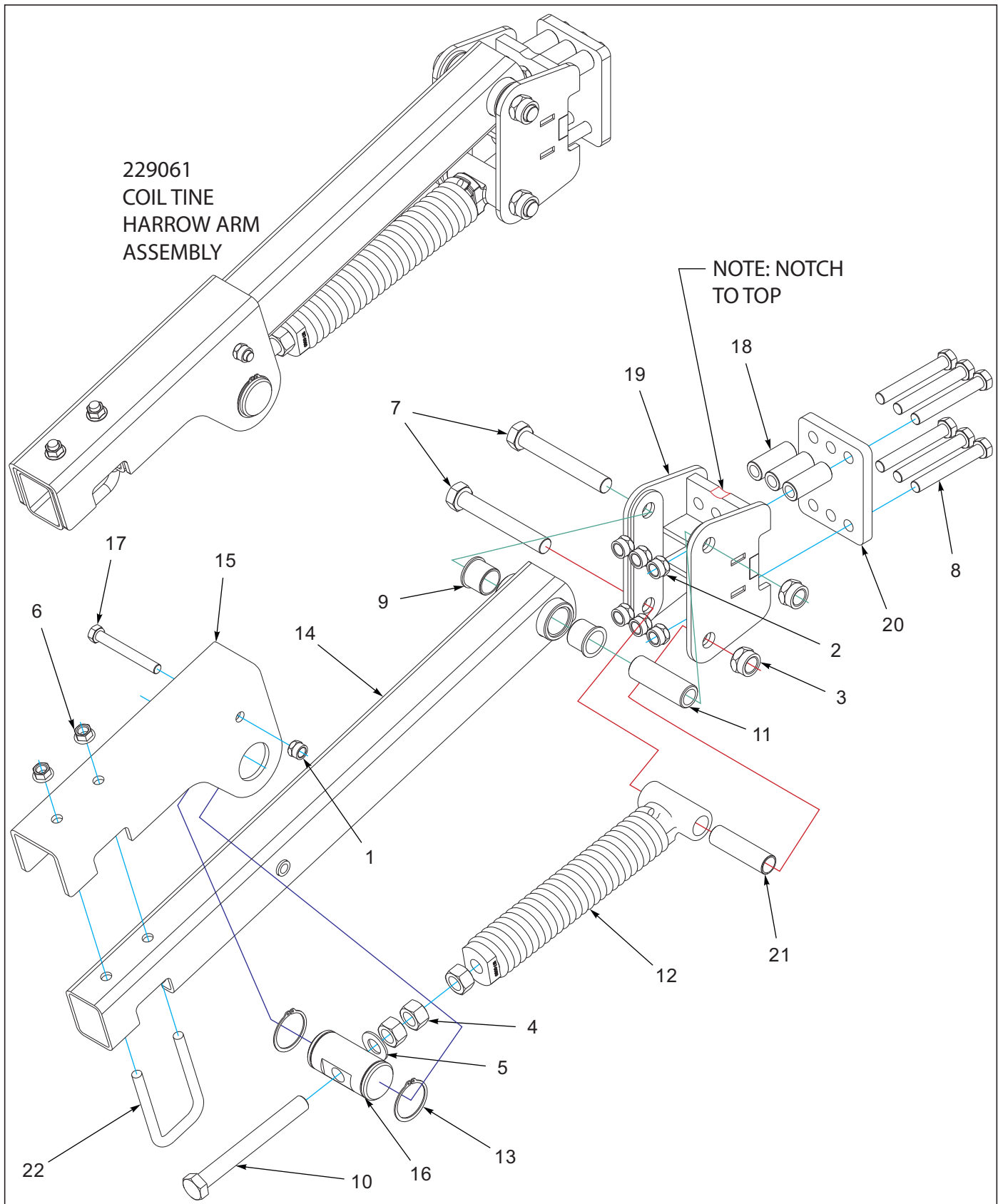


Figure 10-8: Coil Tine Harrow Arm Assembly

Coil Tine Harrow Arm Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	229061	HARROW ARM ASSY, COIL TINE	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	1
2	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	6
3	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	2
4	1-512-010007-14	NUT, HEX 1-8 GR2 ZP	3
5	1-861-010032-24	WASHER FL 1IN NARROW ZP	1
6	100827	NUT,FLG HD,SERRATED,5/8-11	2
7	100830	SCREW,HEX CAP,1-8X7,GR5	2
8	139201	SCREW,HX CP 3/4-10UNCX5.50GR8	6
9	140599	BEARING, FLANGE 1-1/2"	2
10	152210	BOLT, ADJ, 1 X 9	1
11	155002	BUSHING PIVOT 1-1/2	1
12	155963	SPRING ASSY, HVY - 17"	1
13	158896	SNAP RING, 2-1/2 SHAFT	2
14	164331	ARM, TINE HARROW	1
15	164335	MOUNT, HARROW ARM SPRING	1
16	164336	PIN, ADJUSTMENT W/SNAP RING	1
17	172830	SCREW HX CP 5/8-11X5 GR8	1
18	211056	BUSHING, CLAMP 3" L	3
19	229062	MOUNT, TINE HARROW	1
20	229063	MOUNTING PLATE, HARROW	1
21	229068	BUSHING, PIVOT - 1-1/4	1
22	8-102-010043	U-BOLT, SPRING CLAMP	1

4 Row Coil Tine Harrow Assembly

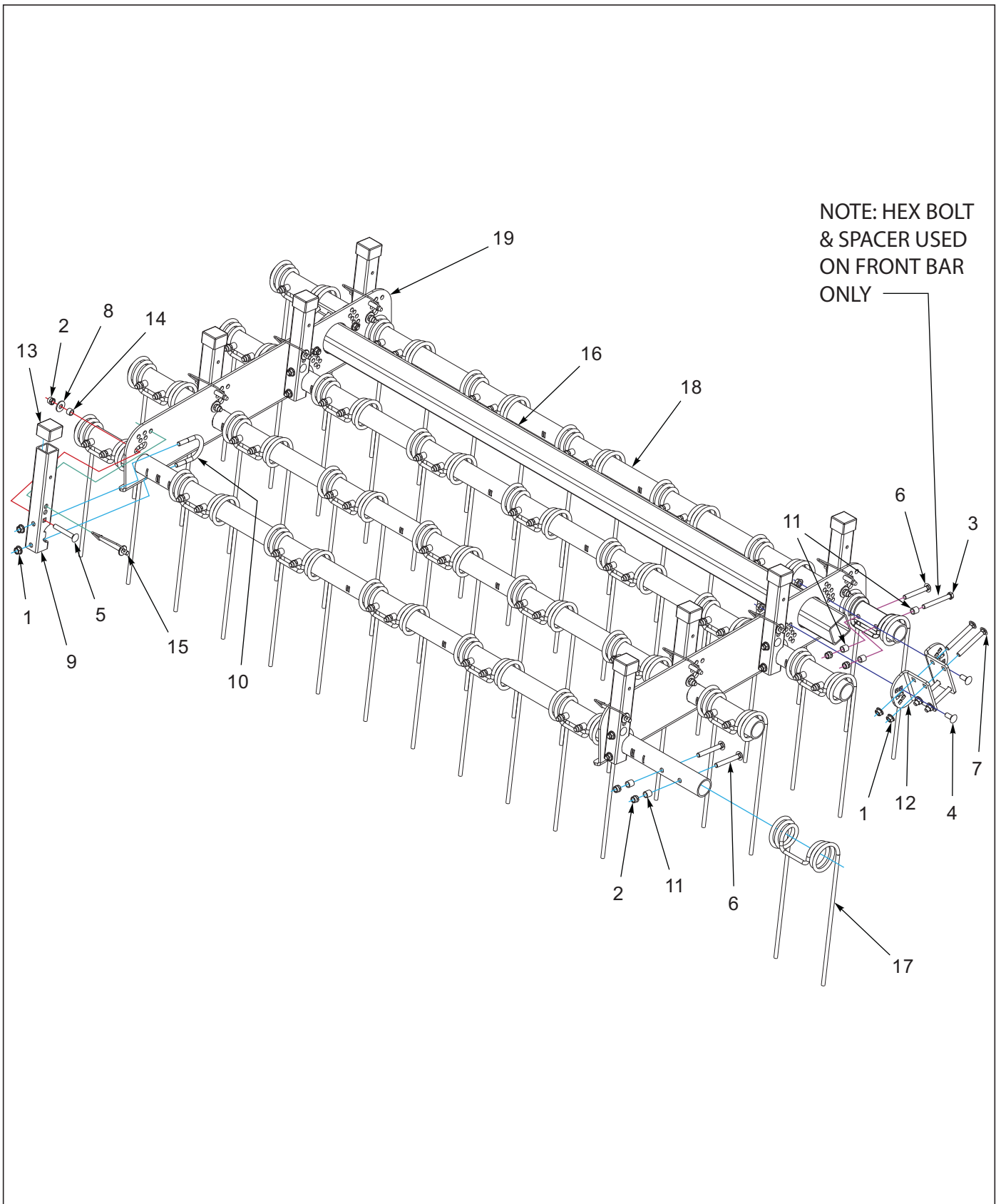


Figure 10-9: 4 Row Coil Tine Harrow Assembly

4 Row Coil Tine Harrow Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.			
--	229072	HARROW ASSY, 5 TINE 8 IN	*			
--	229073	HARROW ASSY, 6 TINE 8 IN		*		
--	229074	HARROW ASSY, 7 TINE 8 IN			*	
--	229075	HARROW ASSY, 8 TINE 8 IN				*
1	1-510-010003-09	NUT,1/2-13 FLANGE HD,SERRATED	28	28	28	28
2	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	48	56	64	72
3	1-654-010055-14	SCREW,HX CP,1/2-13UNCX4-1/2G5	5	6	7	8
4	1-654-010070-02	SCREW 1/2-13X1-1/4 RD HD SQNK	4	4	4	4
5	1-654-010070-11	SCREW,RDHD,SQNK 1/2-13X3-1/2	8	8	8	8
6	1-654-010070-13	SCREW,RH HD, SQ NCK 1/2-13X4	35	42	49	56
7	1-654-010070-14	SCREW 1/2-13X4-1/2RDHD SQNK	8	8	8	8
8	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	8	8	8	8
9	154994	TUBE ANGLE ADJUST	8	8	8	8
10	154995	U-BOLT, 1/2	8	8	8	8
11	154997	TUBE 0.75ODX0.532IDX0.75 ZP	45	54	63	72
12	154998	PLATE ANGLE ADJUSTMENT	4	4	4	4
13	155927	CAP, TUBE 1.95X1.5 BLACK	8	8	8	8
14	155956	BUSHING ANGLE ADJUSTMENT	8	8	8	8
15	155971	PIN, HARROW ADJ	8	8	8	8
16	156777	TUBE RIDE BAR 57.875"	1	--	--	--
16	156778	TUBE RIDE BAR 90.5"	--	1	1	--
16	155005	TUBE SQ 3 X 3/16X107	--	--	--	1
17	164315	TINE, HARROW 7/16 X 18	20	24	28	32
18	164318	GANG BAR 5 TINE 8IN 73"	4	--	--	--
18	164319	GANG BAR 6 TINE 8 IN 89"	--	4	--	--
18	164320	GANG BAR 7 TINE 8IN 105"	--	--	4	--
18	164321	GANG BAR 8 TINE 8 IN 121"	--	--	--	4
19	227628	PLATE, GANG BAR 4 ROW	2	2	2	2

3 Row Tine & Reel Layout 8530-19'

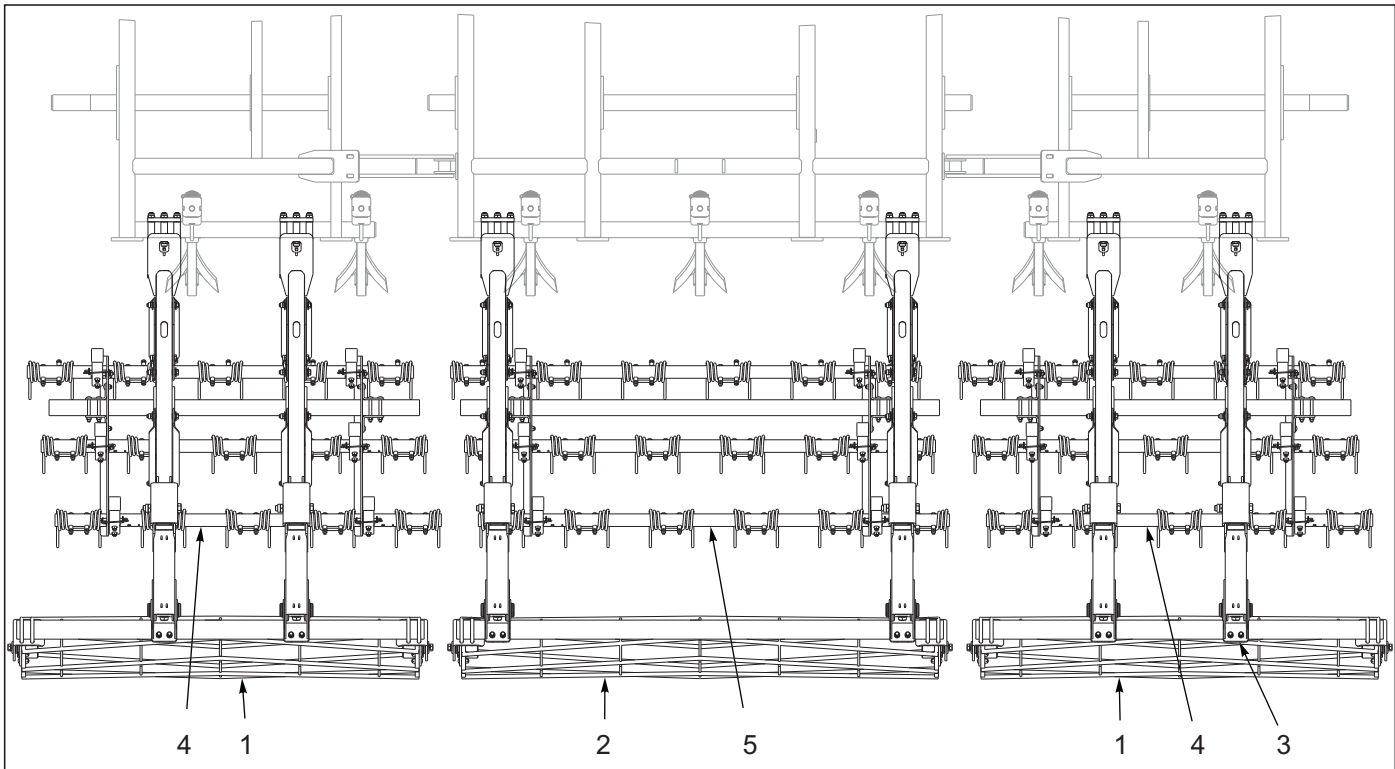


Figure 10-10: 3 Row Tine & Reel Layout 8530-19'

3 Row Tine & Reel Layout 8530-19'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	231497	3 ROW TINE & REEL, 8530-19	
1	200254	REEL ASSY 12 DIA X 75" (SEE PAGE 10-43)	2
2	200255	REEL ASSY 12 DIA X 90" (SEE PAGE 10-43)	1
3	227670	ARM ASSY, TINE & REEL(SEE PAGE 10-21)	6
4	229711	HARROW ASSY, 5 TINE 3 ROW (SEE PAGE 10-23)	2
5	229712	HARROW ASSY, 6 TINE 3 ROW (SEE PAGE 10-23)	1

3 Row Tine & Reel Layout 8530-22'

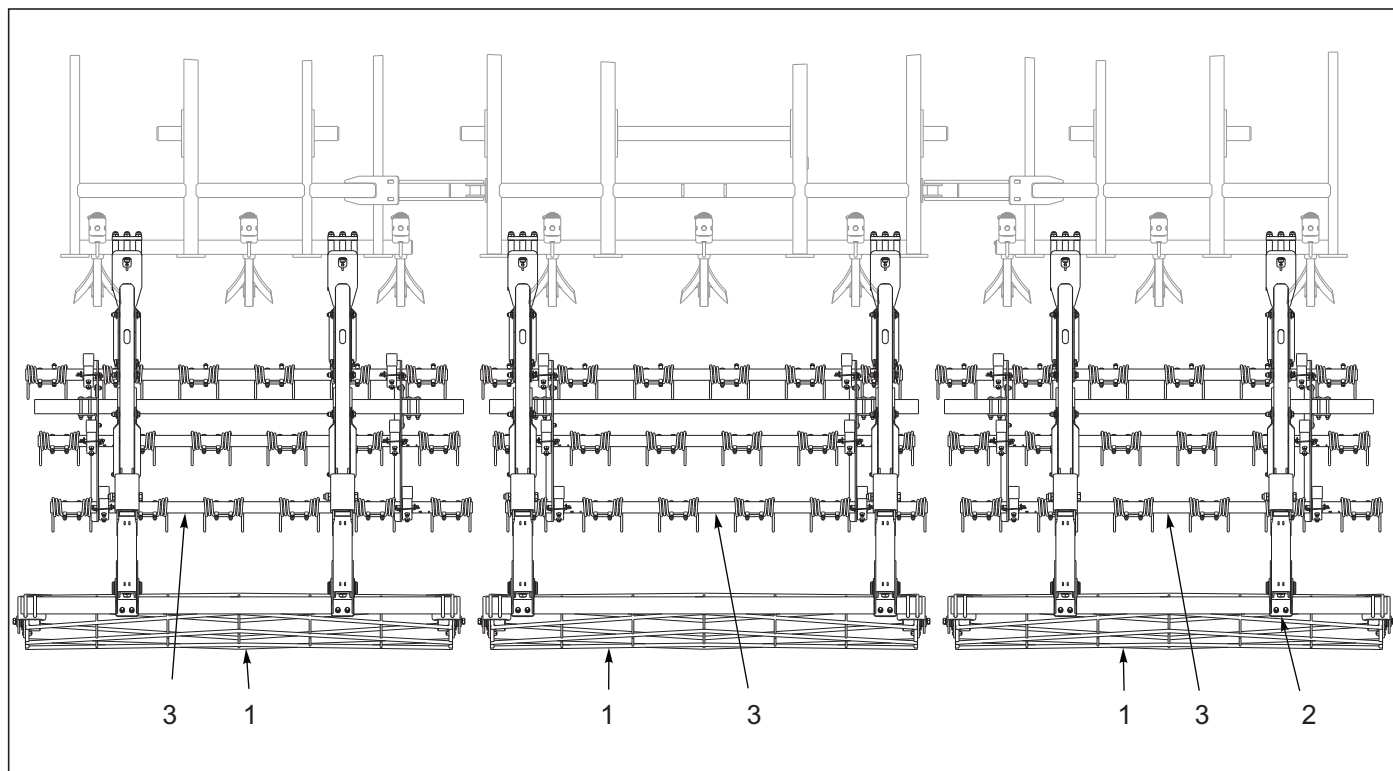


Figure 10-11: 3 Row Tine & Reel Layout 8530-22'

3 Row Tine & Reel Layout 8530-22'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	231498	3 ROW TINE & REEL, 8530-22	
1	200255	REEL ASSY 12 DIA X 90" (SEE PAGE 10-43)	3
2	227670	ARM ASSY, TINE & REEL (SEE PAGE 10-21)	6
3	229712	HARROW ASSY, 6 TINE 3 ROW (SEE PAGE 10-23)	3

3 Row Tine & Reel Layout 8530-25'

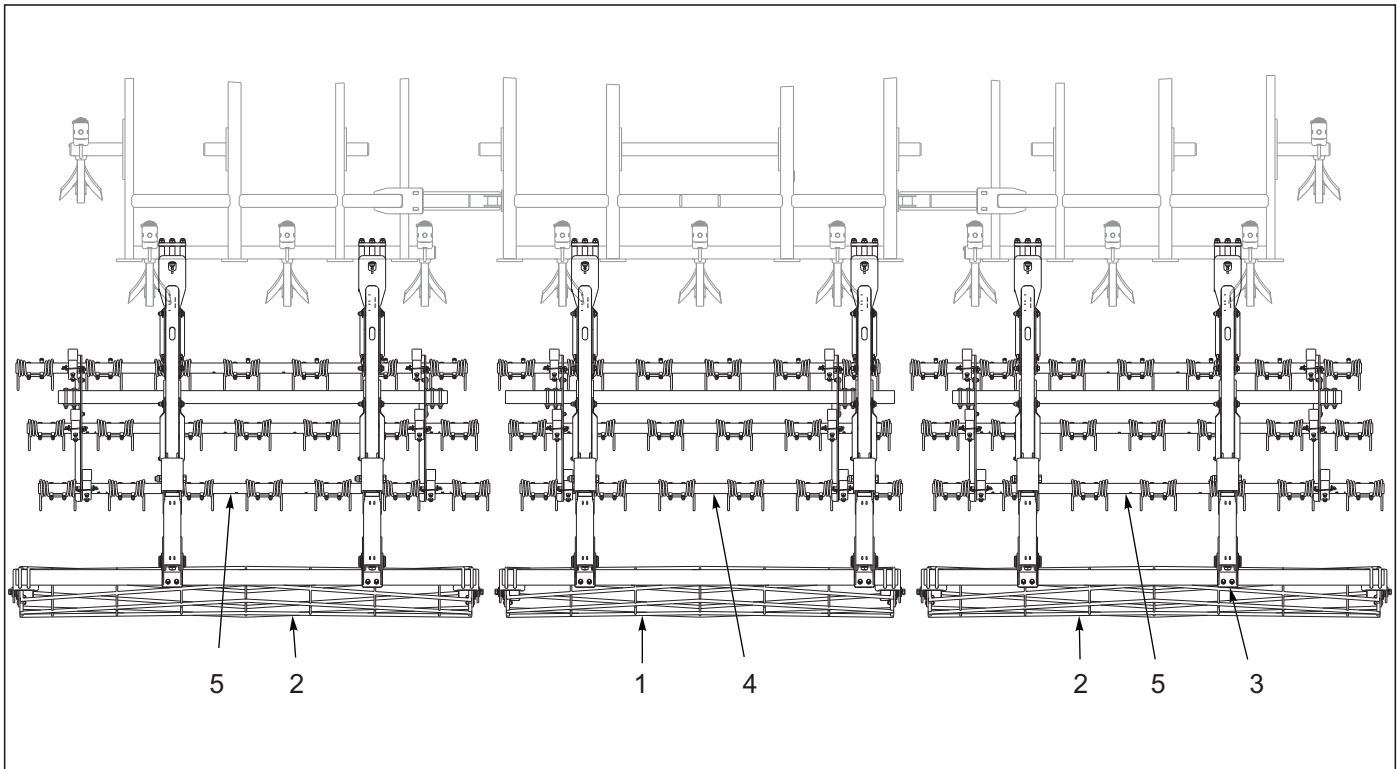


Figure 10-12: 3 Row Tine & Reel Layout 8530-25'

3 Row Tine & Reel Layout 8530-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	231499	3 ROW TINE & REEL, 8530-25	
1	200255	REEL ASSY 12 DIA X 90" (SEE PAGE 10-43)	1
2	200256	REEL ASSY 12 DIA X 105" (SEE PAGE 10-43)	2
3	227670	ARM ASSY, TINE & REEL (SEE PAGE 10-21)	6
4	229712	HARROW ASSY, 6 TINE 3 ROW (SEE PAGE 10-23)	1
5	229713	HARROW ASSY, 7 TINE 3 ROW (SEE PAGE 10-23)	2

3 Row Tine & Reel Layout 8530-27'

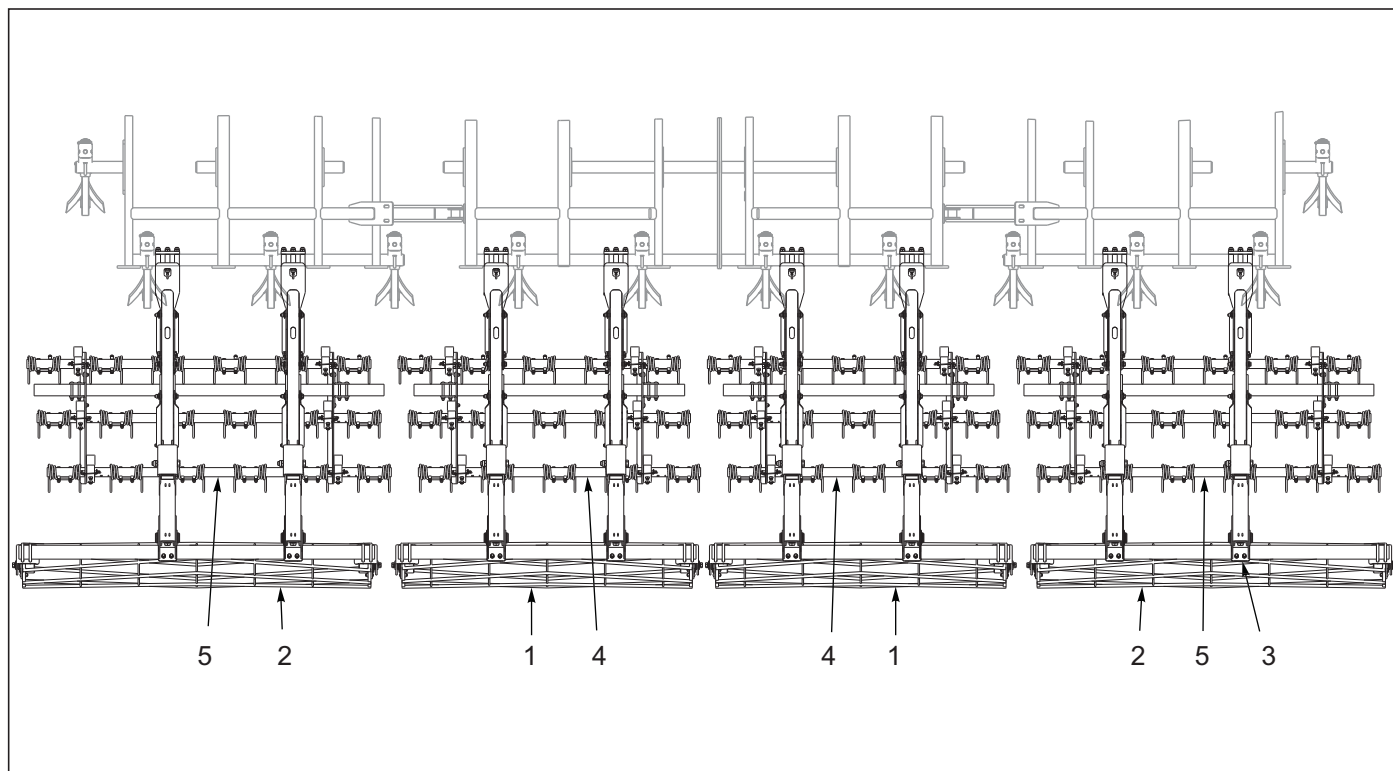


Figure 10-13: 3 Row Tine & Reel Layout 8530-27'

3 Row Tine & Reel Layout 8530-27'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	231500	3 ROW TINE & REEL, 8530-27	
1	200254	REEL ASSY 12 DIA X 75" (SEE PAGE 10-43)	2
2	200255	REEL ASSY 12 DIA X 90" (SEE PAGE 10-43)	2
3	227670	ARM ASSY, TINE & REEL(SEE PAGE 10-21)	8
4	229711	HARROW ASSY, 5 TINE 3 ROW (SEE PAGE 10-23)	2
5	229712	HARROW ASSY, 6 TINE 3 ROW (SEE PAGE 10-23)	2

3 Row Tine & Reel Layout 8530-30'

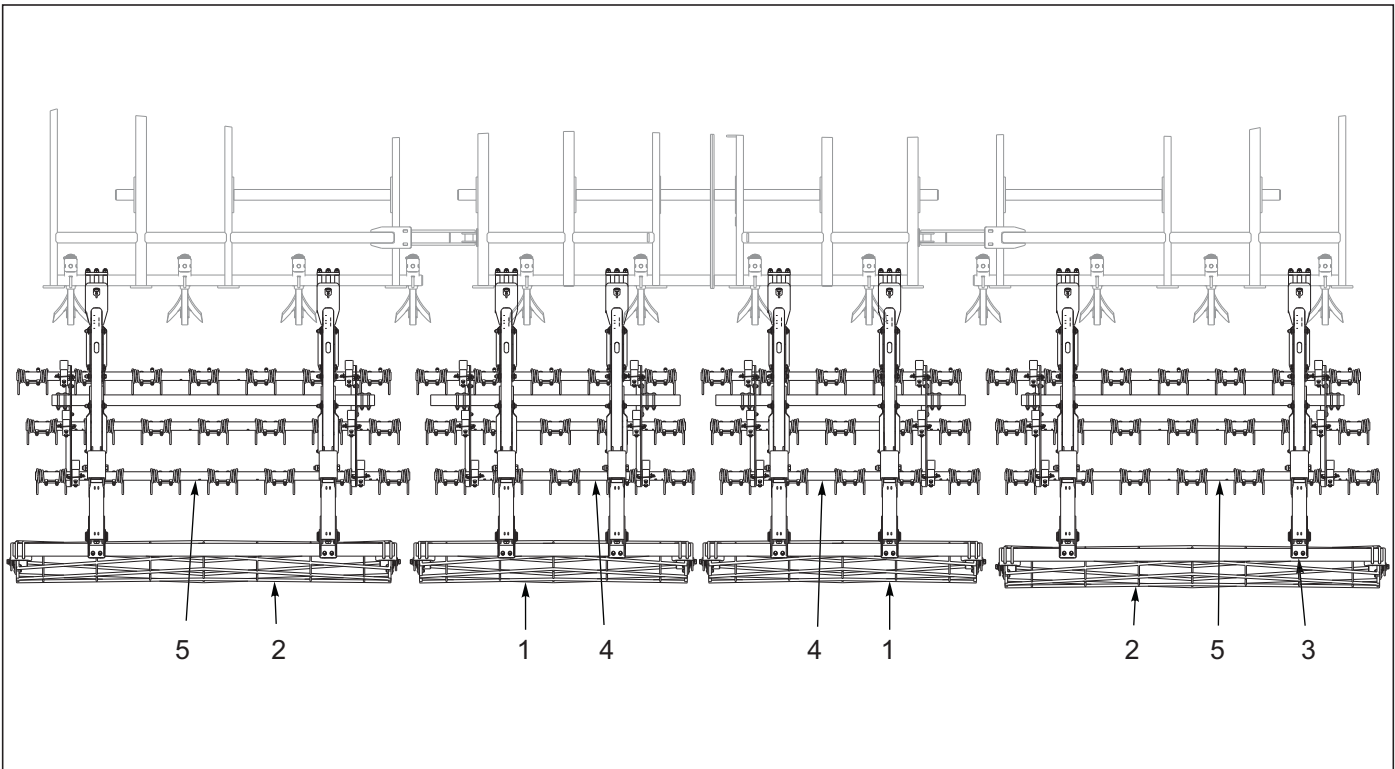


Figure 10-14: 3 Row Tine & Reel Layout 8530-30'

3 Row Tine & Reel Layout 8530-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	231501	3 ROW TINE & REEL, 8530-30	
1	200254	REEL ASSY 12 DIA X 75" (SEE PAGE 10-43)	2
2	200256	REEL ASSY 12 DIA X 105" (SEE PAGE 10-43)	2
3	227670	ARM ASSY, TINE & REEL (SEE PAGE 10-21)	8
4	229711	HARROW ASSY, 5 TINE 3 ROW (SEE PAGE 10-23)	2
5	229713	HARROW ASSY, 7 TINE 3 ROW (SEE PAGE 10-23)	2

3 Row Tine & Reel Layout 8530-33'

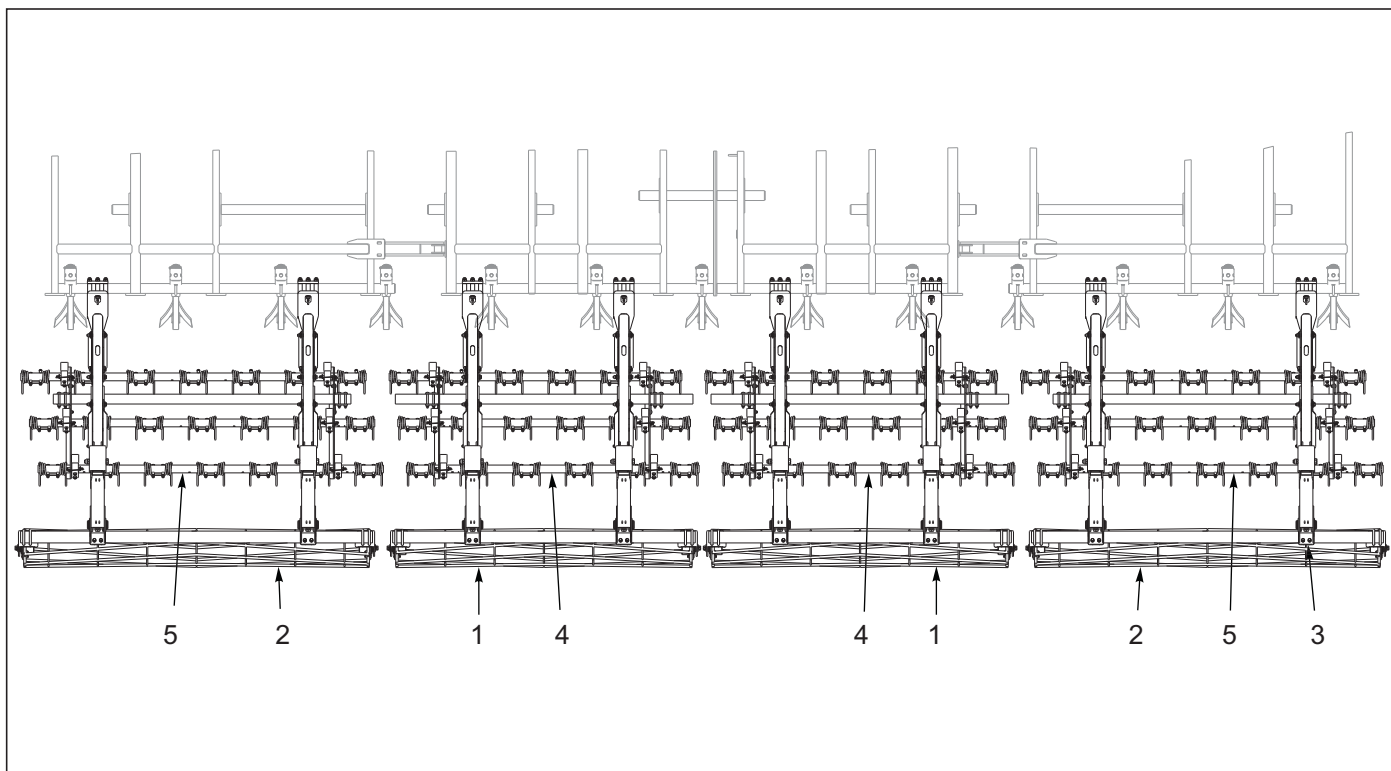


Figure 10-15: 3 Row Tine & Reel Layout 8530-33'

3 Row Tine & Reel Layout 8530-33'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	231502	3 ROW TINE & REEL, 8530-33	
1	200255	REEL ASSY 12 DIA X 90" (SEE PAGE 10-43)	2
2	200256	REEL ASSY 12 DIA X 105" (SEE PAGE 10-43)	2
3	227670	ARM ASSY, TINE & REEL (SEE PAGE 10-21)	8
4	229712	HARROW ASSY, 6 TINE 3 ROW (SEE PAGE 10-23)	2
5	229713	HARROW ASSY, 7 TINE 3 ROW (SEE PAGE 10-23)	2

3 Row Tine & Reel Layout 8530-35'

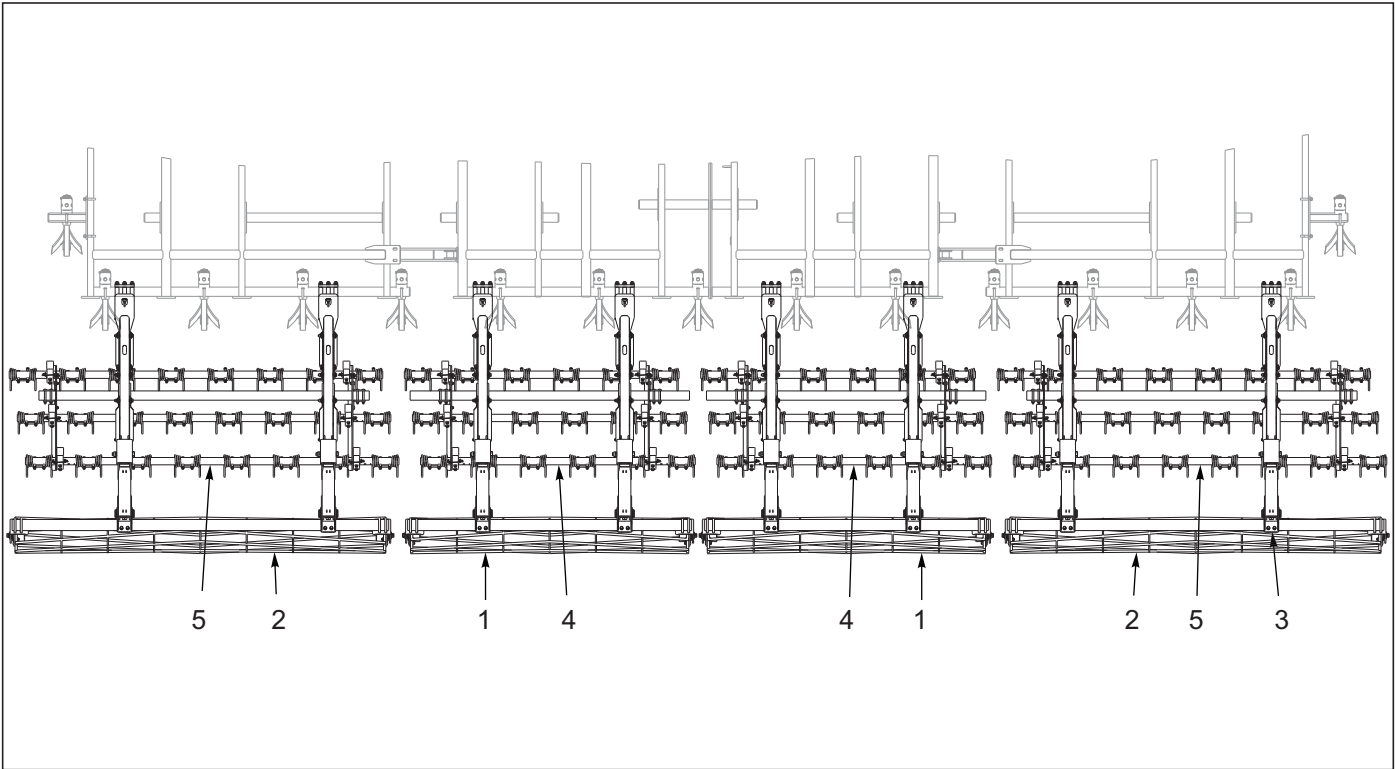


Figure 10-16: 3 Row Tine & Reel Layout 8530-35'

3 Row Tine & Reel Layout 8530-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	231503	3 ROW TINE & REEL, 8530-35	
1	200255	REEL ASSY 12 DIA X 90" (SEE PAGE 10-43)	2
2	200257	REEL ASSY 12 DIA X 120" (SEE PAGE 10-43)	2
3	227670	ARM ASSY, TINE & REEL (SEE PAGE 10-21)	8
4	229712	HARROW ASSY, 6 TINE 3 ROW (SEE PAGE 10-23)	2
5	229714	HARROW ASSY, 8 TINE 3 ROW (SEE PAGE 10-23)	2

[illegible]

Tine & Reel Arm Assembly

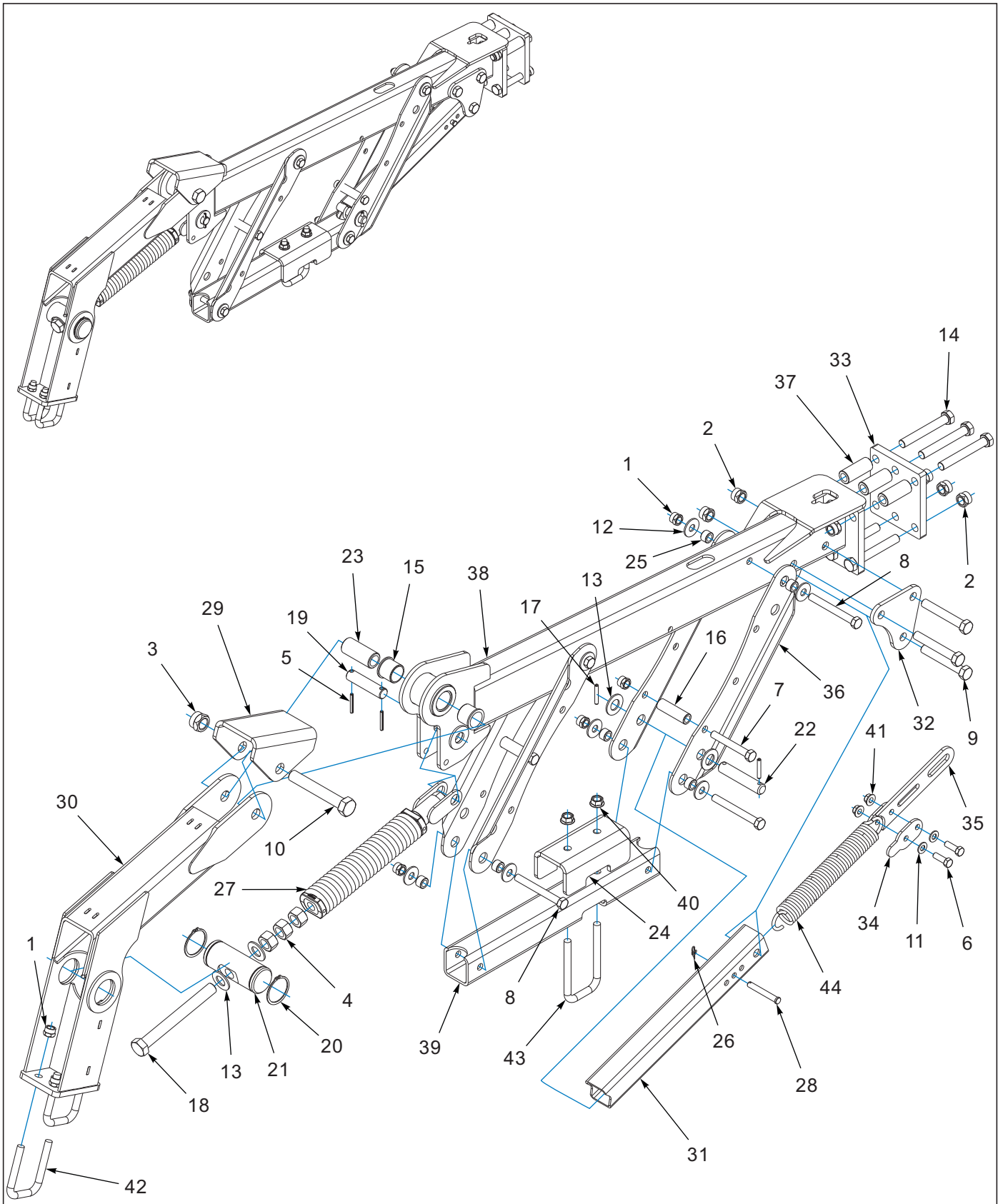


Figure 10-17: Tine & Reel Arm Assembly

Tine & Reel Arm Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	227670	ARM ASSY, TINE & REEL	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	10
2	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	9
3	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	1
4	1-512-010007-14	NUT, HEX 1-8 GR2 ZP	3
5	1-647-010004221	PIN,SPRING 1/4X2 SLOTTED	2
6	1-654-010055-03	SCREW,HEX CAP,1/2-13UNCX1-1/2	2
7	1-654-010059-14	SCREW HX CP,5/8-11UNCX4-1/2G5	2
8	1-654-010059-16	SCREW,HEX CAP,5/8-11UNCX5.50	4
9	1-654-010061-15	SCREW,HX CP 3/4-10UNCX5 GR5	3
10	1-654-010125-18	SCREW HEX CAP,1-8UNCX6-1/2GR8	1
11	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	2
12	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	8
13	1-861-010032-24	WASHER FL 1IN NARROW ZP	4
14	139201	SCREW,HX CP 3/4-10UNCX5.50GR8	6
15	140599	BEARING, FLANGE 1-1/2"	2
16	144325	BUSHING,PRESS WHEEL	2
17	147072	PIN, SPRING SLOTTED 5/16 X 2	2
18	152210	BOLT, ADJ, 1 X 9	1
19	156785	PIN 1 X 4-1/4	1
20	158896	SNAP RING, 2-1/2 SHAFT	2
21	158897	PIN, ADJUSTMENT	1
22	164293	PIN, 1 X 5-1/8	1
23	168739	BUSHING PIVOT 1-1/2 X 3-7/16	1
24	168753	CONNECTOR, HARROW LINK	1
25	168762	BUSHING, 1 X .640 X 5/8	8
26	172673	WRAP AROUND LOCKING COTTER	1
27	172677	SPRING ASSY, W/ANCHOR	1
28	176625	PIN, CLEVIS 1/2 X 3-1/2	1
29	191459	STOP, HARROW ARM	1
30	199359	ARM WLDMT REEL	1
31	199376	TUBE, HARROW SPRING	1
32	199390	BRACKET, SPRING HOOK	2
33	208187	MOUNTING PLATE, HARROW 6-BOLT	1
34	209797	CLAMP, SPRING	2
35	209798	STOP, HARROW SPRING	1
36	209799	MOUNT, HARROW BAR	2
37	211056	BUSHING, CLAMP 3" L	3
38	227666	ARM, HARROW 6-BOLT WLDMT	1
39	227671	MOUNT, TINE BAR	1
40	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	2
41	4K552	SELF-LOCKING FLANGE NUT 1/2-13	2
42	8-102-010012	U BOLT	2
43	8-102-010043	U-BOLT, SPRING CLAMP	1
44	8-720-010011	HARROW SPRING	1

3 Row Coil Tine Harrow Assembly

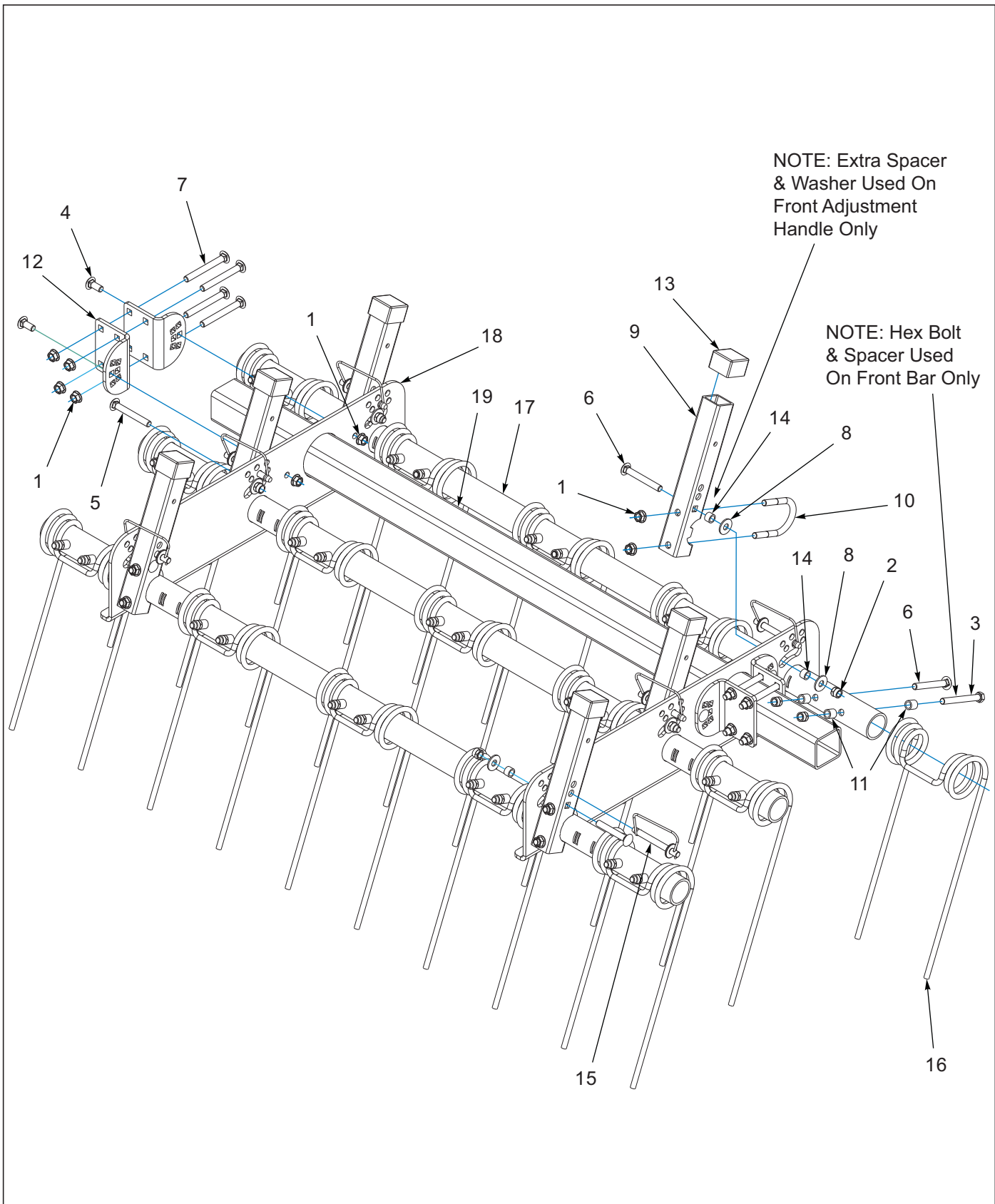


Figure 10-18: 3 Row Coil Tine Harrow Assembly

3 Row Coil Tine Harrow Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.			
--	229711	HARROW ASSY, 5 TINE 3 ROW	*			
--	229712	HARROW ASSY, 6 TINE 3 ROW		*		
--	229713	HARROW ASSY, 7 TINE 3 ROW			*	
--	229714	HARROW ASSY, 8 TINE 3 ROW				*
1	1-510-010003-09	NUT,1/2-13 FLANGE HD,SERRATED	24	24	24	24
2	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	36	42	48	54
3	1-654-010055-14	SCREW,HX CP,1/2-13UNCX4-1/2G5	6	6	6	8
4	1-654-010070-02	SCREW 1/2-13X1-1/4 RD HD SQNK	4	4	4	4
5	1-654-010070-11	SCREW,RDHD,SQNK 1/2-13X3-1/2	4	4	4	4
6	1-654-010070-13	SCREW,RH HD, SQ NCK 1/2-13X4	27	32	37	42
7	1-654-010070-14	SCREW 1/2-13X4-1/2RDHD SQNCK	8	8	8	8
8	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	8	8	8	8
9	154994	TUBE ANGLE ADJUST	6	6	6	6
10	154995	U-BOLT, 1/2	6	6	6	6
11	154997	TUBE 0.75ODX0.532IDX0.75 ZP	35	42	49	56
12	154998	PLATE ANGLE ADJUSTMENT	4	4	4	4
13	155927	CAP, TUBE 1.95X1.5 BLACK	6	6	6	6
14	155956	BUSHING ANGLE ADJUSTMENT	8	8	8	8
15	155971	PIN, HARROW ADJ	6	6	6	6
16	164315	TINE, HARROW 7/16 X 18	15	18	21	24
17	164318	GANG BAR 5 TINE 8IN 73"	3	--	--	--
17	164319	GANG BAR 6 TINE 8 IN 89"	--	3	--	--
17	164320	GANG BAR 7 TINE 8IN 105"	--	--	3	--
17	164321	GANG BAR 8 TINE 8 IN 121"	--	--	--	3
18	166336	PLATE, GANG BAR 3 ROW	2	2	2	2
19	170870	TUBE, SQ 3 X 3/16 X 70	1	--	--	--
19	156778	TUBE RIDE BAR 90.5"	--	1	1	--
19	155005	TUBE SQ 3 X 3/16X107	--	--	--	1

5 Row Spike Harrow Layout 8530-19'

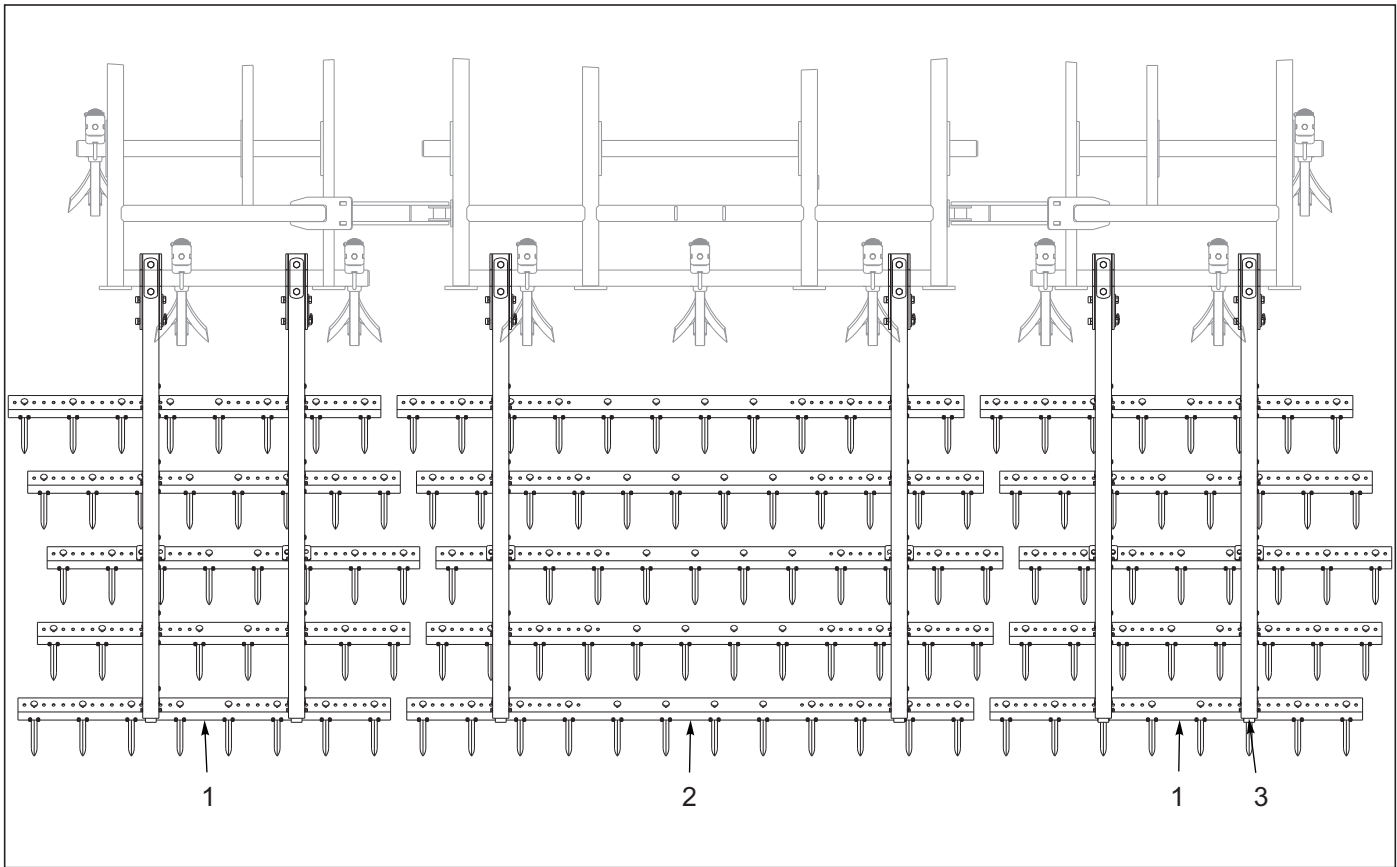


Figure 10-19: 5 Row Spike Harrow Layout 8530-19'

5 Row Spike Harrow Layout 8530-19'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	186217	5 ROW SPIKE HARROW, 8530-19'	
1	186187	SPIKE BAR ASSY, 8 TOOTH, 9SP (SEE PAGE 10-55)	10
2	186191	SPIKE BAR ASSY, 12 TOOTH, 9SP (SEE PAGE 10-55)	5
3	186195	ARM ASSY, SPIKE HARROW, 5R (SEE PAGE 10-33)	6

5 Row Spike Harrow Layout 8530-22'

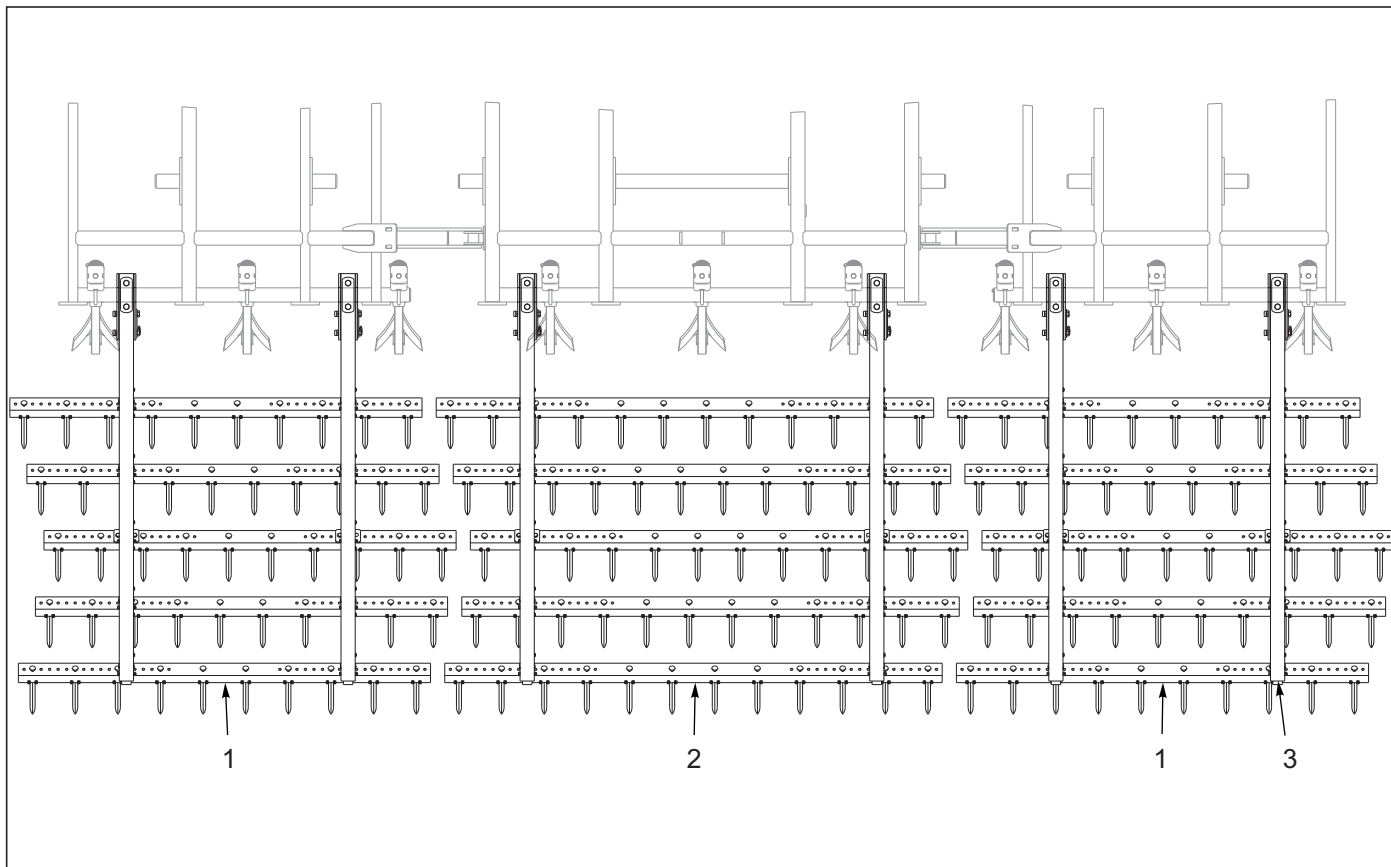


Figure 10-20: 5 Row Spike Harrow Layout 8530-22'

5 Row Spike Harrow Layout 8530-22'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	186226	5 ROW SPIKE HARROW, 8530-22'	
1	186189	SPIKE BAR ASSY, 10 TOOTH, 10SP (SEE PAGE 10-55)	10
2	186191	SPIKE BAR ASSY, 12 TOOTH, 9SP (SEE PAGE 10-55)	5
3	186195	ARM ASSY, SPIKE HARROW, 5R (SEE PAGE 10-33)	6

5 Row Spike Harrow Layout 8530-25'

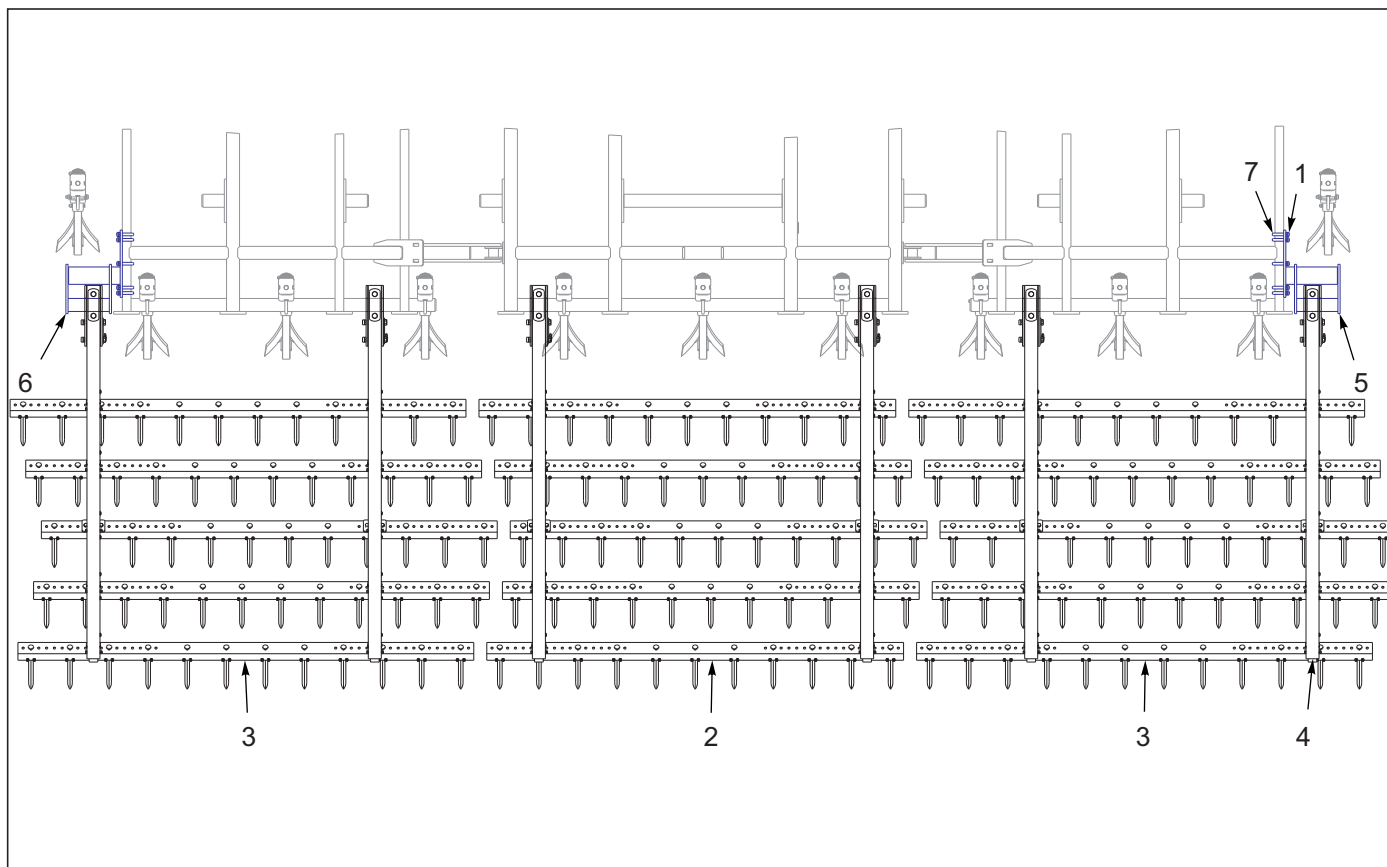


Figure 10-21: 5 Row Spike Harrow Layout 8530-25'

5 Row Spike Harrow Layout 8530-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	185670	5 ROW SPIKE HARROW, 8530-25'	
1	1-512-010005-13	NUT, HEX, SLFLKG, 5/8-11 UNC, GRB	20
2	186190	SPIKE BAR ASSY, 11 TOOTH, 9SP (SEE PAGE 10-55)	5
3	186191	SPIKE BAR ASSY, 12 TOOTH, 9SP (SEE PAGE 10-55)	10
4	186195	ARM ASSY, SPIKE HARROW, 5R (SEE PAGE 10-33)	6
5	187545	EXTENSION, HARROW MOUNT RT	1
6	187546	EXTENSION, HARROW MOUNT LT	1
7	2-102-010068	U-BOLT, 5/8-11 X 6-11/16 X 3-1/4	10

5 Row Spike Harrow Layout 8530-27'

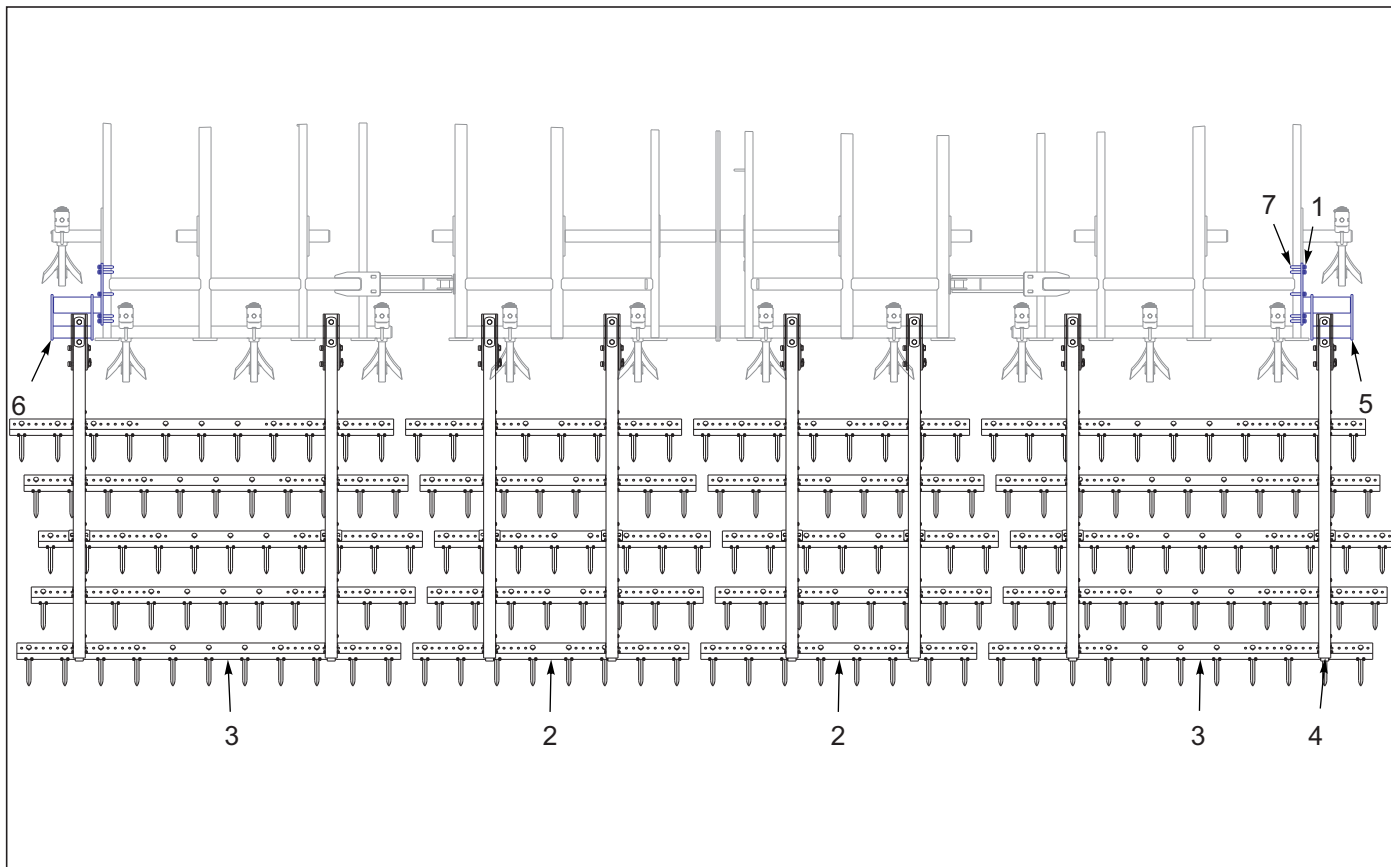


Figure 10-22: 5 Row Spike Harrow Layout 8530-27'

5 Row Spike Harrow Layout 8530-27'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	186254	5 ROW SPIKE HARROW, 8530-27'	
1	1-512-010005-13	NUT, HEX, SLFLKG, 5/8-11 UNC, GRB	20
2	186187	SPIKE BAR ASSY, 8 TOOTH, 9SP (SEE PAGE 10-55)	10
3	186190	SPIKE BAR ASSY, 11 TOOTH, 9SP(SEE PAGE 10-55)	10
4	186195	ARM ASSY, SPIKE HARROW, 5R (SEE PAGE 10-33)	8
5	187545	EXTENSION, HARROW MOUNT RT	1
6	187546	EXTENSION, HARROW MOUNT LT	1
7	2-102-010068	U-BOLT, 5/8-11 X 6-11/16 X 3-1/4	10

5 Row Spike Harrow Layout 8530-30'

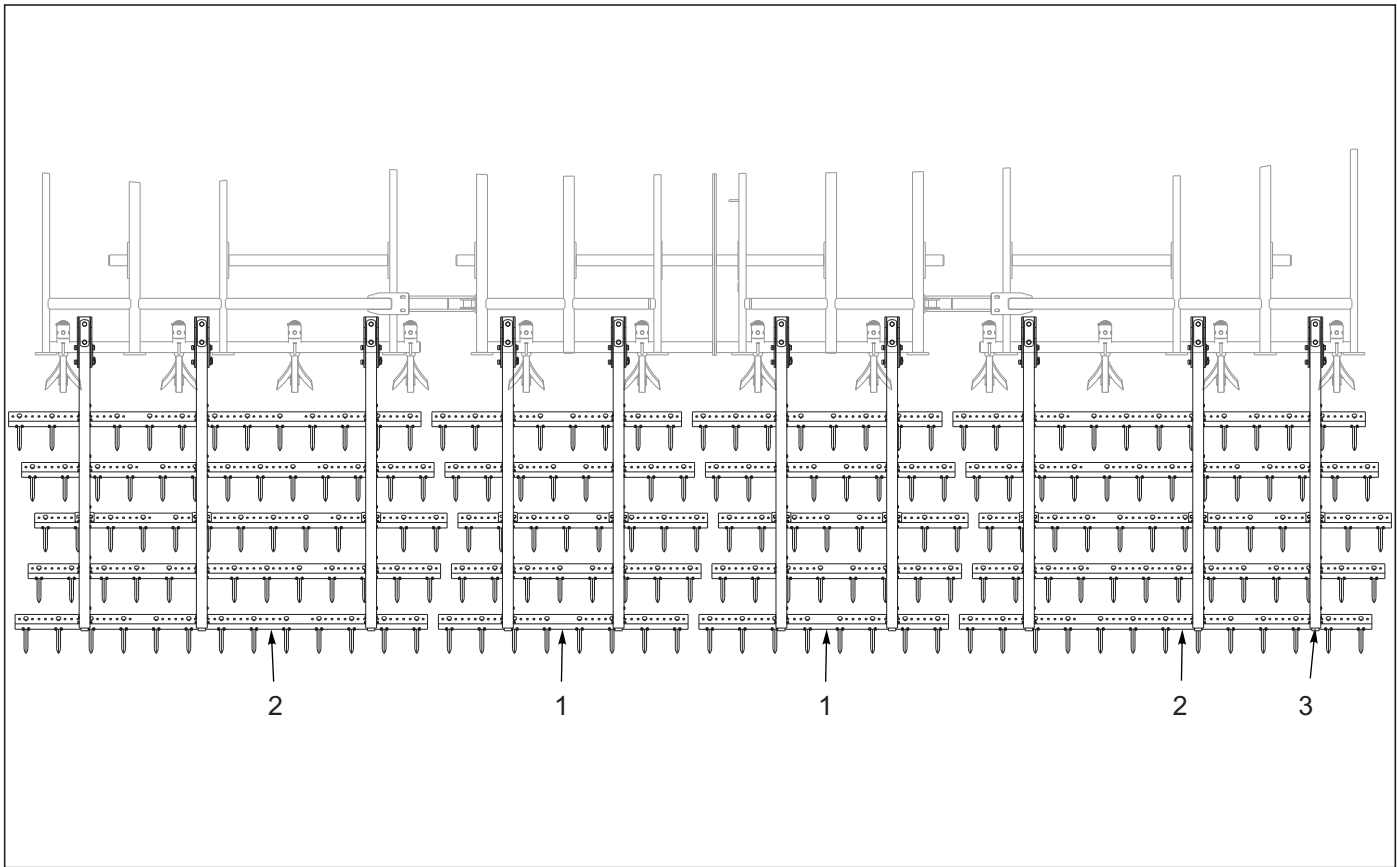


Figure 10-23: 5 Row Spike Harrow Layout 8530-30'

5 Row Spike Harrow Layout 8530-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	186265	5 ROW SPIKE HARROW, 8530-30'	
1	186187	SPIKE BAR ASSY, 8 TOOTH, 9SP (SEE PAGE 10-55)	10
2	186192	SPIKE BAR ASSY, 13 TOOTH, 9SP (SEE PAGE 10-55)	10
3	186195	ARM ASSY, SPIKE HARROW, 5R (SEE PAGE 10-33)	10

5 Row Spike Harrow Layout 8530-33'

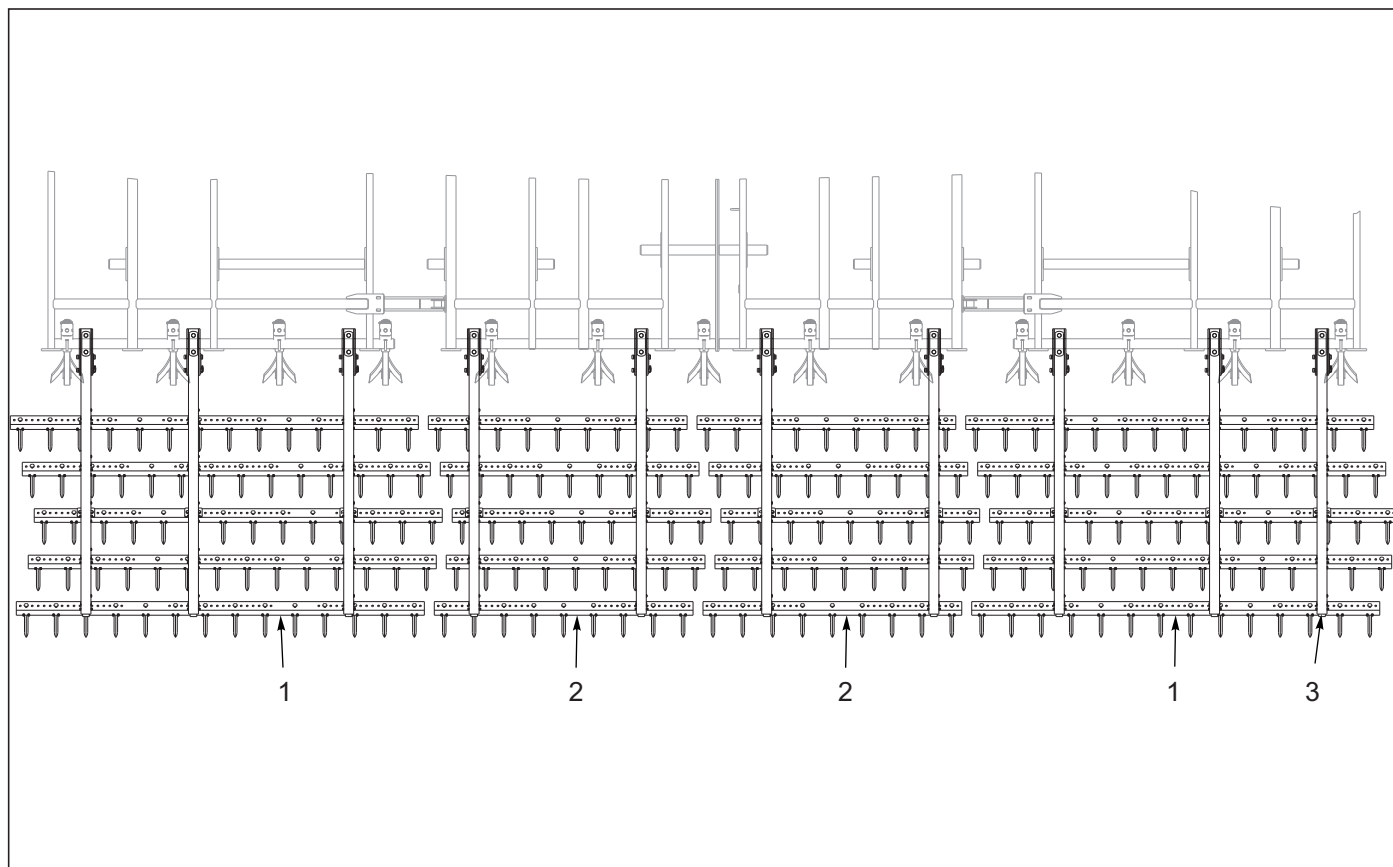


Figure 10-24: 5 Row Spike Harrow Layout 8530-33'

5 Row Spike Harrow Layout 8530-33'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	187547	5 ROW SPIKE HARROW, 8530-33'	
1	186170	SPIKE BAR ASSY, 14 TOOTH, 9SP (SEE PAGE 10-55)	10
2	186188	SPIKE BAR ASSY, 9 TOOTH, 9SP (SEE PAGE 10-55)	10
3	186195	ARM ASSY, SPIKE HARROW, 5R (SEE PAGE 10-33)	10

5 Row Spike Harrow Layout 8530-35'

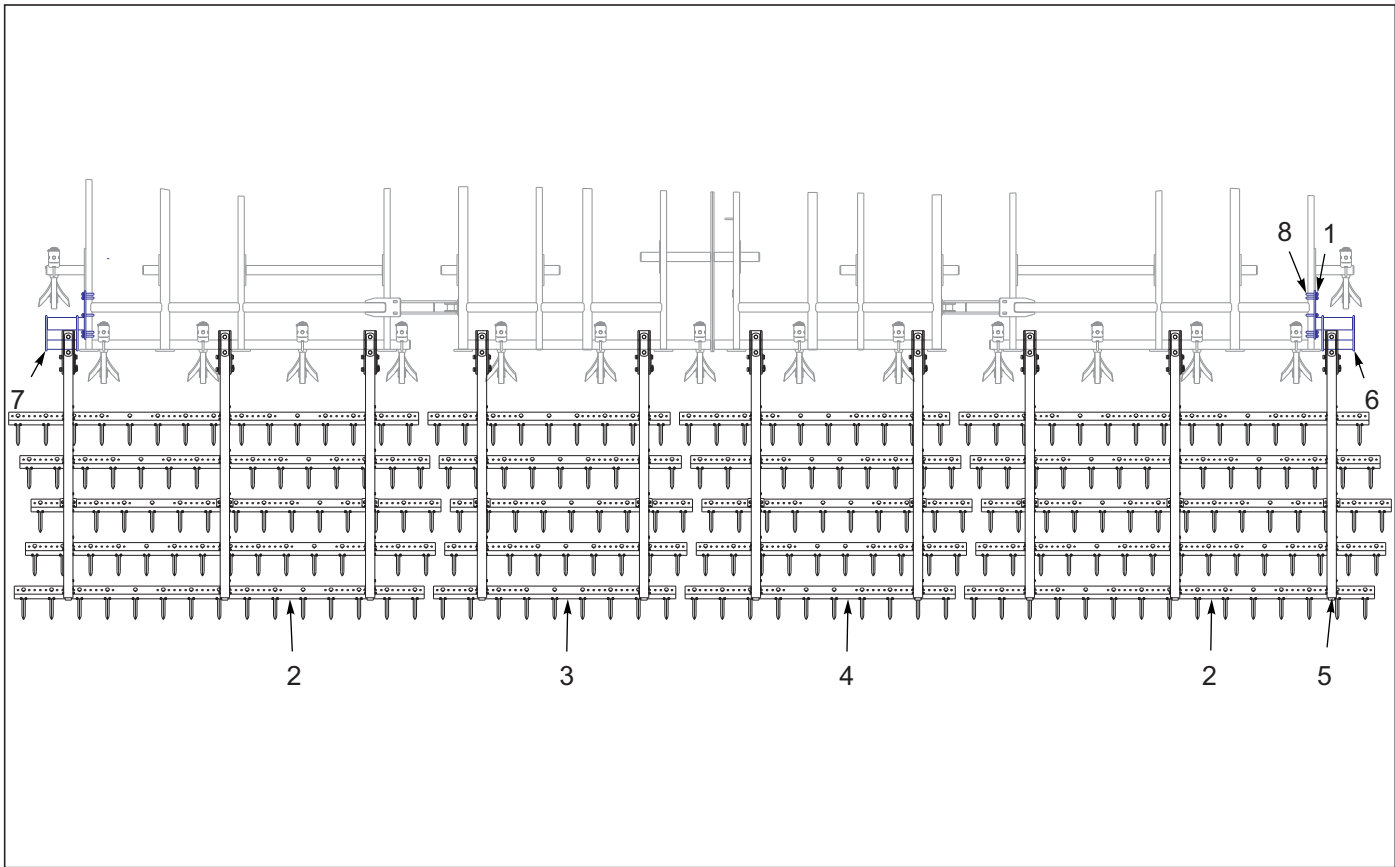


Figure 10-25: 5 Row Spike Harrow Layout 8530-35'

5 Row Spike Harrow Layout 8530-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	182426	5 ROW SPIKE HARROW, 8530-35'	
1	1-512-010005-13	NUT, HEX, SLFLKG, 5/8-11 UNC, GRB	20
2	186174	SPIKE BAR ASSY, 15 TOOTH, 9SP (SEE PAGE 10-55)	10
3	186188	SPIKE BAR ASSY, 9 TOOTH, 9SP (SEE PAGE 10-55)	5
4	186189	SPIKE BAR ASSY, 10 TOOTH, 10SP (SEE PAGE 10-55)	5
5	186195	ARM ASSY, SPIKE HARROW, 5R (SEE PAGE 10-33)	10
6	187545	EXTENSION, HARROW MOUNT RT	1
7	187546	EXTENSION, HARROW MOUNT LT	1
8	2-102-010068	U-BOLT, 5/8-11 X 6-11/16 X 3-1/4	10

[illegible]

5 Row Spike Harrow Arm Assembly

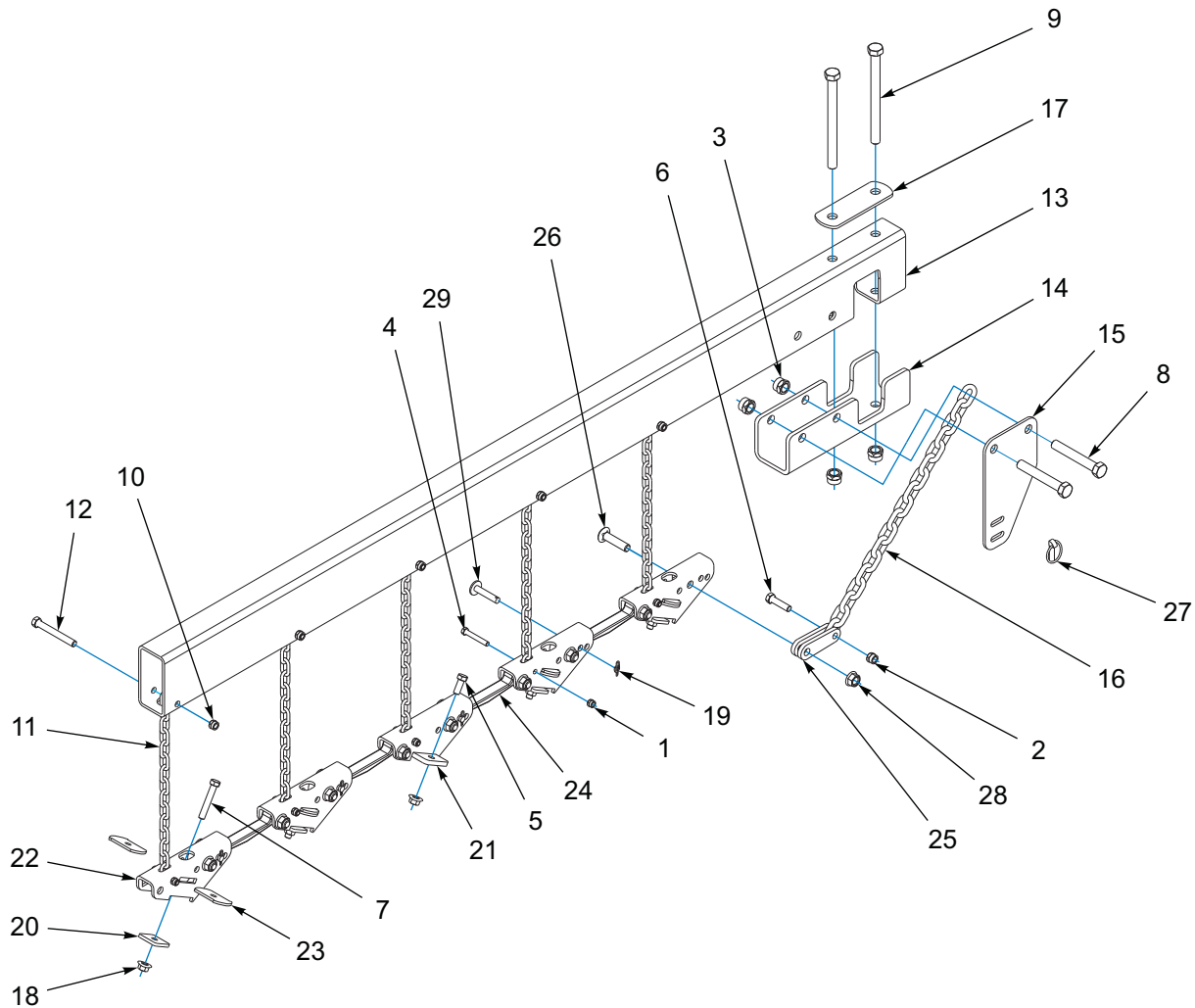


Figure 10-26: 5 Row Spike Harrow Arm Assembly

5 Row Spike Harrow Arm Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	186195	ARM ASSEMBLY, SPIKE HARROW 5 ROW	
1	1-512-010005-05	NUT, HEX, SLFLKG, 3/8-16 GRB	5
2	1-512-010005-09	NUT, HEX, SLFLKG, 1/2-13 GRB	1
3	1-512-010005-15	NUT, HEX, SLFLKG, 3/4-10 GRB	4
4	1-654-010051-11	SCREW, HEX CP, 3/8-16 X 2-1/2 G5ZP	5
5	1-654-010055-02	SCREW, 1/2-13 UNC X 1-1/4, CP GR5	2
6	1-654-010055-05	SCREW, HEX CAP, 1/2-13, UNC X 2 GR5	1
7	1-654-010055-09	SCREW, HEX CAP, 1/2-13, UNC X 3 GR5	4
8	1-654-010061-15	SCREW, HEX CAP, 3/4-10, UNC X 5 GR5	2
9	1-654-010061-23	SCREW, HEX, 3/4-10, UNC X 9 GR5	2
10	101988	NUT,HEX, SLF-LKG, 7/16-14 GRB	5
11	133937	CHAIN, LIFTING HARROW, WP	5
12	141808	SCREW, HEX CAP, 7/16-14 UNC X 3-1/2 G5	5
13	166175	ARM SPIKE HARROW, 5 ROW	1
14	166176	CLAMP, SPIKE HARROW ARM	1
15	166177	BRACKET, PULL CHAIN	1
16	166242	CHAIN, PULL, 3/8	1
17	168897	CLAMP PLATE, HARROW ARM	1
18	172509	NUT,1/2-13 WIDE FLNG TOP LCK F	6
19	172673	WRAP AROUND LOCKING COTTER	4
20	186193	CLAMP PLATE, SPIKE BAR	4
21	186200	MOUNT, HARROW BAR W/TABS	1
22	186204	MOUNT, HARROW BAR	4
23	186205	PLATE, BAR CLAMP	8
24	185697	LINK, HARROW BAR	4
25	186210	CONNECTOR, PULL CHAIN	2
26	187517	SCREW, RDHD SHT SQNK, 5/8-11 X 2.75	9
27	2-557-010009	PIN, LYNCH	1
28	29SFFL 5811	NUT, HEX, SLFLKG, GRB 3/8-16	9
29	8C520	CLEVIS PIN	4

3 Row Spike & Reel Layout 8530-19'

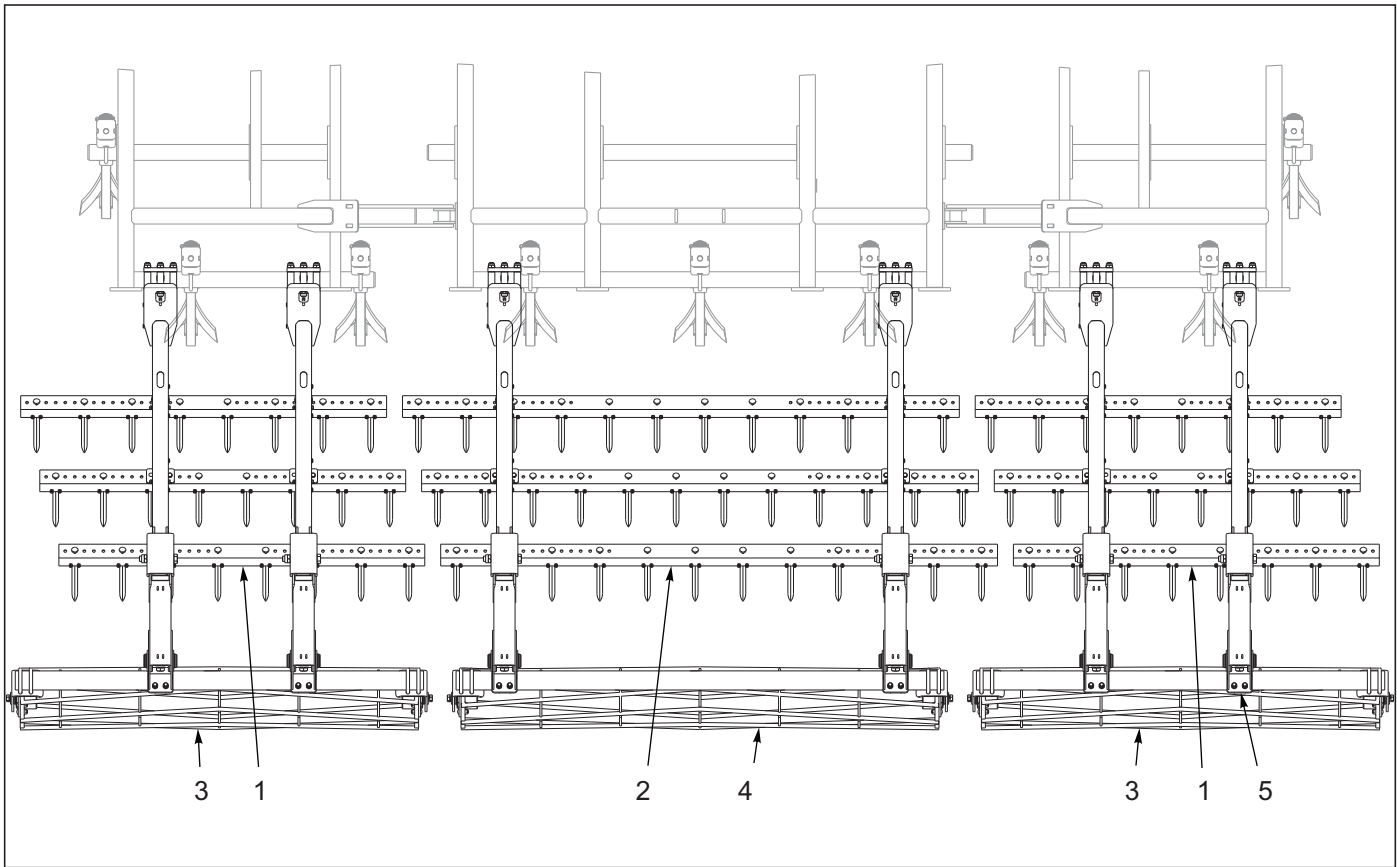


Figure 10-27: 3 Row Spike & Reel Layout 8530-19'

3 Row Spike & Reel Layout 8530-19'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	231507	3 ROW SPIKE & REEL, 8530-19	
1	186187	SPIKE BAR ASSY, 8 TOOTH 9 SP (SEE PAGE 10-55)	6
2	186191	SPIKE BAR ASSY, 12 TOOTH 9 SP (SEE PAGE 10-55)	3
3	200254	REEL ASSY 12 DIA X 75" (SEE PAGE 10-53)	2
4	200255	REEL ASSY 12 DIA X 90" (SEE PAGE 10-53)	1
5	229718	ARM ASSY, 3 RSD (SEE PAGE 10-57)	6

3 Row Spike & Reel Layout 8530-22'

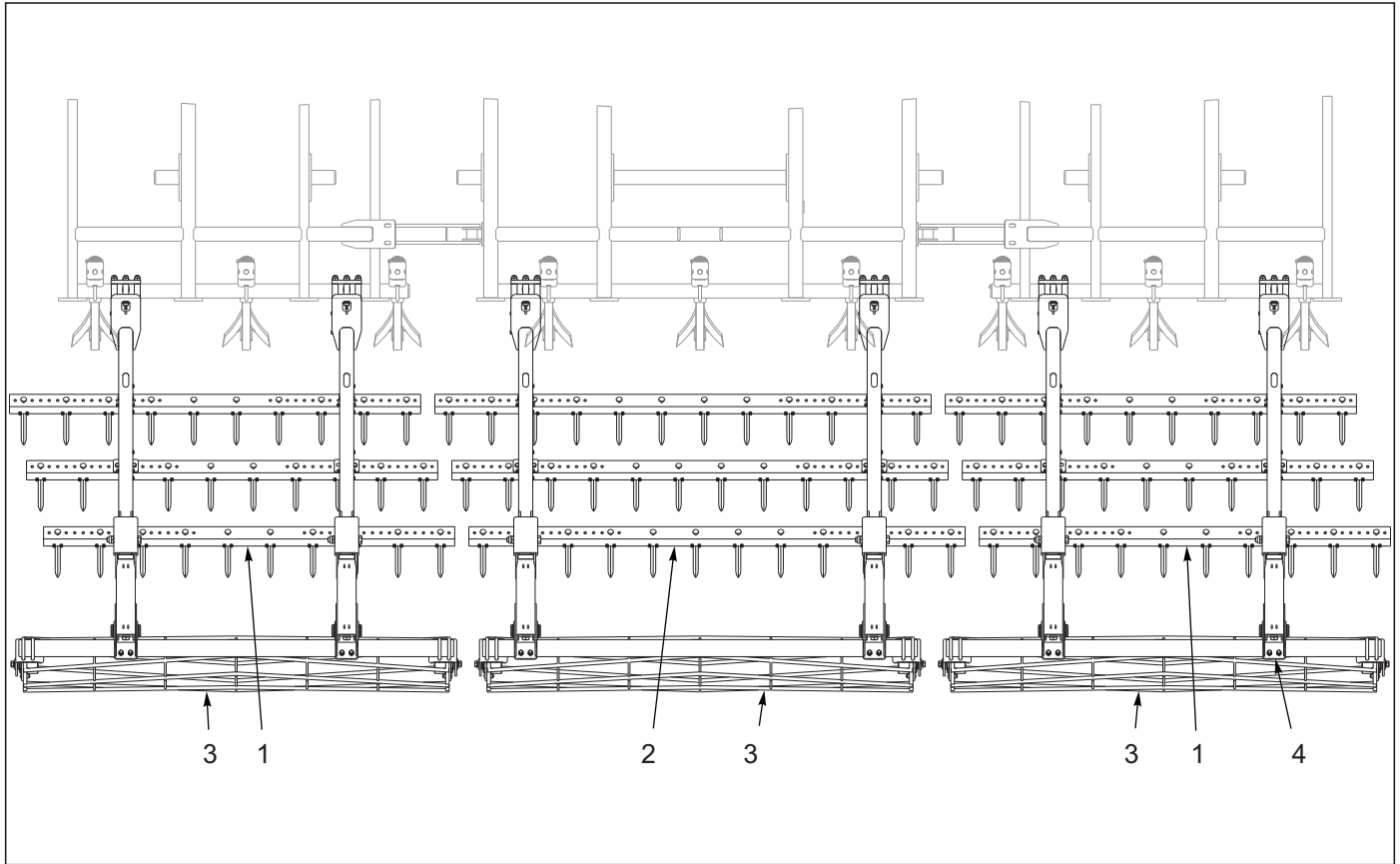


Figure 10-28: 3 Row Spike & Reel Layout 8530-22'

3 Row Spike & Reel Layout 8530-22'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	231508	3 ROW SPIKE & REEL, 8530-22	
1	186189	SPIKE BAR ASSY, 10 TOOTH 9 SP (SEE PAGE 10-55)	6
2	186191	SPIKE BAR ASSY, 12 TOOTH 9 SP (SEE PAGE 10-55)	3
3	200255	REEL ASSY 12 DIA X 90" (SEE PAGE 10-53)	3
4	229718	ARM ASSY, 3 RSD (SEE PAGE 10-57)	6

3 Row Spike & Reel Layout 8530-25'

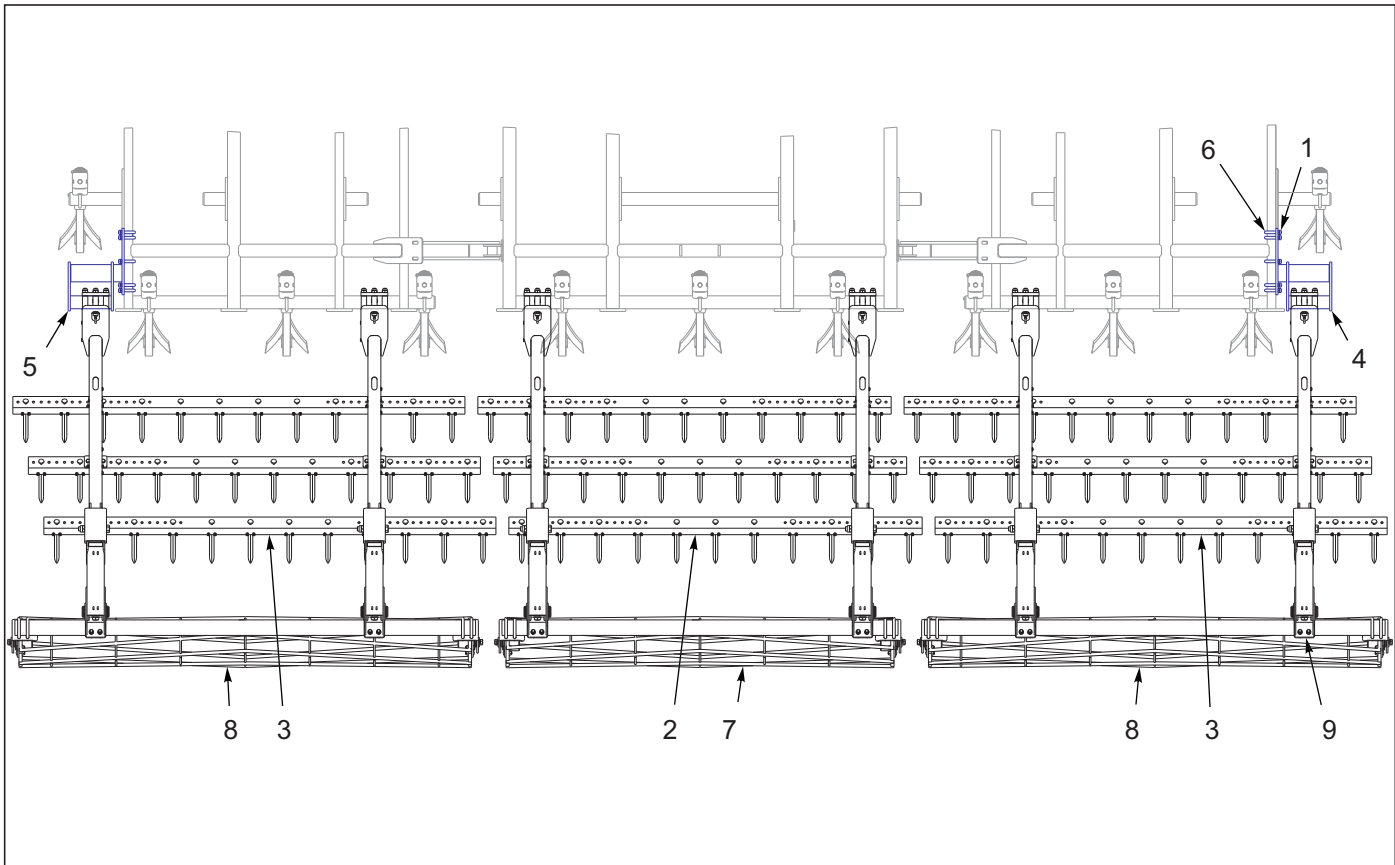


Figure 10-29: 3 Row Spike & Reel Layout 8530-25'

3 Row Spike & Reel Layout 8530-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	231509	3 ROW SPIKE & REEL, 8530-25	
1	1-512-010005-13	NUT, HEX, SLFLKG, 5/8-11 UNC, GRB	20
2	186190	SPIKE BAR ASSY, 11 TOOTH 9 SP (SEE PAGE 10-55)	3
3	186191	SPIKE BAR ASSY, 12 TOOTH 9 SP (SEE PAGE 10-55)	6
4	187545	EXTENSION, HARROW MOUNT RT	1
5	187546	EXTENSION, HARROW MOUNT LT	1
6	2-102-010068	U-BOLT, 5/8-11 X 6-11/16 X 3-1/4	10
7	200255	REEL ASSY 12 DIA X 90" (SEE PAGE 10-53)	1
8	200256	REEL ASSY 12 DIA X 105" (SEE PAGE 10-53)	2
9	229718	ARM ASSY, 3 RSD (SEE PAGE 10-57)	6

3 Row Spike & Reel Layout 8530-27'

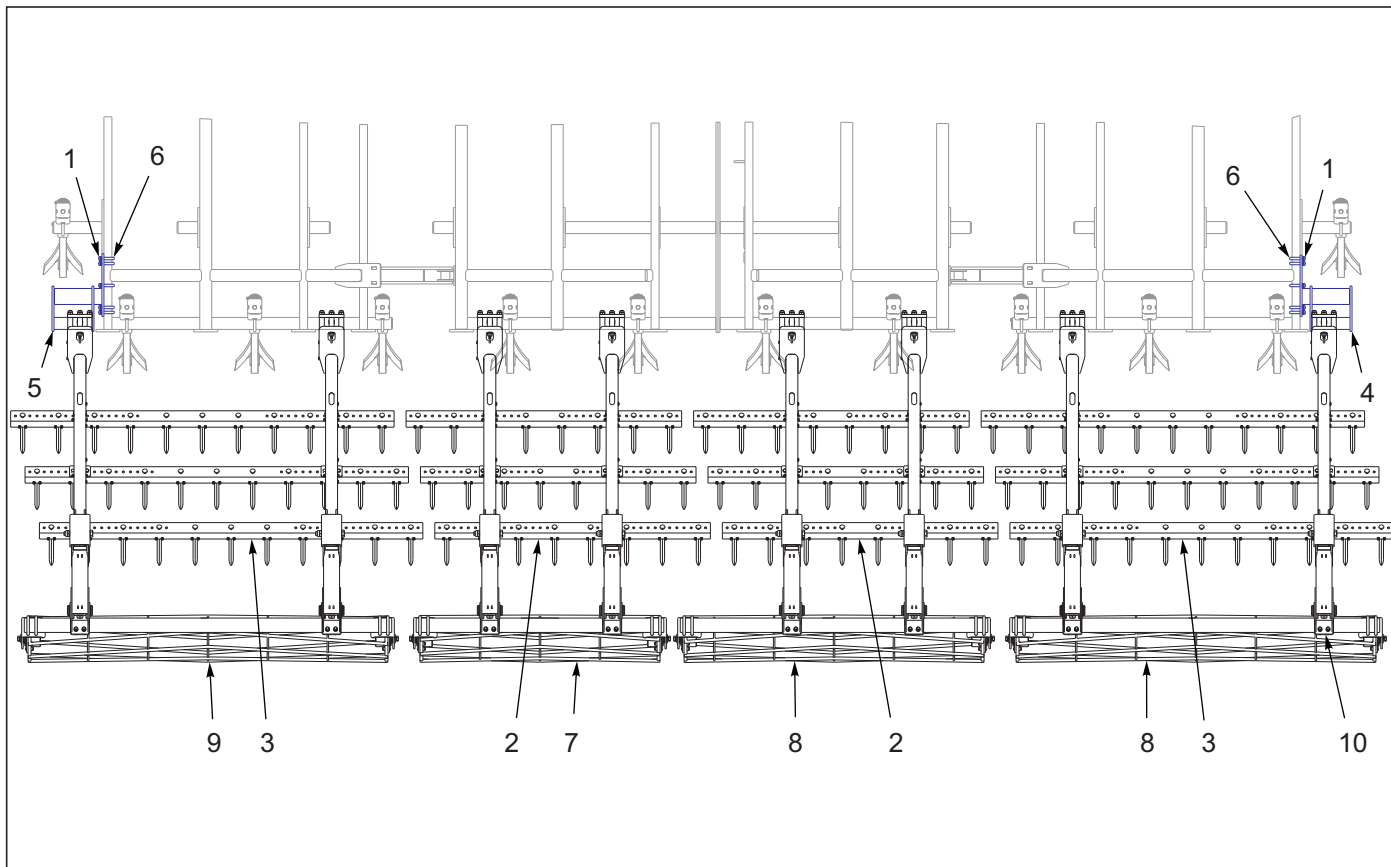


Figure 10-30: 3 Row Spike & Reel Layout 8530-27'

3 Row Spike & Reel Layout 8530-27'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	231510	3 ROW SPIKE & REEL, 8530-27	
1	1-512-010005-13	NUT, HEX, SLFLKG, 5/8-11 UNC, GRB	20
2	186187	SPIKE BAR ASSY, 8 TOOTH 9 SP (SEE PAGE 10-55)	6
3	186190	SPIKE BAR ASSY, 11 TOOTH 9 SP (SEE PAGE 10-55)	3
4	187545	EXTENSION, HARROW MOUNT RT	1
5	187546	EXTENSION, HARROW MOUNT LT	1
6	2-102-010068	U-BOLT, 5/8-11 X 6-11/16 X 3-1/4	10
7	200253	REEL ASSY 12 DIA X 60" (SEE PAGE 10-53)	1
8	200254	REEL ASSY 12 DIA X 75" (SEE PAGE 10-53)	1
9	200255	REEL ASSY 12 DIA X 90" (SEE PAGE 10-53)	2
10	229718	ARM ASSY, 3 RSD (SEE PAGE 10-57)	8

3 Row Spike & Reel Layout 8530-30'

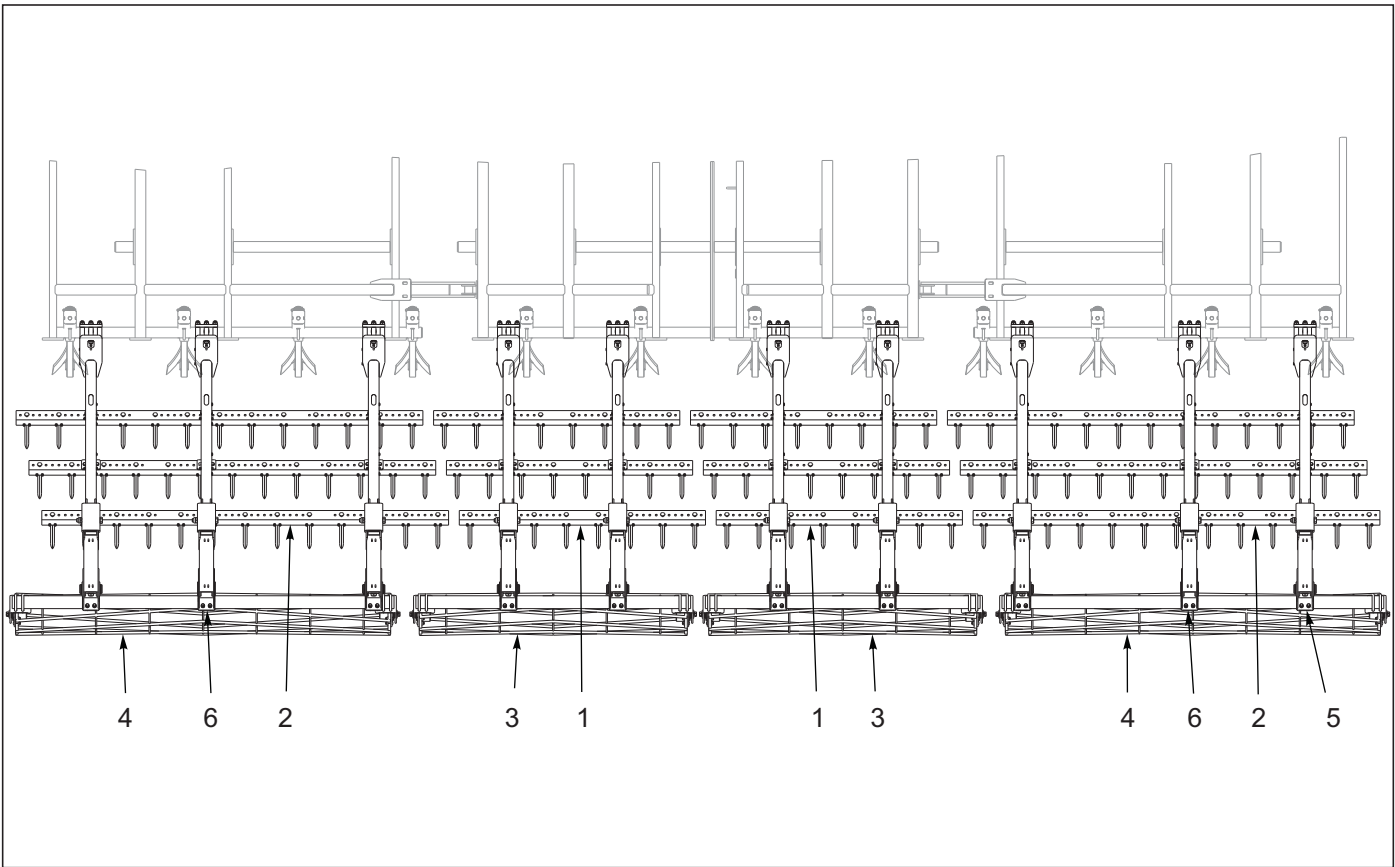


Figure 10-31: 3 Row Spike & Reel Layout 8530-30'

3 Row Spike & Reel Layout 8530-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	231511	3 ROW SPIKE & REEL, 8530-30	
1	186187	SPIKE BAR ASSY, 8 TOOTH 9 SP (SEE PAGE 10-55)	6
2	186192	SPIKE BAR ASSY, 13 TOOTH 9 SP (SEE PAGE 10-55)	6
3	200254	REEL ASSY 12 DIA X 75" (SEE PAGE 10-43)	2
4	200256	REEL ASSY 12 DIA X 105" (SEE PAGE 10-43)	2
5	229718	ARM ASSY, 3 RSD (SEE PAGE 10-57)	8
6	229719	ARM ASSY, 3 RSD W/O SPRING (SEE PAGE 10-59)	2

3 Row Spike & Reel Layout 8530-33'

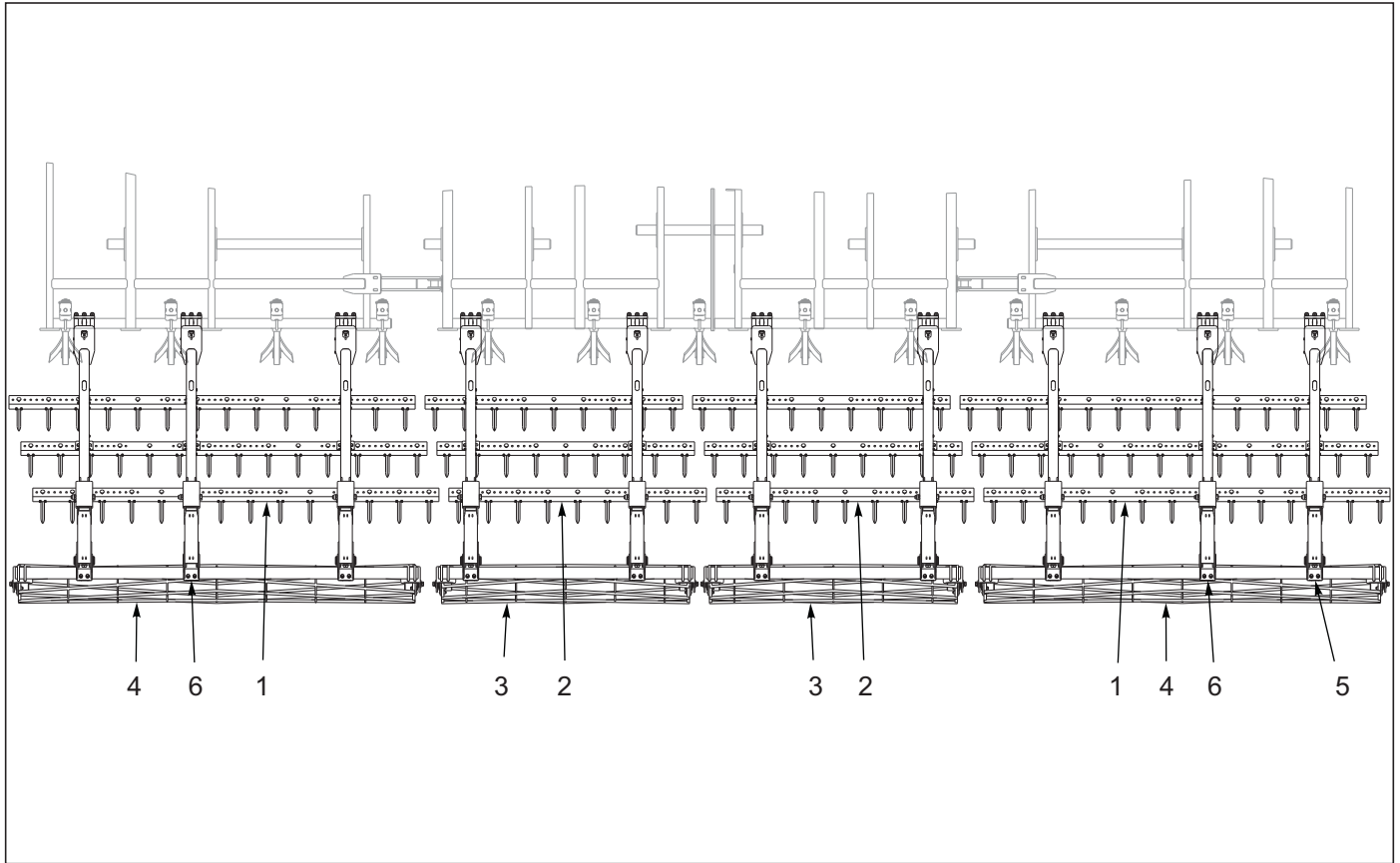


Figure 10-32: 3 Row Spike & Reel Layout 8530-33'

3 Row Spike & Reel Layout 8530-33'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	231512	3 ROW SPIKE & REEL, 8530-33	
1	186170	SPIKE BAR ASSY, 14 TOOTH 9 SP (SEE PAGE 10-55)	6
2	186188	SPIKE BAR ASSY, 9 TOOTH 9 SP (SEE PAGE 10-55)	6
3	200254	REEL ASSY 12 DIA X 75" (SEE PAGE 10-43)	2
4	200257	REEL ASSY 12 DIA X 120" (SEE PAGE 10-43)	2
5	229718	ARM ASSY, 3 RSD (SEE PAGE 10-57)	8
6	229719	ARM ASSY, 3 RSD W/O SPRING (SEE PAGE 10-59)	2

3 Row Spike & Reel Layout 8530-35'

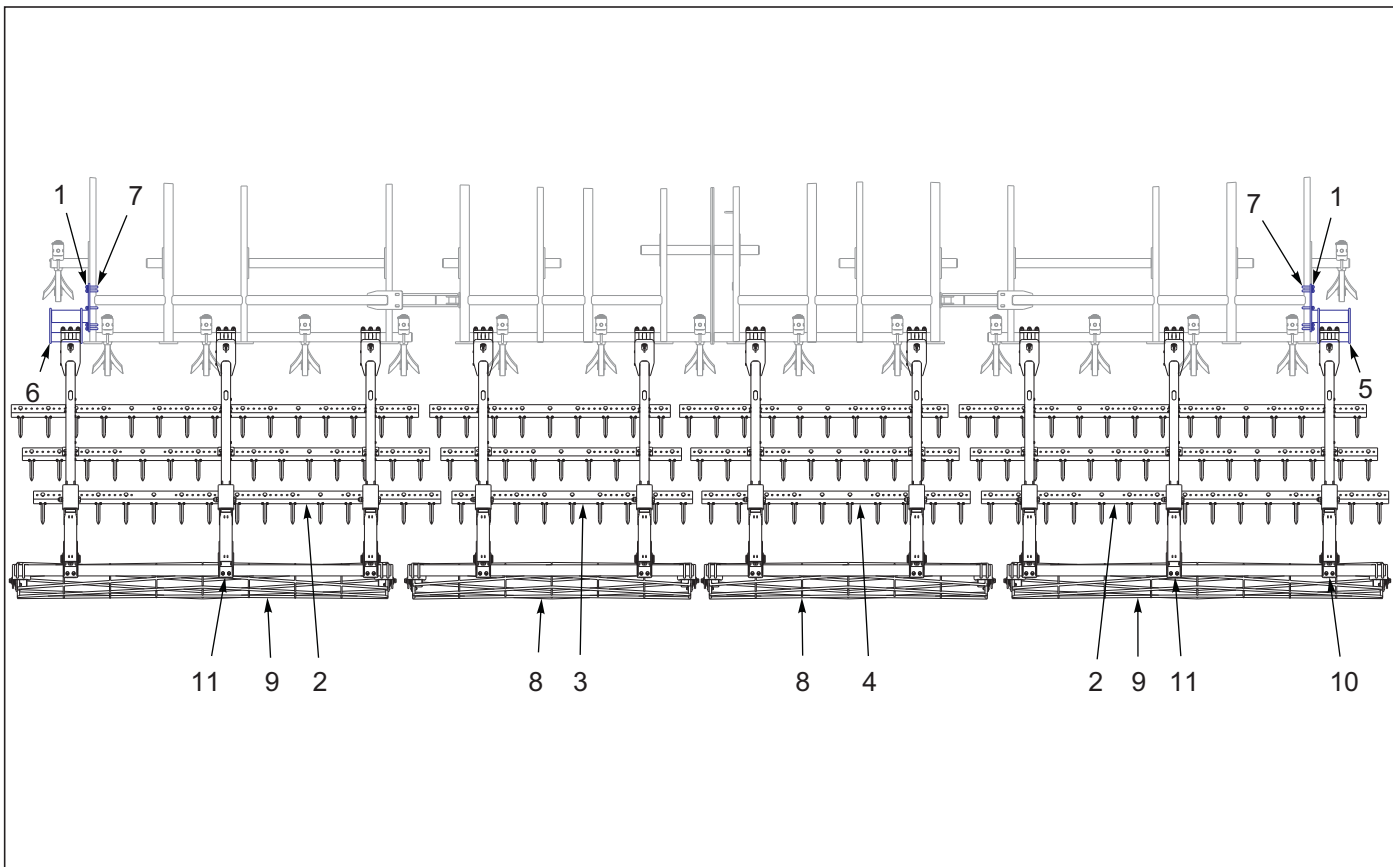


Figure 10-33: 3 Row Spike & Reel Layout 8530-35'

3 Row Spike & Reel Layout 8530-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	231513	3 ROW SPIKE & REEL, 8530-35	
1	1-512-010005-13	NUT, HEX, SLFLKG, 5/8-11 UNC, GRB	20
2	186174	SPIKE BAR ASSY, 15 TOOTH 9 SP (SEE PAGE 10-55)	6
3	186188	SPIKE BAR ASSY, 9 TOOTH 9 SP (SEE PAGE 10-55)	3
4	186189	SPIKE BAR ASSY, 10 TOOTH 9 SP (SEE PAGE 10-55)	3
5	187545	EXTENSION, HARROW MOUNT RT	1
6	187546	EXTENSION, HARROW MOUNT LT	1
7	2-102-010068	U-BOLT, 5/8-11 X 6-11/16 X 3-1/4	10
8	200255	REEL ASSY 12 DIA X 90" (SEE PAGE 10-43)	2
9	200257	REEL ASSY 12 DIA X 120" (SEE PAGE 10-43)	2
10	229718	ARM ASSY, 3 RSD (SEE PAGE 10-57)	8
11	229719	ARM ASSY, 3 RSD W/O SPRING (SEE PAGE 10-59)	2

[illegible]

Round Bar Reel Assembly

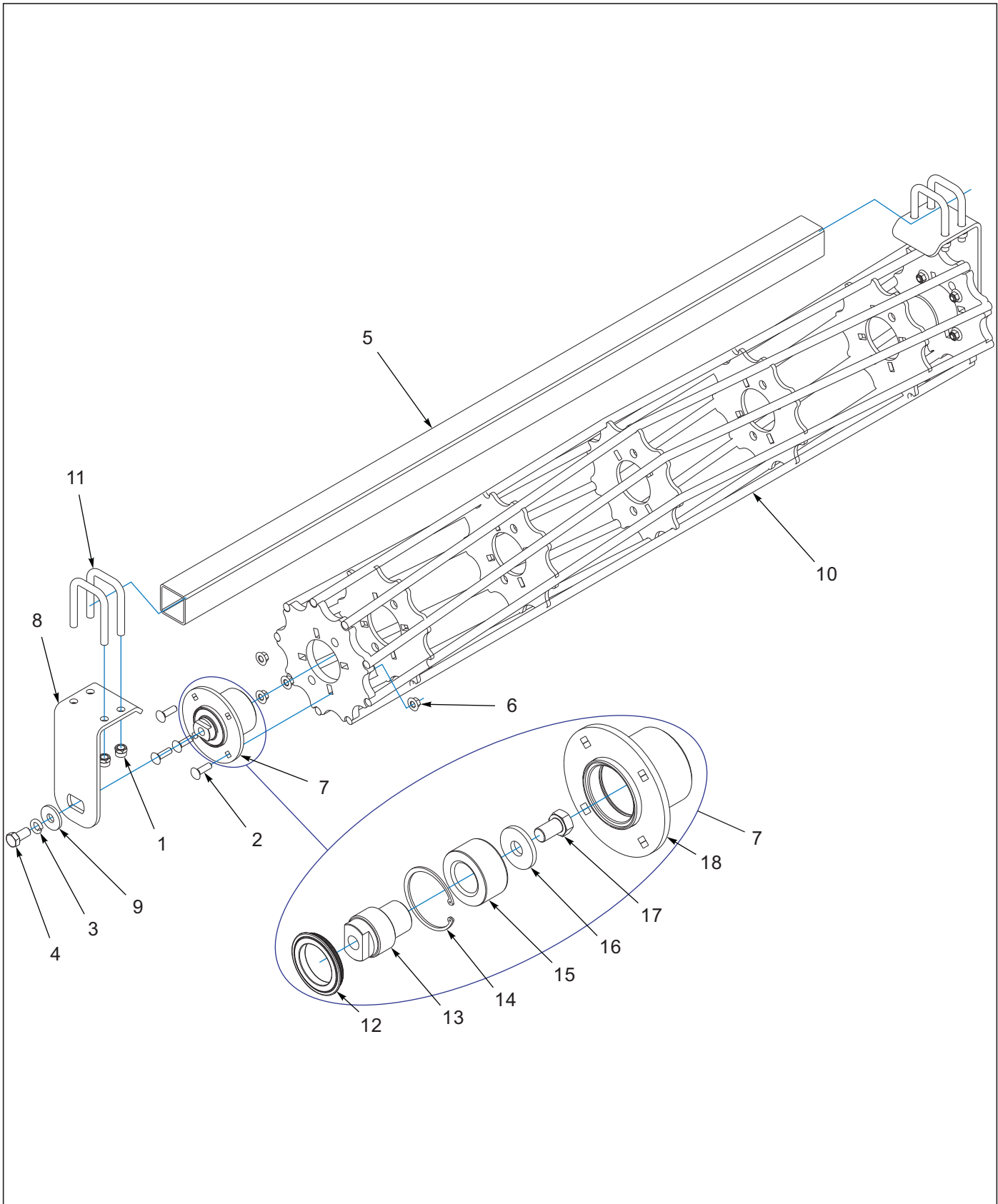


Figure 10-34: Round Bar Reel Assembly

Round Bar Reel Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.				
--	200253	REEL ASSY 12 DIA X 60"	*				
--	200254	REEL ASSY 12 DIA X 75"	*				
--	200255	REEL ASSY 12 DIA X 90"	*				
--	200256	REEL ASSY 12 DIA X 105"	*				
--	200257	REEL ASSY, 12 DIA X 120"	*				
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	8	8	8	8	8
2	1-654-010070-04	SCREW RDHD SQNK 1/2-13X1-3/4	8	8	8	8	8
3	1-861-010034-17	WASHER,LKG,HLCL SPR,3/4	2	2	2	2	2
4	108705	SCREW,HEXCAP,3/4-10X1-1/2 GR8	2	2	2	2	2
5	166340	GANG BAR REEL 62 L	1	--	--	--	--
5	166341	GANG BAR REEL 77 L	--	1	--	--	--
5	166342	GANG BAR REEL 92 L	--	--	1	--	--
5	166343	GANG BAR REEL 107 L	--	--	--	1	--
5	166344	GANG BAR REEL 122 L	--	--	--	--	1
6	172509	NUT,1/2-13 WIDE FLNG TOP LCK F	8	8	8	8	8
7	200222	HUB ASSY REEL (INCLUDES ITEMS 12-18)	2	2	2	2	2
8	200238	BEARING MOUNT, REEL	2	2	2	2	2
9	200259	WASHER, 3/4 HEAVY - 2-1/4	2	2	2	2	2
10	225123	REEL WLDMT, 12 DIA X 60" RD	1	--	--	--	--
10	225124	REEL WLDMT, 12 DIA X 75" RD	--	1	--	--	--
10	225125	REEL WLDMT, 12 DIA X 90" RD	--	--	1	--	--
10	225126	REEL WLDMT, 12 DIA X 105" RD	--	--	--	1	--
10	225127	REEL WLDMT, 12 DIA X 120" RD	--	--	--	--	1
11	8-102-010012	U BOLT	4	4	4	4	4
12	185757	SEAL, MAINT FREE HUB HSL	2	2	2	2	2
13	200218	SPINDLE REEL BEARING	2	2	2	2	2
14	174532	INTERNAL SNAP RING	2	2	2	2	2
15	174526	BEARING, DOUBLE TAPER RLLR	2	2	2	2	2
16	200259	WASHER, 3/4 HEAVY - 2-1/4	2	2	2	2	2
17	129263	SCREW HEX CAP 3/4-10 X 1-1/4	2	2	2	2	2
18	200221	HUB WLDMT REEL	2	2	2	2	2

3 RSD & Flat Reel Layout 8530-19'

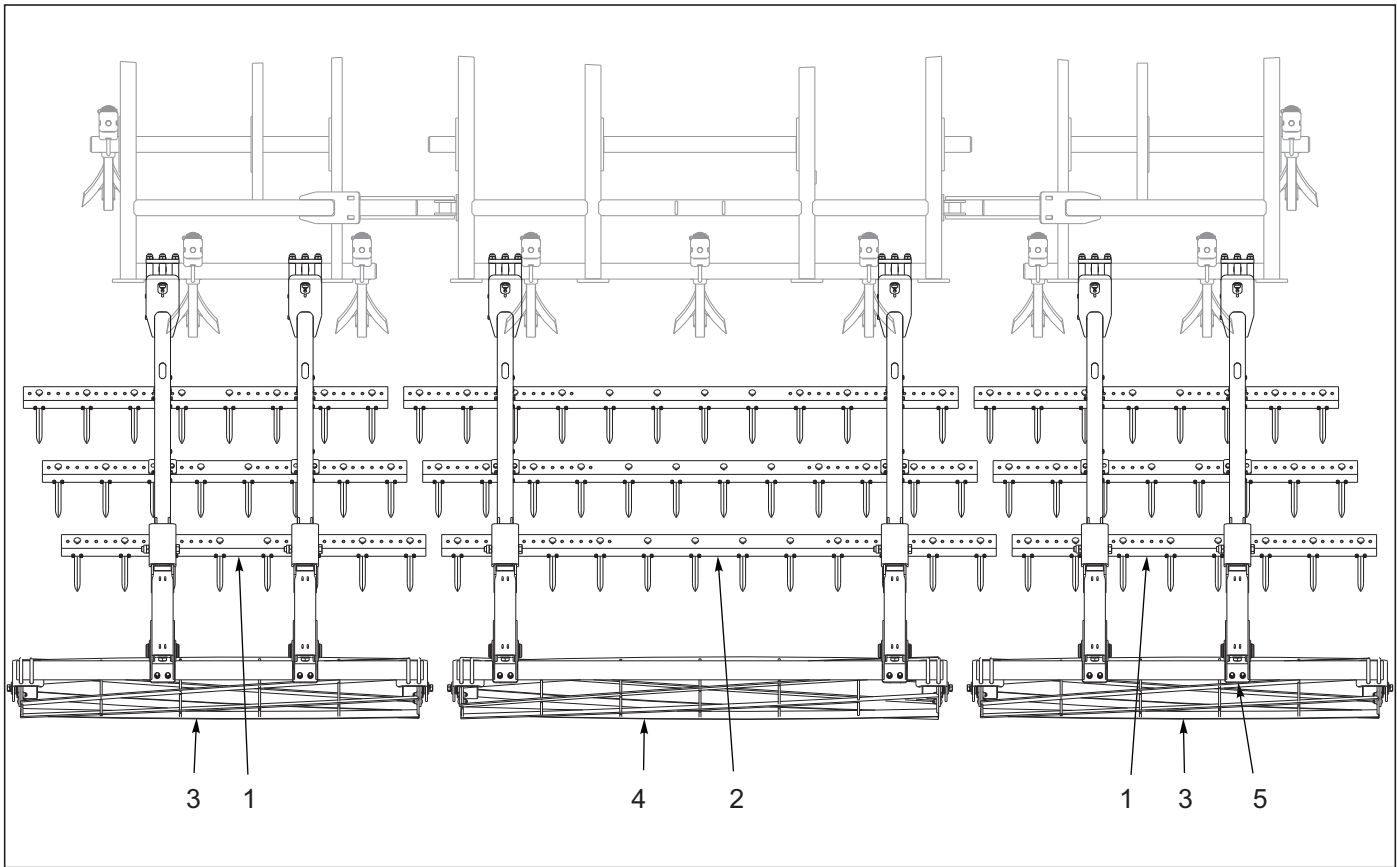


Figure 10-35: 3 Row Spike & Reel Layout 8530-19'

3 RSD & Flat Reel Layout 8530-19'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	232356	3 RSD & FLAT REEL, 8530-19	
1	186187	SPIKE BAR ASSY, 8 TOOTH 9 SP (SEE PAGE 10-55)	6
2	186191	SPIKE BAR ASSY, 12 TOOTH 9 SP (SEE PAGE 10-55)	3
3	203185	REEL ASSY 12 DIA X 75" (SEE PAGE 10-53)	2
4	203186	REEL ASSY 12 DIA X 90" (SEE PAGE 10-53)	1
5	229718	ARM ASSY, 3 RSD (SEE PAGE 10-57)	6

3 RSD & Flat Reel Layout 8530-22'

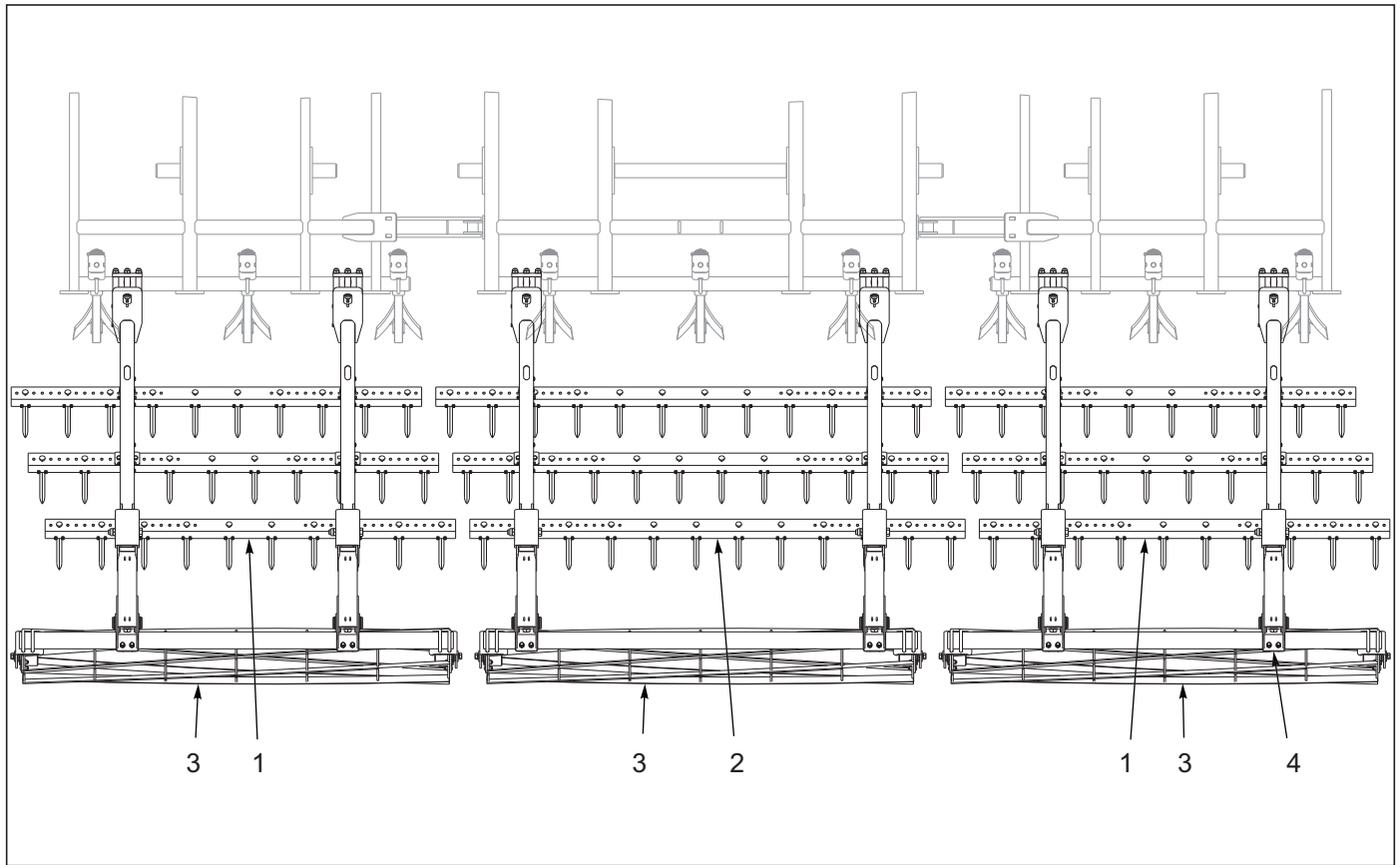


Figure 10-36: 3 Row Spike & Reel Layout 8530-22'

3 RSD & Flat Reel Layout 8530-22'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	232357	3 RSD & FLAT REEL, 8530-22	
1	186189	SPIKE BAR ASSY, 10 TOOTH 9 SP (SEE PAGE 10-55)	6
2	186191	SPIKE BAR ASSY, 12 TOOTH 9 SP (SEE PAGE 10-55)	3
3	203186	REEL ASSY 12 DIA X 90" (SEE PAGE 10-53)	3
4	229718	ARM ASSY, 3 RSD (SEE PAGE 10-57)	6

3 RSD & Flat Reel Layout 8530-25'

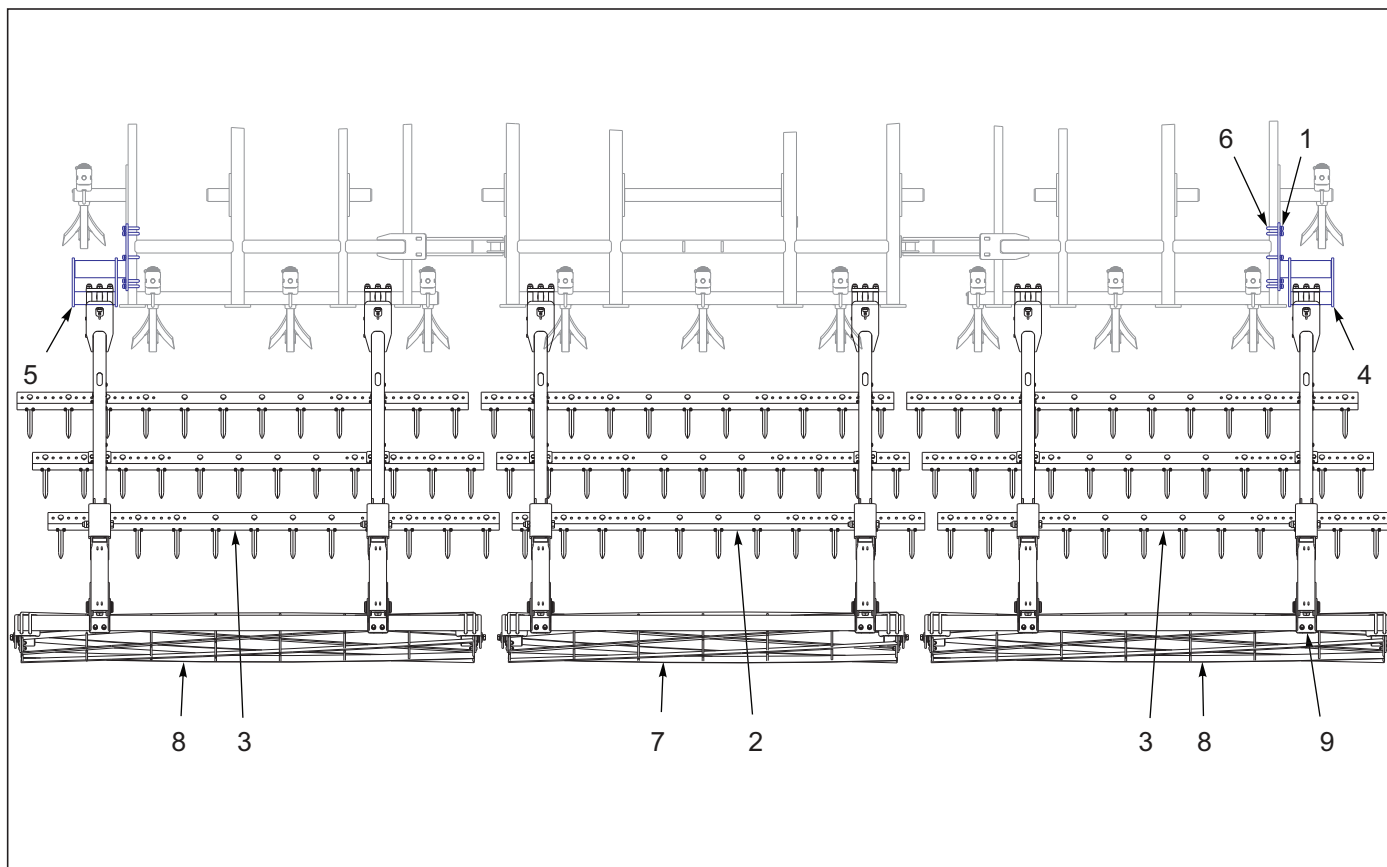


Figure 10-37: 3 Row Spike & Reel Layout 8530-25'

3 RSD & Flat Reel Layout 8530-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	232358	3 RSD & FLAT REEL, 8530-25	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	20
2	186190	SPIKE BAR ASSY, 11 TOOTH 9 SP (SEE PAGE 10-55)	3
3	186191	SPIKE BAR ASSY, 12 TOOTH 9 SP (SEE PAGE 10-55)	6
4	187545	EXTENSION, HARROW MOUNT RT	1
5	187546	EXTENSION, HARROW MOUNT LT	1
6	2-102-010068	U-BOLT 5/8-11X6-11/16X3-1/2	10
7	203186	REEL ASSY 12 DIA X 90" (SEE PAGE 10-53)	1
8	203187	REEL ASSY 12 DIA X 105" (SEE PAGE 10-53)	2
9	229718	ARM ASSY, 3 RSD (SEE PAGE 10-57)	6

3 RSD & Flat Reel Layout 8530-27'

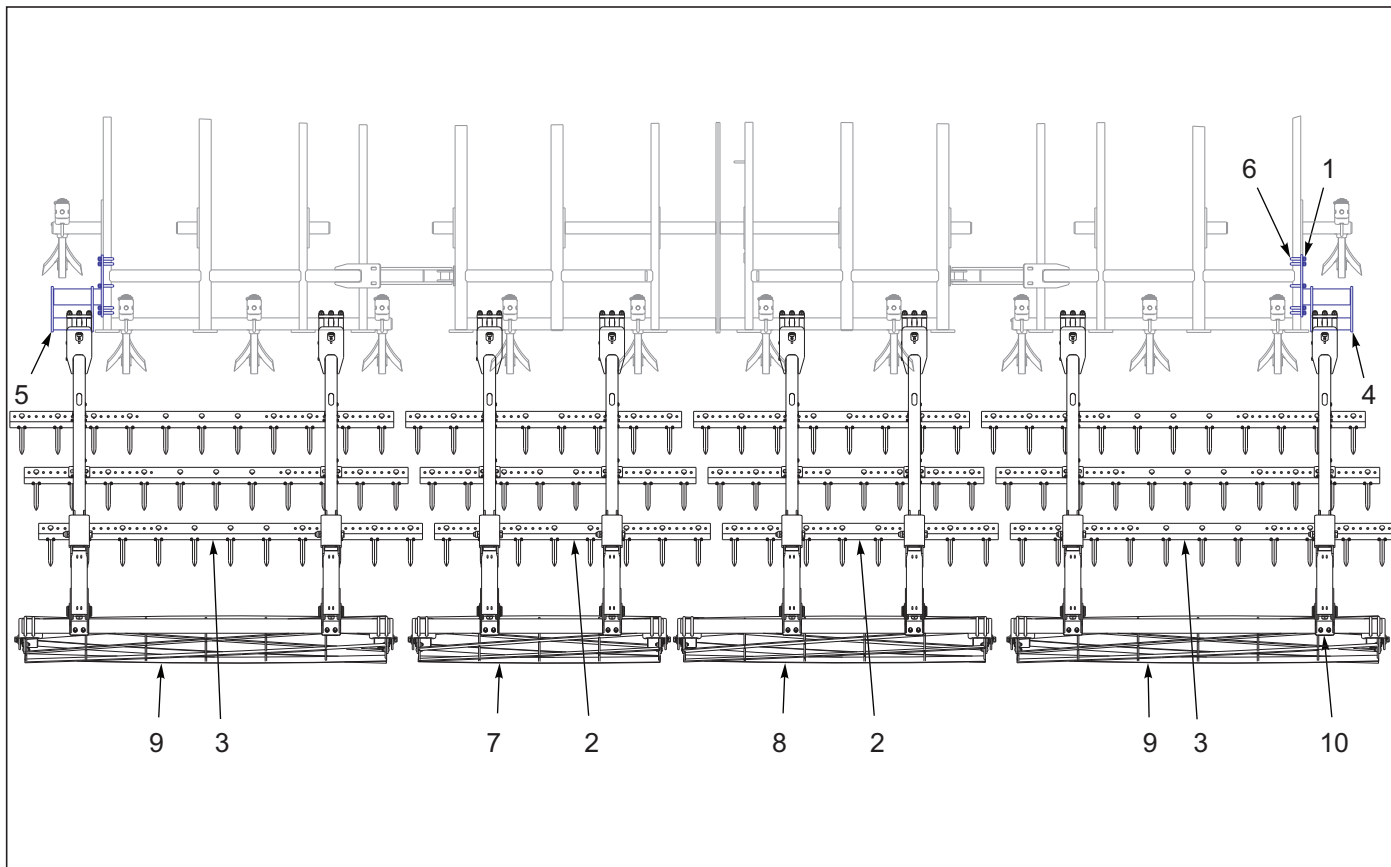


Figure 10-38: 3 Row Spike & Reel Layout 8530-27'

3 RSD & Flat Reel Layout 8530-27'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	232359	3 RSD & FLAT REEL, 8530-27	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	20
2	186187	SPIKE BAR ASSY, 8 TOOTH 9 SP (SEE PAGE 10-55)	6
3	186190	SPIKE BAR ASSY, 11 TOOTH 9 SP (SEE PAGE 10-55)	3
4	187545	EXTENSION, HARROW MOUNT RT	1
5	187546	EXTENSION, HARROW MOUNT LT	1
6	2-102-010068	U-BOLT 5/8-11X6-11/16X3-1/2	10
7	203184	REEL ASSY 12 DIA X 60" (SEE PAGE 10-53)	1
8	203185	REEL ASSY 12 DIA X 75" (SEE PAGE 10-53)	1
9	203186	REEL ASSY 12 DIA X 90" (SEE PAGE 10-53)	2
10	229718	ARM ASSY, 3 RSD (SEE PAGE 10-57)	8

3 RSD & Flat Reel Layout 8530-30'

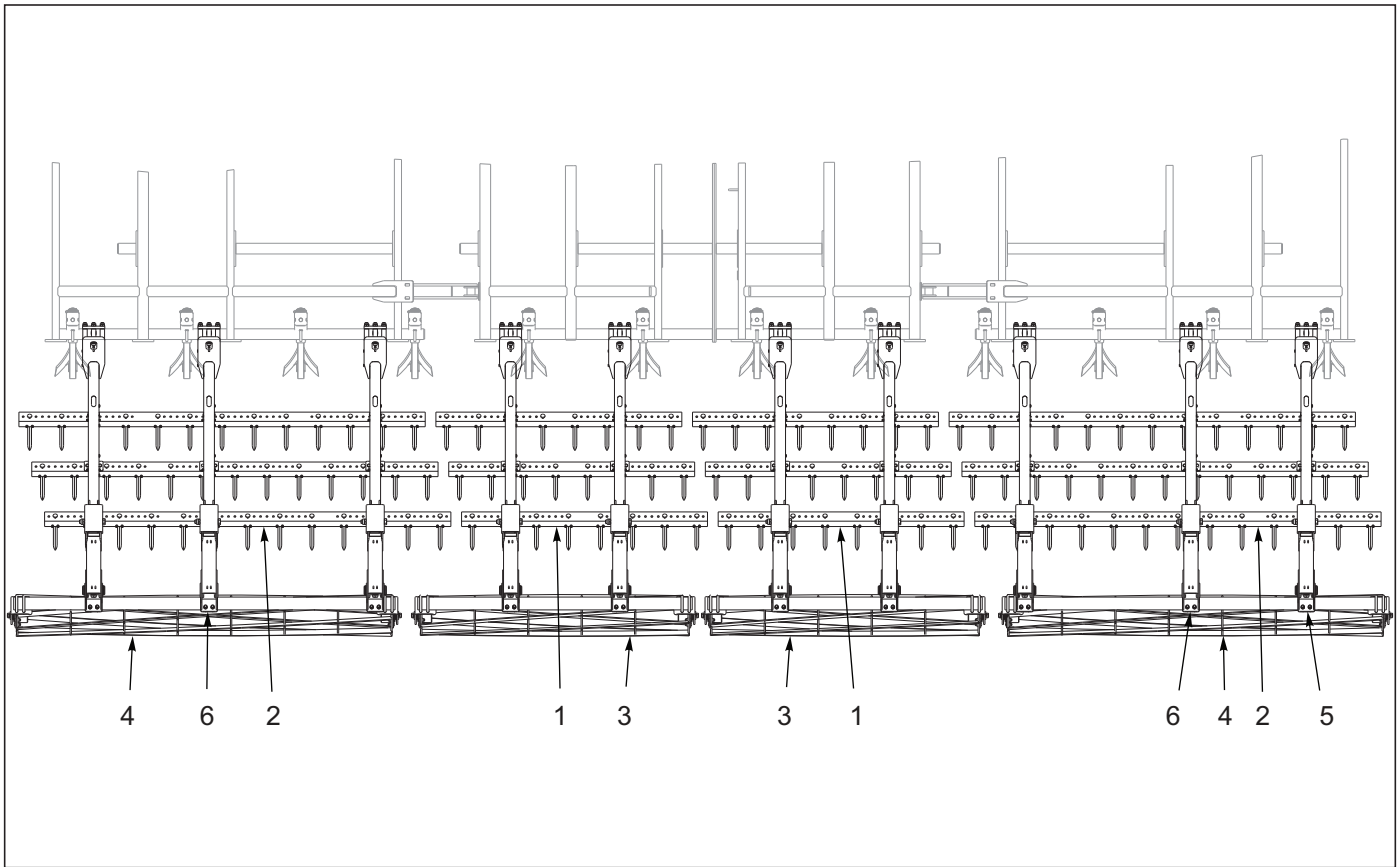


Figure 10-39: 3 Row Spike & Reel Layout 8530-30'

3 RSD & Flat Reel Layout 8530-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	232360	3 RSD & FLAT REEL, 8530-30	
1	186187	SPIKE BAR ASSY, 8 TOOTH 9 SP (SEE PAGE 10-55)	6
2	186192	SPIKE BAR ASSY, 13 TOOTH 9 SP (SEE PAGE 10-55)	6
3	203185	REEL ASSY 12 DIA X 75" (SEE PAGE 10-53)	2
4	203187	REEL ASSY 12 DIA X 105" (SEE PAGE 10-53)	2
5	229718	ARM ASSY, 3 RSD (SEE PAGE 10-57)	8
6	229719	ARM ASSY, 3 RSD W/O SPRING (SEE PAGE 10-59)	2

3 RSD & Flat Reel Layout 8530-33'

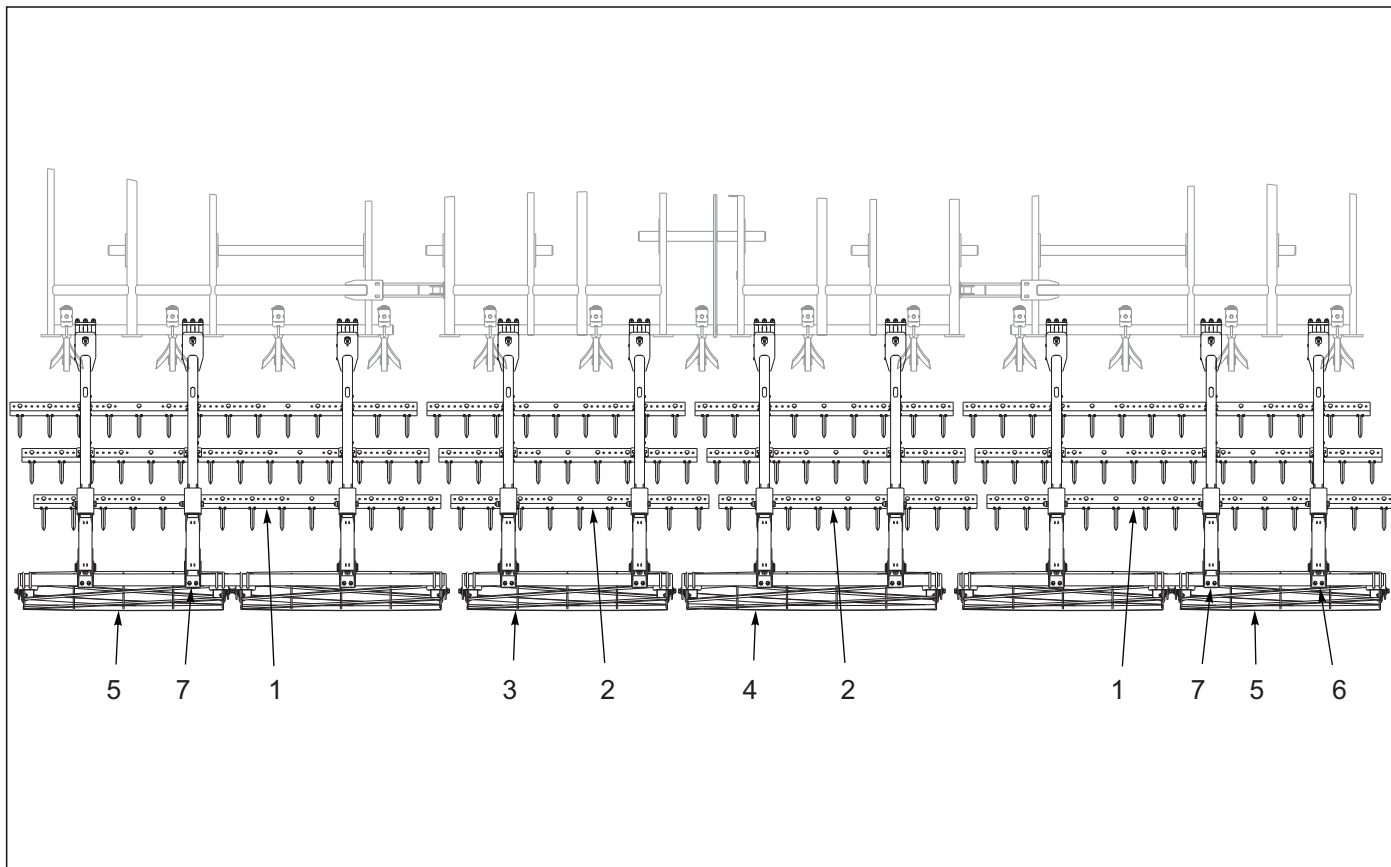


Figure 10-40: 3 Row Spike & Reel Layout 8530-33'

3 RSD & Flat Reel Layout 8530-33'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	232361	3 RSD & FLAT REEL, 8530-33	
1	186170	SPIKE BAR ASSY, 14 TOOTH 9 SP (SEE PAGE 10-55)	6
2	186188	SPIKE BAR ASSY, 9 TOOTH 9 SP (SEE PAGE 10-55)	6
3	203184	REEL ASSY 12 DIA X 60" (SEE PAGE 10-53)	1
4	203185	REEL ASSY 12 DIA X 75" (SEE PAGE 10-53)	1
5	203188	REEL ASSY 12 DIA X 120" (SEE PAGE 10-53)	2
6	229718	ARM ASSY, 3 RSD (SEE PAGE 10-57)	8
7	229719	ARM ASSY, 3 RSD W/O SPRING (SEE PAGE 10-59)	2

3 RSD & Flat Reel Layout 8530-35'

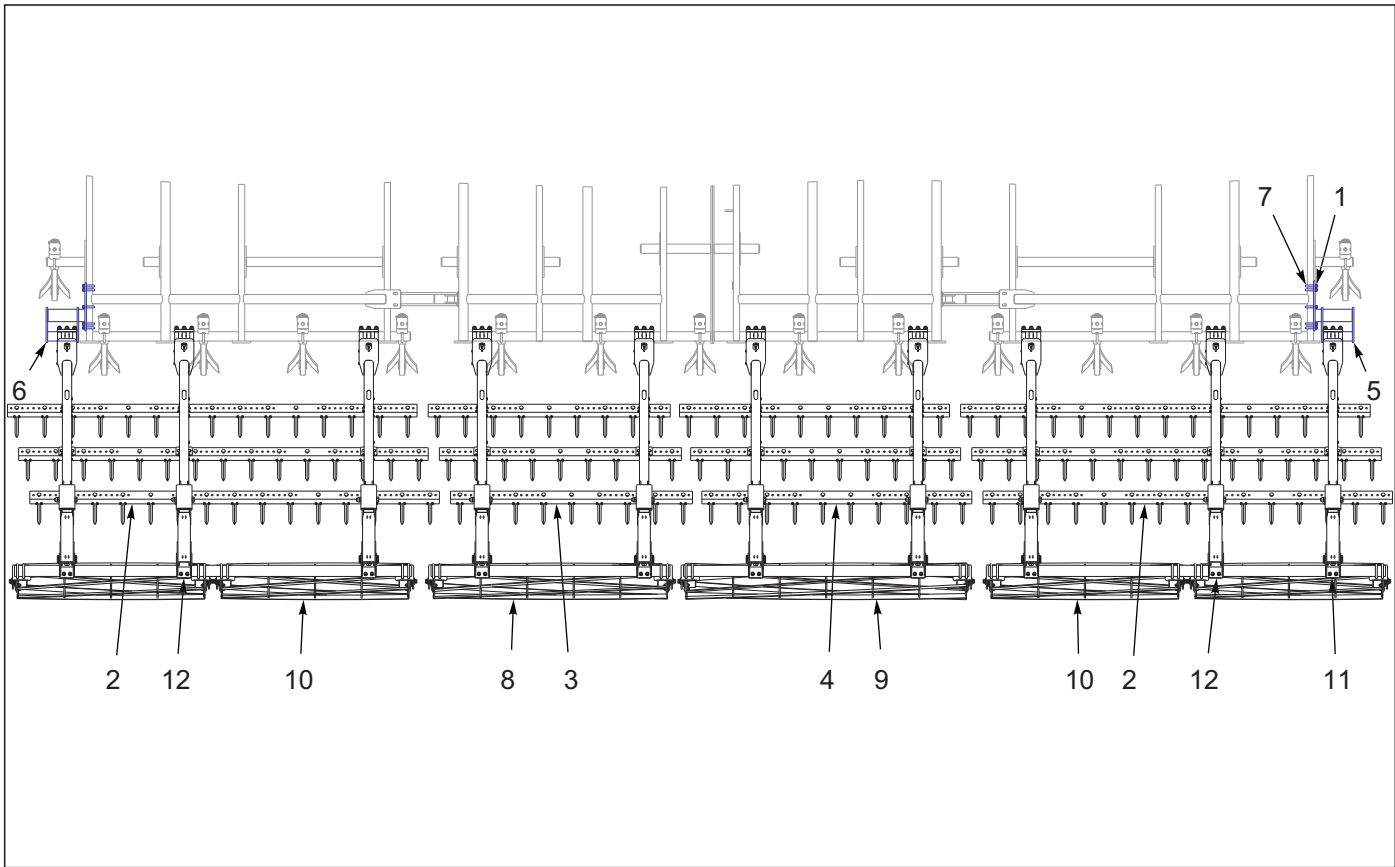


Figure 10-41: 3 Row Spike & Reel Layout 8530-35'

3 RSD & Flat Reel Layout 8530-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	232362	3 RSD & FLAT REEL, 8530-35	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	20
2	186174	SPIKE BAR ASSY, 15 TOOTH 9 SP	6
3	186188	SPIKE BAR ASSY, 9 TOOTH 9 SP (SEE PAGE 10-55)	3
4	186189	SPIKE BAR ASSY, 10 TOOTH 9 SP (SEE PAGE 10-55)	3
5	187545	EXTENSION, HARROW MOUNT RT	1
6	187546	EXTENSION, HARROW MOUNT LT	1
7	2-102-010068	U-BOLT 5/8-11X6-11/16X3-1/2	10
8	203185	REEL ASSY 12 DIA X 75" (SEE PAGE 10-53)	1
9	203186	REEL ASSY 12 DIA X 90" (SEE PAGE 10-53)	1
10	203188	REEL ASSY 12 DIA X 120" (SEE PAGE 10-53)	2
11	229718	ARM ASSY, 3 RSD (SEE PAGE 10-57)	8
12	229719	ARM ASSY, 3 RSD W/O SPRING (SEE PAGE 10-59)	2

[illegible]

Flat Reel Assembly

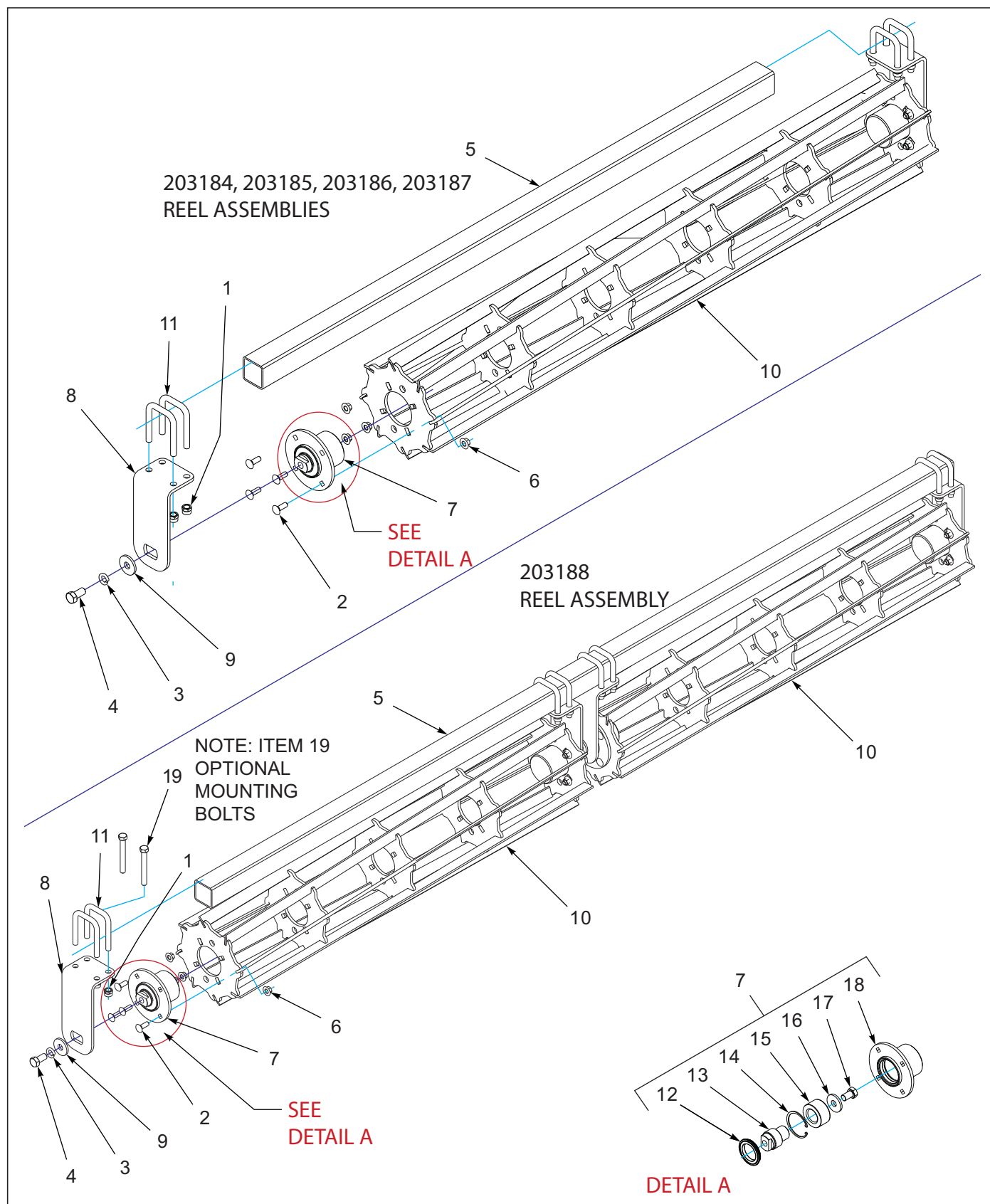


Figure 10-42: Flat Reel Assembly

Flat Reel Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.				
--	203184	REEL ASSY 12 DIA X 60"	*				
--	203185	REEL ASSY 12 DIA X 75"	*				
--	203186	REEL ASSY 12 DIA X 90"	*				
--	203187	REEL ASSY 12 DIA X 105"	*				
--	203188	REEL ASSY 12 DIA X 120"	*				
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	8	8	8	8	16
2	1-654-010070-03	SCREW RDHD SQNK1/2-13X1-1/2	8	8	8	8	16
3	1-861-010034-17	WASHER,LKG,HLCL SPR,3/4	2	2	2	2	4
4	108705	SCREW,HEXCAP,3/4-10X1-1/2 GR8	2	2	2	2	4
5	166340	GANG BAR REEL 62 L	1	--	--	--	--
5	166341	GANG BAR, REEL, 77 L	--	1	--	--	--
5	166342	GANG BAR, REEL, 92 L	--	--	1	--	--
5	166343	GANG BAR, REEL, 107"	--	--	--	1	--
5	204380	GANG BAR, REEL 128"	--	--	--	--	1
6	172509	NUT,1/2-13 WIDE FLNG TOP LCK F	8	8	8	8	16
7	200222	HUB ASSY REEL	2	2	2	2	4
8	200238	BEARING MOUNT, REEL	2	2	2	2	4
9	200259	WASHER, 3/4 HEAVY - 2-1/4	2	2	2	2	4
10	200296	REEL, 12" DIA X 60" FLAT WLDMT	1	--	--	--	2
10	200297	REEL, 12" DIA X 75" FLAT WLDMT	--	1	--	--	--
10	200298	REEL, 12" DIA X 90" FLAT WLDMT	--	--	1	--	--
10	200299	REEL,12" DIA X 105" FLAT WLDMT	--	--	--	1	--
11	8-102-010012	U BOLT	4	4	4	4	8
12	185757	SEAL, MAINT FREE HUB HSL	2	2	2	2	4
13	200218	SPINDLE REEL BEARING	2	2	2	2	4
14	174532	INTERNAL SNAP RING	2	2	2	2	4
15	174526	BEARING, DOUBLE TAPER RLLR	2	2	2	2	4
16	200259	WASHER, 3/4 HEAVY - 2-1/4	2	2	2	2	4
17	129263	SCREW HEX CAP 3/4-10 X 1-1/4	2	2	2	2	4
18	200221	HUB WLDMT REEL	2	2	2	2	4
19	1-654-010059-15	SCREW,HEX CAP,5/8-11UNCX5 GR5(OPTIONAL MOUNTING BOLTS)					

Spike Bar Assembly, 9 SP

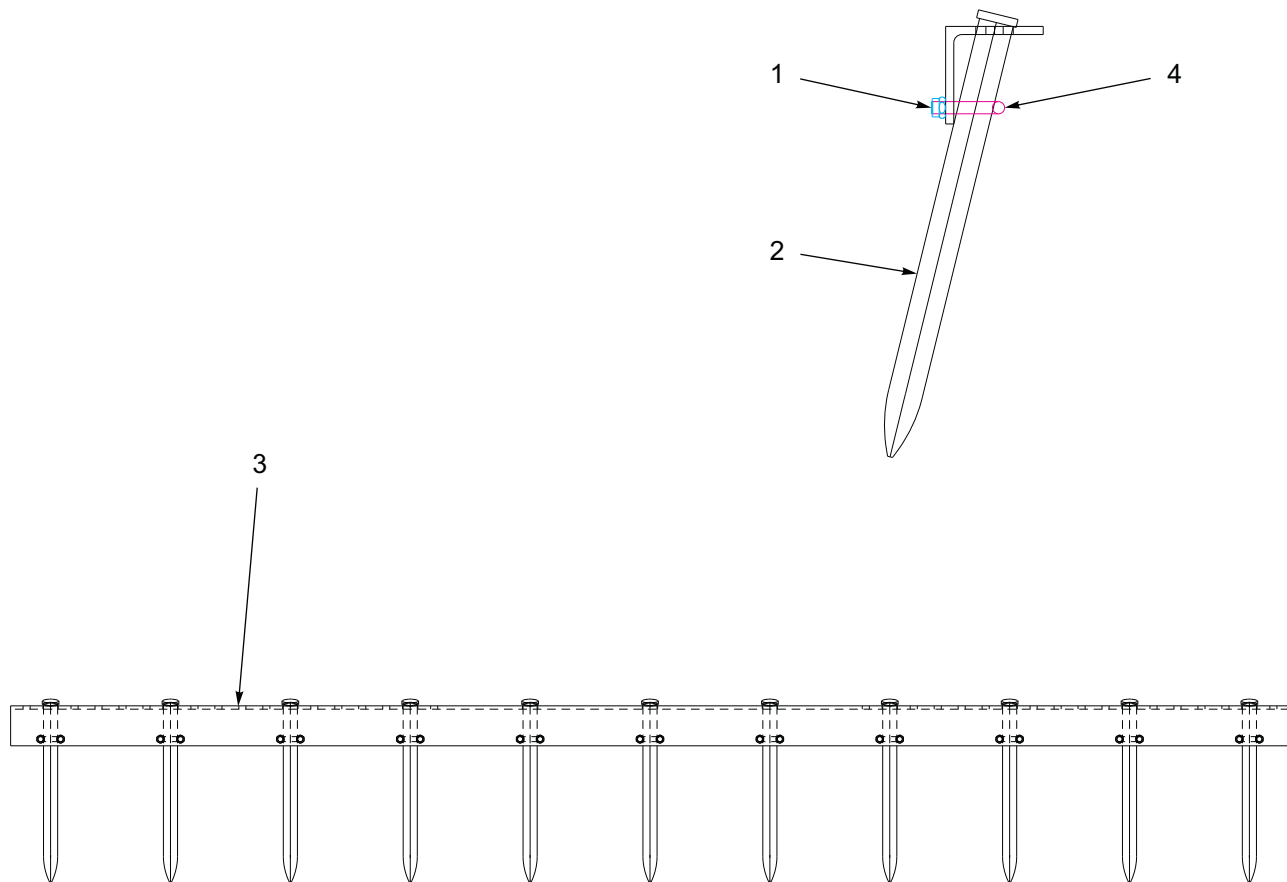


Figure 10-43: Spike Bar Assembly, 9 SP

Spike Bar Assembly, 9 SP

ITEM	PART NUMBER	DESCRIPTION	QTY.									
--	186187	SPIKE BAR ASSY, 8 TOOTH 9SP	*									
--	186188	SPIKE BAR ASSY, 9 TOOTH 9SP		*								
--	186189	SPIKE BAR ASSY, 10 TOOTH 9SP			*							
--	186190	SPIKE BAR ASSY, 11 TOOTH 9 SP				*						
--	186191	SPIKE BAR ASSY, 12 TOOTH 9SP					*					
--	186192	SPIKE BAR ASSY, 13 TOOTH 9SP						*				
--	186170	SPIKE BAR ASSY, 14 TOOTH 9SP							*			
--	186174	SPIKE BAR ASSY, 15 TOOTH 9SP								*		
1	1-512-010005-05	NUT, HEX, SLFLKG, 3/8-16, UNC GRB	16	18	20	22	24	26	28	30		
2	166148	SPIKE, TOOTH, 3/4 SQ X 14	8	9	10	11	12	13	14	15		
3	186178	SPIKE BAR, 8T 69 9SP	1	--	--	--	--	--	--	--		
3	186179	SPIKE BAR, 9T 78 9SP	--	1	--	--	--	--	--	--		
3	186180	SPIKE BAR, 10T 87 9SP	--	--	1	--	--	--	--	--		
3	186181	SPIKE BAR, 11T 96 9SP	--	--	--	1	--	--	--	--		
3	186182	SPIKE BAR, 12T 105 9SP	--	--	--	--	1	--	--	--		
3	186183	SPIKE BAR, 13T 114 9SP	--	--	--	--	--	1	--	--		
3	186169	SPIKE BAR, 14T 123 9SP	--	--	--	--	--	--	1	--		
3	186173	SPIKE BAR, 15T 132 9SP	--	--	--	--	--	--	--	1		
4	8-102-010017	U-BOLT, SPIKE ANCHOR	8	9	10	11	12	13	14	15		

3 RSD Arm Assembly

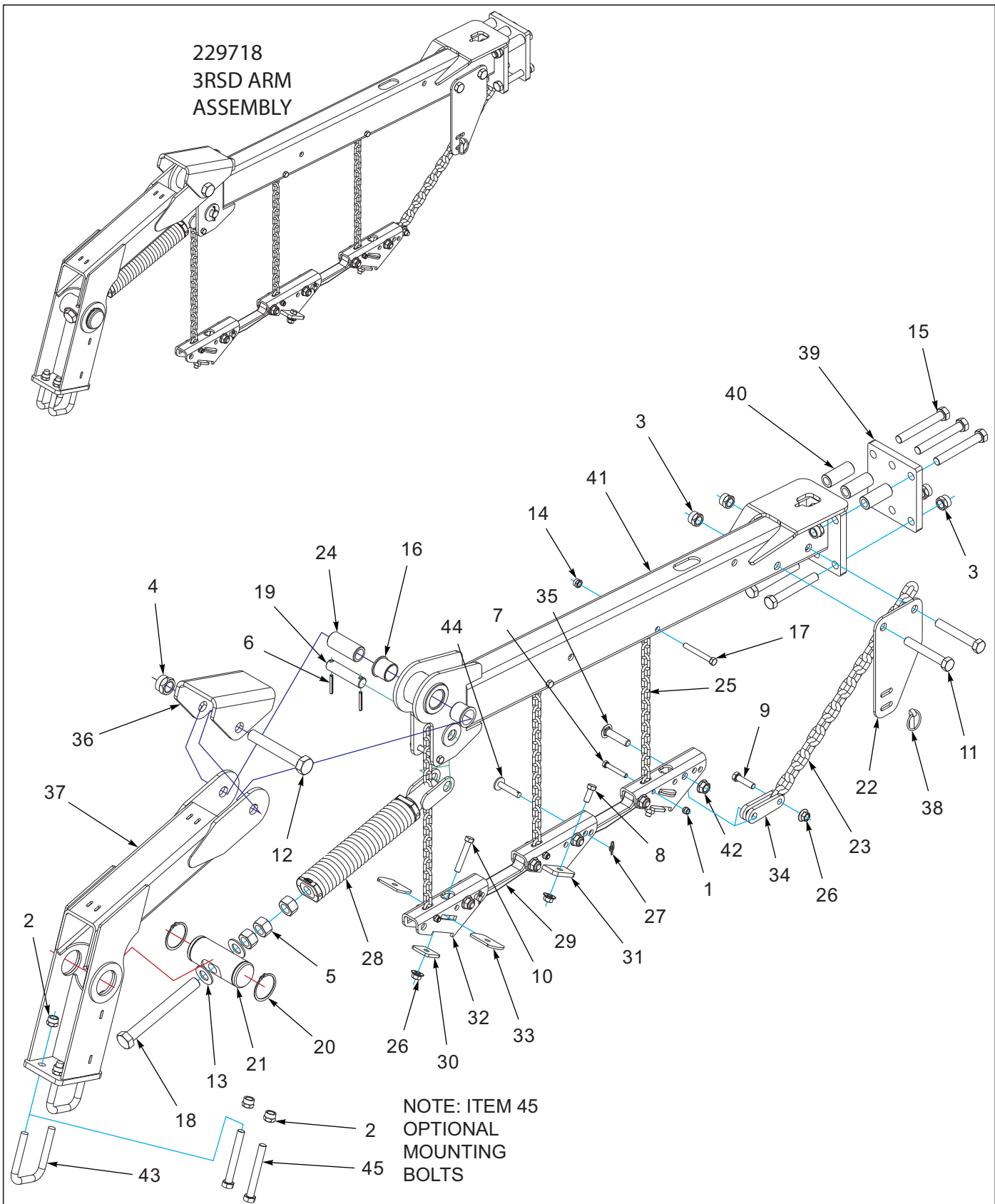


Figure 10-44: 3 RSD Arm Assembly

3 RSD Arm Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	229718	ARM ASSY 3 RSD	
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	3
2	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	4
3	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	8
4	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	1
5	1-512-010007-14	NUT, HEX 1-8 GR2 ZP	3
6	1-647-010004221	PIN,SPRING 1/4X2 SLOTTED	2
7	1-654-010051-11	SCREW HX CP 3/8-16X2-1/2 G5ZP	3
8	1-654-010055-02	SCREW 1/2-13UNCX1-1/4 CP GR5	2
9	1-654-010055-05	SCREW,HEX CAP,1/2-13UNCX2 GR5	1
10	1-654-010055-09	SCREW,HX CP,1/2-13UNCX3 GR5	2
11	1-654-010061-15	SCREW,HX CP 3/4-10UNCX5 GR5	2
12	1-654-010125-18	SCREW HEX CAP,1-8UNCX6-1/2GR8	1
13	1-861-010032-24	WASHER FL 1IN NARROW ZP	2
14	101988	NUT,HEXSLF-LKG 7/16-14 GRB	3
15	139201	SCREW,HX CP 3/4-10UNCX5.50GR8	6
16	140599	BEARING, FLANGE 1-1/2"	2
17	141808	SCREW HX CP7/16-14UNCX3-1/2G5	3
18	152210	BOLT, ADJ, 1 X 9	1
19	156785	PIN 1 X 4-1/4	1
20	158896	SNAP RING, 2-1/2 SHAFT	2
21	158897	PIN, ADJUSTMENT	1
22	166177	BRACKET, PULL CHAIN	1
23	166242	CHAIN, PULL 3/8	1
24	168739	BUSHING PIVOT 1-1/2 X 3-7/16	1
25	168764	CHAIN 17 LINK 1/4	3
26	172509	NUT,1/2-13 WIDE FLNG TOP LCK F	5
27	172673	WRAP AROUND LOCKING COTTER	2
28	172677	SPRING ASSY, W/ANCHOR	1
29	185697	LINK, HARROW BAR	2
30	186193	CLAMP PLATE, SPIKE BAR	2
31	186200	MOUNT, HARROW BAR W/TABS WLDMT	1
32	186204	MOUNT, HARROW BAR	2
33	186205	PLATE, BAR CLAMP	4
34	186210	CONNECTOR, PULL CHAIN	2
35	187517	SCREW RDHD SHT SQNK5/8-11X2.75	5
36	191459	STOP, HARROW ARM	1
37	199359	ARM WLDMT REEL	1
38	2-557-010009	PIN LYNCH	1
39	208187	MOUNTING PLATE, HARROW 6-BOLT	1
40	211056	BUSHING, CLAMP 3" L	3
41	227666	ARM, HARROW 6-BOLT WLDMT	1
42	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	5
43	8-102-010012	U BOLT	2
44	8C520	CLEVIS PIN	2
45	1-654-010059-15	SCREW,HEX CAP,5/8-11UNCX5 GR5 (OPTIONAL MOUNTING BOLTS)	

3 RSD Arm Assembly W/O Spring

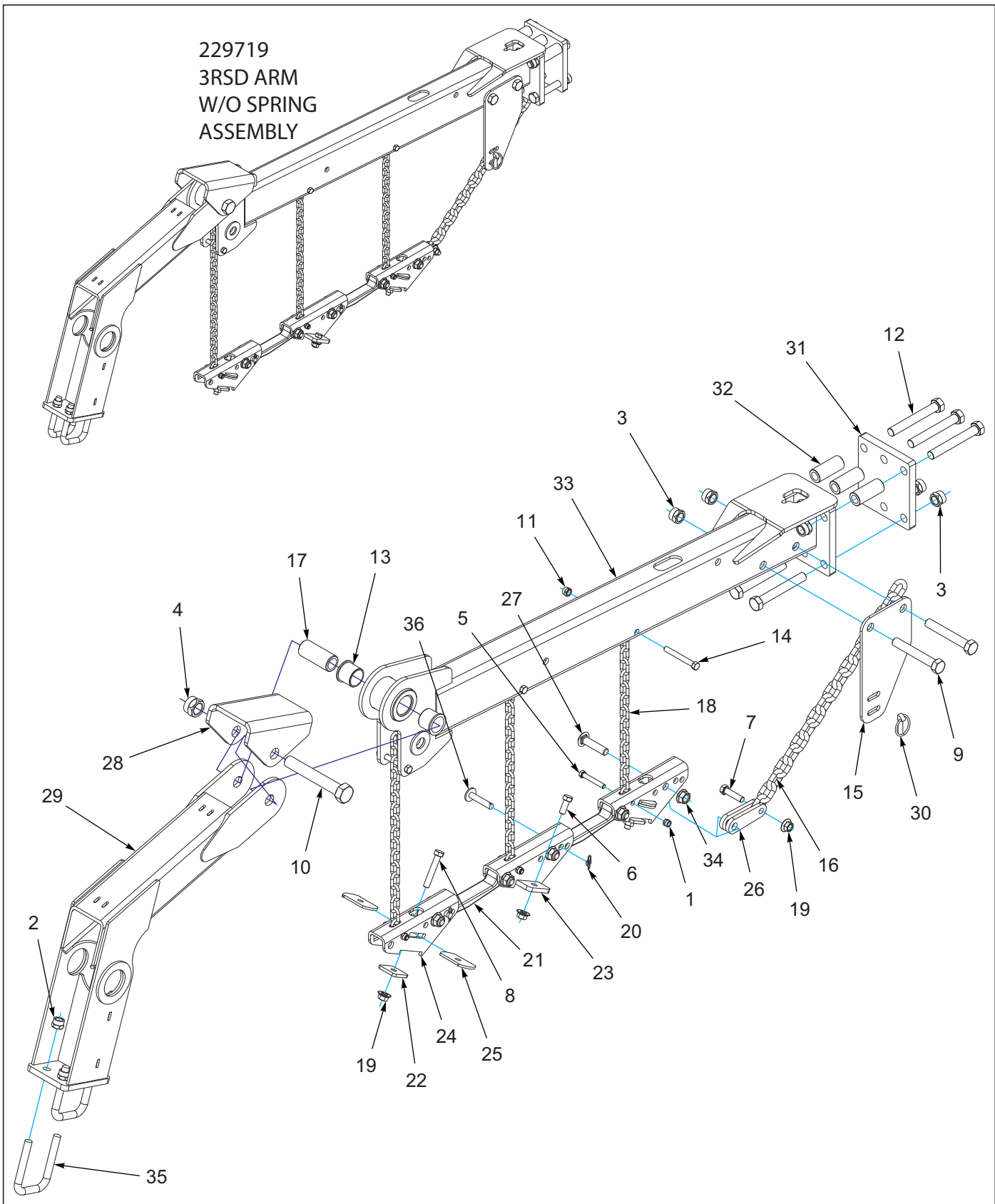


Figure 10-45: 3 RSD Arm Assembly W/O Spring

3 RSD Arm Assembly W/O Spring

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	229719	ARM ASSY 3 RSD W/O SPRING	
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	3
2	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	4
3	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	8
4	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	1
5	1-654-010051-11	SCREW HX CP 3/8-16X2-1/2 G5ZP	3
6	1-654-010055-02	SCREW 1/2-13UNCX1-1/4 CP GR5	2
7	1-654-010055-05	SCREW,HEX CAP,1/2-13UNCX2 GR5	1
8	1-654-010055-09	SCREW,HX CP,1/2-13UNCX3 GR5	2
9	1-654-010061-15	SCREW,HX CP 3/4-10UNCX5 GR5	2
10	1-654-010125-18	SCREW HEX CAP,1-8UNCX6-1/2GR8	1
11	101988	NUT,HEXSLF-LKG 7/16-14 GRB	3
12	139201	SCREW,HX CP 3/4-10UNCX5.50GR8	6
13	140599	BEARING, FLANGE 1-1/2"	2
14	141808	SCREW HX CP7/16-14UNCX3-1/2G5	3
15	166177	BRACKET, PULL CHAIN	1
16	166242	CHAIN, PULL 3/8	1
17	168739	BUSHING PIVOT 1-1/2 X 3-7/16	1
18	168764	CHAIN 17 LINK 1/4	3
19	172509	NUT,1/2-13 WIDE FLNG TOP LCK F	5
20	172673	WRAP AROUND LOCKING COTTER	2
21	185697	LINK, HARROW BAR	2
22	186193	CLAMP PLATE, SPIKE BAR	2
23	186200	MOUNT, HARROW BAR W/TABS WLDMT	1
24	186204	MOUNT, HARROW BAR	2
25	186205	PLATE, BAR CLAMP	4
26	186210	CONNECTOR, PULL CHAIN	2
27	187517	SCREW RDHD SHT SQNK5/8-11X2.75	5
28	191459	STOP, HARROW ARM	1
29	199359	ARM WLDMT REEL	1
30	2-557-010009	PIN LYNCH	1
31	208187	MOUNTING PLATE, HARROW 6-BOLT	1
32	211056	BUSHING, CLAMP 3" L	3
33	227666	ARM, HARROW 6-BOLT WLDMT	1
34	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	5
35	8-102-010012	U BOLT	2
36	8C520	CLEVIS PIN	2

Spike & Double Reel Layout 8530-19'

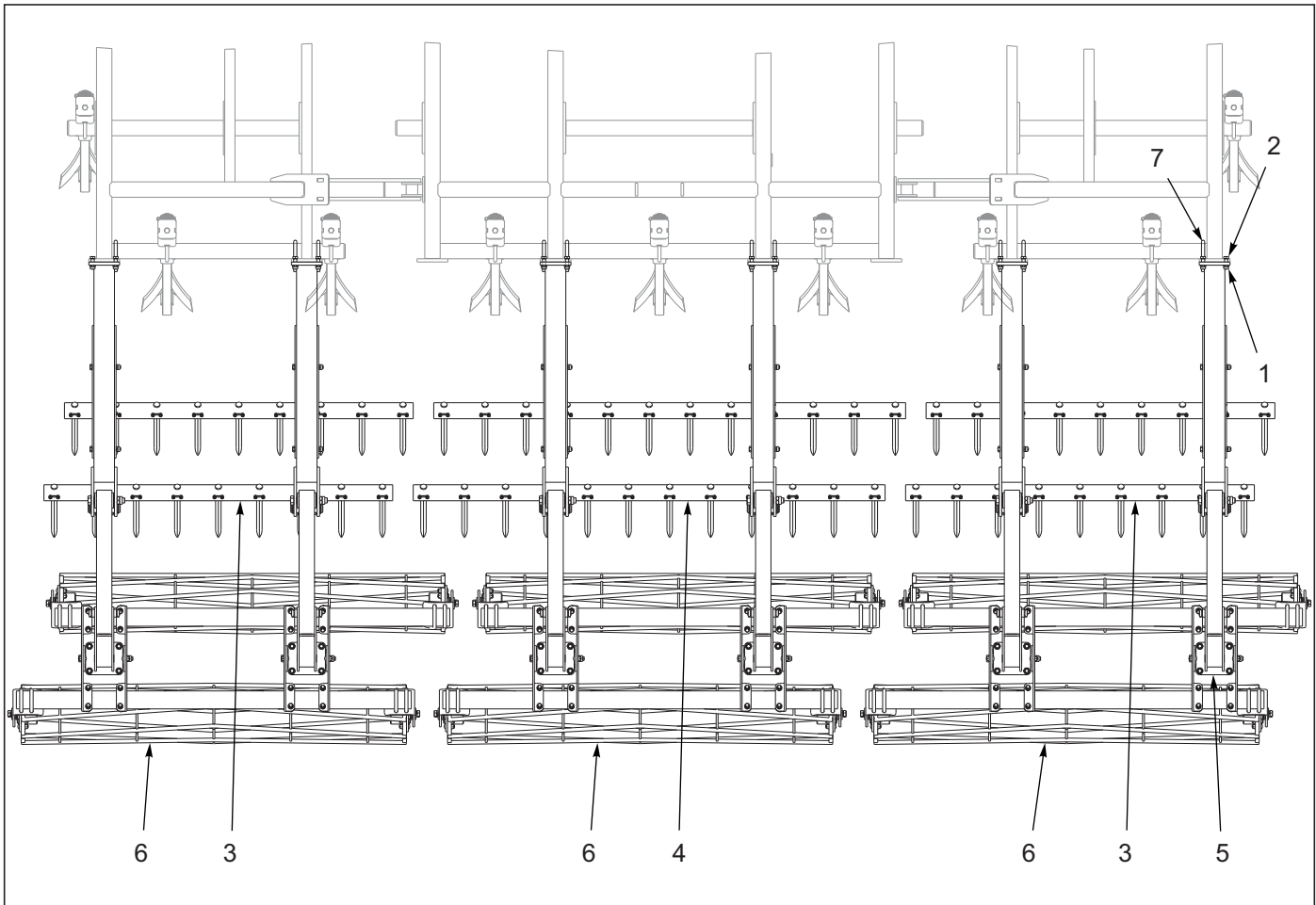


Figure 10-46: Spike & Double Reel Layout 8530-19'

Spike & Double Reel Layout 8530-19'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	205187	SPIKE/DOUBLE REEL ASSY 8530-19	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	36
2	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	16
3	189416	SPIKE BAR ASSY 9 TOOTH (SEE PAGE 10-53)	4
4	189419	SPIKE BAR ASSY 12 TOOTH (SEE PAGE 10-53)	2
5	200240	HARROW ARM ASSY DOUBLE REEL (SEE PAGE 10-73)	6
6	200254	REEL ASSY 12 DIA X 75" (SEE PAGE 10-43)	6
7	6-102-010009	U-BOLT RIGID GA WHEEL	10

Spike & Double Reel Layout 8530-22'

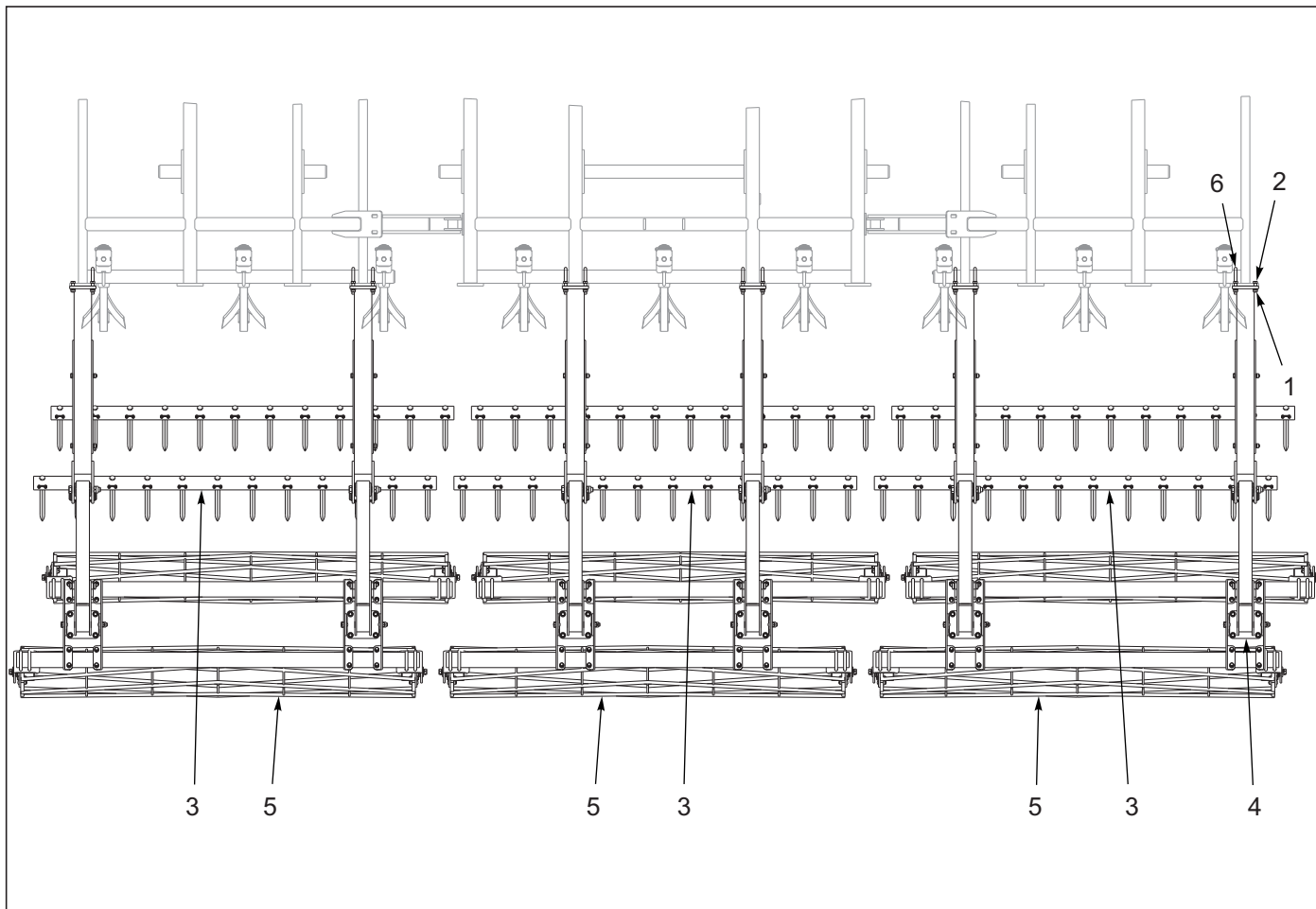


Figure 10-47: Spike & Double Reel Layout 8530-22'

Spike & Double Reel Layout 8530-22'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	205139	SPIKE/DOUBLE REEL ASSY 8530-22	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	36
2	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	16
3	189419	SPIKE BAR ASSY 12 TOOTH (SEE PAGE 10-53)	6
4	200240	HARROW ARM ASSY DOUBLE REEL (SEE PAGE 10-73)	6
5	200255	REEL ASSY 12 DIA X 90" (SEE PAGE 10-43)	6
6	6-102-010009	U-BOLT RIGID GA WHEEL	10

Spike & Double Reel Layout 8530-25'

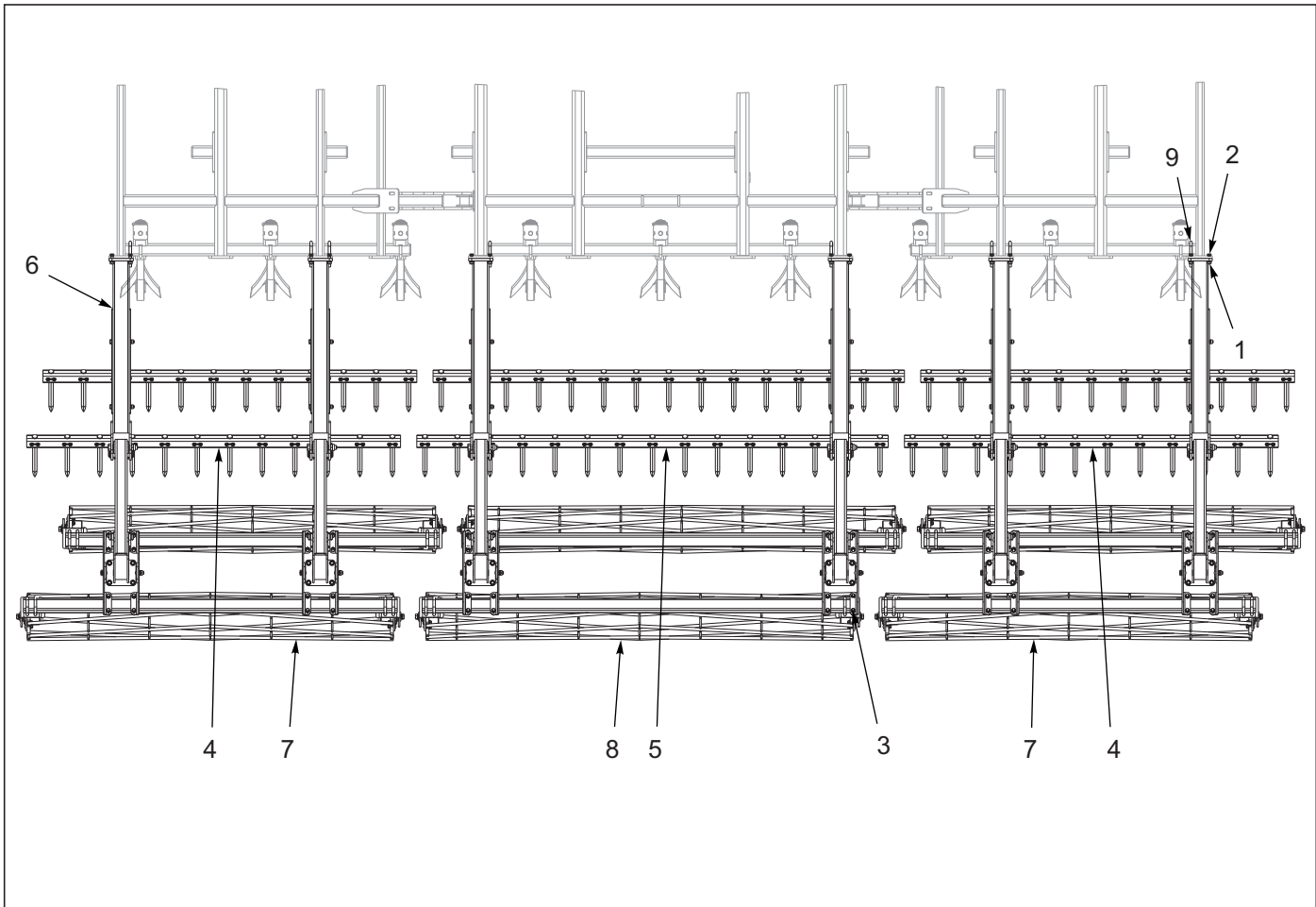


Figure 10-48: Spike & Double Reel Layout 8530-25'

Spike & Double Reel Layout 8530-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	197740	SPIKE/DOUBLE REEL ASSY 8530-25	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	36
2	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	20
3	1-654-010059-15	SCREW,HEX CAP,5/8-11UNCX5 GR5	4
4	189419	SPIKE BAR ASSY 12 TOOTH (SEE PAGE 10-55)	4
5	189422	SPIKE BAR ASSY 15 TOOTH (SEE PAGE 10-55)	2
6	200240	HARROW ARM ASSY DOUBLE REEL (SEE PAGE 10-73)	6
7	200255	REEL ASSY 12 DIA X 90" (SEE PAGE 10-43)	4
8	200256	REEL ASSY 12 DIA X 105" (SEE PAGE 10-43)	2
9	6-102-010009	U-BOLT RIGID GA WHEEL	8

Spike & Double Reel Layout 8530-27'

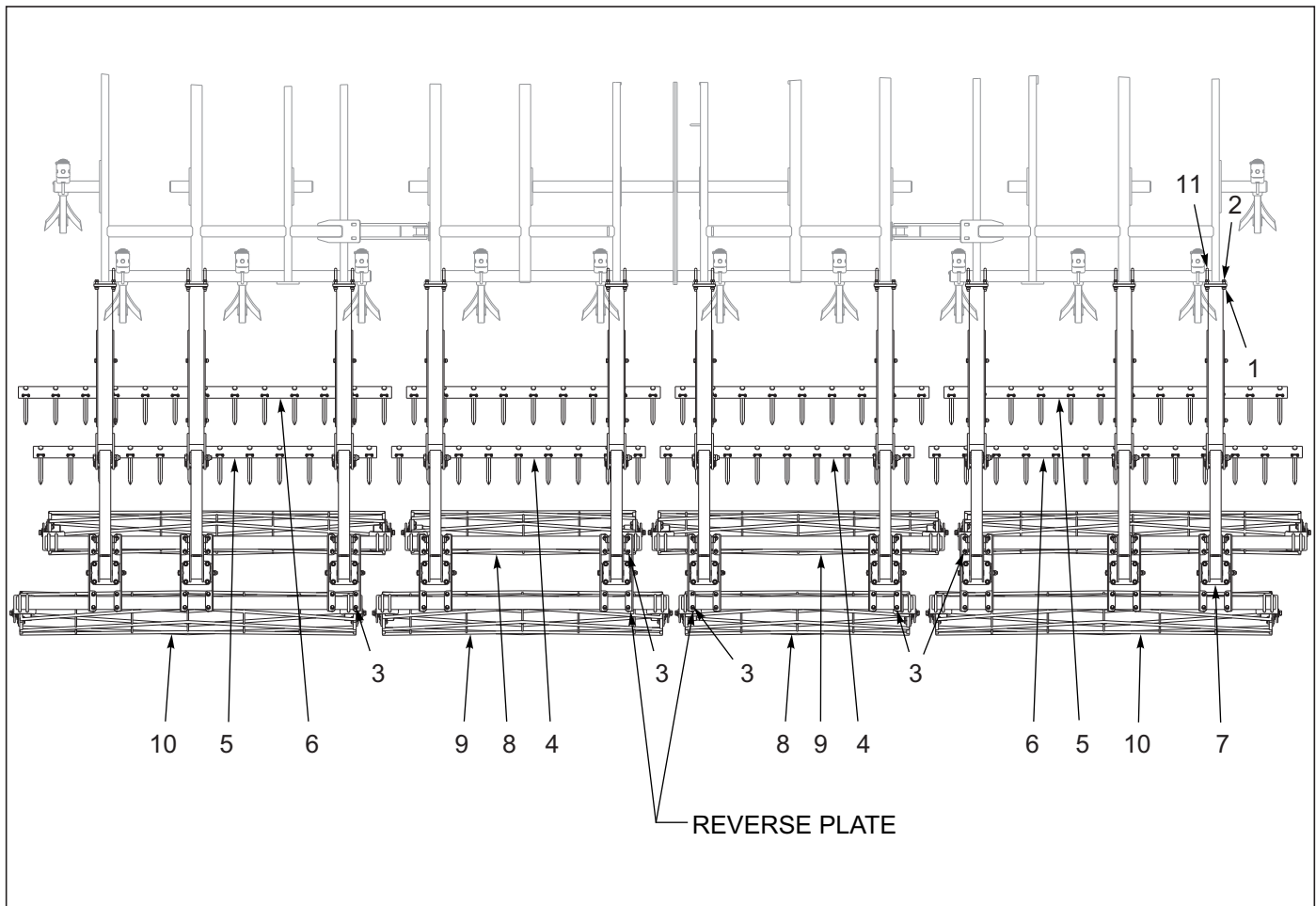


Figure 10-49: Spike & Double Reel Layout 8530-27'

Spike & Double Reel Layout 8530-27'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	205138	SPIKE/DOUBLE REEL ASSY 8530-27	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	60
2	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	28
3	1-654-010059-15	SCREW,HEX CAP,5/8-11UNCX5 GR5	8
4	189416	SPIKE BAR ASSY 9 TOOTH (SEE PAGE 10-53)	4
5	189419	SPIKE BAR ASSY 12 TOOTH (SEE PAGE 10-53)	2
6	189420	SPIKE BAR ASSY 13 TOOTH (SEE PAGE 10-53)	2
7	200240	HARROW ARM ASSY DOUBLE REEL (SEE PAGE 10-73)	10
8	200253	REEL ASSY 12 DIA X 60" (SEE PAGE 10-43)	2
9	200254	REEL ASSY 12 DIA X 75" (SEE PAGE 10-43)	2
10	200255	REEL ASSY 12 DIA X 90" (SEE PAGE 10-43)	4
11	6-102-010009	U-BOLT RIGID GA WHEEL	16

Spike & Double Reel Layout 8530-30'

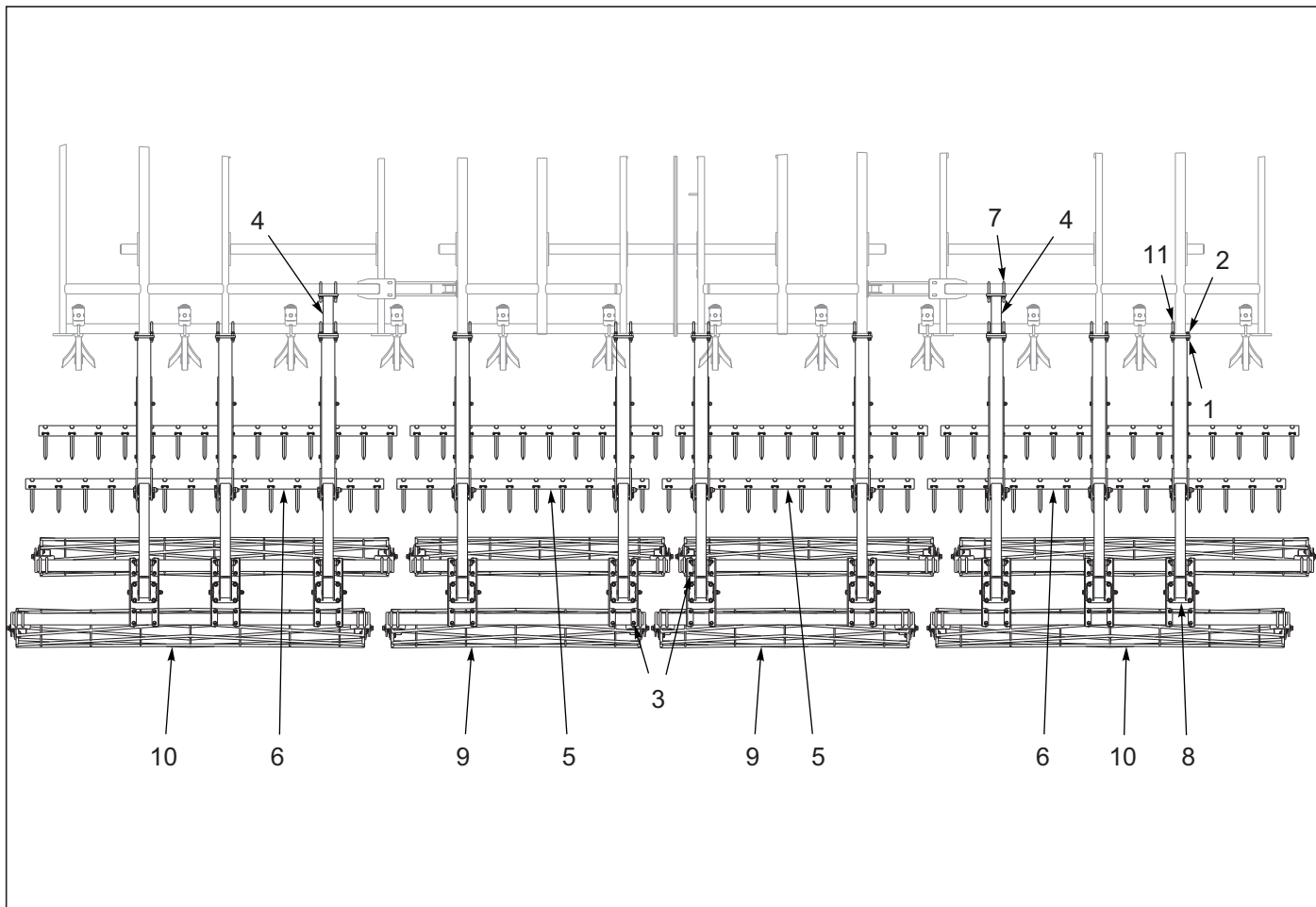


Figure 10-50: Spike & Double Reel Layout 8530-30'

Spike & Double Reel Layout 8530-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	187592	SPIKE/DOUBLE REEL ASSY 8530-30	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	68
2	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	24
3	1-654-010059-15	SCREW,HEX CAP,5/8-11UNCX5 GR5	4
4	189400	EXTENSION WLDMT HARROW ARM	2
5	189417	SPIKE BAR ASSY 10 TOOTH (SEE PAGE 10-53)	4
6	189421	SPIKE BAR ASSY 14 TOOTH (SEE PAGE 10-53)	4
7	2-102-010032	U BOLT CENTER SHANK MT.	4
8	200240	HARROW ARM ASSY DOUBLE REEL (SEE PAGE 10-73)	10
9	200254	REEL ASSY 12 DIA X 75" (SEE PAGE 10-43)	4
10	200256	REEL ASSY 12 DIA X 105" (SEE PAGE 10-43)	4
11	6-102-010009	U-BOLT RIGID GA WHEEL	18

Spike & Double Reel Layout 8530-33'

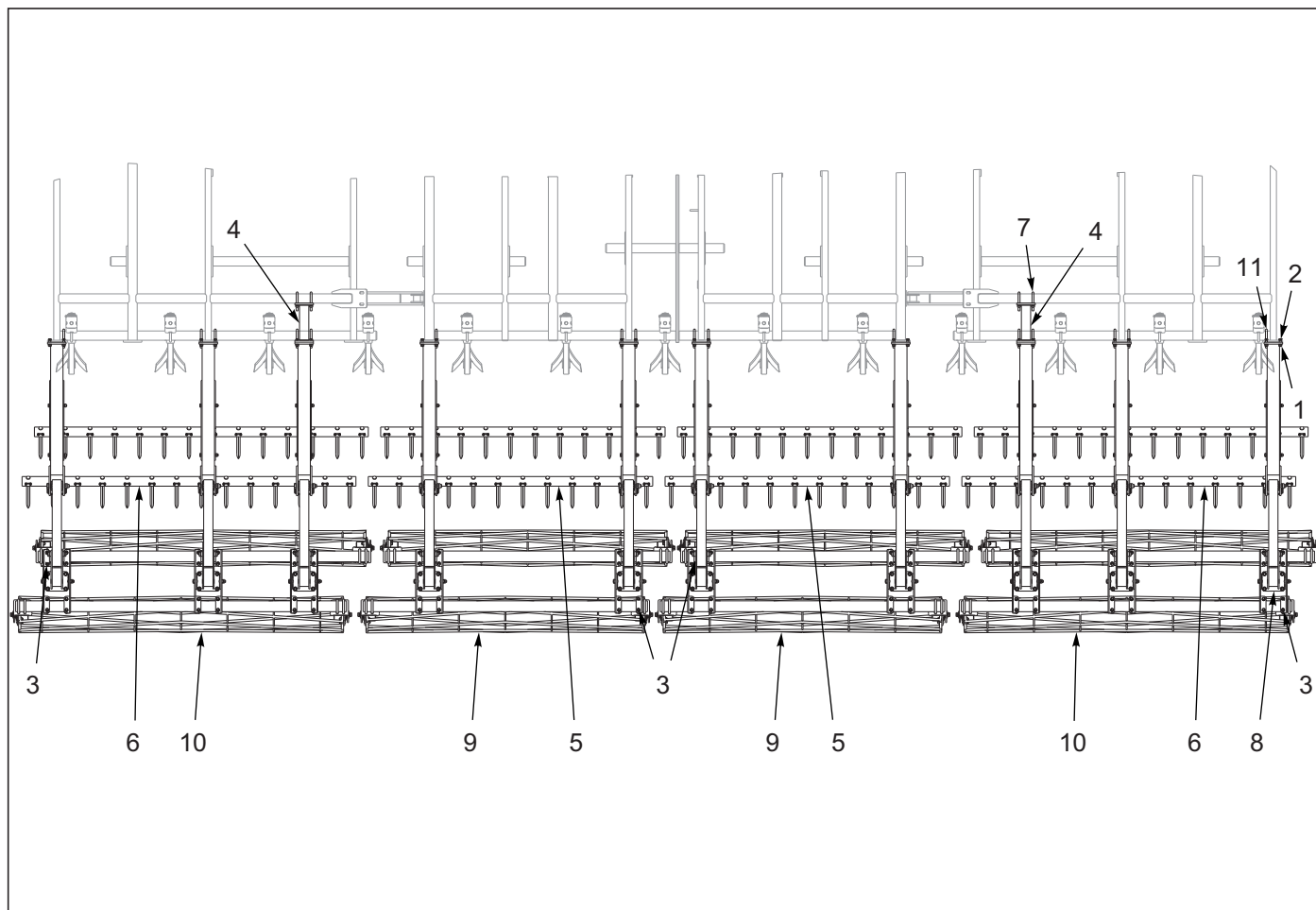


Figure 10-51: Spike & Double Reel Layout 8530-33'

Spike & Double Reel Layout 8530-33'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	194694	SPIKE/DOUBLE REEL ASSY 8530-33	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	68
2	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	28
3	1-654-010059-15	SCREW,HEX CAP,5/8-11UNCX5 GR5	8
4	189400	EXTENSION WLDMT HARROW ARM	2
5	189419	SPIKE BAR ASSY 12 TOOTH (SEE PAGE 10-53)	4
6	189421	SPIKE BAR ASSY 14 TOOTH (SEE PAGE 10-53)	4
7	2-102-010032	U BOLT CENTER SHANK MT.	4
8	200240	HARROW ARM ASSY DOUBLE REEL (SEE PAGE 10-73)	10
9	200255	REEL ASSY 12 DIA X 90 (SEE PAGE 10-43)	4
10	200256	REEL ASSY 12 DIA X 105 (SEE PAGE 10-43)	4
11	6-102-010009	U-BOLT RIGID GA WHEEL	16

Spike & Double Reel Layout 8530-35'

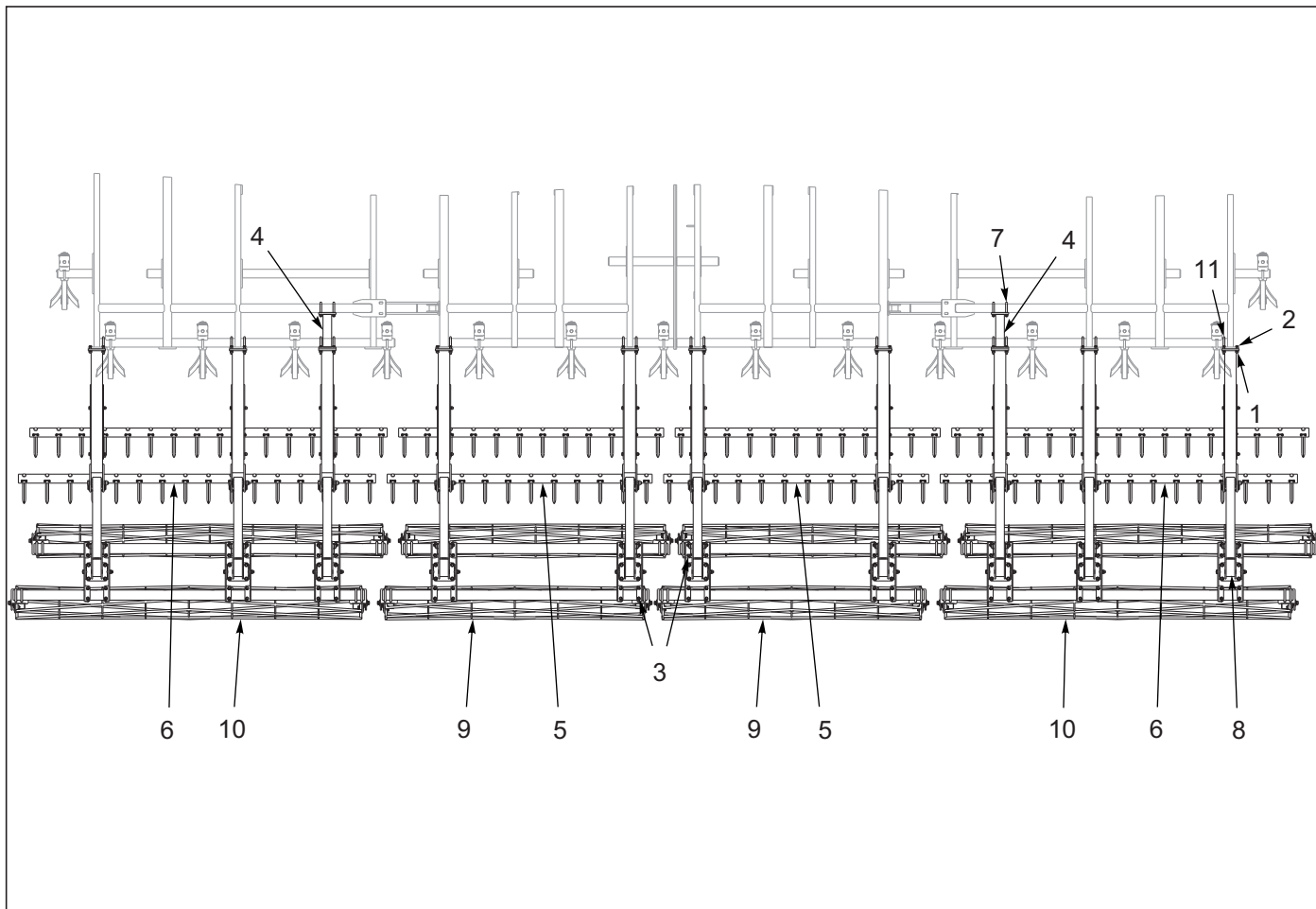


Figure 10-52: Spike & Double Reel Layout 8530-35'

Spike & Double Reel Layout 8530-35'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	203099	SPIKE/DOUBLE REEL ASSY 8530-35	
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	68
2	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	28
3	1-654-010059-15	SCREW,HEX CAP,5/8-11UNCX5 GR5	4
4	189400	EXTENSION WLDMT HARROW ARM	2
5	189419	SPIKE BAR ASSY 12 TOOTH (SEE PAGE 10-53)	4
6	189423	SPIKE BAR ASSY 16 TOOTH (SEE PAGE 10-53)	4
7	189433	U-BOLT, 5/8X6-11/16X4-1/2	4
8	200240	HARROW ARM ASSY DOUBLE REEL (SEE PAGE 10-73)	10
9	200255	REEL ASSY 12 DIA X 90 (SEE PAGE 10-43)	4
10	200257	REEL ASSY 12 DIA X 120 (SEE PAGE 10-43)	4
11	6-102-010009	U-BOLT RIGID GA WHEEL	16

Double Reel Harrow Arm Assembly

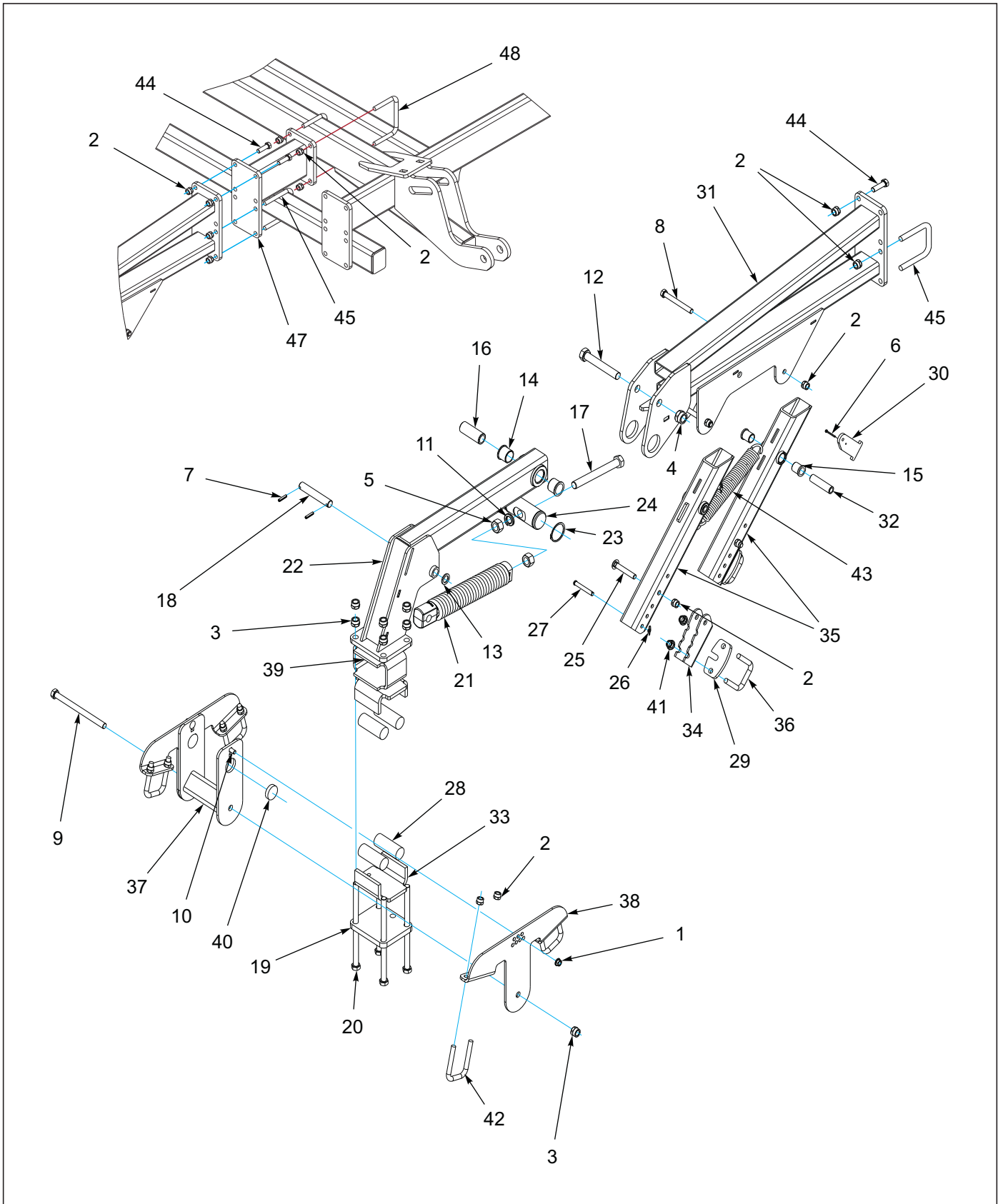


Figure 10-53: Double Reel Harrow Arm Assembly

Double Reel Harrow Arm Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	200240	HARROW ARM ASSY DOUBLE REEL	
1	1-510-010003-09	NUT,1/2-13 FLANGE HD,SERRATED	2
2	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	18
3	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	9
4	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	1
5	1-512-010007-14	NUT, HEX 1-8 GR2 ZP	2
6	1-557-010362-51	PIN, COTTER 3/16X1-1/2	2
7	1-647-010004236	SPRING PIN,SLOTTED 5/16X1-1/2	2
8	1-654-010059-16	SCREW,HEX CAP,5/8-11UNCX5.50	2
9	1-654-010061-25	SCREW,HX CP 3/4-10UNCX10 GR5	1
10	1-654-010070-02	SCREW 1/2-13X1-1/4 RD HD SQNK	2
11	1-861-010034-21	WASHER, LKG HEL SPRG 1IN	1
12	100829	SCREW,HEX CAP,1-8X6-1/2,GR5	12
13	117957	MACHINERY BUSHING,ZINC PLATED	1
14	140599	BEARING, FLANGE 1-1/2	2
15	144264	BEARING FLANGE	4
16	152209	BUSHING, PIVOT 1-1/2	1
17	152210	BOLT, ADJ, 1 X 9	1
18	154392	PIN,PIVOT	1
19	154748	PLATE, GANGBAR MOUNT	1
20	155344	SCREW HX CP 3/4-10UNCX13 GR5B	4
21	158795	SPRING ASSY, 17"	1
22	158847	ARM WLDMT REEL	1
23	158896	SNAP RING, 2-1/2 SHAFT	2
24	158897	PIN, ADJUSTMENT	1
25	166241	SCREW,RDHD SQNCK, 5/8-11X4	2
26	172673	WRAP AROUND LOCKING COTTER	2
27	176625	PIN, CLEVIS 1/2 X 3-1/2	2
28	184713	SPRING, TORSION 1-3/4	4
29	187571	CLAMP PLATE, SPIKE BAR	2
30	187575	HOOK, CHAIN	2
31	187577	HARROW ARM, DOUBLE REEL	1
32	187584	BUSHING, SPIKE ARM	2
33	187585	TUBE, CLAMP	2
34	193030	CLAMP, SPIKE HARROW	2
35	193031	ARM WLDMT SPIKE	2
36	194693	U-BOLT, 5/8 X 3-11/16 X 3-3/4	2
37	200233	MOUNT WLDMT, ADJ	1
38	200236	PLATE, REEL ADJ	2
39	200237	TUBE, SPACER	1
40	203138	SLIDE, BLOCK	2
41	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	4
42	8-102-010012	U BOLT	4
43	8-720-010011	HARROW SPRING	1
44	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	2
45	6-102-010009	U-BOLT RIGID GA WHEEL	2
46	189400	EXTENSION WLDMT HARROW ARM (MODELS 8530 30'-35')	2
47	189433	U-BOLT, 5/8X6-11/16X4-1/2(MODELS 8530 30'-35')	4

Spike Bar Assembly, 7-16 Tooth, Tube

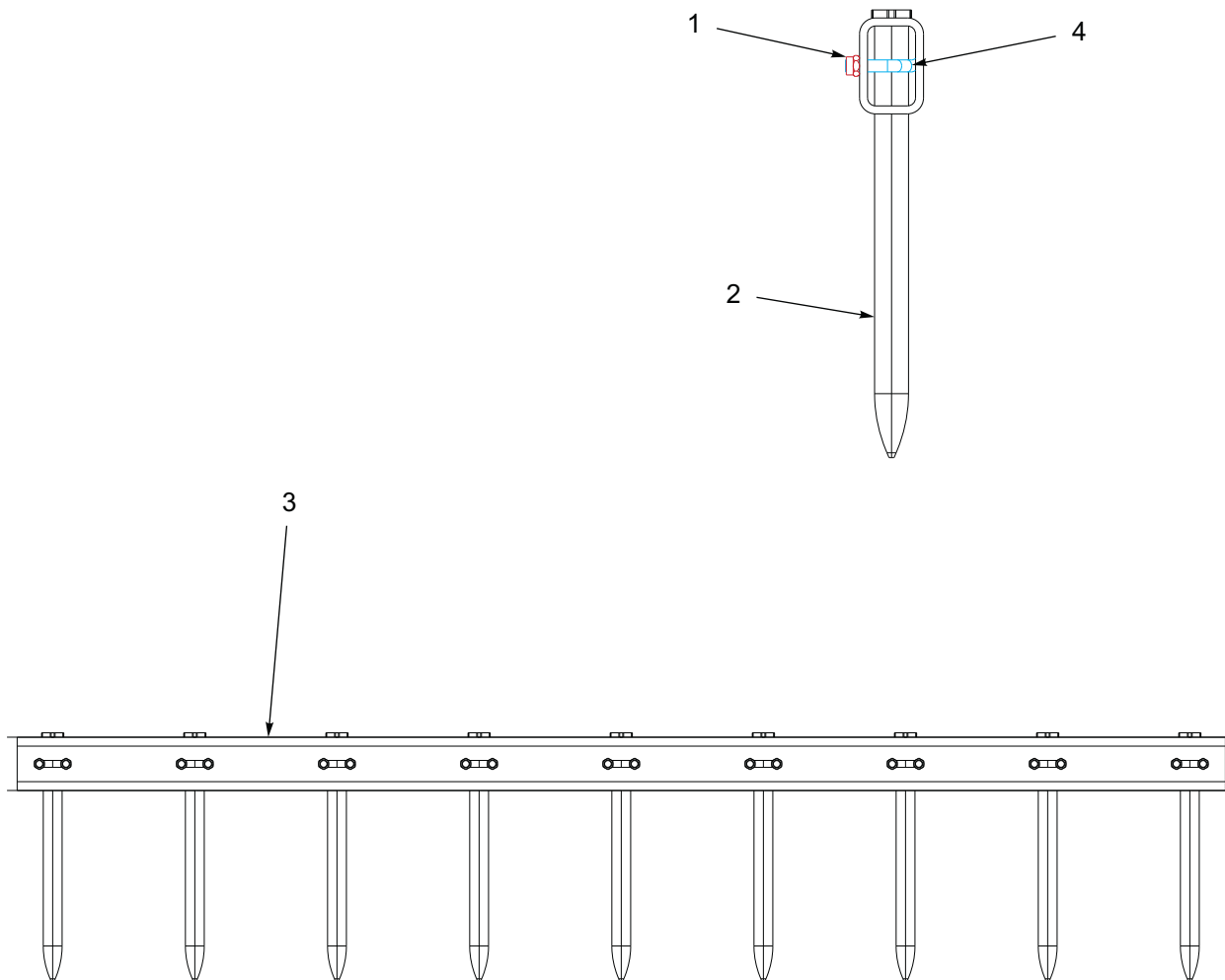


Figure 10-54: Spike Bar Assembly, 7-16 Tooth

Spike Bar Assembly, 7-16 Tooth, Tube

ITEM	PART NUMBER	DESCRIPTION	QTY.									
--	189414	SPIKE BAR ASSY 7 TOOTH	*									
--	189415	SPIKE BAR ASSY 8 TOOTH		*								
--	189416	SPIKE BAR ASSY 9 TOOTH			*							
--	189417	SPIKE BAR ASSY 10 TOOTH				*						
--	189419	SPIKE BAR ASSY 12 TOOTH					*					
--	189420	SPIKE BAR ASSY 13 TOOTH						*				
--	189421	SPIKE BAR ASSY 14 TOOTH							*			
--	189423	SPIKE BAR ASSY 16 TOOTH								*		
1	1-512-010005-05	NUT, HEX, SLFLKG, 3/8-16, UNC GRB	14	16	18	20	24	26	28	32		
2	166148	SPIKE, TOOTH, 3/4 SQ X 14	7	8	9	10	12	13	14	16		
3	189401	SPIKE BAR, 7 TOOTH 52	1	--	--	--	--	--	--	--		
3	189402	SPIKE BAR, 8 TOOTH 60	--	1	--	--	--	--	--	--		
3	189403	SPIKE BAR, 9 TOOTH 68	--	--	1	--	--	--	--	--		
3	189404	SPIKE BAR, 10 TOOTH 76	--	--	--	1	--	--	--	--		
3	189406	SPIKE BAR, 12 TOOTH 92	--	--	--	--	1	--	--	--		
3	189407	SPIKE BAR, 13 TOOTH 100	--	--	--	--	--	1	--	--		
3	189408	SPIKE BAR, 14 TOOTH 108	--	--	--	--	--	--	1	--		
3	189410	SPIKE BAR, 16 TOOTH 124	--	--	--	--	--	--	--	1		
4	8-102-010017	U-BOLT, SPIKE ANCHOR	7	8	9	10	12	13	14	16		

3RS & Double Conditioner Reel Layout 8530-25'

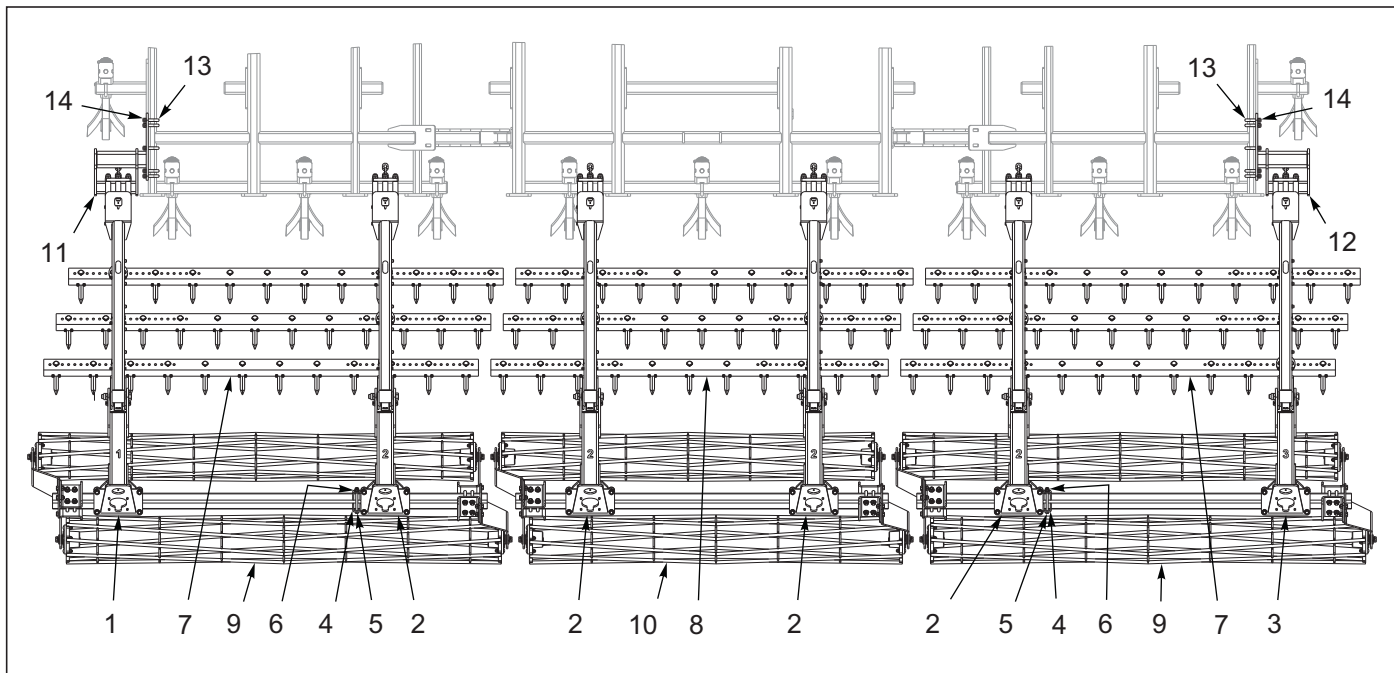


Figure 10-55: 3RS & Double Conditioner Reel Layout 8530-25'

3RS & Double Conditioner Reel Layout 8530-25'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	260149	3RS DBL COND REEL ASSY 25	
1	240727	ARM ASSY, 1 3RS & DBL REEL (SEE PAGE 10-77)	1
2	240728	ARM ASSY, 2 3RS & DBL REEL (SEE PAGE 10-77)	4
3	240729	ARM ASSY, 3 3RS & DBL REEL (SEE PAGE 10-77)	1
4	191487	CLAMP, TUBE 3X3	4
5	1-654-010055-16	SCREW HEX CAP 1/2-13X5-1/2GR5	4
6	172509	NUT, 1/2-13 WIDE FLNG TOP LCK F	4
7	240712	SPIKE BAR ASSY, 12T 11L 9SP (SEE PAGE 10-83)	6
8	240711	SPIKE BAR ASSY, 11T 11L 9SP (SEE PAGE 10-83)	3
9	247280	DBL COND REEL ASSY, 105/105 (SEE PAGE 10-79)	2
10	247279	DBL COND REEL ASSY, 90/90 (SEE PAGE 10-81)	1
11	187546	EXTENSION, HARROW MOUNT LT	1
12	187545	EXTENSION, HARROW MOUNT RT	1
13	2-102-010068	U-BOLT 5/8-11X6-11/16X3-1/2	10
14	1-512-010005-13	NUT, HEX SLFLKG GRB 5/8-11	20

3RS & Double Flat Reel Layout 8530-30'

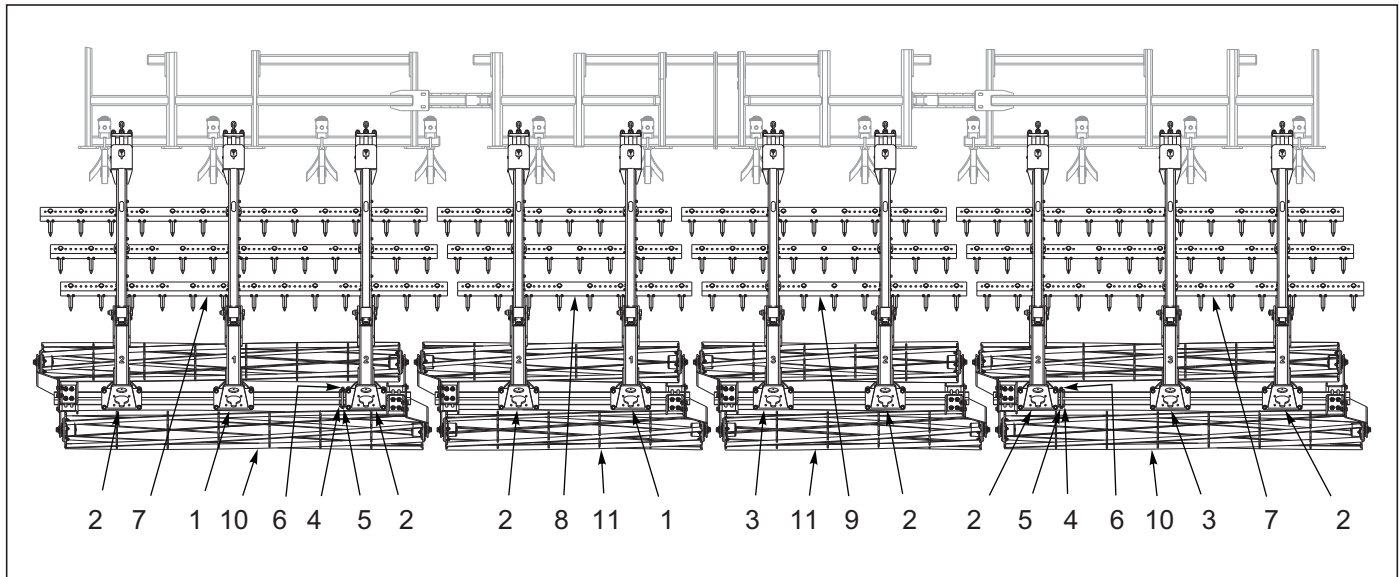


Figure 10-56: 3RS & Double Flat Reel Layout 8530-30'

3RS & Double Flat Reel Layout 8530-30'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	255757	3RS DBL FLAT REEL 8530-30	
1	240727	ARM ASSY, 1 3RS & DBL REEL (SEE PAGE 10-77)	2
2	240728	ARM ASSY, 2 3RS & DBL REEL (SEE PAGE 10-77)	6
3	240729	ARM ASSY, 3 3RS & DBL REEL (SEE PAGE 10-77)	2
4	191487	CLAMP, TUBE 3X3	4
5	1-654-010055-16	SCREW HEX CAP 1/2-13X5-1/2GR5	4
6	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
7	240713	SPIKE BAR ASSY, 13T 11L 9SP (SEE PAGE 10-83)	6
8	240708	SPIKE BAR ASSY, 8T 11L 9SP (SEE PAGE 10-83)	3
9	240709	SPIKE BAR ASSY, 9T 11L 9SP (SEE PAGE 10-83)	3
10	236684	DOUBLE FLAT REEL ASSY, 105/105 (SEE PAGE 10-81)	2
11	236682	DOUBLE FLAT REEL ASSY, 75/75 (SEE PAGE 10-81)	2

3RS & Double Conditioner Reel Layout 8530-33'

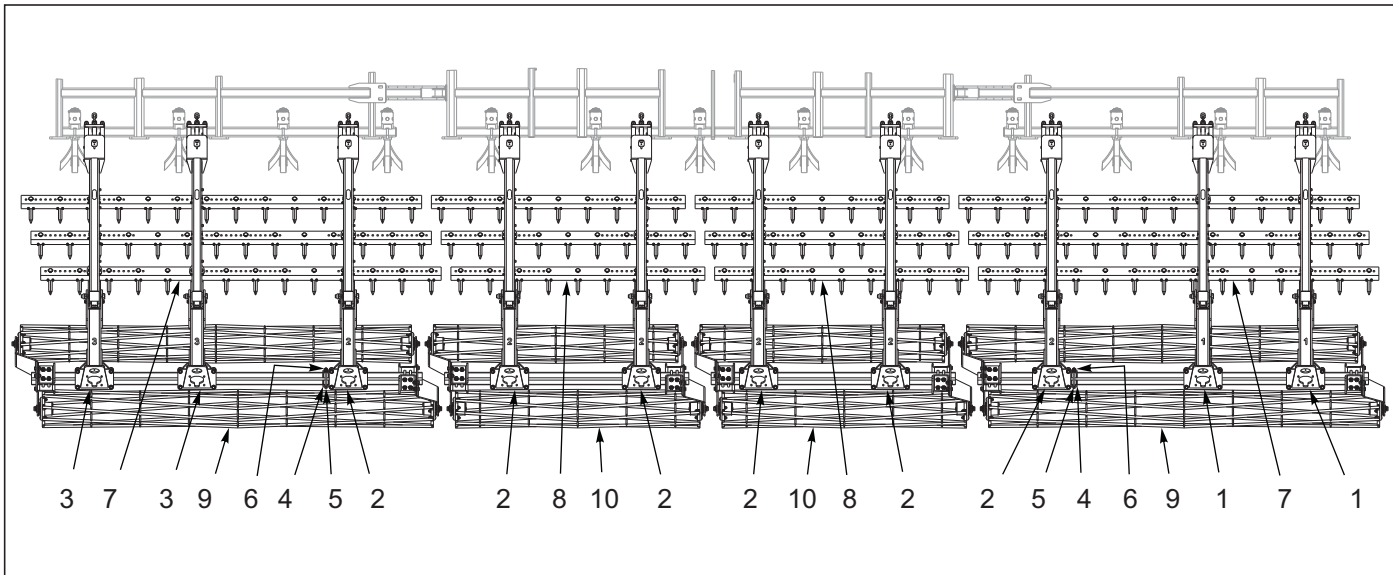


Figure 10-57: 3RS & Double Conditioner Reel Layout 8530-33'

3RS & Double Conditioner Reel Layout 8530-33'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	257310	3RS DBL COND REEL 8530-33	
1	240727	ARM ASSY, 1 3RS & DBL REEL (SEE PAGE 10-77)	2
2	240728	ARM ASSY, 2 3RS & DBL REEL (SEE PAGE 10-77)	6
3	240729	ARM ASSY, 3 3RS & DBL REEL (SEE PAGE 10-77)	2
4	191487	CLAMP, TUBE 3X3	4
5	1-654-010055-16	SCREW HEX CAP 1/2-13X5-1/2GR5	4
6	172509	NUT, 1/2-13 WIDE FLNG TOP LCK F	4
7	240714	SPIKE BAR ASSY, 14T 11L 9SP (SEE PAGE 10-83)	6
8	240709	SPIKE BAR ASSY, 9T 11L 9SP (SEE PAGE 10-83)	6
9	247281	DBL COND REEL ASSY, 120/120 (SEE PAGE 10-79)	2
10	247278	DBL COND REEL ASSY, 75/75 (SEE PAGE 10-79)	2

3RS & Double Flat Reel Layout 8530-33'

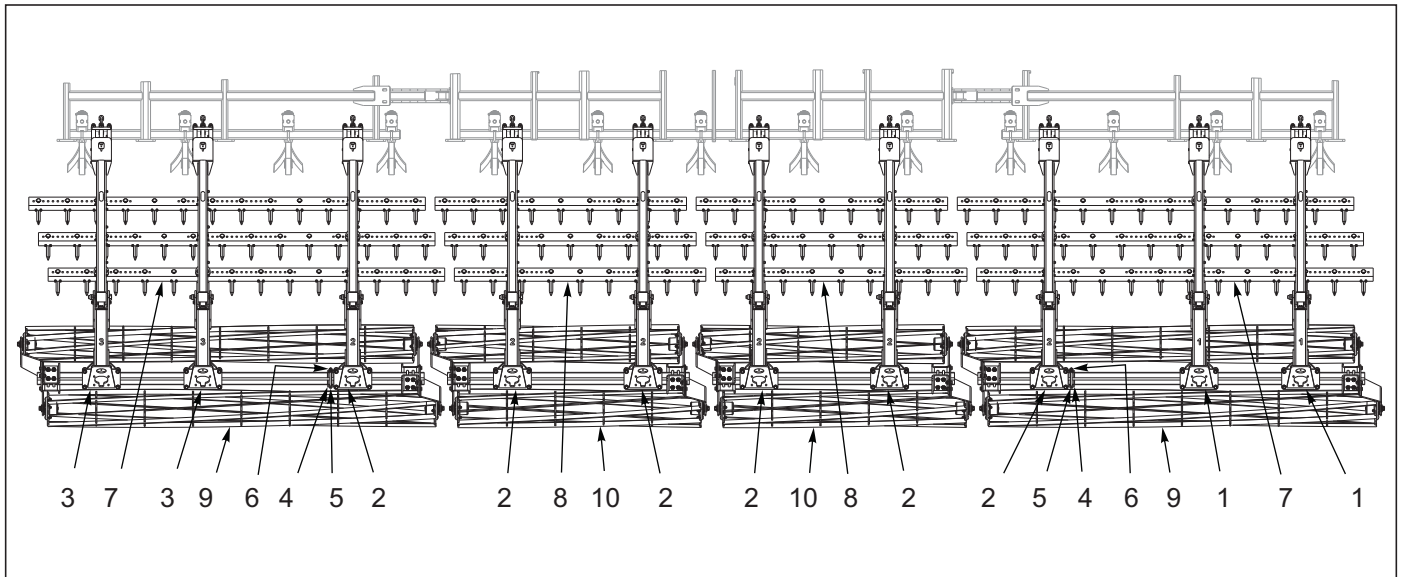


Figure 10-58: 3RS & Double Flat Reel Layout 8530-33'

3RS & Double Flat Reel Layout 8530-33'

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	252883	3RS DBL FLAT REEL 8530-33	
1	240727	ARM ASSY, 1 3RS & DBL REEL (SEE PAGE 10-77)	2
2	240728	ARM ASSY, 2 3RS & DBL REEL (SEE PAGE 10-77)	6
3	240729	ARM ASSY, 3 3RS & DBL REEL (SEE PAGE 10-77)	2
4	191487	CLAMP, TUBE 3X3	4
5	1-654-010055-16	SCREW HEX CAP 1/2-13X5-1/2GR5	4
6	172509	NUT, 1/2-13 WIDE FLNG TOP LCK F	4
7	240714	SPIKE BAR ASSY, 14T 11L 9SP (SEE PAGE 10-83)	6
8	240709	SPIKE BAR ASSY, 9T 11L 9SP (SEE PAGE 10-83)	6
9	236685	DOUBLE FLAT REEL ASSY, 120/120 (SEE PAGE 10-81)	2
10	236682	DOUBLE FLAT REEL ASSY, 75/75 (SEE PAGE 10-81)	2

Arm Assembly 3RS and Double Reel

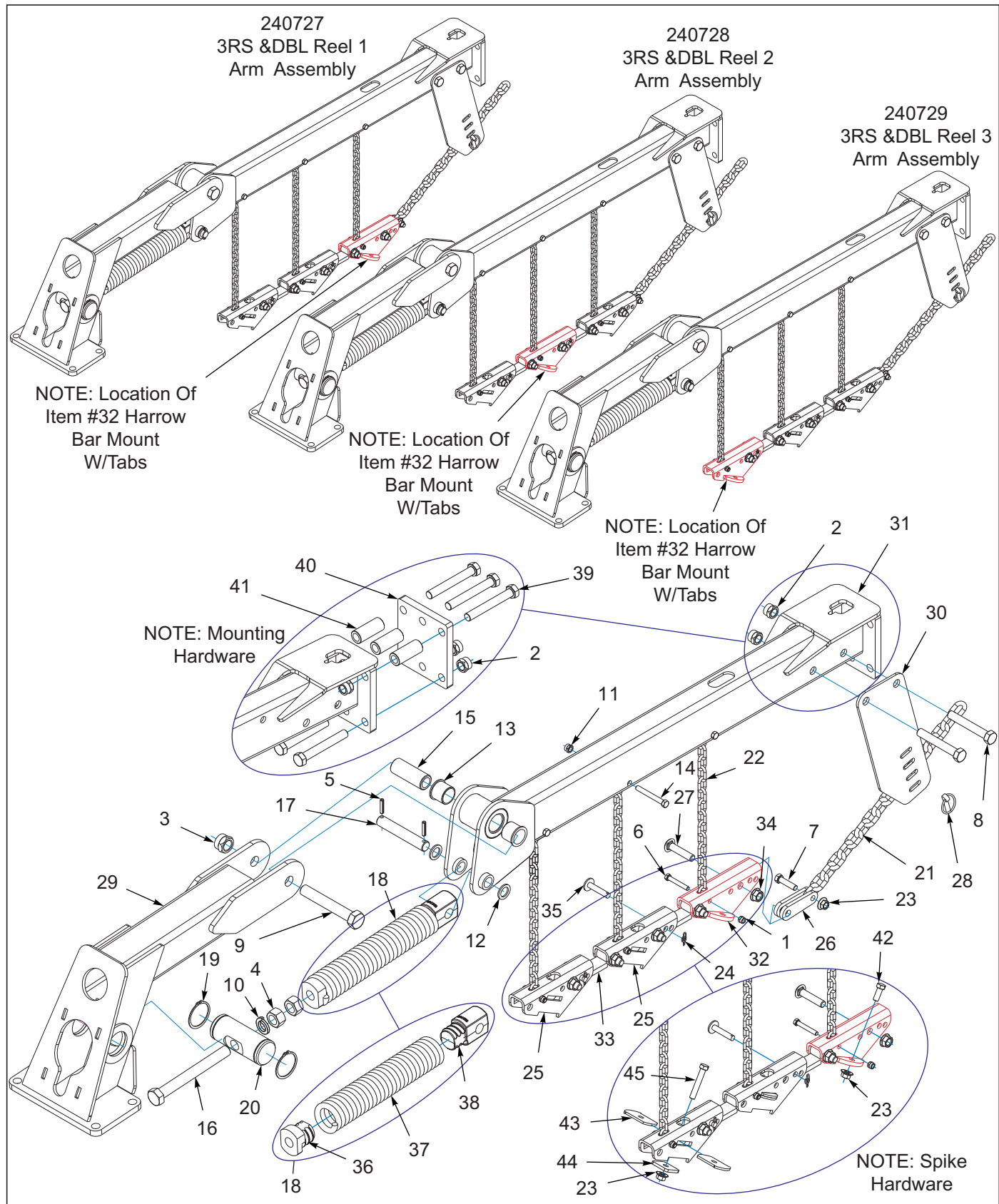


Figure 10-59: Arm Assembly 3RS and Double Reel

Arm Assembly 3RS and Double Reel

ITEM	PART NUMBER	DESCRIPTION	QTY.
--	240727	ARM ASSY, 1 3RS & DBL REEL	
--	240728	ARM ASSY, 2 3RS & DBL REEL	
--	240729	ARM ASSY, 3 3RS & DBL REEL	
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	3
2	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	8
3	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	1
4	1-512-010007-14	NUT, HEX 1-8 GR2 ZP	2
5	1-647-010004236	SPRING PIN,SLOTTED 5/16X1-1/2	2
6	1-654-010051-11	SCREW HX CP 3/8-16X2-1/2 G5ZP	3
7	1-654-010055-05	SCREW,HEX CAP,1/2-13UNCX2 GR5	1
8	1-654-010061-15	SCREW,HX CP 3/4-10UNCX5 GR5	2
9	1-654-010125-18	SCREW HEX CAP,1-8UNCX6-1/2GR8	1
10	1-861-010034-21	WASHER, LKG HEL SPRG 1IN	1
11	101988	NUT,HEXSLF-LKG 7/16-14 GRB	3
12	117957	MACHINERY BUSHING,ZINC PLATED	2
13	140599	BEARING, FLANGE 1-1/2"	2
14	141808	SCREW HX CP7/16-14UNCX3-1/2G5	3
15	152209	BUSHING, PIVOT 1-1/2	1
16	152210	BOLT, ADJ, 1 X 9	1
17	154392	PIN, PIVOT	1
18	158795	SPRING ASSY, 17" (INCLUDES ITEMS 36-38)	1
19	158896	SNAP RING, 2-1/2 SHAFT	2
20	158897	PIN, ADJUSTMENT	1
21	166242	CHAIN, PULL 3/8	1
22	168764	CHAIN 17 LINK 1/4	3
23	172509	NUT,1/2-13 WIDE FLNG TOP LCK F	4
24	172673	WRAP AROUND LOCKING COTTER	2
25	186204	MOUNT, HARROW BAR	2
26	186210	CONNECTOR, PULL CHAIN	2
27	187517	SCREW RDHD SHT SQNK5/8-11X3.00	5
28	2-557-010009	PIN LYNCH	1
29	235388	ARM, REEL WLDMT	1
30	240694	BRACKET, PULL CHAIN	1
31	240695	ARM, HARROW 3RS & REEL WLDMT	1
32	240698	MOUNT, HARROW BAR W/TABS 1.5	1
33	240703	LINK, HARROW BAR WLDMT 5-1/2"	2
34	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	5
35	8C520	CLEVIS PIN	2
36	154430	PLUG SPRING	1
37	154431	SPRING EXT	1
38	158794	PLUG, SPRING	1
39	139201	SCREW,HX CP 3/4-10UNCX5.50GR8	6
40	208187	MOUNTING PLATE, HARROW 6-BOLT	1
41	211056	BUSHING, CLAMP 3" L	3
42	1-654-010055-02	SCREW 1/2-13UNCX1-1/4 CP GR5	2
43	186205	PLATE, BAR CLAMP	4
44	186193	CLAMP PLATE, SPIKE BAR	2
45	1-654-010055-09	SCREW,HX CP,1/2-13UNCX3 GR5	2

Double Conditioner Reel Assembly

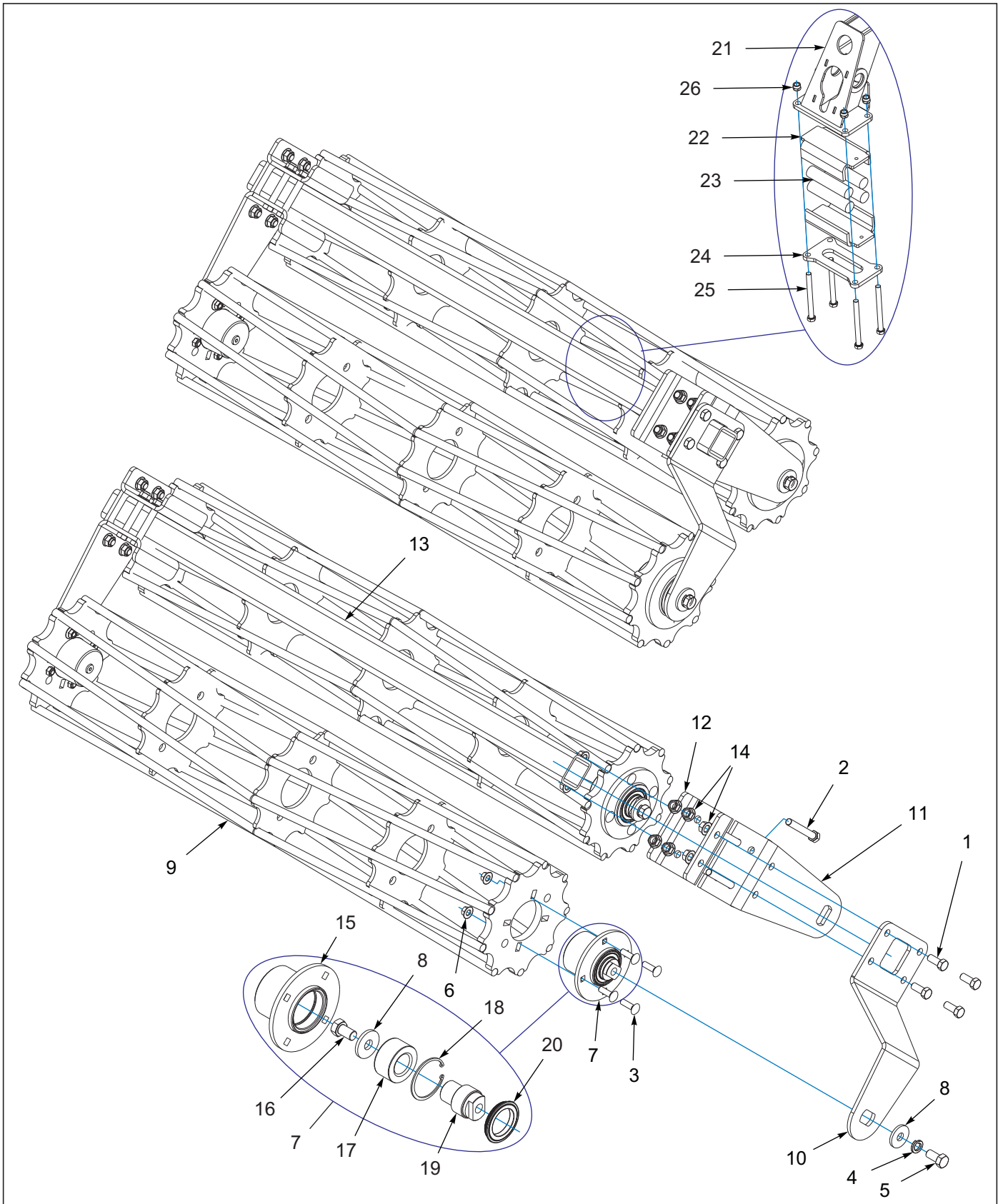


Figure 10-60: Double Conditioner Reel Assembly

Double Conditioner Reel Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.			
--	247278	DBL COND REEL ASSY, 75/75	*			
--	247279	DBL COND REEL ASSY, 90/90		*		
--	247280	DBL COND REEL ASSY, 105/105			*	
--	247281	DBL COND REEL ASSY, 120/120				*
1	1-654-010059-03	SCREW 5/8-11UNCX1-1/2 HXCP G5	8	8	8	8
2	1-654-010059-14	SCREW HX CP,5/8-11UNCX4-1/2G5	8	8	8	8
3	1-654-010070-04	SCREW RDHD SQNK 1/2-13X1-3/4	16	16	16	16
4	1-861-010034-17	WASHER,LKG,HLCL SPR,3/4	4	4	4	4
5	108705	SCREW,HEXCAP,3/4-10X1-1/2 GR8	4	4	4	4
6	172509	NUT,1/2-13 WIDE FLNG TOP LCK F	16	16	16	16
7	200222	HUB ASSY REEL	4	4	4	4
8	200259	WASHER, 3/4 HEAVY - 2-1/4	4	4	4	4
9	225124	REEL WLDMT, 12 DIA X 75" RD	2	--	--	--
9	225125	REEL WLDMT, 12 DIA X 90" RD	--	2	--	--
9	225126	REEL WLDMT, 12 DIA X 105" RD	--	--	2	--
9	225127	REEL WLDMT, 12 DIA X 120" RD	--	--	--	2
10	236644	BEARING MOUNT, OFFSET	2	2	2	2
11	236645	BEARING MOUNT, REEL	2	2	2	2
12	236660	CLAMP, REEL BEARING MOUNT	2	2	2	2
13	236662	GANG BAR, DOUBLE REEL 75	1	--	--	--
13	236663	GANG BAR, DOUBLE REEL 90	--	1	--	--
13	236664	GANG BAR, DOUBLE REEL 105	--	--	1	--
13	236665	GANG BAR, DOUBLE REEL 120	--	--	--	1
14	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	16	16	16	16
15	200221	HUB WLDMT REEL	2	2	2	2
15	246806	BRG HUB, CAST MACHINED (DIRECT REPLACEMENT FOR 200221)	2	2	2	2
16	129263	SCREW HEX CAP 3/4-10 X 1-1/4	2	2	2	2
17	174526	BEARING, DOUBLE TAPER RLLR	2	2	2	2
18	174532	INTERNAL SNAP RING	2	2	2	2
19	200218	SPINDLE REEL BEARING	2	2	2	2
20	185757	SEAL, MAINT FREE HUB HSL	2	2	2	2
21	-----	ARM ASSEMBLY (SEE PAGE 10-73 OR10-75)				
22	204511	TUBE, CLAMP	2	2	2	2
23	203525	SPRING-TORSION, RUBBER, 1-3/4	4	4	4	4
24	204510	PLATE GANGBAR MOUNT	1	1	1	1
25	107491	SCREW HX CP 3/4-10X8-1/2 GR8	4	4	4	4
26	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	4	4	4	4

Double Flat Reel Assembly

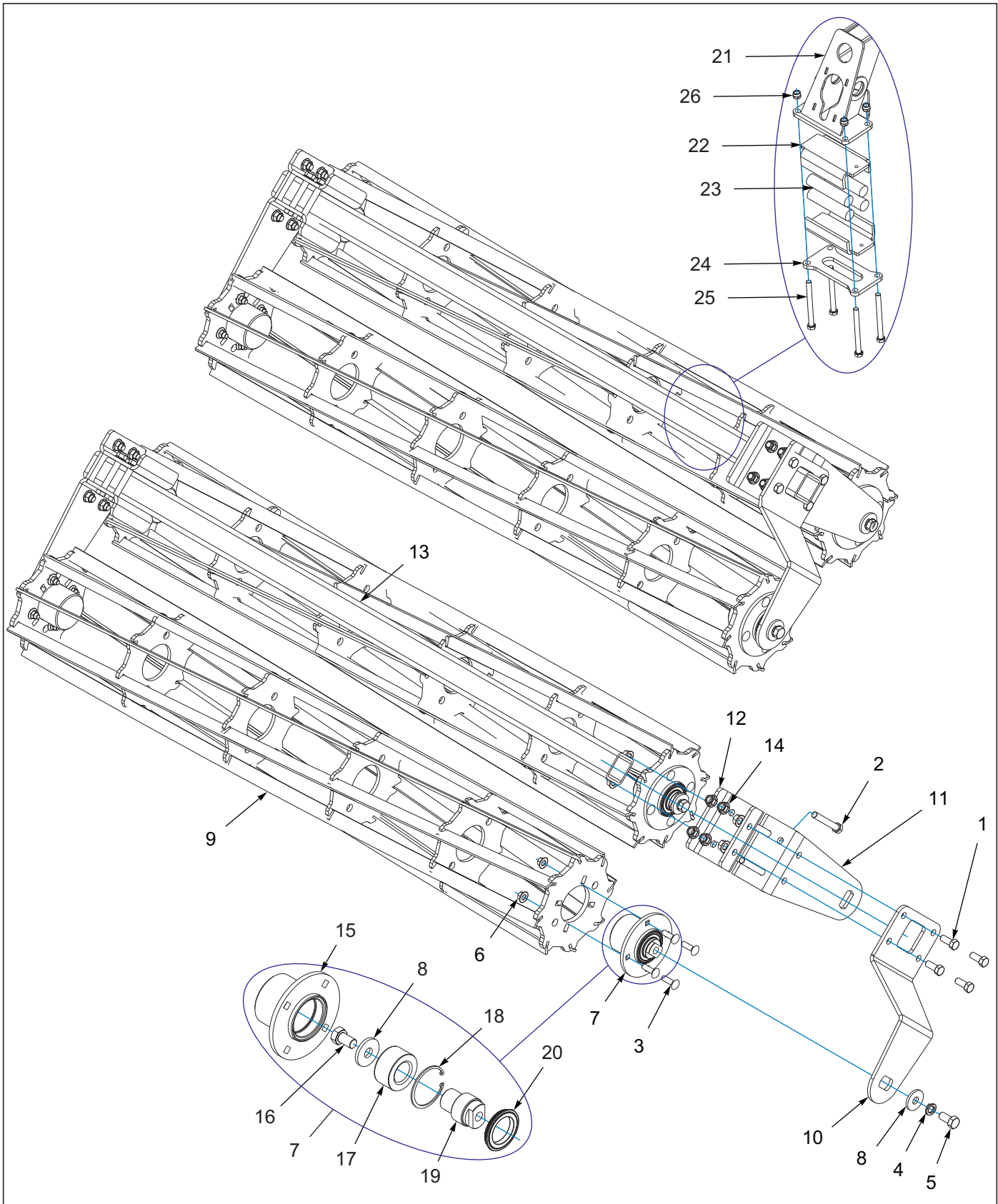


Figure 10-61: Double Flat Reel Assembly

Double Flat Reel Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY,		
--	236682	DOUBLE FLAT REEL ASSY, 75/75	*		
--	236684	DOUBLE FLAT REEL ASSY, 105/105	*		
--	236685	DOUBLE FLAT REEL ASSY, 120/120	*		
1	1-654-010059-03	SCREW 5/8-11UNCX1-1/2 HXCP G5	8	8	8
2	1-654-010059-14	SCREW HX CP,5/8-11UNCX4-1/2G5	8	8	8
3	1-654-010070-04	SCREW RDHD SQNK 1/2-13X1-3/4	16	16	16
4	1-861-010034-17	WASHER,LKG,HLCL SPR,3/4	4	4	4
5	108705	SCREW,HEXCAP,3/4-10X1-1/2 GR8	4	4	4
6	172509	NUT,1/2-13 WIDE FLNG TOP LCK F	16	16	16
7	200222	HUB ASSY REEL	4	4	4
8	200259	WASHER, 3/4 HEAVY - 2-1/4	4	4	4
9	200297	REEL, 12" DIA X 75" FLAT WLDMT	2	--	2
9	200299	REEL,12" DIA X 105" FLAT WLDMT	--	2	--
9	209641	REEL, 12 DIA X 120" FLAT WLDMT	--	--	2
10	236644	BEARING MOUNT, OFFSET	2	2	2
11	236645	BEARING MOUNT, REEL	2	2	2
12	236660	CLAMP, REEL BEARING MOUNT	2	2	2
13	236662	GANG BAR, DOUBLE REEL 75	1	--	1
13	236664	GANG BAR, DOUBLE REEL 105	--	1	--
13	236665	GANG BAR, DOUBLE REEL 120	--	--	1
14	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	16	16	16
15	200221	HUB WLDMT REEL	2	2	2
15	246806	BRG HUB, CAST MACHINED (NOTE: DIRECT REPLACEMENT FOR 200221)	2	2	2
16	129263	SCREW HEX CAP 3/4-10 X 1-1/4	2	2	2
17	174526	BEARING, DOUBLE TAPER RLLR	2	2	2
18	174532	INTERNAL SNAP RING	2	2	2
19	200218	SPINDLE REEL BEARING	2	2	2
20	185757	SEAL, MAINT FREE HUB HSL	2	2	2
21	-----	ARM ASSEMBLY (SEE PAGE 10-74 OR 10-76)			
22	204511	TUBE, CLAMP	2	2	2
23	203525	SPRING-TORSION, RUBBER, 1-3/4	4	4	4
24	204510	PLATE GANGBAR MOUNT	1	1	1
25	107491	SCREW HX CP 3/4-10X8-1/2 GR8	4	4	4
26	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	4	4	4

Spike Bar Assembly, 11L 9 SP

NOTE: 1.50" Hole Spacing,
5 Round Holes Between Square Holes,
11" Long Teeth

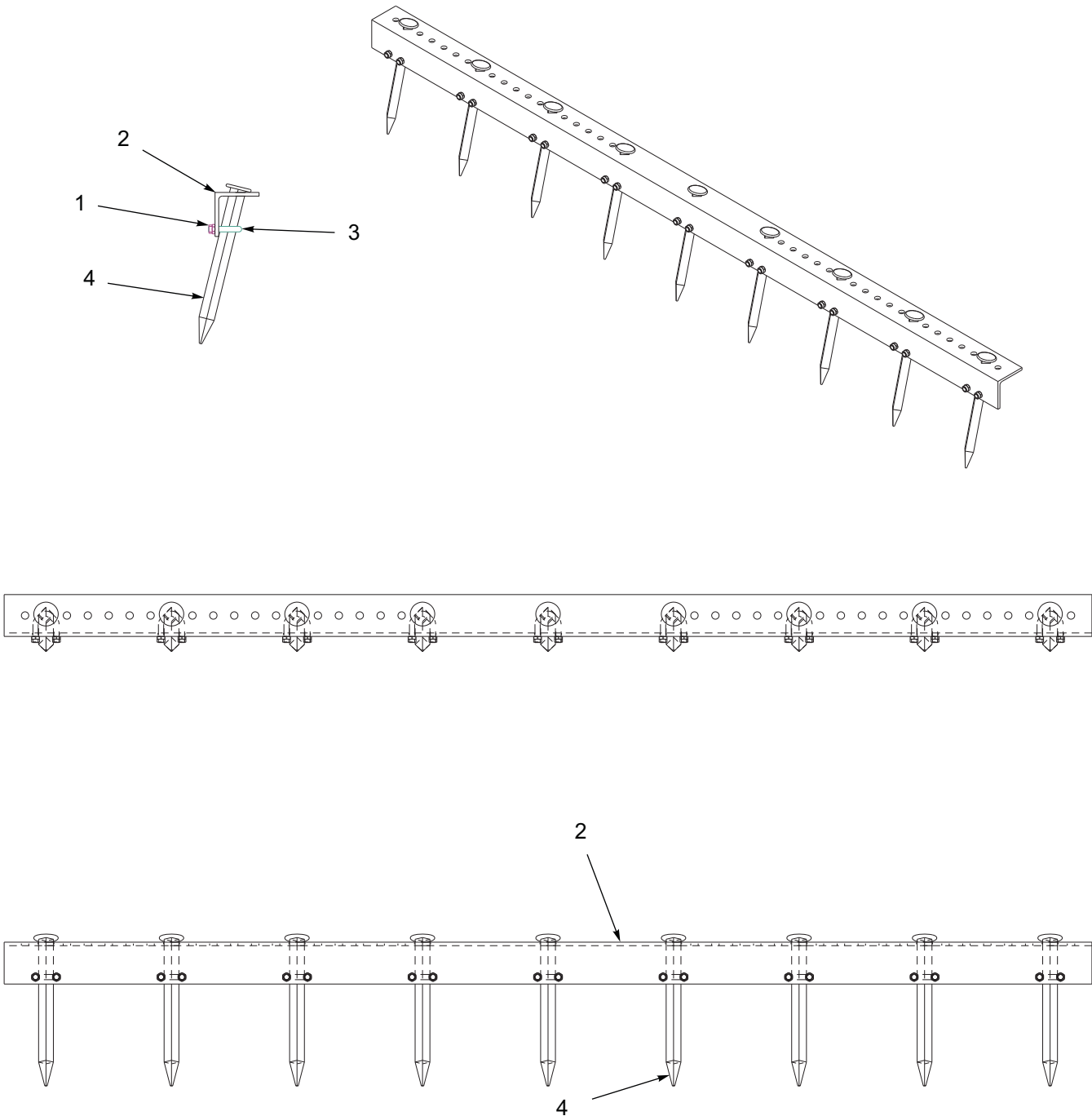


Figure 10-62: Spike Bar Assembly, 11L 9 SP

Spike Bar Assembly, 11L 9 SP

ITEM	PART NUMBER	DESCRIPTION	QTY.							
--	240708	SPIKE BAR ASSY, 8T 11L 9SP	*							
--	240709	SPIKE BAR ASSY, 9T 11L 9SP		*						
--	240710	SPIKE BAR ASSY, 10T 11L 9SP			*					
--	240711	SPIKE BAR ASSY, 11T 11L 9SP				*				
--	240712	SPIKE BAR ASSY, 12T 11L 9SP					*			
--	240713	SPIKE BAR ASSY, 13T 11L 9SP						*		
--	240714	SPIKE BAR ASSY, 14T 11L 9SP							*	
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	16	18	20	22	24	26	28	
2	240748	SPIKE BAR, 8T 69 9SP 1.5	1	--	--	--	--	--	--	
2	240749	SPIKE BAR, 9T 78 9SP 1.5	--	1	--	--	--	--	--	
2	240750	SPIKE BAR, 10T 87 9SP 1.5	--	--	1	--	--	--	--	
2	240751	SPIKE BAR, 11T 96 9SP 1.5	--	--	--	1	--	--	--	
2	240752	SPIKE BAR, 12T 102 9SP 1.5	--	--	--	--	1	--	--	
2	240753	SPIKE BAR, 13T 114 9SP 1.5	--	--	--	--	--	1	--	
2	240754	SPIKE BAR, 14T 123 9SP 1.5	--	--	--	--	--	--	1	
3	8-102-010017	U-BOLT HARROW SPIKE	8	9	10	11	12	13	14	
4	8-370-010001	TEETH,HARROW 3/4 SQ 11H	8	9	10	11	12	13	14	

Glossary

For clarity this glossary of industry standard abbreviations and their definitions are provided. For additional information, see instruction on the inside front cover or the last page of this manual.

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
NSS 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

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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

SERIAL NUMBER PLATE

The Serial Number Plate, which lists the model number and serial number, is located on the front of the frame

See Figure 13-1

SERIAL NUMBER NOMENCLATURE

The following information will help decode the 8530 Finisholl serial number

85H230000 = xxmyysssss

The 8500 series QR code decal, may be scanned to link you to the most current manuals, located on the front of the frame *See Figure 13-1*

xx	= model series (i.e. 85 for Finisholl)
m	= month of manufacture (ex. "H" means October. The letter I is not used.)
yy	= year manufactured (ex. "23" means 2023)
SSSSS	= Sequential number used to track warranty and service information.

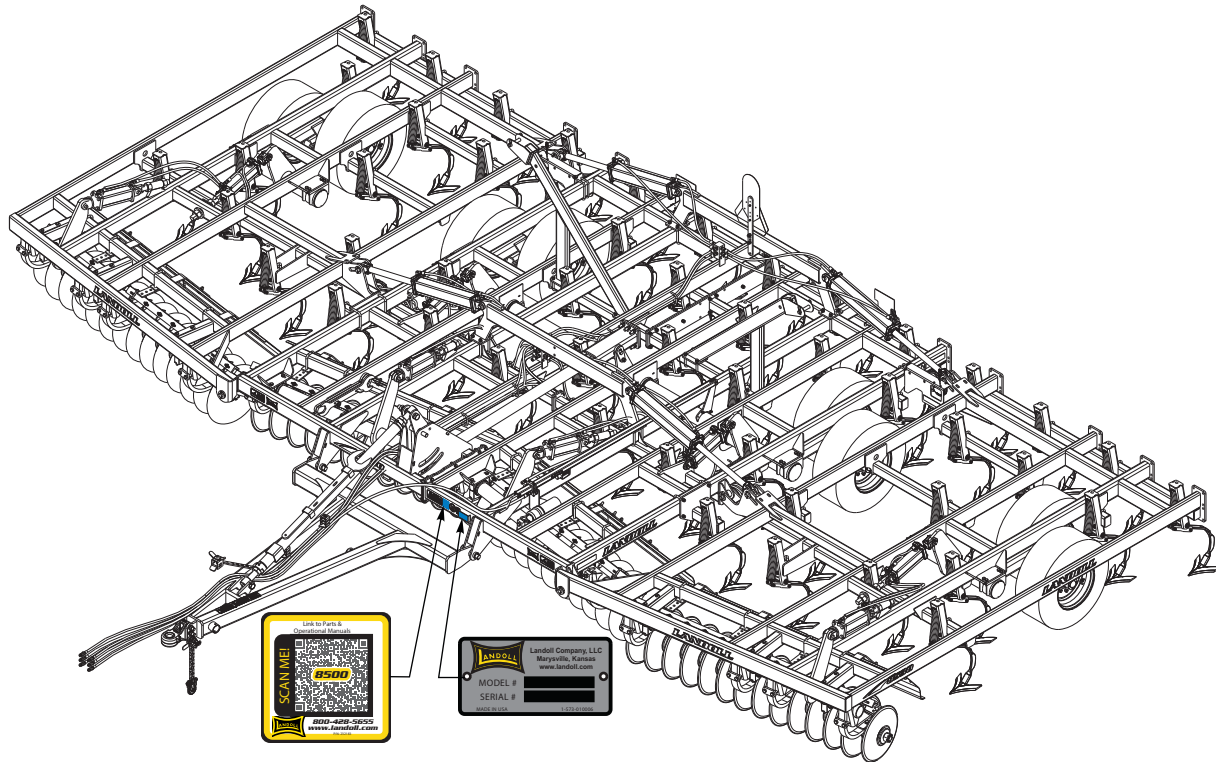


Figure 13-1: Serial Number Plate and QR Code Decal Location

Manuals for 8530 Finisholl

Manual Number	Manual Type
F-756	Operator's Manual
F-755	Parts Manual

Document Control Revision Log:

Date	Form #	Improvement(s): Description and Comments
04/28/2015	F-755	Initial Release
11/18/2018	F-755-1118	Walking beam and cylinder updates
12/11/2018	F-755-1218	Cylinder updates for E-Commerce
03/18/2021	F-755-0321	Attachment and 8-bolt hub/spindle updates
05/13/2022	F-755-0321	Added QR code, updated decals, updated manual tube holder in frame drawings
05/03/2023	F-755-0321	Added transport lockout and I-pin to all three center frame pages
10/31/2023	F-755-2310	Updated to new FrameMaker format, added pinch point decals, deleted chopper reel and 3 row spike attachment
07/15/2026	F-755-2607	Added 3RS & DBL reel attachment per CIR2442



intertek

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

Model 8530 Finisholl Parts Manual Re-Order Part Number F-755

LANDOLL COMPANY, LLC

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



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