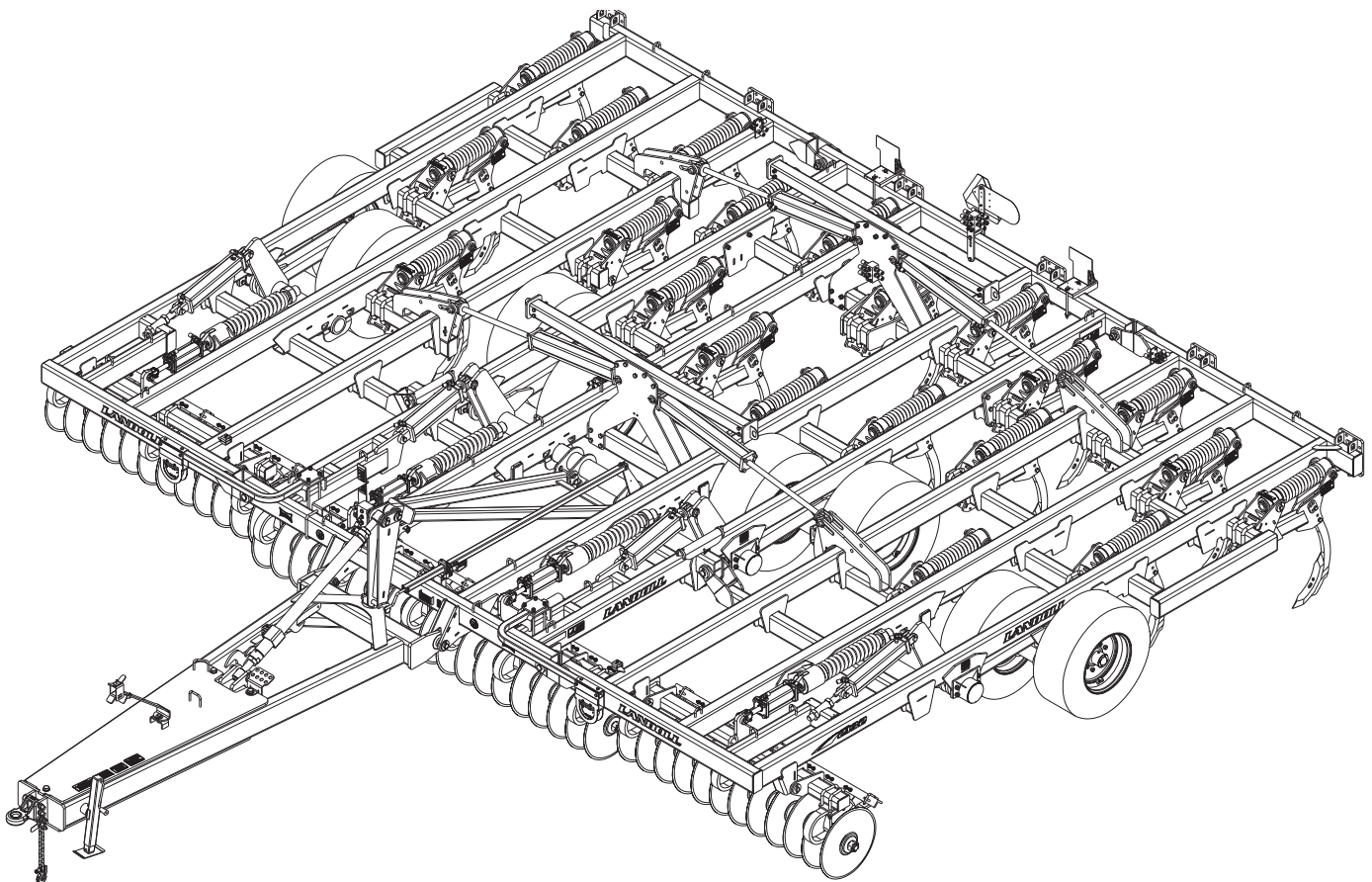




Model 2132 Coulter Chisel Parts Manual



LANDOLL COMPANY, LLC

1900 North Street

Marysville, Kansas 66508

(785) 562-5381

800-428-5655 ~ **WWW.LANDOLL.COM**

Manuals for the 2132 CC	
MANUAL NUMBER	MANUAL NAME
F-1099	2132 CC Operator's Manual
F-1100	2132 CC Parts Manual

Table of Contents

1 Illustrated Parts List

Instructions For Ordering Parts	1-1
Center Frame Assemblies	1-2
Center Frame Assembly	1-3
Center Frame Lift Assembly	1-5
Depth Stop Assembly	1-6
Hitch Assemblies	1-8
Hitch Assembly	1-9
Hitch Leveling Assembly	1-11
Ball & Clevis Hitches	1-12
7,000 Lb. Sidewind Jack Assembly	1-13
Radius Rod Assembly	1-14
Wing Frame Assemblies	1-16
Wing Frame Assembly	1-17
Hub & Spindles	1-20
Hub and Spindle Assembly - 170704	1-21
Hub and Spindle Assembly - 223440	1-23
Shank Assemblies	1-24
Auto Reset Clamp Assembly Before 12-01-2023	1-25
Auto Reset Clamp Assembly After 12-01-2023	1-27
Rigid Shear Bolt Clamp Assembly	1-29
Coulter Gang Assemblies	1-30
Coulter Gang Assembly	1-31
Coulter Gang To Frame Assembly	1-35
Coulter Gang Placement	1-37
Lift Hydraulic Assemblies	1-38
Lift Hydraulic Assembly 2132-17-19 Before 01-01-2024 & 2132-21-23-25 Before 10-03-2023	1-39
Lift Hydraulic Assembly 2132-17-19 After 01-01-2024 & 2132-21-23-25 After 10-03-2023	1-41
Fold Assemblies	1-42
Fold Assembly 2132-17-19	1-43
Fold Hydraulic Assembly 2132-21-23-25	1-45
Hydraulic Coulter Gang Assemblies	1-46
Hydraulic Coulter Gang Assembly	1-47
Manifold Assemblies	1-48
Manifold Assemblies	1-49
Cylinder Assemblies	1-50
Cylinder - Rephase Assembly - 4-1/2 X 16	1-50
Cylinder - Rephase Assembly - 4 X 16	1-51
Hydraulic Cylinder 4 X 30 (Prince)	1-52
Hydraulic Cylinder 4 X 30 (Midway)	1-53
Cylinder - Rephase Assembly 4 X 8 (Prince)	1-54
Cylinder - Rephase Assembly 4 X 8 (Midway)	1-55
Cylinder - Rephase Assembly 3-3/4 X 8 (Prince)	1-56

Cylinder - Rephase Assembly 3-3/4 X 8 (Midway)	1-57
Cylinder - Rephase Assembly 3-1/2 X 8 (Prince)	1-58
Cylinder - Rephase Assembly 3-1/2 X 8 (Midway)	1-59
Cylinder - Rephase Assembly 3-1/4 X 8 (Prince)	1-60
Cylinder - Rephase Assembly 3-1/4 X 8 (Midway)	1-61
Cylinder - 2-1/2" X 3-1/2"	1-62
Electrical	1-63
Electrical Assembly W/ LED Lights	1-65
Decals	1-67
Decal Locations & Arrangements	1-69
Standard 3BCT/Chopper Assemblies	1-70
Std 3BCT/Chopper Layout	1-72
Std Combo Harrow Arm Long Assembly	1-75
Std Combo Harrow Arm Short Assembly	1-77
Hydraulic 3BCT/Chopper Assemblies	1-78
Hyd 3BCT/Chopper Layout	1-80
Hyd Combo Harrow Arm Long Assembly	1-83
Hyd Combo Harrow Arm Short Assembly	1-87
Tine Harrow Assembly	1-89
3BCT/Chopper Hydraulic Assembly	1-91
Standard Chopper Reel Assemblies	1-92
Std Chopper Reel Layout	1-94
Std Chopper Arm Long Assembly	1-97
Std Chopper Arm Short Assembly	1-99
Hydraulic Chopper Reel Assemblies	1-100
Hyd Chopper Reel Layout	1-102
Hyd Chopper Arm Long Assembly	1-105
Hyd Chopper Arm Short Assembly	1-107
Reel/Gangbar Assembly	1-109
Reel Blade Assembly	1-110
Chopper Reel Hydraulic Assembly	1-113
68Hyd Disc Lev/Reel Assembly	1-114
Hyd Disc Lev/Reel Layout	1-116
Live Hyd Arm Assembly	1-119
Live Hyd Arm LG Assembly	1-123
Live Hyd Arm No Hyd Assembly	1-127
Wavy Disc Mount Center Assembly	1-131
Cover Disc Mount Short Assembly	1-133
Cover Disc Mount Long Assembly	1-135
Flat Reel/Gangbar Assembly	1-137
Disc Lev/Reel Hydraulic Assembly	1-140
Rear Tow Hitch	1-142
Rear Tow Hitch Assembly (1 of 2)	1-143
Rear Tow Hitch Assembly (2 of 2)	1-145

2 Index

Illustrated Parts List

Instructions For Ordering Parts

ORDER PARTS FROM LANDOLL PARTS DISTRIBUTION CENTER

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

PHONE NO: 1-800-423-4320 OR 1-785-562-5381

FAX NO: 888-527-3909

ORDER ONLINE: Dealer.landoll.com

IDENTIFICATION PLATE

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

See Figure 1-1.

SERIAL NUMBER NOMENCLATURE

The serial number for the 2132 CC is located on the identification plate.

QR CODE DECAL

The 2100 series QR code decal, may be scanned to link you to the most current manuals, is located on the front of the frame *See Figure 1-1.*

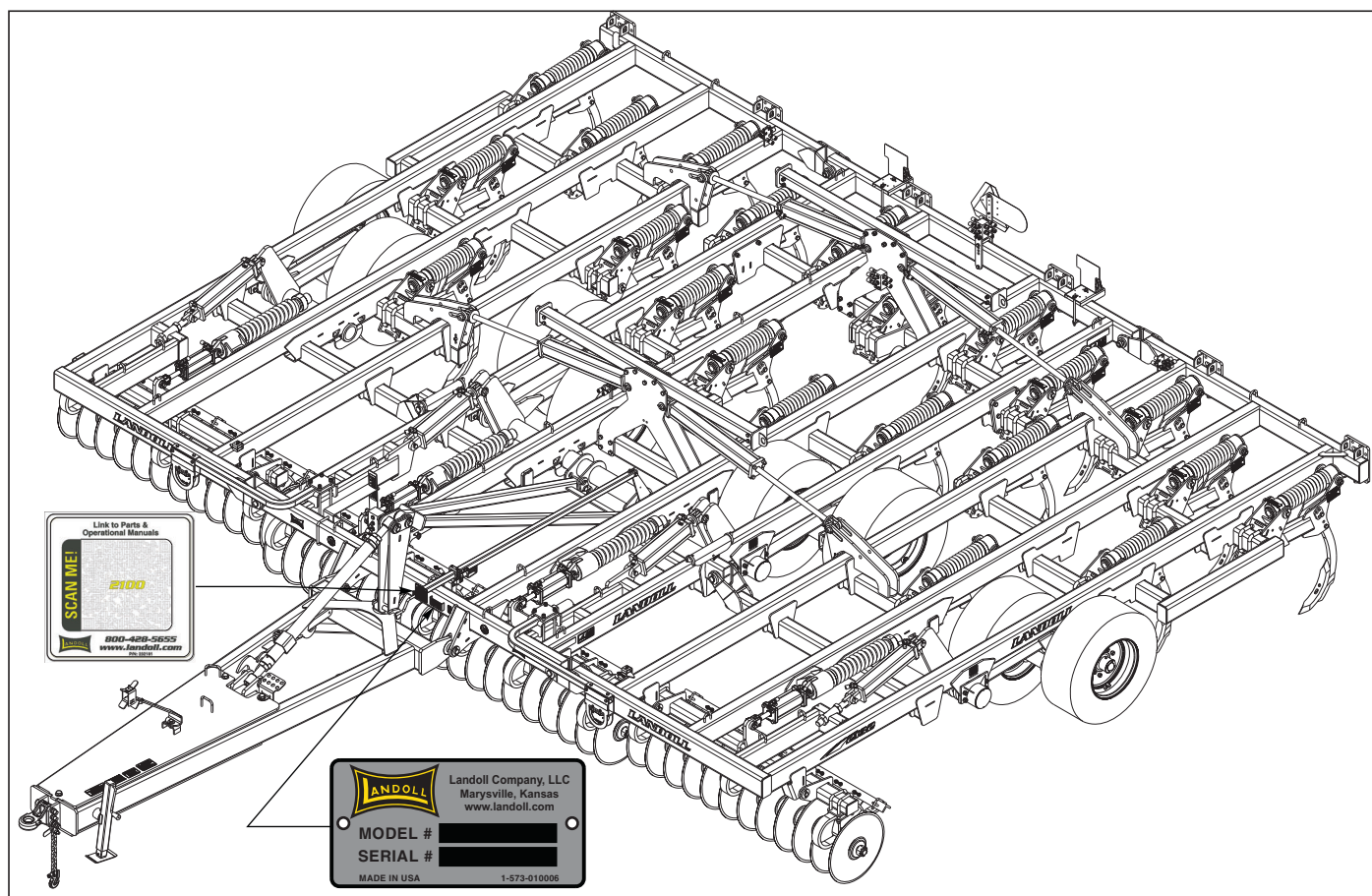


Figure 1-1: Identification Plate and QR Decal

Center Frame Assemblies

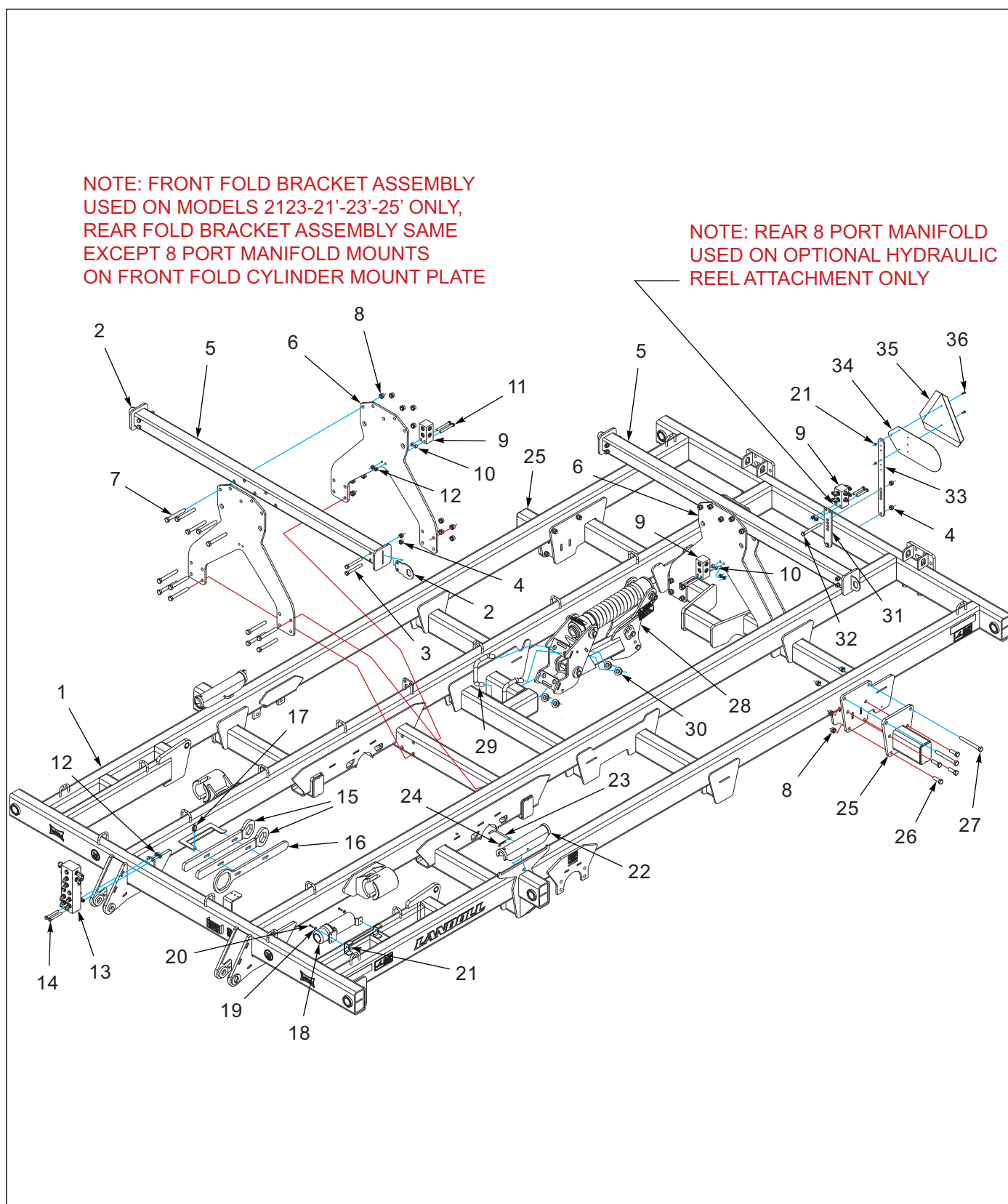


Figure 1-2: Center Frame Assembly

Center Frame Assembly

ITEM	PART NO.	DESCRIPTION	QTY.	
--	----	CENTER FRAME 2132-17-19	*	
--	----	CENTER FRAME 2132-21-23-25	*	
1	227464	FRAME, CENTER-2132 WLDMT	1	1
2	206639	PLATE, FOLD PIN	2	4
3	1-654-010059-15	SCREW,HEX CAP,5/8-11UNCX5 GR5	4	8
4	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	6	10
5	227498	WING STABILIZER WLDMT	1	2
6	227500	PLATE, FOLD CYL MOUNT	2	4
7	W908409-4	SCREW 3/4-10X6 HEX HD CAP	13	26
8	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	25	38
9	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	2	3
10	155956	BUSHING ANGLE ADJUSTMENT (1/2" LONG)	4	6
11	1-654-010055-14	SCREW,HX CP,1/2-13UNCX4-1/2G5	4	6
12	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	6	8
13	229877	MANIFOLD, FRONT 2132 ASSY	1	1
14	1-654-010055-13	SCREW,HEX CAP,1/2-13UNCX4 GR5	2	2
15	140533	GANG WRENCH	2	2
16	147070	WRENCH, 2100 COULTER GANG	1	1
17	70239854	PIN QUICK HITCH	1	1
18	142753	MANUAL HOLDER	1	1
19	1-861-010032-07	WASHER,FLAT 1/4 ZP	2	2
20	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2	2
21	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	4	4
22	147134	LOCKOUT, 2" ROD X 16	2	2
23	104358	L PIN,CYL STOP	2	2
24	1-557-010403	HAIRPIN 1/8	2	2
25	222574	EXTENSION,1SHANK W/PLATE WLDMT	2	2
26	100941	SCREW,HEXCAP,3/4-10X2-1/4G8ZP	8	8
27	102209	SCREW HXCP 3/4-10X7 GR8	4	4
28	174740	ASSY, CLAMP W/MOUNT RT (SEE PAGE 1-25) (BEFORE 12-01-2023)		
28	241995	ASSY, CLAMP W/ MOUNT-RT (SEE PAGE 1-27) (AFTER 12-01-2023)		
28	174786	ASSY, CLAMP W/ MOUNT LT (SEE PAGE 1-25) (BEFORE 12-01-2023)		
29	174749	U-BOLT, 1" SHANK CLAMP	2	2
30	174732	NUT, FLG HD, TOPLOCK, 1-8 UNC	4	4
31	222503	BRACKET, MANIFOLD MOUNT	1	1
32	1-654-010059-17	SCREW,HX CP,5/8-11UNCX6 GR5	2	2
33	164142	BRACKET, SMV MOUNTING	1	1
34	224590	MOUNT, SIS DECAL	1	1
35	70260977	SMV EMBLEM	1	1
36	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2	2

ILLUSTRATED PARTS LIST

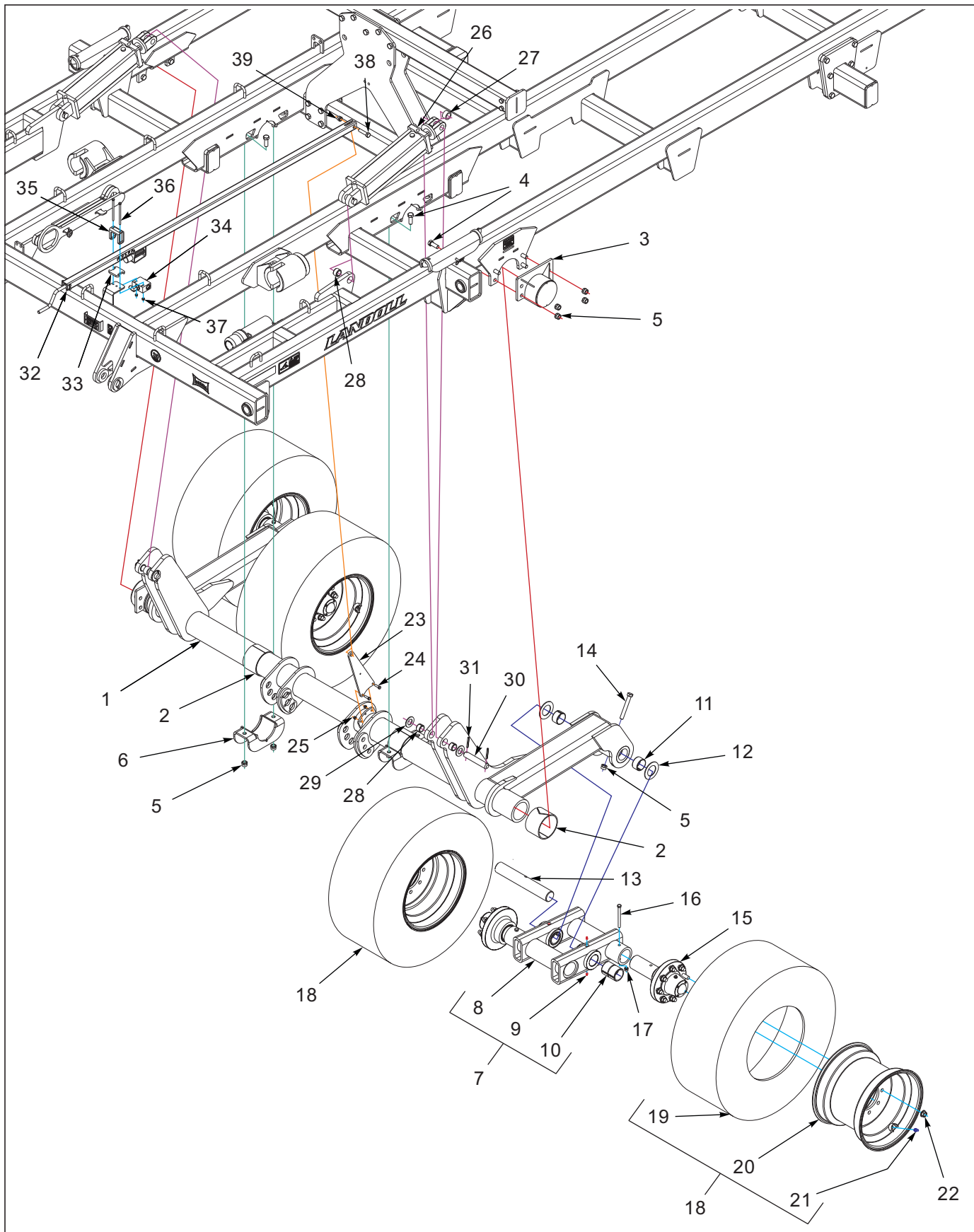


Figure 1-3: Center Frame Lift Assembly

Center Frame Lift Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	227450	LIFT, 2132-17-25 WLDMT	1
2	140519	BEARING, UHMW 4IN	4
3	141209	BEARING CAP, LIFT WLDMT	2
4	1-654-010061-05	SCREW,HHC,3/4-10UNCX2,GR5,ZP	12
5	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	14
6	141234	WLDMT, BEARING CAP LIFT	2
7	228280	WALKING BEAM ASSY-3-1/4"	2
8	228281	WALKING TANDEM3-1/4SPINDLE WLD	2
9	171024	FITTING, GREASE 5/16-24 STR	8
10	165286	BUSHING SPRING 3X2-1/2X4	4
11	198351	CONNEX, 2-3/4 X 2-1/2 X 1-1/2L	4
12	164563	WASHER, THRUST 2-1/2	4
13	164501	SPINDLE, WALKING BEAM	2
14	1-654-010061-16	SCREW 3/4-10UNCX5-1/2 HXCP G5	2
15	170704	HUB & SPDL ASSY 3.25", 8 BOLT (SEE PAGE 1-21)	4
16	1-654-010055-16	SCREW HEX CAP 1/2-13X5-1/2GR5	4
17	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	4
18	228258	BKT TIRE&WHL ASSY, 400/60R18 (INCLUDES ITEMS 19, 20, 21)	4
19	228259	BKT TIRE 400/60R18	4
20	169749	WHEEL, 18X14, 8 BOLT	4
21	TR575	VALVE STEM TUBELESS TIRE	4
22	171773	NUT, HEX FLANGE 3/4-16 GR5 ZP	32
23	169727	PLATE, DEPTH STOP TALL	1
24	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	2
25	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	2
26	146824	CYLINDER, 4-1/2 X16, REPHASE (SEE PAGE 1-50)	2
27	190987	SPACER, 1-1/4 X 1 LONG	2
28	2-150-010174	BUSHING,1-5/8X1-1/4X1	6
29	116100	WASHER 1-1/4 NAR FL ZP/CD	4
30	170291	PIN, 1-1/4 X 7	2
31	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	4
32	229851	ASSY, DEPTH STOP 90 L (SEE PAGE 1-6)	1
33	165257	PAD, SLIDE	1
34	203467	VALVE-LIMIT, STROKE (BEFORE JANUARY 2022)	1
34	239435	VALVE, LIMIT .156 REST (AFTER JANUARY 2022)	1
35	165265	GUIDE, DEPTH STOP	1
36	171556	SCREW,HEX CP,5/16-18UNCX5-1/2	2
37	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
38	1-654-010059-07	SCREW HX CP 5/8-11UNCX2-1/2G5	1
39	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	1

ILLUSTRATED PARTS LIST

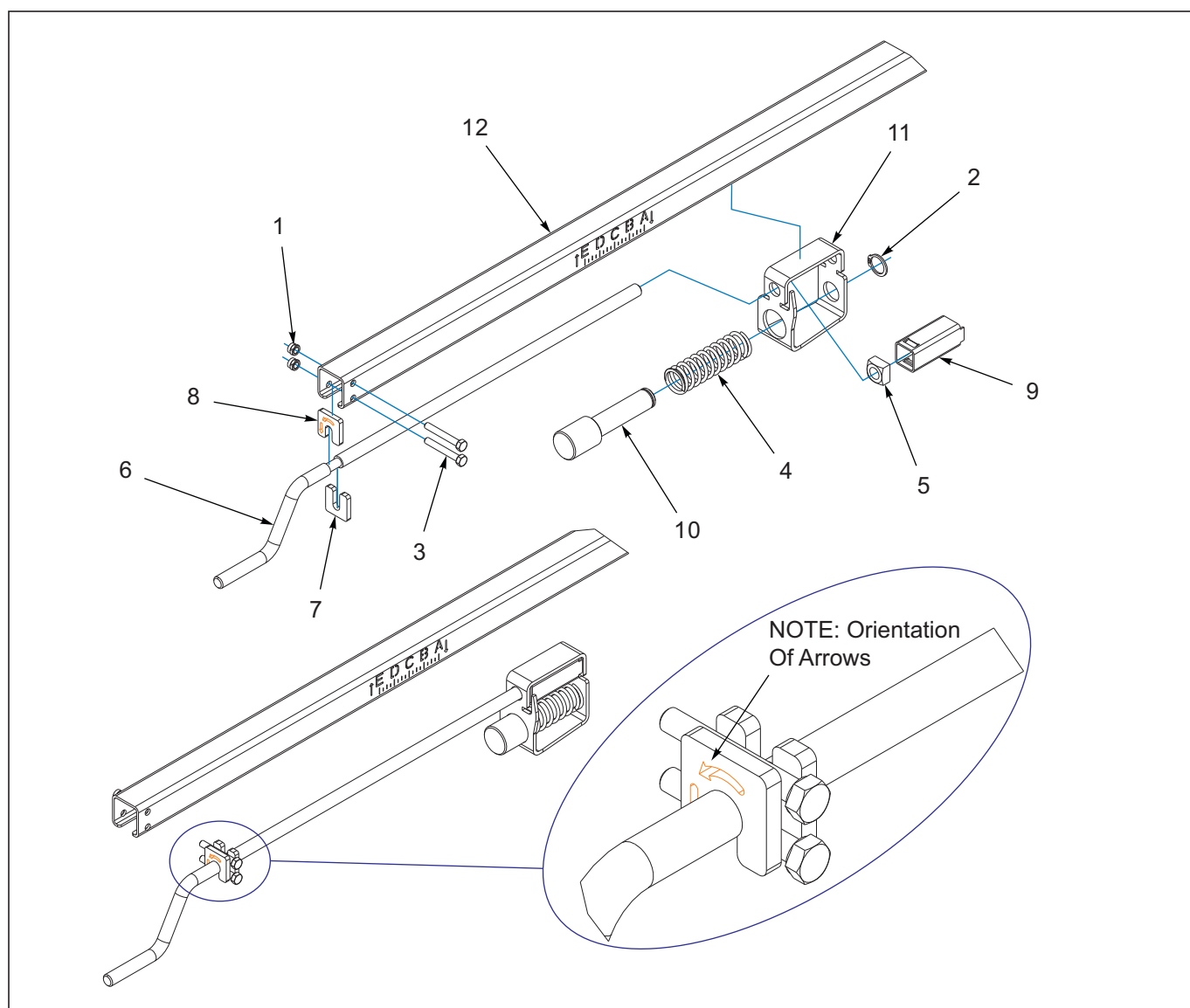


Figure 1-4: Depth Stop Assembly

Depth Stop Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	229851	ASSY, DEPTH STOP 90 L	
1	1-630-010021-03	RING, RETAINING 1.0 HD	2
2	108628	SCREW HX CP 5/16-18UNCX2-1/4	1
3	108628	SCREW HX CP 5/16-18UNCX2-1/4	2
4	122917	SPRING COMPRESSION,4-1/2 MONO	1
5	144048	NUT, SQ 5/8-11 GR5	1
6	165258	HANDLE, DEPTH STOP	1
7	165259	STOP, HANDLE LONG	1
8	165260	STOP, HANDLE SHORT	1
9	166717	SQ TUBE, FLOATING	1
10	174708	PIN, DEPTH STOP	1
11	174709	SQ TUBE, DEPTH STOP	1
12	229852	SQ TUBE, DEPTH STOP-90"	1

[illegible]

Hitch Assemblies

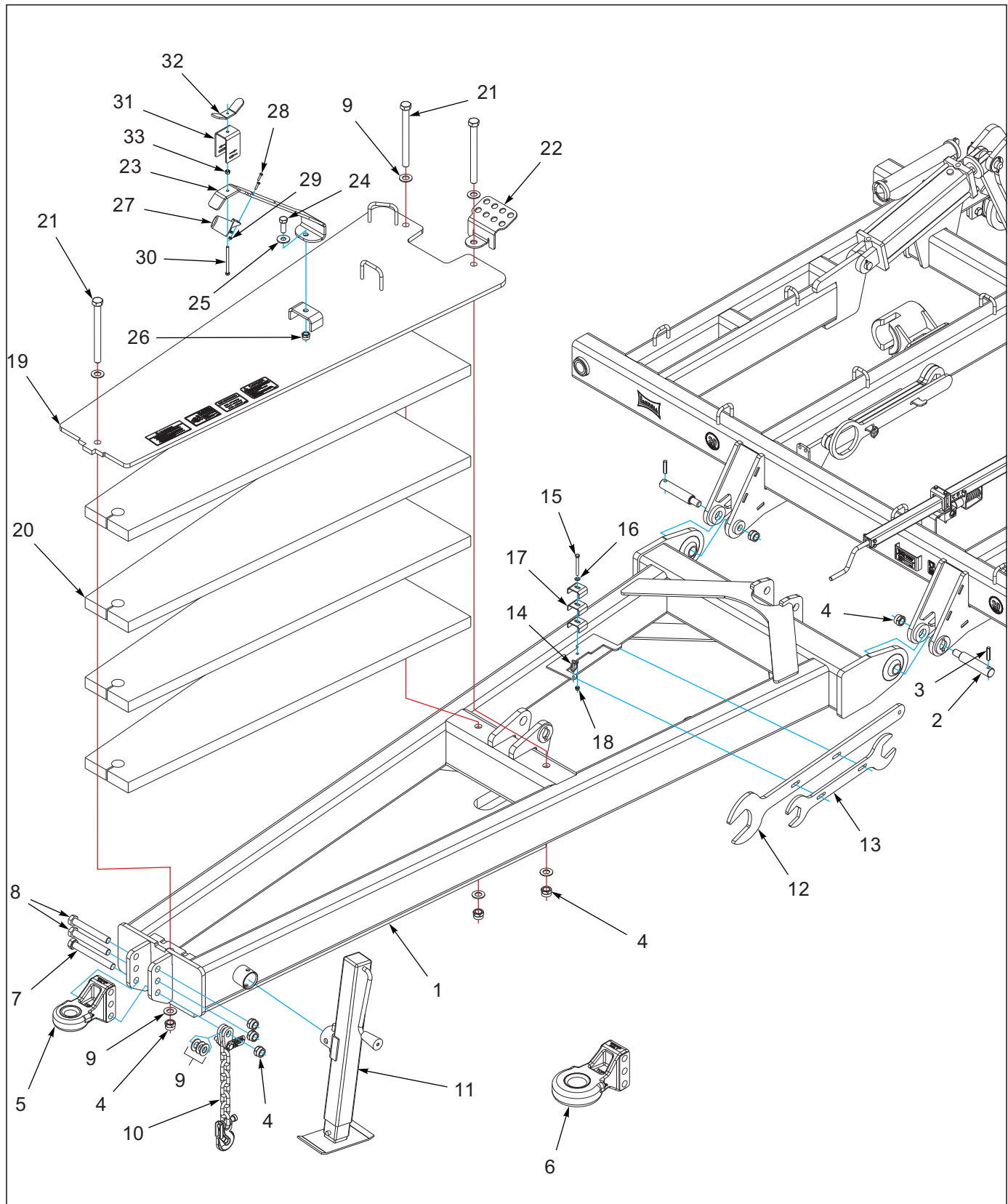


Figure 1-5: Hitch Assembly

Hitch Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	228236	HITCH, 2132 WLDMT	1
2	144493	PIN, HITCH	2
3	144115	PIN, GROOVED ALLOY 1/2X2-1/4	2
4	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	8
5	189451	HITCH, BALL CAT IV 3-HOLE (SEE PAGE 1-12)	1
6	177032	HITCH, BALL CAT V (SEE PAGE 1-12)	1
7	1-654-010125-22	SCREW HX CP 1-8UNCX8-1/2G8ZP	1
8	153696	BOLT, HITCH CLEVIS	2
9	1-861-010032-24	WASHER FL 1IN NARROW ZP	9
10	156950	SAFETY CHAIN, 41,000 LB	1
11	140647	JACK, SIDE WIND 7000/8000 LB (SEE PAGE 1-13)	1
12	179763	WRENCH, ADJUSTMENT	1
13	174404	WRENCH, ADJUSTMENT	1
14	70239854	PIN QUICK HITCH	1
15	1-654-010051-15	SCREW HXCP 3/8-16UNCX3-1/2 G5	1
16	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	1
17	2-181-010001	HOSE CLAMP	3
18	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	1
19	228245	COVER, HITCH WLDMT	1
20	228235	WEIGHT, HITCH	4
21	172894	SCREW HX CP 1-8UNCX11 GR8 ZP	3
22	228254	PLATE, HOSE STORAGE	1
23	228247	BRACKET, HOSE HOLDER	1
24	1-654-010061-05	SCREW,HHC,3/4-10UNCX2,GR5,ZP	1
25	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	1
26	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	1
27	2-368-010287	HARNESS, STOR-A-WAY	1
28	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	2
29	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	2
30	196754	SCREW,HH 3/8-16X5,GR5,FUL THRD	1
31	177398	CLAMP, HOSE HOLDER, LONG	1
32	141249	WING NUT, HOSE HOLDER	1
33	1-512-010007-07	NUT, HEX 3/8-16 GR2 ZP	1

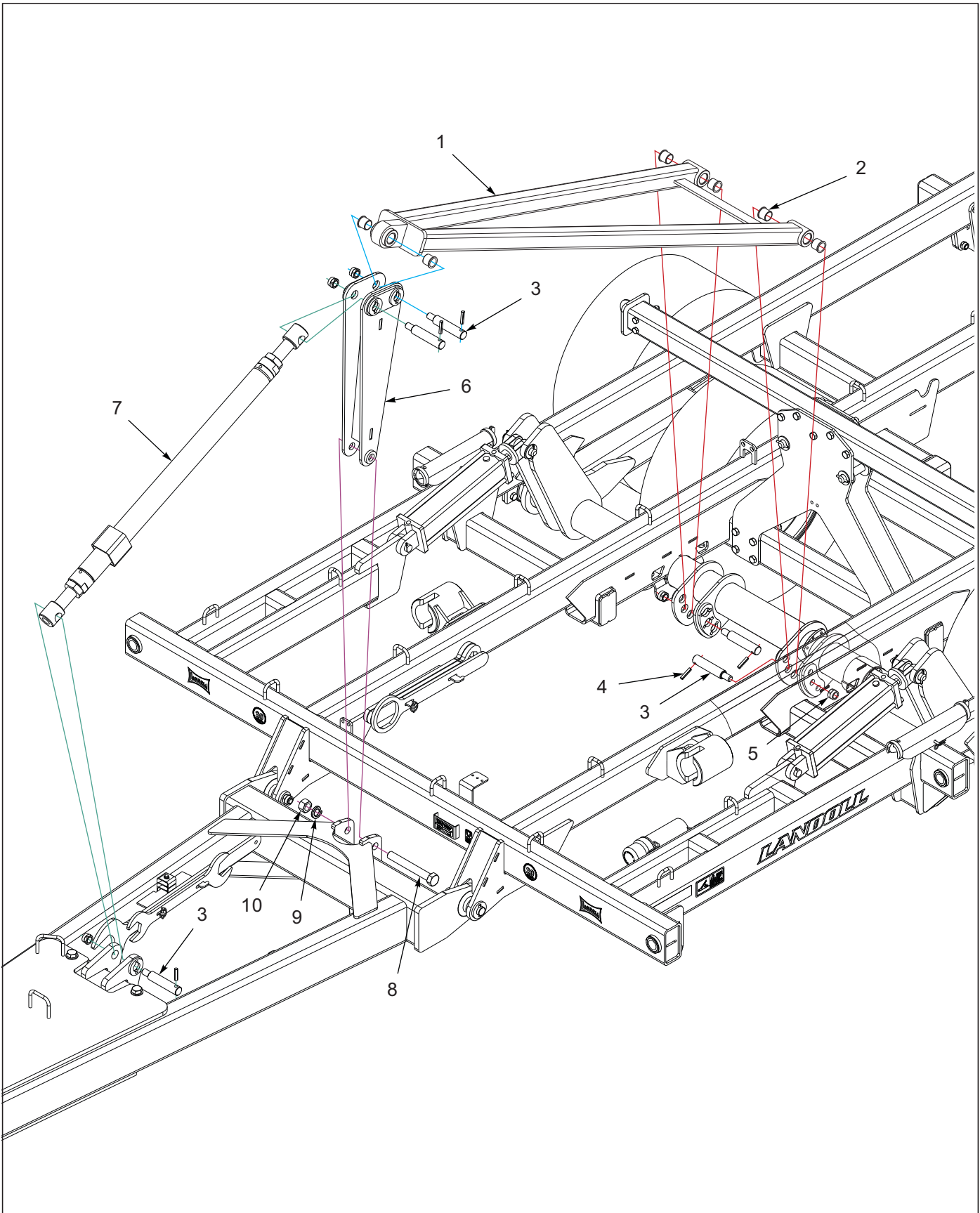


Figure 1-6: Hitch Leveling Assembly

Hitch Leveling Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	229854	WLDMT, LEVELER TUBE	1
2	140599	BEARING, FLANGE 1-1/2"	6
3	144493	PIN, HITCH	5
4	144115	PIN, GROOVED ALLOY 1/2X2-1/4	5
5	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	5
6	184780	TOWER, LEVELER-30" WLDMT	1
7	228224	RADIUS ASSY, 2 THRD, 1-1/2 PIN (SEE PAGE 1-14)	1
8	100808	SCREW CP HXHD 1-1/4-7X9-1/2G8	1
9	100825	WASHER, LKG, HLCL SPR 1-1/4	1
10	1-512-010007-16	NUT,HEX 1-1/4-7 GR2 ZP	1

ILLUSTRATED PARTS LIST

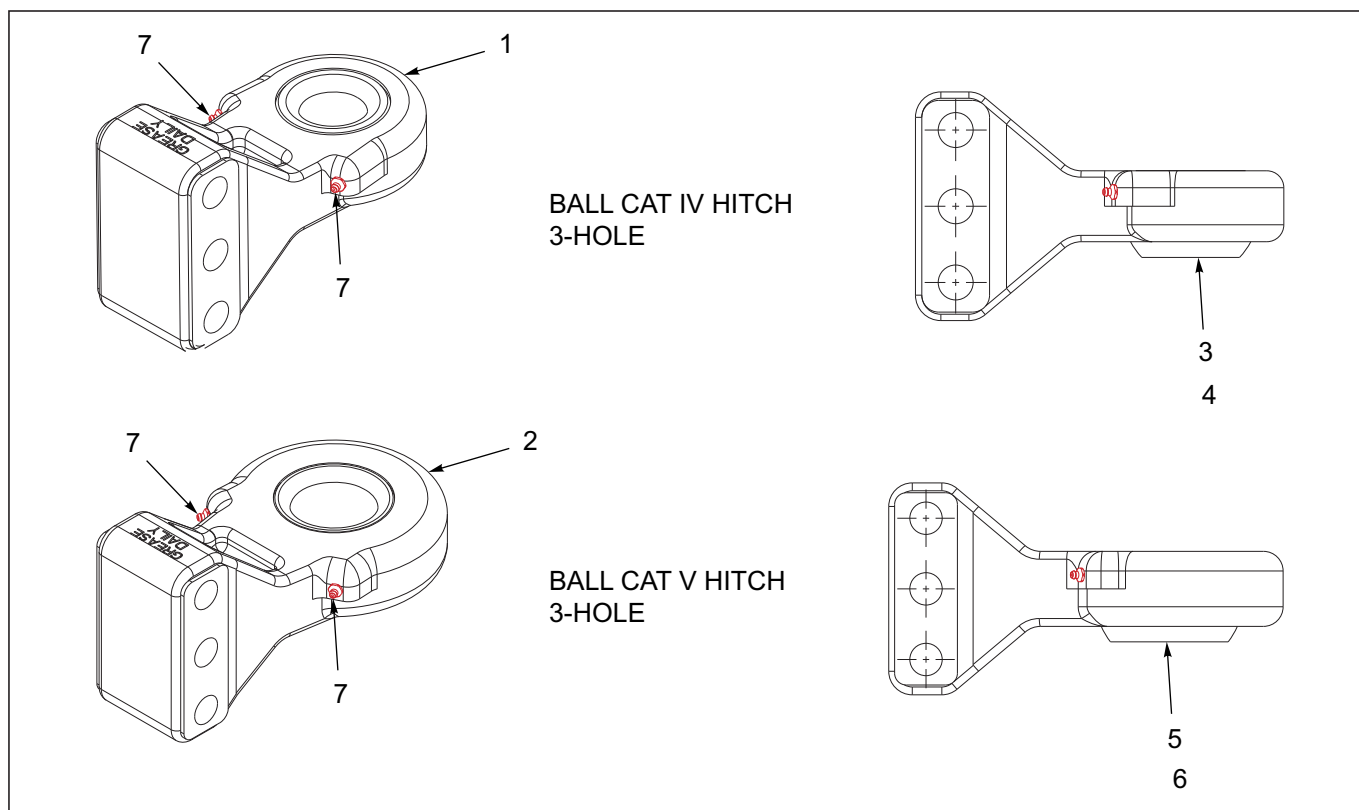


Figure 1-7: Ball & Clevis Hitches

Ball & Clevis Hitches

ITEM	PART NO.	DESCRIPTION	QTY.
1	189451	HITCH, BALL CAT IV 3-HOLE	1
2	177032	HITCH, BALL CAT V	1
3	189454	BUSHING, SPHERICAL 2 ID (STANDARD CAT IV)	1
4	189453	BUSHING, SPHERICAL 1-1/2 ID	1
5	189468	BUSHING, SPHERICAL 2-3/4 ID (STANDARD CAT V)	1
6	189467	BUSHING, SPHERICAL 2 ID	1
7	1-298-010001-1	ZERK FITTING 1/4 SAE	1

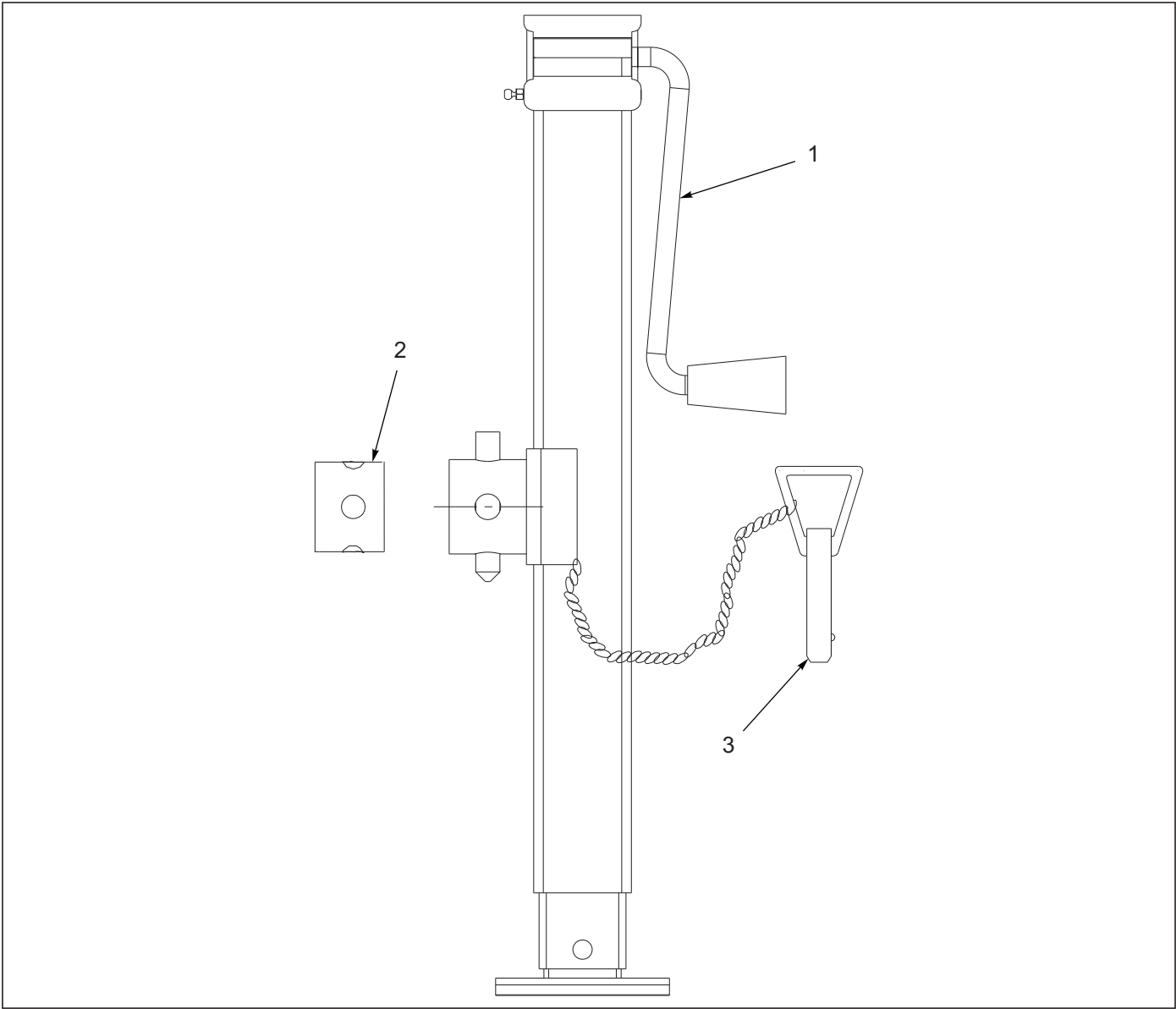


Figure 1-8: 7,000 Lb. Sidewind Jack Assembly

7,000 Lb. Sidewind Jack Assembly

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

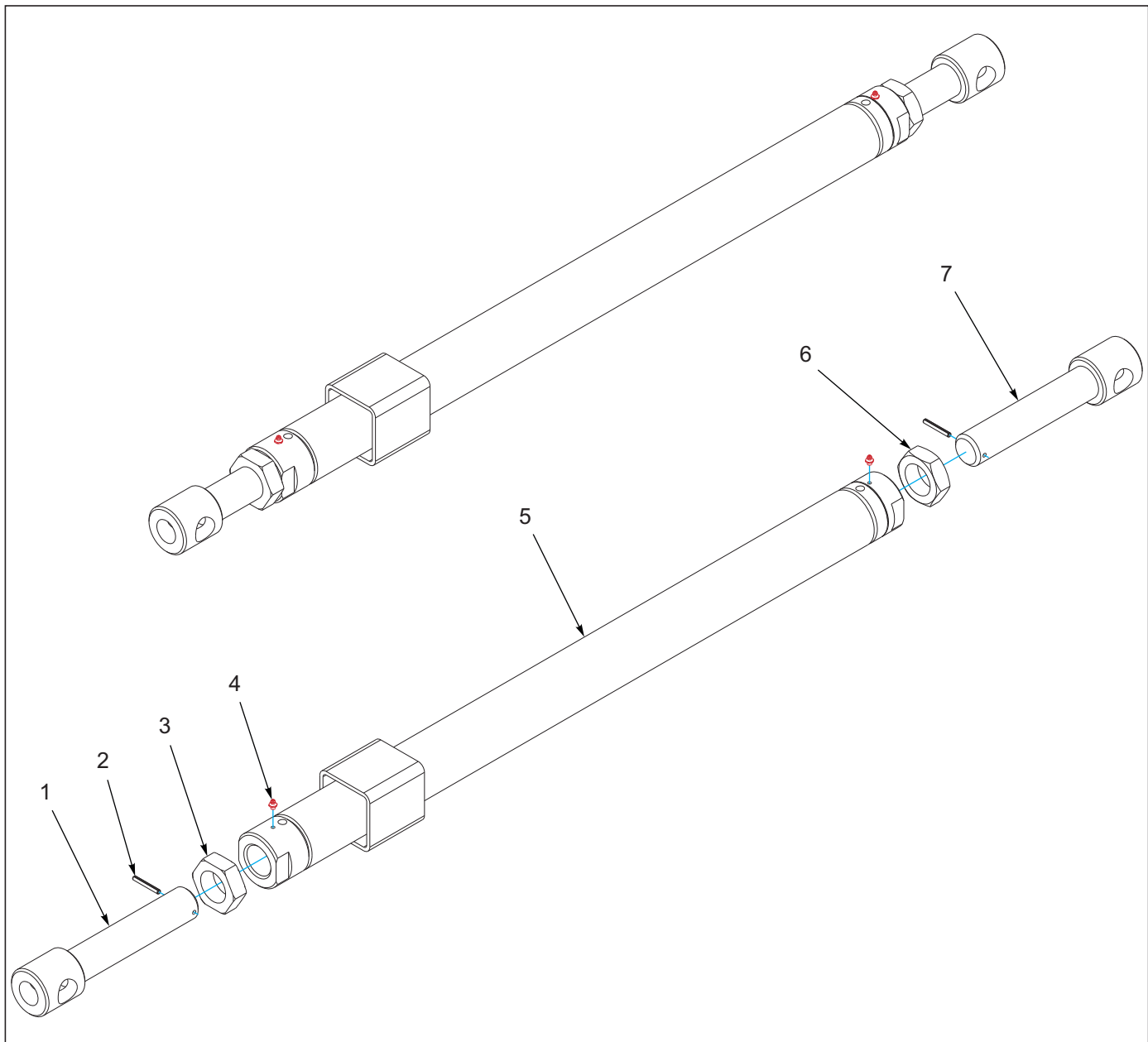


Figure 1-9: Radius Rod Assembly

Radius Rod Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	228224	RADIUS ASSY, 2 THRD, 1-1/2 PIN	
1	187181	RH WLDMT,RADROD-2THRD,1-1/2PIN	1
2	1-647-010004221	PIN,SPRING 1/4X2 SLOTTED	2
3	137931	NUT 2-12, HEX JAM, UNF GR 5	1
4	1-298-010001-1	ZERK FITTING 1/4 SAE	2
5	228225	HITCH, RADIUS ROD 2 WLDMT	1
6	139139	NUT 2-12, HEX JAM,LH THRD GR5	1
7	187182	LH WLDMT,RADROD-2THRD,1-1/2PIN	1

[illegible]

Wing Frame Assemblies

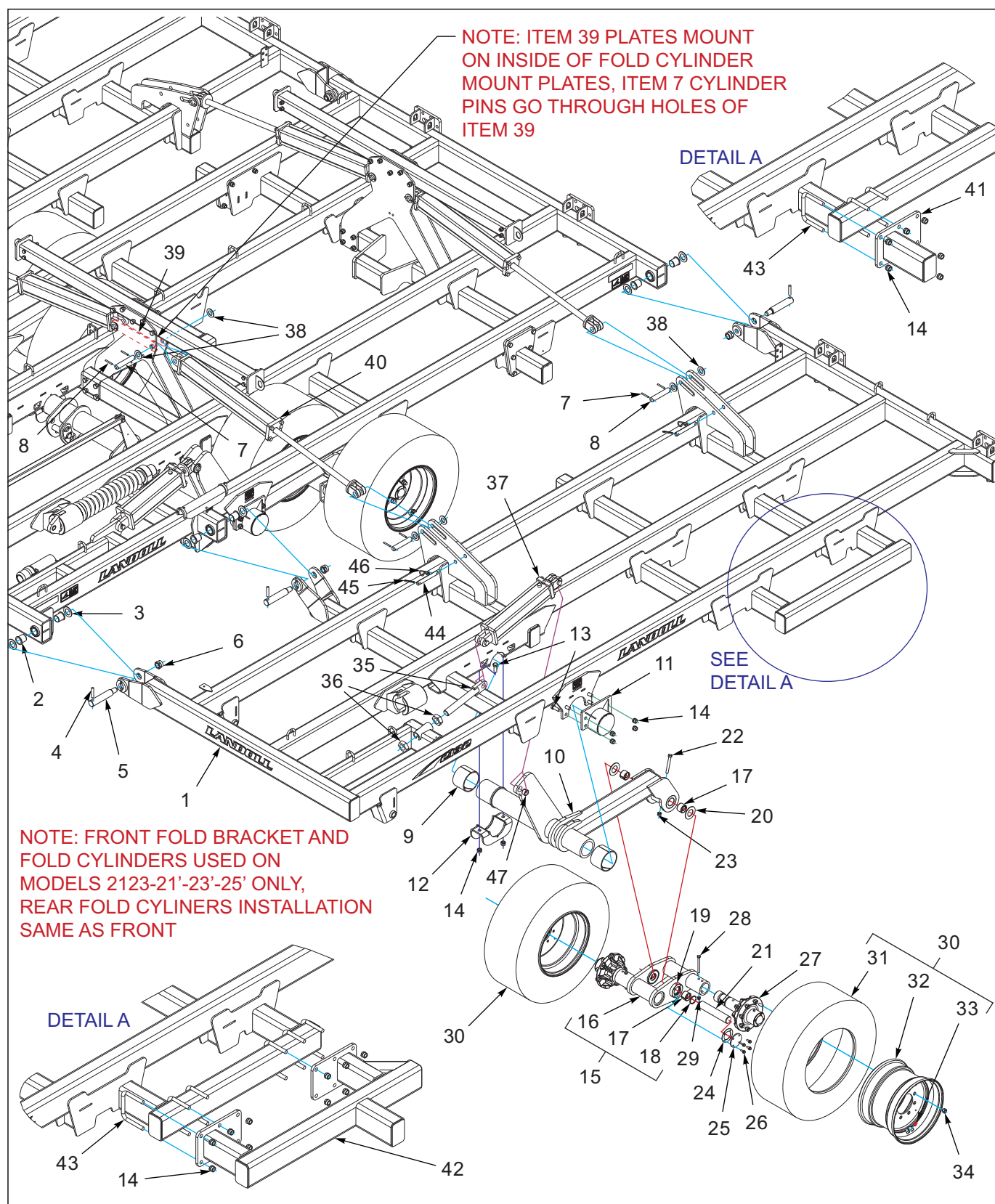


Figure 1-10: Wing Frame Assembly

Wing Frame Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	227465	FRAME, WING RIGHT 17-19 WLDMT	1
1	227466	FRAME, WING LEFT 17-19 WLDMT	1
1	227467	FRAME, WING RIGHT, 21/23/25 WLDMT	1
1	227468	FRAME, WING LEFT, 21/23/25 WLDMT	1
2	164533	BEARING, FLANGE 1-3/4	12
3	164539	WASHER THRUST 1-3/4	12
4	148382	PIN, WALKING BEAM SPINDLE	6
5	228228	PIN, HINGE	6
6	101385	NUT, HEX SLFLKG, 1-1/4-7 GRB	6
7	1-647-010004240	PIN, SPRING, SLOTTED, 5/16X2-1/2	8
8	170291	PIN, 1-1/4 X 7	4
9	140519	BEARING, UHMW 4IN	4
10	227469	LIFT, WING RIGHT WLDMT	1
10	227470	LIFT, WING LEFT WLDMT	1
11	141209	BEARING CAP, LIFT WLDMT	2
12	141234	WLDMT, BEARING CAP LIFT	2
13	1-654-010061-05	SCREW, HHC, 3/4-10UNCX2, GR5, ZP	12
14	1-512-010005-15	NUT, HEX, SLFLKG GRB 3/4-10	12
15	217591	ASSY, WALKER 3" (INCLUDES ITEMS 16-18)	2
16	217547	WALKING TANDEM-3" SP WLDMT	2
17	130052	BUSHING, SPRING 2-1/4X2X1-1/2	8
18	217559	SNAP RING, INTERNAL-2-1/4	4
19	171024	FITTING, GREASE 5/16-24 STR	8
20	171070	WASHER, THRUST 2	4
21	217593	SPINDLE, WALK BEAM 2"	2
22	1-654-010059-15	SCREW, HEX CAP, 5/8-11UNCX5 GR5	2
23	1-512-010005-13	NUT, HEX SLFLKG GRB 5/8-11	2
24	217627	GASKET, ENDCAP	4
25	217626	ENDCAP, WALKER	4
26	219795	SCREW, HEX FLANGE HD, 3/8 X 1	16
27	223440	ASSY, 8 BOLT HUB & SPINDLE (SEE PAGE 1-23)	4
28	1-654-010055-15	SCR, HX CP, 1/2-13UNCX5 GR5	4
29	1-512-010005-09	NUT, HEX, SLFLKG, 1/2-13 GRB	4
30	228255	BKT340TIRE ASSY POS1.13 OFFSET (INCLUDES ITEMS 31-33)	4
30	221272	BKT 380 TIRE&WHL ASSY POS 1.5" (INCLUDES ITEMS 31-33)	4
31	228256	BKT TIRE 340/65R 18 IMP (USED WITH 228255)	4
31	221270	BKT TIRE 380/55R 16.5 IMP (USED WITH 221272)	4
32	228257	WHEEL, 8 BOLT, POS 1.13 OFFSET (USED WITH 228255)	4
32	171011	WHL 16.5X12 POS 1.5 OFFST 8BLT (USED WITH 221272)	4
33	TR575	VALVE STEM TUBELESS TIRE	4
34	102600	NUT, WHEEL BOLT, 5/8	32
35	167617	ROD, CYLINDER ANCHOR WLDMT	2
36	155716	NUT HX JAM 1-3/4-5UNC GR2	4
37	146825	CYLINDER, 4X16, REPHASE (SEE PAGE 1-51)	2
38	116100	WASHER 1-1/4 NAR FL ZP/CD	8
39	228223	PLATE, CYL MOUNT	2
40	140472	CYLINDER, 4 X 30, 1-1/2 ROD (SEE PAGE 1-52)	2
41	146733	EXTENSION, 1 SHANK WLDMT (USED ON MODELS 2132-19-23 ONLY)	2
42	231336	EXTENSION, 2 SHANK (USED ON MODEL 2132-25 ONLY)	2

Wing Frame Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
43	111392	U-BOLT, GAUGE WHEEL 1550	
44	2-557-010409	PIN, WING LOCK	
45	0600-250-03000	1/4X3 ROLL PIN ZP	
46	1-557-010013	PIN, HAIR 3/16 DIA	
47	2-150-010174	BUSHING, 1-5/8X1-1/4X1	2

[illegible]

Hub & Spindles

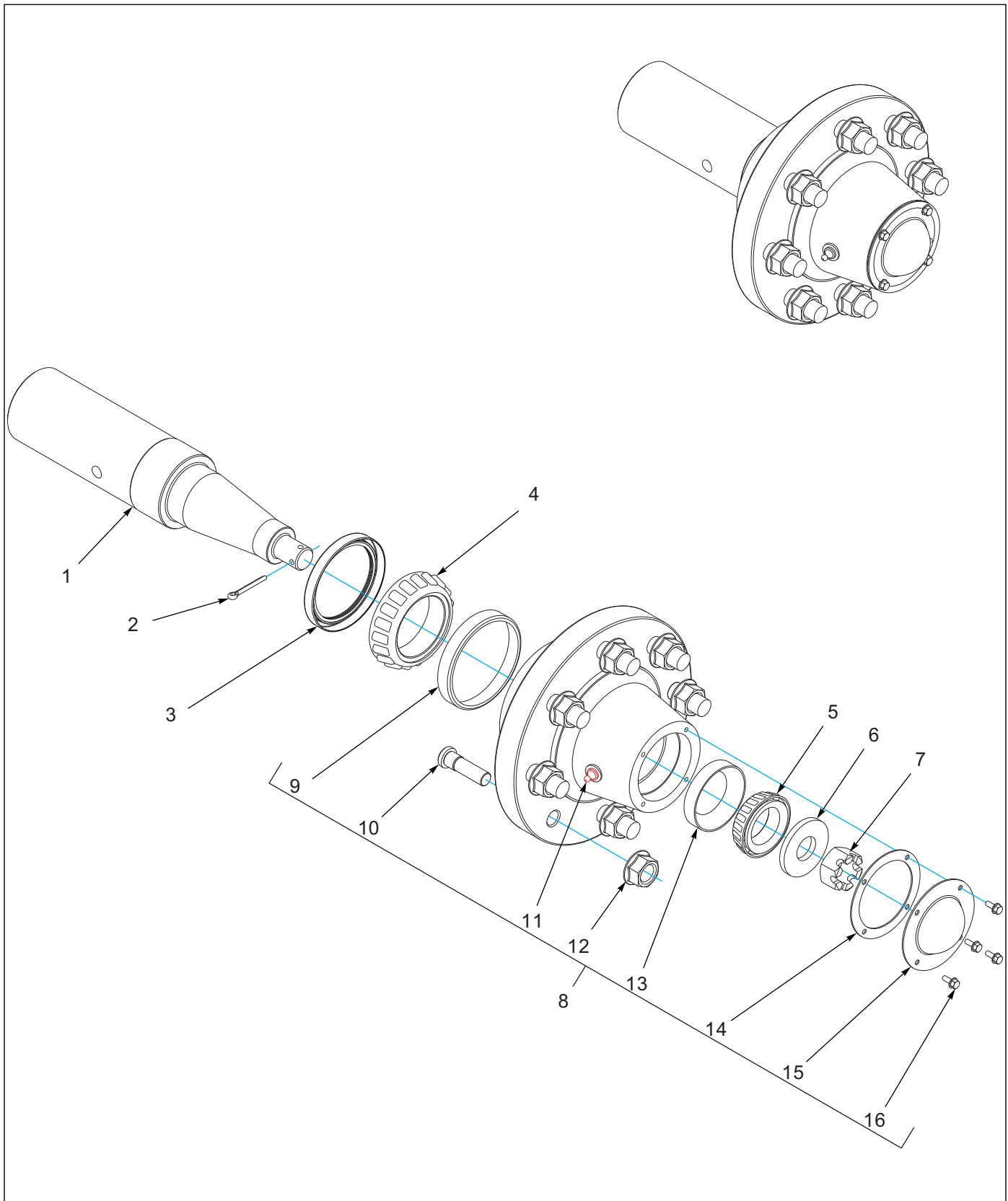


Figure 1-11: Hub and Spindle Assembly - 170704

Hub and Spindle Assembly - 170704

ITEM	PART NO.	DESCRIPTION	QTY.
--	170704	HUB & SPDL ASSY 3.25", 8 BOLT	
1	170705	SPINDLE, 3-1/4 IN	1
2	1-557-010362-51	PIN, COTTER 3/16X1-1/2	1
3	171107	SEAL,TRIPLE LIP4.125ODX3.251ID	1
4	170310	CONE BEARING-39250-39412	1
5	170302	HUB W/ CUPS, 8 BOLT 10,000 LBS	1
6	1-861-010005	WASHER, SPINDLE 1	1
7	1-516-010001-20	NUT, HX SLOT 1-14	1
8	170302	HUB W/ CUPS, 8 BOLT 10,000 LBS (INCLUDES ITEMS 9-16)	1
9	171771	BEARING CUP	1
10	171772	BOLT STUD 3/4-16 X 2-3/4 GR8	8
11	5000	ZERK FITTING 1/8NPT	1
12	171773	NUT, HEX FLANGE 3/4-16 GR5 ZP	8
13	102604	BEARING CUP, OUTER	8
14	223439	GASKET, DUST CAP	1
15	223437	DUST CAP, BOLT ON	1
16	223438	SCREW, 10-32X1/2 HEX FLANGE	4

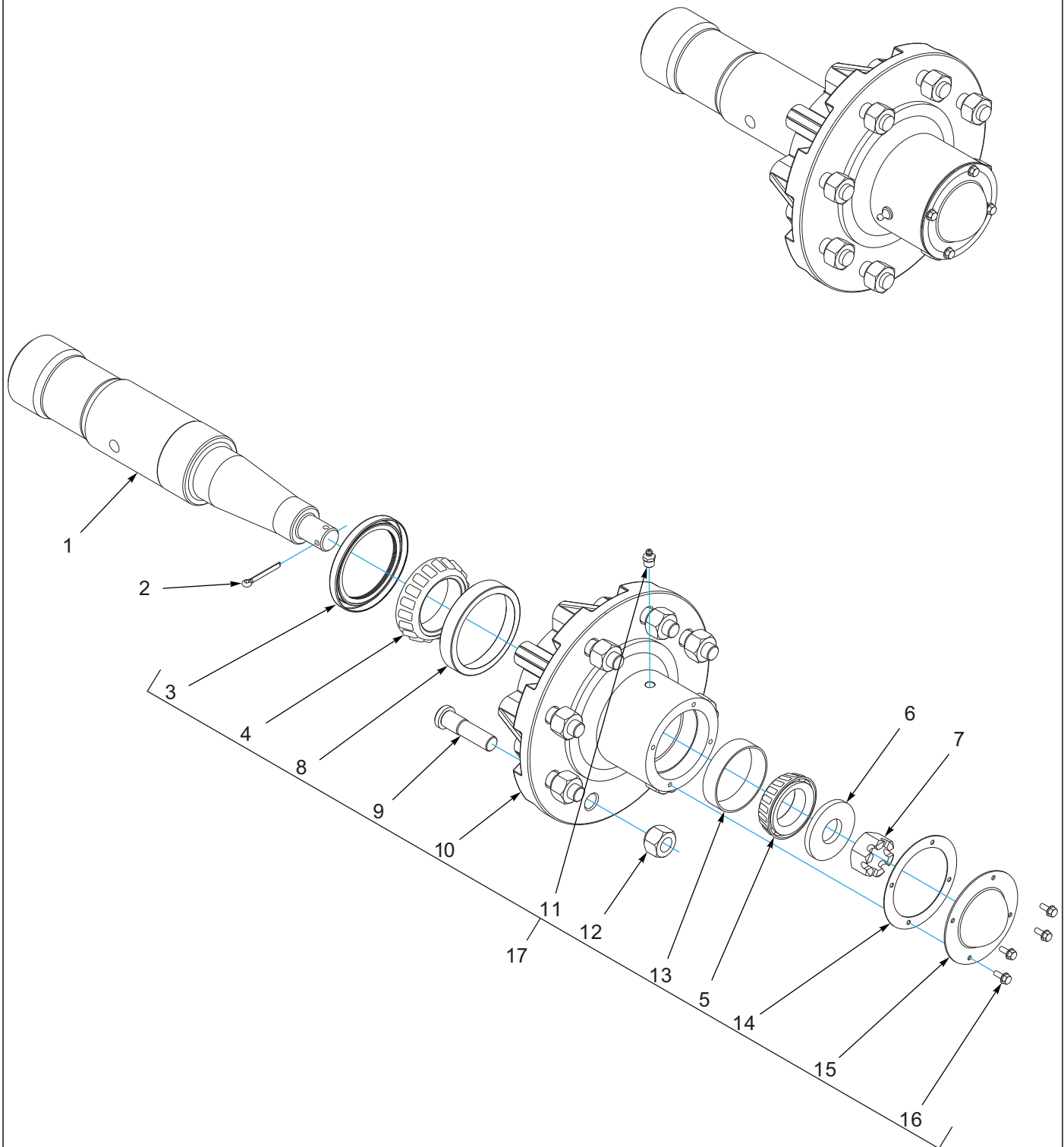


Figure 1-12: Hub and Spindle Assembly - 223440

Hub and Spindle Assembly - 223440

ITEM	PART NO.	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	193089	SEAL, PURGABLE 4 OD X 3 ID	1
4	156979	CONE BEARING - 387AS	1
5	102498	BEARING CONE, OUTER, 1.625	1
6	1-861-010005	WASHER, SPINDLE 1	1
7	1-516-010001-20	NUT, HX SLOT 1-14	1
8	111962	OUTER BEARING CUP L20HD#382A	1
9	4001060	HUB 75-8 BOLTS 5/8-18 STUD	8
10	223435	HUB ASSY W/ CUPS, GASKET, CAP (INCLUDES ITEMS 8, 9, 11-16)	1
11	5000	ZERK FITTING 1/8NPT	1
12	102600	NUT, WHEEL BOLT, 5/8	8
13	102604	BEARING CUP, OUTER	1
14	223439	GASKET, DUST CAP	1
15	223437	DUST CAP, BOLT ON	1
16	223438	SCREW, 10-32X1/2 HEX FLANGE	4
17	168859	HUB ASSY, EIGHT BOLT (SERVICE KIT ONLY)	

Shank Assemblies

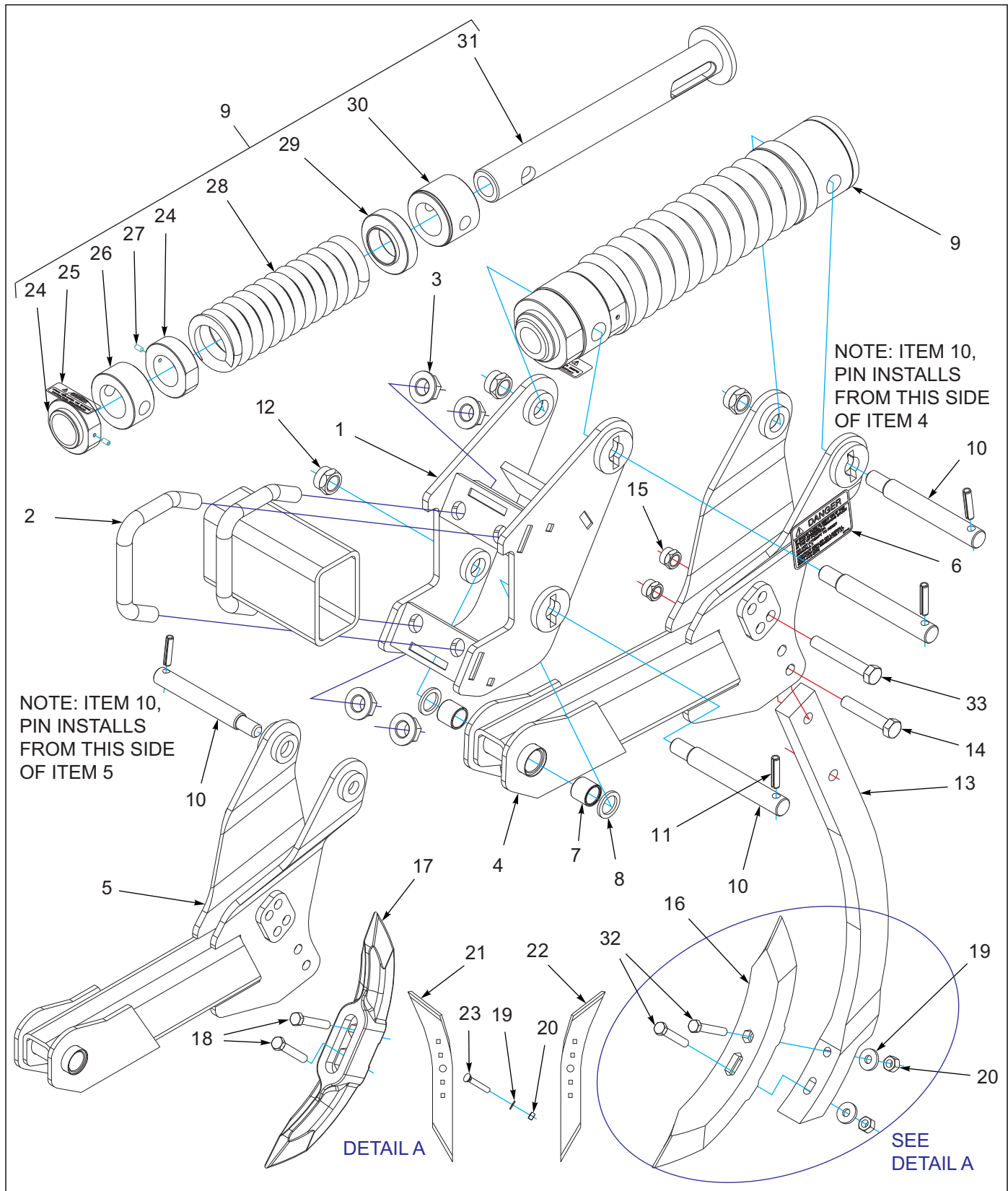


Figure 1-13: Auto Reset Clamp Assembly Before 12-01-2023

Auto Reset Clamp Assembly Before 12-01-2023

ITEM	PART NO.	DESCRIPTION	QTY.
--	174740	ASSY, CLAMP W/MOUNT RT (INCLUDES ITEMS 1, 4, 7-12)	
--	174786	ASSY, CLAMP W/ MOUNT LT (INCUEDS ITEMS 1, 5, 7-12)	
1	174741	CLAMP, WELDMENT SPRING	1
2	174749	U-BOLT, 1" SHANK CLAMP	2
3	174732	NUT, FLG HD, TOPLOCK, 1-8 UNC	4
4	222541	MOUNT,SHANK-RT HEF BRG WLDMT (USED WITH 174740) (INCLUDES ITEM 6)	1
5	222542	MOUNT,SHANK-LT HEF BRG WLDMT (USED WITH 174786) (INCLUDES ITEM 6)	1
6	207142	DECAL, DANGER STUCK SHANK	1
7	217196	BEARING-HEF,1.5 X 1.25 X 1.3	2
8	221229	WASHER, THRUST 1-1/4	2
9	219735	ASSY, SPRING SHANK (INCLUDES ITEMS 24-31)	1
10	144457	PIN, SHANK	3
11	141251	SPRING PIN,SLOTTED 1/2X2-1/4	3
12	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	3
13	144458	SHANK 1-1/4X2-1/2X32,50DEG	1
14	1-654-010061-13	SCREW,HX CP 3/4-10UNCX4 GR5	2
15	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	2
16	231300	POINT, 2" CAST FLAT	1
17	237400	POINT, 2" CAST REV, MILSON	1
18	201496	SCREW,HX CAP, 1/2-13X3.25 GR8	2
19	153631	WASHER, FLAT 1/2HD	2
20	114911	NUT,HVY HEX,1/2-13UNC GR5	2
21	66826	TW SHVL RH 1/2 X 4W X 26	1
22	66827	TW SHVL LH 1/2 X 4W X 26	1
23	177027	BOLT, PLOW 1/2-13 X 3 GR8	2
24	219737	NUT, SPRING ROD	2
25	2-573-010469	DECAL, DANGER SPRING	1
26	219736	BEARING, SPRING ROD	1
27	114987	SCREW,SET,HX SKT,3/8-16X3/4	2
28	144461	SPRING, COIL COMPRESSION	1
29	144449	WASHER, SPRING ROD	1
30	144451	SLIDE, SPRING ROD	1
31	145173	ROD, SPRING WLDMT	1
32	122726	SCREW HX CP 1/2-13UNCX3-3/4G8	2
33	1-654-010061-15	SCREW,HX CP 3/4-10UNCX5 GR5	1

ILLUSTRATED PARTS LIST

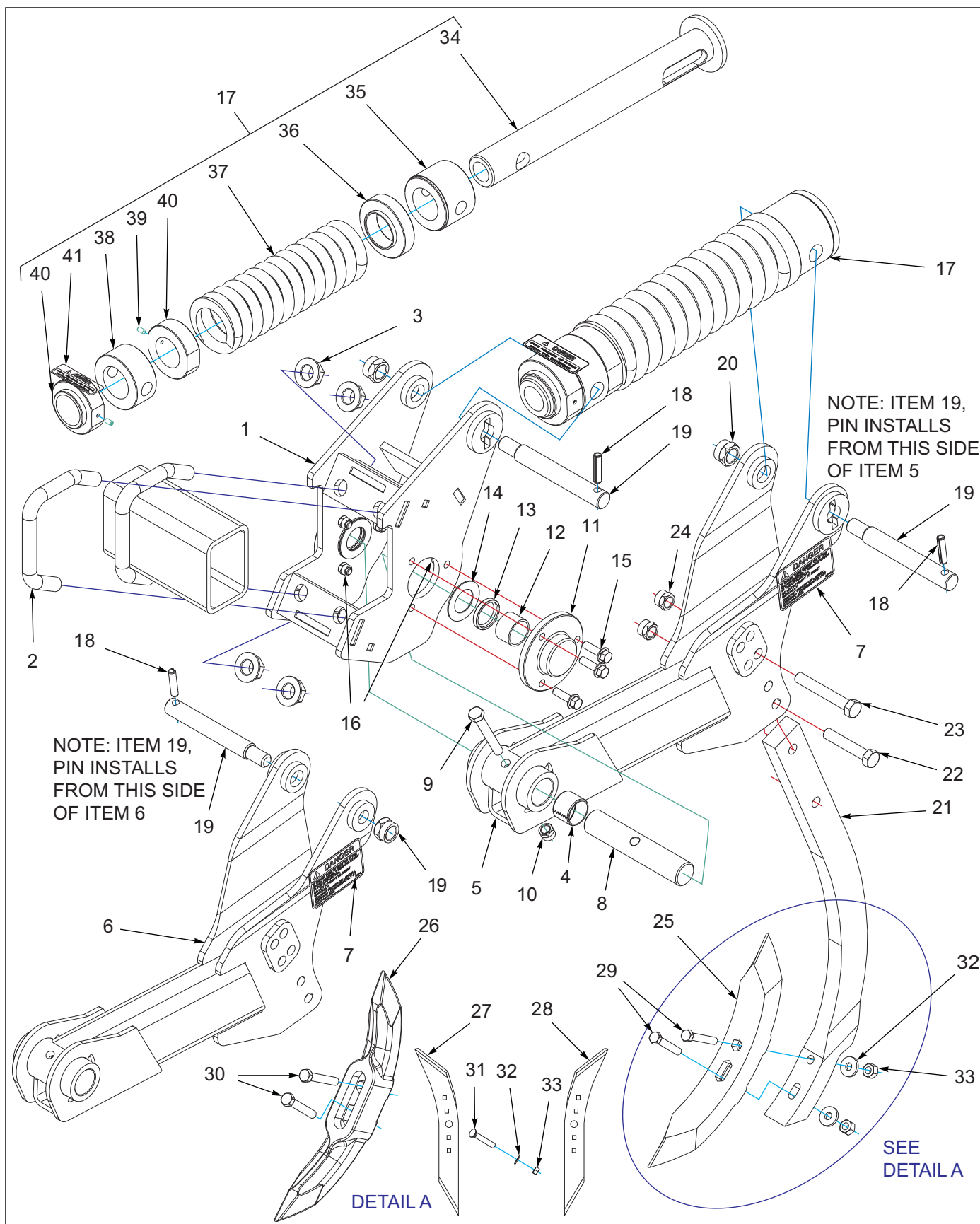


Figure 1-14: Auto Reset Clamp Assembly After 12-01-2023

Auto Reset Clamp Assembly After 12-01-2023

ITEM	PART NO.	DESCRIPTION	QTY.
--	241995	ASSY, CLAMP W/ MOUNT-RT (INCLUDES ITEMS 1, 4, 5, 8-20)	
--	241996	ASSY, CLAMP W/ MOUNT-LT (INCLUDES ITEMS 1, 4, 6, 8-20)	
1	241994	CLAMP, WLDMT SPRG W/1-3/4 PIN	1
2	174749	U-BOLT, 1" SHANK CLAMP	2
3	174732	NUT, FLG HD, TOPLOCK, 1-8 UNC	4
4	240342	BUSHING, SPRG 2 X 1-3/4 X 1-1/2	2
5	241991	MOUNT, SHANK-RT 1-3/4 PIN (USE WITH 241995) (INCLUDES ITEM 7)	1
6	241992	MOUNT, SHANK-LT 1-3/4 PIN (USE WITH 241996) (INCLUDES ITEM 7)	1
7	207142	DECAL, DANGER STUCK SHANK	1
8	243129	PIN, SHANK PIVOT NITRO	1
9	1-654-010059-14	SCREW HX CP, 5/8-11UNCX4-1/2G5	1
10	1-512-010005-13	NUT, HEX SLFLKG GRB 5/8-11	1
11	243052	CAP, CAST MACHINED W/ SEAL	2
12	243053	BRG, IGUS 2.00 X 1.75 X 1.25 L	2
13	243050	SEAL, 1.75 SHAFT X 2.25 OD	2
14	195566	WASHER THRUST 1-3/4 14 GA	2
15	243054	SCREW FLG HD 1/2-13X1-3/4 GR8	6
16	1-512-010005-09	NUT, HEX, SLFLKG, 1/2-13 GRB	6
17	219735	ASSY, SPRING SHANK (INCLUDES ITEMS 34-41)	1
18	141251	SPRING PIN, SLOTTED 1/2X2-1/4	2
19	144457	PIN, SHANK	2
20	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	2
21	144458	SHANK 1-1/4X2-1/2X32,50DEG	1
22	1-654-010061-13	SCREW, HX CP 3/4-10UNCX4 GR5	2
23	1-654-010061-15	SCREW, HX CP 3/4-10UNCX5 GR5	1
24	1-512-010005-15	NUT, HEX, SLFLKG GRB 3/4-10	2
25	231300	POINT, 2" CAST FLAT	1
26	237400	POINT, 2" CAST REV, MILSON	1
27	66826	TW SHVL RH 1/2 X 4W X 26	1
28	66827	TW SHVL LH 1/2 X 4W X 26	1
29	122726	SCREW HX CP 1/2-13UNCX3-3/4G8	2
30	201496	SCREW, HX CAP, 1/2-13X3.25 GR8	2
31	177027	BOLT, PLOW 1/2-13 X 3 GR8	2
32	153631	WASHER, FLAT 1/2HD	2
33	114911	NUT, HVY HEX, 1/2-13UNC GR5	2
34	145173	ROD, SPRING WLDMT	1
35	144451	SLIDE, SPRING ROD	1
36	144449	WASHER, SPRING ROD	1
37	144461	SPRING, COIL COMPRESSION	1
38	219736	BEARING, SPRING ROD	1
39	114987	SCREW, SET, HX SKT, 3/8-16X3/4	2
40	219737	NUT, SPRING ROD	2
41	2-573-010469	DECAL, DANGER SPRING	1

ILLUSTRATED PARTS LIST

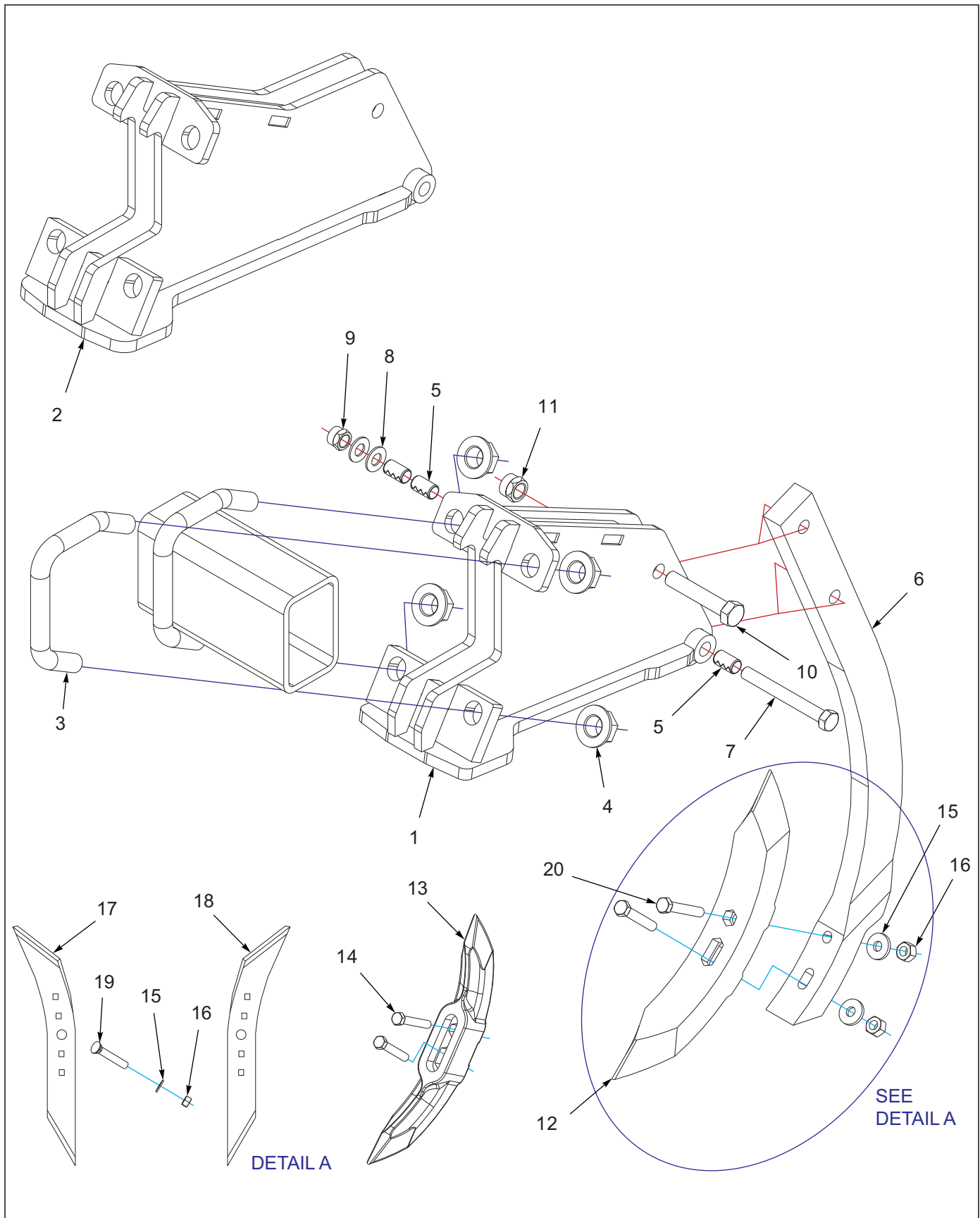


Figure 1-15: Rigid Shear Bolt Clamp Assembly

Rigid Shear Bolt Clamp Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	229982	CLAMP,SHEAR BOLT,8" OFFSET WLD	1
2	174772	CLAMP SHEAR BOLT 12"OFFSET WLD	1
3	174749	U-BOLT, 1" SHANK CLAMP	2
4	174732	NUT, FLG HD, TOPLOCK, 1-8 UNC	4
5	150244	BUSHING,CNX-5/8 X 3/4 X 1-1/4	3
6	144458	SHANK 1-1/4X2-1/2X32,50DEG	1
7	167646	SCREW,HX CP,5/8-11UNCX5-1/2GR8	1
8	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	2
9	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	1
10	1-654-010061-13	SCREW,HX CP 3/4-10UNCX4 GR5	1
11	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	1
12	231300	POINT, 2" CAST FLAT	1
13	172982	POINT, 2" CAST	1
14	201496	SCREW,HX CAP, 1/2-13X3.25 GR8	2
15	153631	WASHER, FLAT 1/2HD	2
16	114911	NUT,HVY HEX,1/2-13UNC GR5	2
17	66826	TW SHVL RH 1/2 X 4W X 26	1
18	66827	TW SHVL LH 1/2 X 4W X 26	1
19	177027	BOLT, PLOW 1/2-13 X 3 GR8	2
20	122726	SCREW HX CP 1/2-13UNCX3-3/4G8	2

Coulter Gang Assemblies

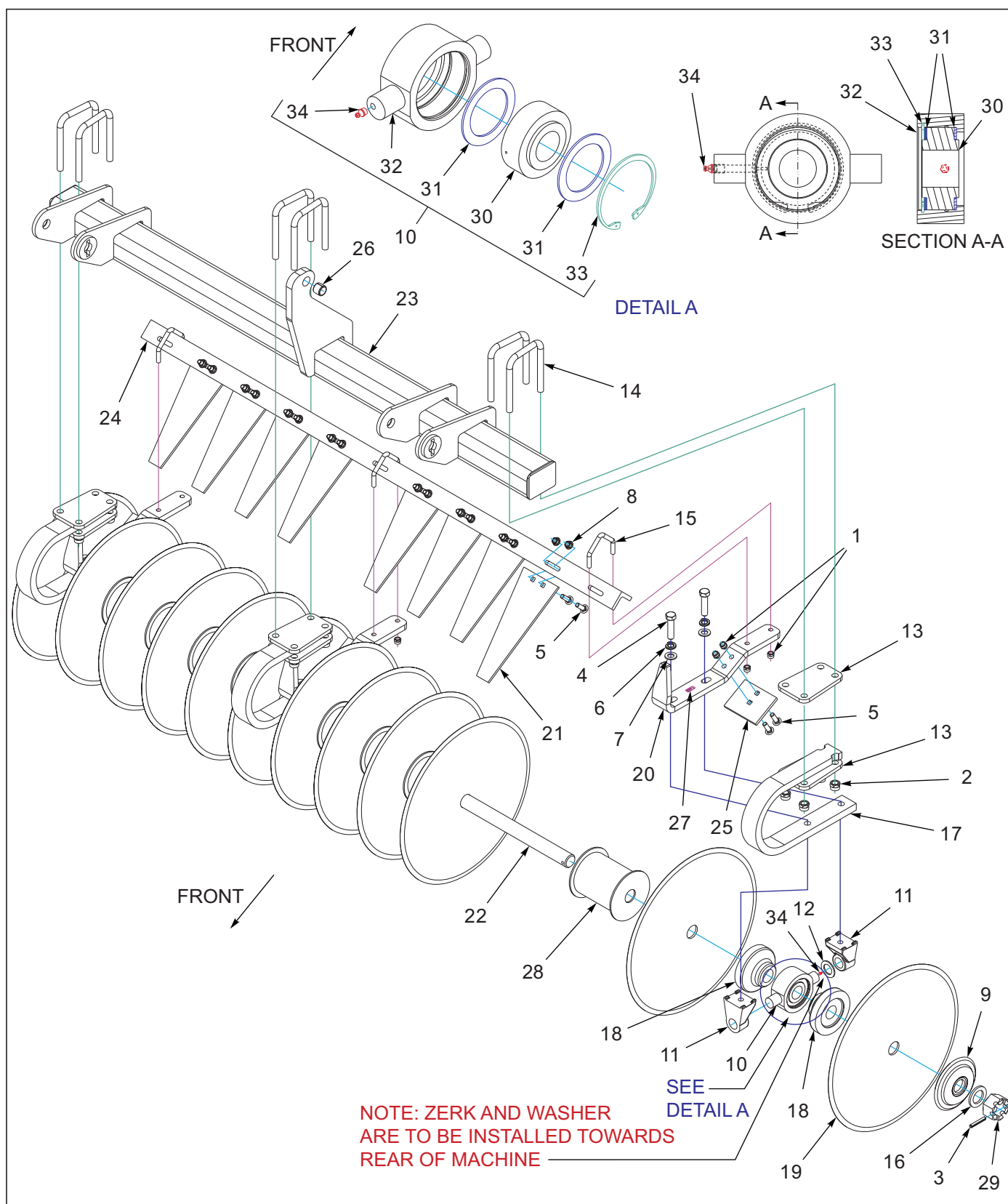


Figure 1-16: Coulter Gang Assembly

Coulter Gang Assembly

ITEM	PART NO.	DESCRIPTION	QTY.				
--	229872	GANG ASSY, 2132-17	*				
--	229873	GANG ASSY, 2132-19		*			
--	229874	GANG ASSY, 2132-21			*		
--	229875	GANG ASSY, 2132-23				*	
--	229876	GANG ASSY, 2132-25					*
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	40	48	48	56	56
2	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	40	48	48	56	56
3	1-647-010004257	PIN,SPRING,SLOTTED 3/8X2-1/2	8	8	8	12	12
4	1-654-010032-09	SCREW HEX CAP 3/4-10X3 GR8	20	24	24	28	28
5	1-654-010070-04	SCREW RDHD SQNK 1/2-13X1-3/4	64	72	80	88	96
6	1-861-010034-17	WASHER,LKG,HLCL SPR,3/4	20	24	24	28	28
7	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	20	24	24	28	28
8	124971	NUT HX FLG 1/2-13 SPIRALOCK	44	48	56	60	68
9	140469	END COLLAR	8	8	8	12	12
10	140477	BEARING, DISC 1.775 ID ASSY (INCLUDES ITEMS 30-34)	10	12	12	14	14
11	140479	MOUNT, TRUNNION	20	24	24	28	28
12	140480	WASHER, TRUNNION	10	12	12	14	14
13	140483	PLATE, DISC SHANK MOUNT	20	24	24	28	28
14	140484	U-BOLT, 3/4 X 5	20	24	24	28	28
15	140487	UBOLT, SCRAPER BAR MOUNT	10	12	12	14	14
16	141154	WASHER GANG SHAFT	20	20	20	30	30
17	144522	SHANK 1X2-1/2 STRAIGHT	10	12	12	14	14
18	144533	HALF SPOOL, FLAT	20	24	24	28	28
19	144536	DISC BLADE 22" X 1/4", 1-3/4"	35	39	43	47	51
20	145179	MOUNT, SCRAPER BAR	10	12	12	14	14
21	145199	SCRAPER 5/16 X 6	22	24	28	30	34
22	145209	GANG, SHAFT 51-1/2 L	--	--	--	4	--
22	145210	GANG, SHAFT 59 L	2	--	--	--	4
22	145211	GANG, SHAFT 66-1/2 L	1	1	1	1	1
22	145212	GANG, SHAFT 74 L	1	3	1	1	1
22	145214	GANG, SHAFT 89 L	--	--	2	--	--
23	145217	GANGBAR, 60" LEFT WLDMT	1	1	1	1	1
23	145218	GANGBAR, 67-1/2" RIGHT WLDMT	1	1	1	1	1
23	147536	GANGBAR, 97-1/2" RIGHT WLDMT	--	--	--	1	--
23	147537	GANGBAR, 97-1/2" LEFT WLDMT	--	--	--	1	--
23	147538	GANGBAR, 83" RIGHT WLDMT	--	--	1	--	--
23	147539	GANGBAR, 83" LEFT WLDMT	--	--	1	--	--
23	147540	GANGBAR, 67-1/2" RIGHT WLDMT	--	1	--	--	--
23	147541	GANGBAR, 67-1/2" LEFT WLDMT	--	1	--	--	--
23	147542	GANGBAR, 52-1/2" RIGHT WLDMT	1	--	--	--	--
23	147543	GANGBAR, 52-1/2" LEFT WLDMT	1	--	--	--	--
23	148298	GANGBAR, 112 1/2", LEFT	--	--	--	--	1
23	148299	GANGBAR, 112 1/2", RIGHT	--	--	--	--	1
24	145231	SCRAPER BAR, 7-1/2 SP 6 HOLE	--	--	--	2	--
24	145232	SCRAPER BAR, 7-1/2 SP 7 HOLE	2	--	--	2	2
24	145233	SCRAPER BAR, 7-1/2 SP 8 HOLE	--	--	--	--	2
24	145234	SCRAPER BAR, 7-1/2 SP 9 HOLE	2	4	2	2	2
24	145236	SCRAPER BAR, 7-1/2 SP 11 HOLE	--	--	2	--	--

Coulter Gang Assembly

ITEM	PART NO.	DESCRIPTION	QTY.				
25	152251	SCRAPER, DUAL	10	12	12	14	14
26	2-150-010008	BUSHING 1-1/4ODX1IDX1 STEEL	4	4	4	4	4
27	2-573-010330-02	DECAL, LUBRICATION 10 HOURS	10	12	12	14	14
28	229846	SPOOL WLDMT, 7-1/2 SP STR	21	23	27	27	31
29	23085	NUT HEX SLOTTED 1 3/4-5	8	8	8	12	12
30	140464	BEARING, DISC 1.775 ID	1	1	1	1	1
31	140473	WASHER, BEARING	2	2	2	2	2
32	140475	CASTING, TRUNNION	1	1	1	1	1
33	140476	INTERNAL RETAINING RING	1	1	1	1	1
34	5000	ZERK FITTING 1/8NPT	1	1	1	1	1

[illegible]

ILLUSTRATED PARTS LIST

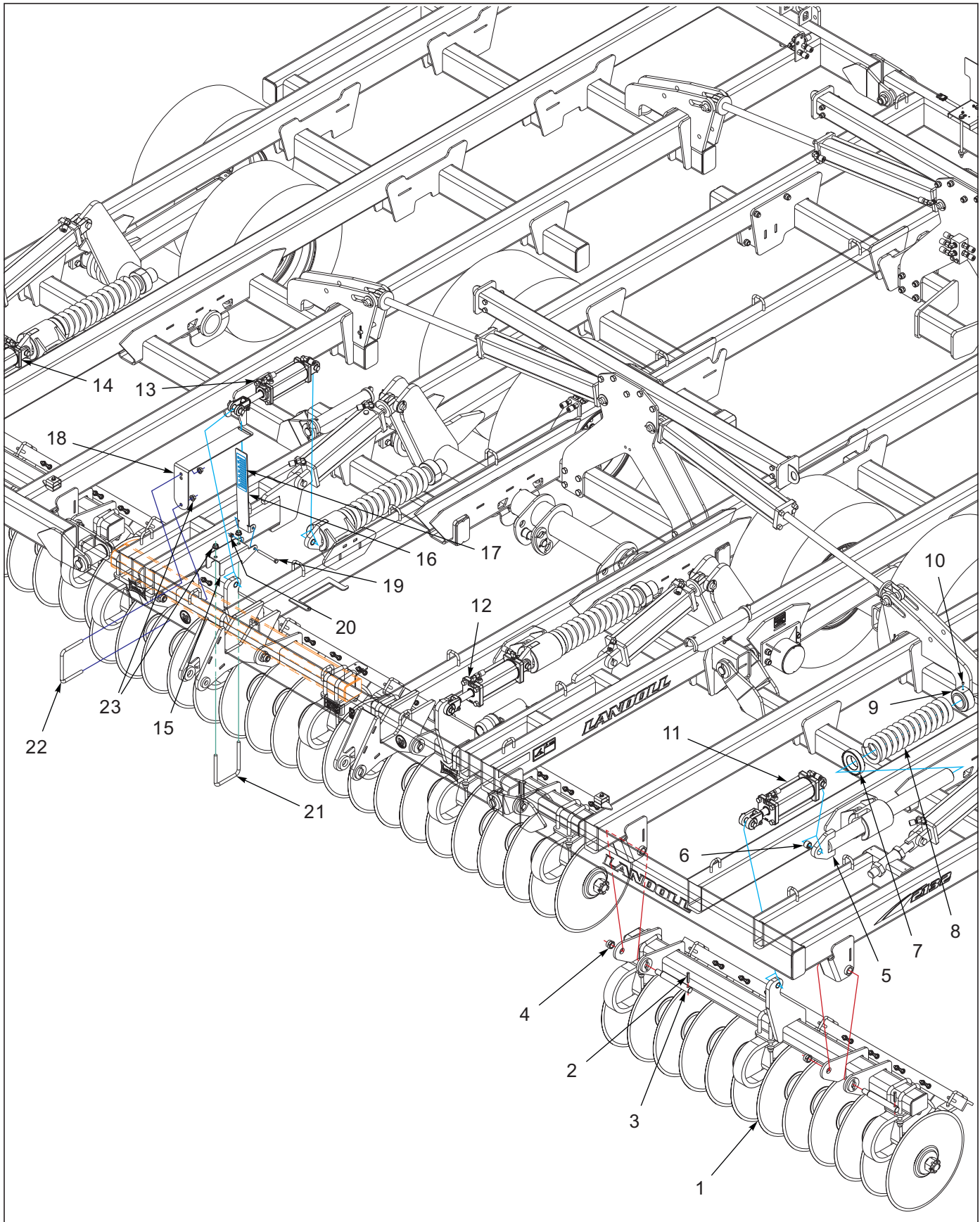


Figure 1-17: Coulter Gang To Frame Assembly

Coulter Gang To Frame Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	--	COULTER GANG ASSEMBLY (SEE PAGE 1-37)	
2	144115	PIN, GROOVED ALLOY 1/2X2-1/4	8
3	144457	PIN, SHANK	6
4	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	6
5	225180	SPRING ROD, COULTER WLDMT (BEFORE 12-01-2023)	4
5	237407	SPRING ROD, DISC GANG (AFTER 12-01-2023)	4
6	192890	BUSHING 1-3/8ODX1 IDX1 STEEL	4
7	144449	WASHER, SPRING ROD	4
8	156383	SPRING, COMPRESSION (BEFORE 12-01-2023)	4
8	144461	SPRING, COIL COMPRESSION (AFTER 12-01-2023)	4
9	145196	THREADED CAP, COULTER SPRING	4
10	122709	SCREW,SET,HXSKTCPPT 3/8-16X1/2	4
11	145201	CYLINDER 4 X 8 REPHASE (SEE PAGE 1-54)	1
12	145202	CYLINDER 3-3/4 X 8 REPHASE (SEE PAGE 1-56)	1
13	145203	CYLINDER 3-1/2 X 8 REPHASE (SEE PAGE 1-58)	1
14	145204	CYLINDER 3-1/4 X 8 REPHASE (SEE PAGE 1-60)	1
15	157011	MOUNT, DEPTH GAUGE	1
16	150266	GAUGE, DEPTH INDICATOR	1
17	2-573-010336	DECAL, DEPTH GAUGE	1
18	157012	GUIDE, DEPTH GAUGE	1
19	1-654-010055-15	SCR, HX CP, 1/2-13UNCX5 GR5	1
20	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	1
21	141269	U-BOLT, WING STABILIZER	1
22	158279	U-BOLT, 5/8X7-11/16X5-1/2	1
23	100827	NUT,FLG HD,SERRATED,5/8-11	4

ILLUSTRATED PARTS LIST

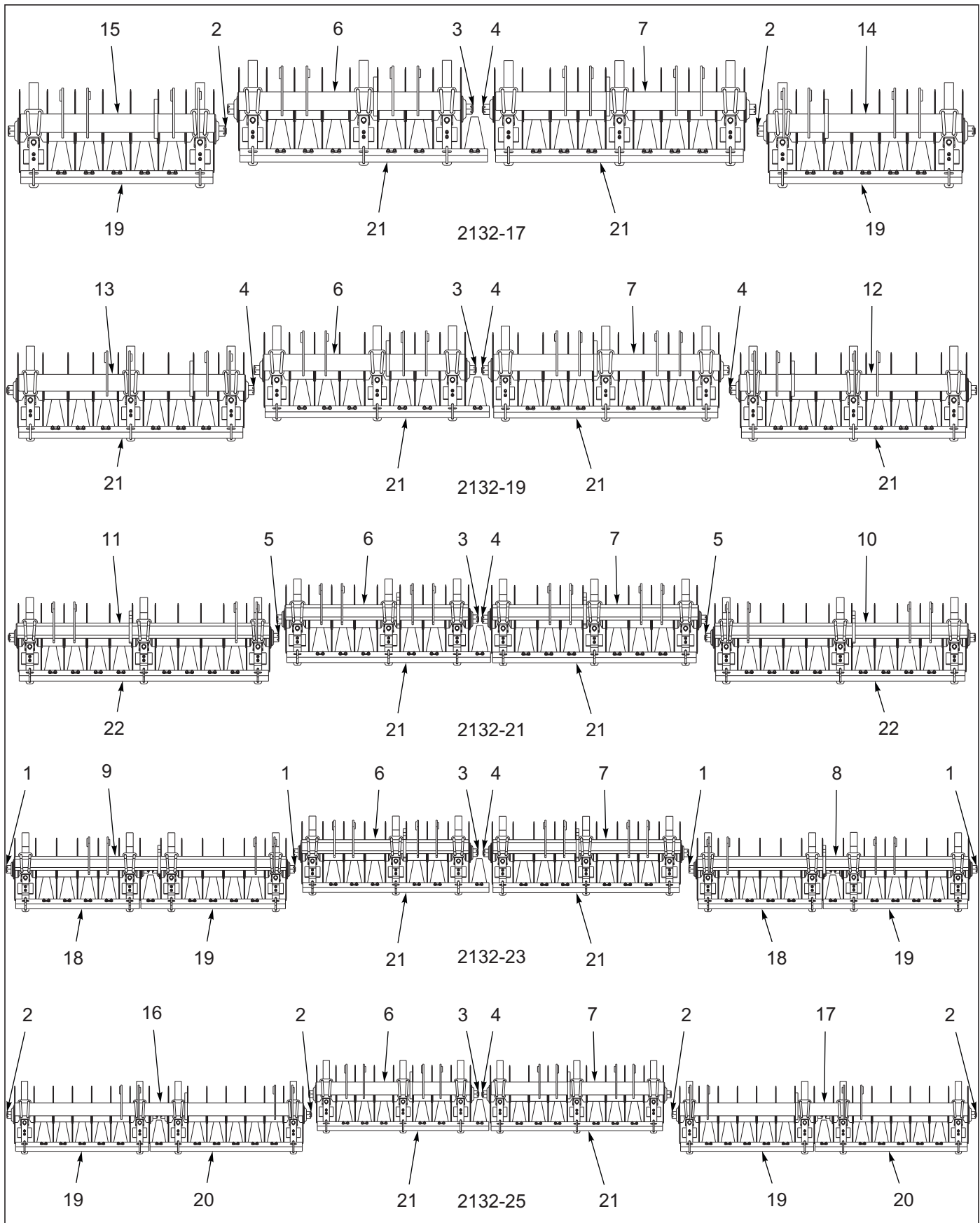


Figure 1-18: Coulter Gang Placement

Coulter Gang Placement

ITEM	PART NO.	DESCRIPTION	QTY.				
--	229872	GANG ASSY, 2132-17	*				
--	229873	GANG ASSY, 2132-19		*			
--	229874	GANG ASSY, 2132-21			*		
--	229875	GANG ASSY, 2132-23				*	
--	229876	GANG ASSY, 2132-25					*
1	145209	GANG, SHAFT 51-1/2 L	--	--	--	4	--
2	145210	GANG, SHAFT 59 L	2	--	--	--	4
3	145211	GANG, SHAFT 66-1/2 L	1	1	1	1	1
4	145212	GANG, SHAFT 74 L	1	3	1	1	1
5	145214	GANG, SHAFT 89 L	--	--	2	--	--
6	145217	GANGBAR, 60" LEFT WLDMT	1	1	1	1	1
7	145218	GANGBAR, 67-1/2" RIGHT WLDMT	1	1	1	1	1
8	147536	GANGBAR, 97-1/2" RIGHT WLDMT	--	--	--	1	--
9	147537	GANGBAR, 97-1/2" LEFT WLDMT	--	--	--	1	--
10	147538	GANGBAR, 83" RIGHT WLDMT	--	--	1	--	--
11	147539	GANGBAR, 83" LEFT WLDMT	--	--	1	--	--
12	147540	GANGBAR, 67-1/2" RIGHT WLDMT	--	1	--	--	--
13	147541	GANGBAR, 67-1/2" LEFT WLDMT	--	1	--	--	--
14	147542	GANGBAR, 52-1/2" RIGHT WLDMT	1	--	--	--	--
15	147543	GANGBAR, 52-1/2" LEFT WLDMT	1	--	--	--	--
16	148298	GANGBAR, 112 1/2", LEFT	--	--	--	--	1
17	148299	GANGBAR, 112 1/2", RIGHT	--	--	--	--	1
18	145231	SCRAPER BAR, 7-1/2 SP 6 HOLE	--	--	--	2	--
19	145232	SCRAPER BAR, 7-1/2 SP 7 HOLE	2	--	--	2	2
20	145233	SCRAPER BAR, 7-1/2 SP 8 HOLE	--	--	--	--	2
21	145234	SCRAPER BAR, 7-1/2 SP 9 HOLE	2	4	2	2	2
22	145236	SCRAPER BAR, 7-1/2 SP 11 HOLE	--	--	2	--	--

Lift Hydraulic Assemblies

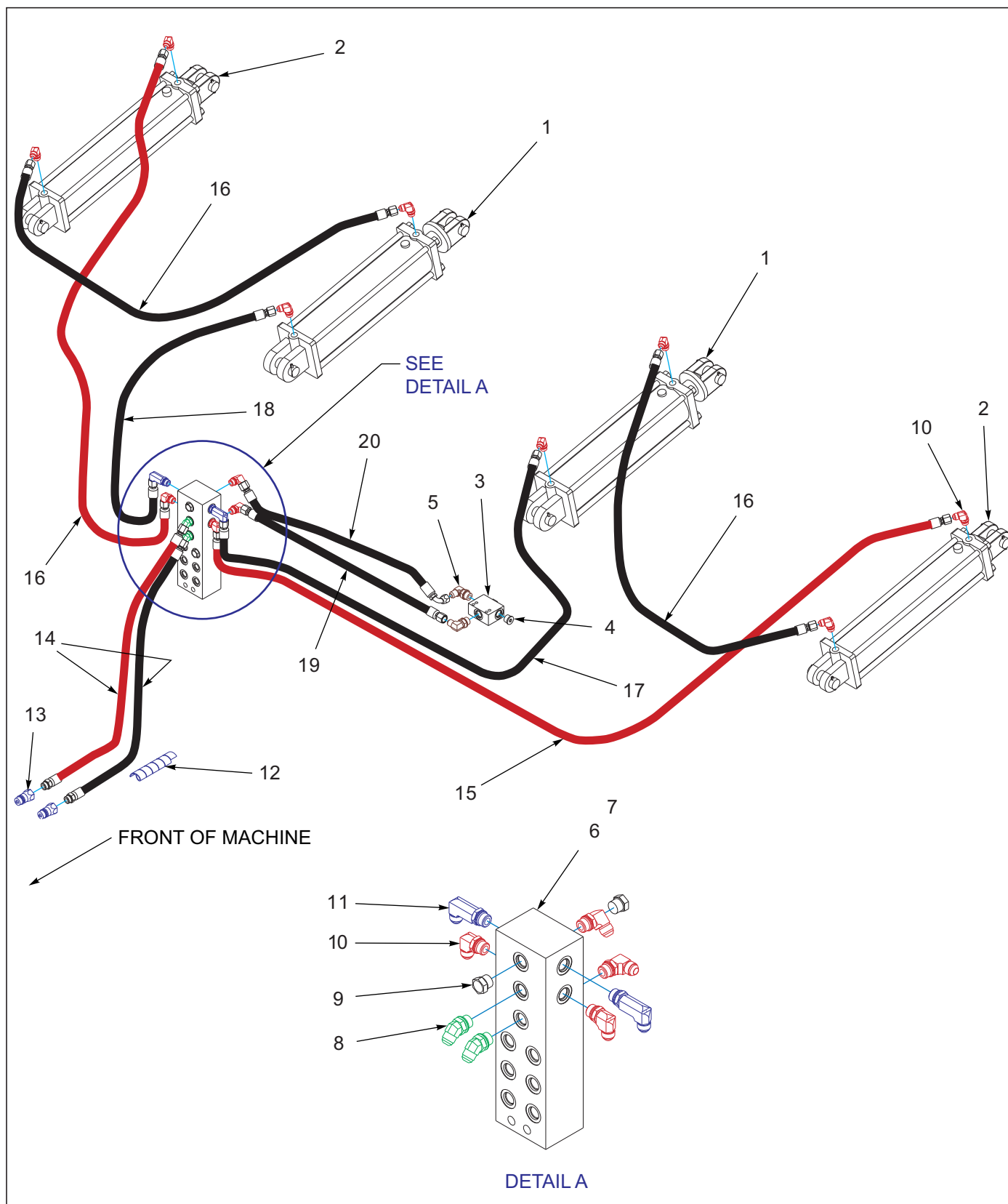


Figure 1-19: Lift Hydraulic Assembly 2132-17-19 Before 01-01-2024 & 21-23-25 Before 10-03-2023

Lift Hydraulic Assembly 2132-17-19 Before 01-01-2024 & 2132-21-23-25 Before 10-03-2023

ITEM	PART NO.	DESCRIPTION	QTY.
1	146824	CYLINDER, 4-1/2 X16, REPHASE (SEE PAGE 1-50)	2
2	146825	CYLINDER, 4X16, REPHASE (SEE PAGE 1-51)	2
3	203467	VALVE-LIMIT, STROKE (BEFORE 02-01-2022)	1
3	239435	VALVE, LIMIT .156 REST (AFTER 02-01-2022)	1
4	143853	PLUG #10 M ORB HEX SOCKET	1
5	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	2
6	229877	MANIFOLD, FRONT 2132 ASSY (INCLUDES FITTINGS)	1
7	229878	MANIFOLD ASSY (NO FITTINGS)	1
8	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	6
9	1-007-010025	PLUG, 3/4-16 O-RING BOSS	6
10	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	10
11	206209-8-8S	ADAPTER,90LONG,#8 O-RING-TUBE	2
12	155528	HOSE WRAP, BLUE 1" ID X 8"	1
13	141828	COUPLER,MALE 3/4-16 O-RING	2
14	5001188	HOSE 1/2X207 37JICX3/4-16ORNG	2
15	117163	HOSE ASSY 3/8X196 #8JIC (2132-17-19) (BEFORE 01-01-2024)	1
15	160693	HOSE ASSY 3/8X222 #8 JIC SWIV (2132-21-23-25) (BEFORE 10-01-2023)	1
16	141889	HOSE ASSY 3/8X159 #8JIC SWIV (2132-17-19) (BEFORE 01-01-2024)	3
16	150273	HOSE ASSY 3/8X185 #8JIC SWIVL (2132-21-23-25) (BEFORE 10-01-2023)	3
17	211328	HOSE ASSY,3/8X108,8FJS ENDS	1
18	209436	HOSE ASSY, 3/8X76,-8FJX,-8FJX	1
19	1-397-010301030	HOSE ASSY 1/2X30 SAE37,STR	1
20	125872	HOSE ASSY 1/2X31 SAE37 STR-90	1

ILLUSTRATED PARTS LIST

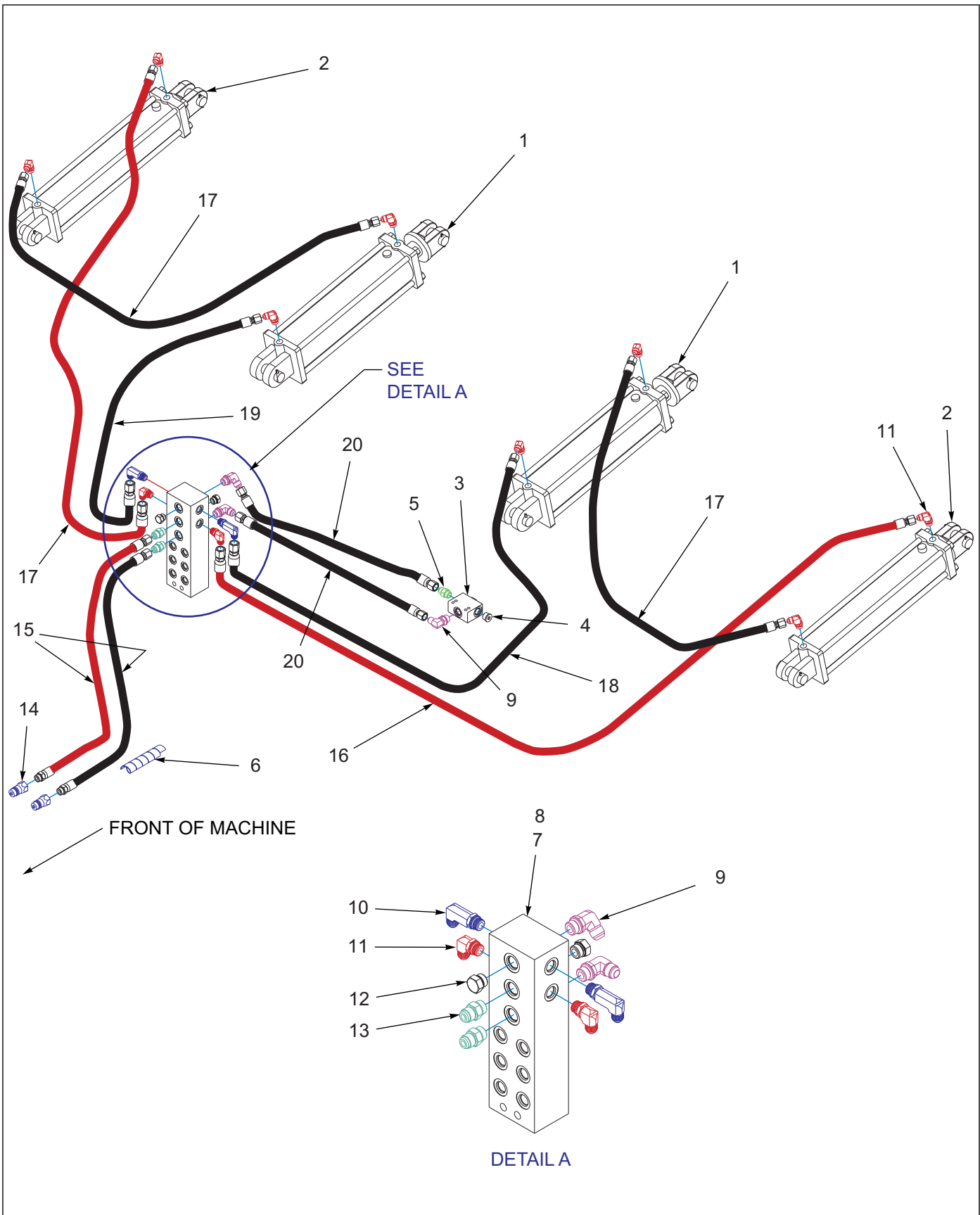


Figure 1-20: Lift Hydraulic Assembly 2132-17-19 After 01-01-2024 & 21-23-25 After 10-03-2023

Lift Hydraulic Assembly 2132-17-19 After 01-01-2024 & 2132-21-23-25 After 10-03-2023

ITEM	PART NO.	DESCRIPTION	QTY.
1	146824	CYLINDER, 4-1/2 X16, REPHASE (SEE PAGE 1-50)	2
2	146825	CYLINDER, 4X16, REPHASE (SEE PAGE 1-51)	2
3	239435	VALVE, LIMIT .156 REST	1
4	143853	PLUG #10 M ORB HEX SOCKET	1
5	137486	ADAPTER #10 O-RING TO #10 JIC	1
6	155528	HOSE WRAP, BLUE 1" ID X 8"	1
7	246778	MANIFOLD, FRONT 2132-5/8 HOSE (INCLUDES FITTINGS)	1
8	243199	MANIFOLD ASSY (NO FITTINGS)	1
9	124511	ADAPTER 90 #10 O-RINGX#10JIC	3
10	206209-8-8S	ADAPTER,90LONG,#8 O-RING-TUBE	2
11	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	10
12	900598-10S	PLUG, O-RING BOSS #10	2
13	137486	ADAPTER #10 O-RING TO #10 JIC	2
14	163513	COUPLER PIONEER MALE 8010-16P	2
15	243131	HOSE ASSY 5/8X206, 10JICX10MOR	2
16	123549	HOSEASSY,1/2X188,SAE37,STRSTR (2132-17-19) (AFTER 01-01-2024)	1
16	1-397-010301220	HOSE ASSY,1/2X220, SAE 37 (2132-21-23-25)	1
17	1-397-010301160	HOSE ASSY, 1/2X160 SAE 37 STR (AFTER 01-01-2024)	3
17	123549	HOSEASSY,1/2X188,SAE37,STRSTR (2132-21-23-25)	3
18	1-397-010301108	HOSE ASSY,1/2X108,SAE37 STR	1
19	1-397-010301076	HOSE ASSY,1/2X76,SAE 37,STR	1
20	243197	HOSE ASSY, 5/8X32 #10 STR JIC	2

Fold Assemblies

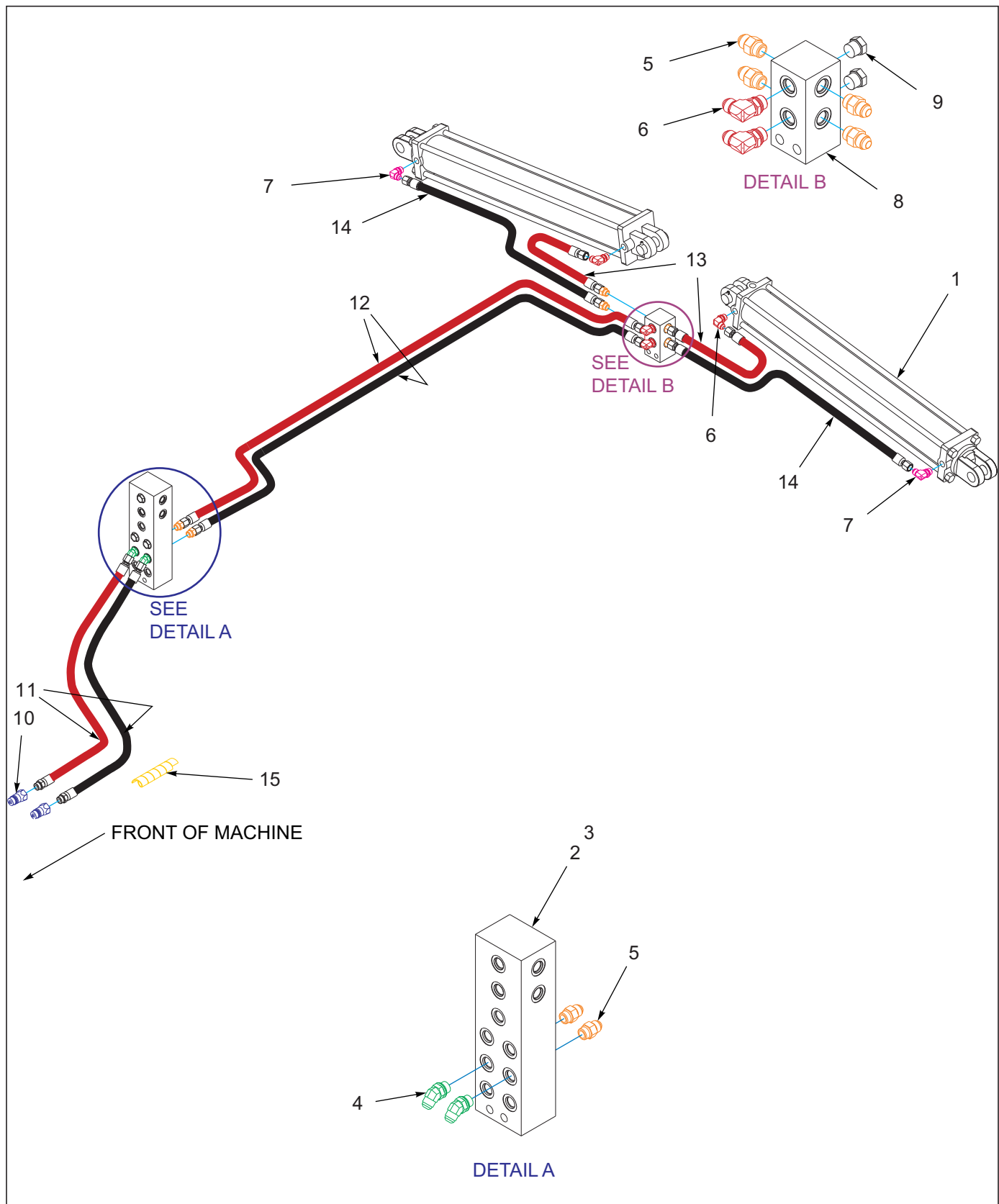


Figure 1-21: Fold Assembly 2132-17-19

Fold Assembly 2132-17-19

ITEM	PART NO.	DESCRIPTION	QTY.
1	140472	CYLINDER, 4 X 30, 1-1/2 ROD (SEE PAGE 1-52 OR SEE PAGE 1-53)	2
2	229877	MANIFOLD, FRONT 2132 ASSY (BEFORE 01-01-2024) (INCLUDES FITTINGS)	1
2	246778	MANIFOLD, FRONT 2132-5/8 HOSE (AFTER 01-01-2024) (INCLUDES FITTINGS)	1
3	229878	MANIFOLD ASSY (BEFORE 01-01-2024) (NO FITTINGS)	1
3	243199	MANIFOLD ASSY (AFTER 01-01-2024 (NO FITTINGS)	1
4	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	2
5	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	6
6	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	4
7	141826	ELBOW 90 1/16 RES (ROD END ONLY)	2
8	2-474-010022	MANIFOLD HYDRAULIC, 6 HOSE	1
9	1-007-010025	PLUG, 3/4-16 O-RING BOSS	2
10	141828	COUPLER,MALE 3/4-16 O-RING	2
11	141865	HOSE ASSY 3/8X204 #8JICX#8 O/R	2
12	211327	HOSE ASSY,3/8X218,8FJS ENDS	2
13	147123	HOSE ASSY, 3/8X31 #8 JIC SWV	2
14	186903	HOSE ASM,3/8 X 44,8FJS ENDS	2
15	155529	HOSE WRAP, YELLOW 1" ID X 8"	1

ILLUSTRATED PARTS LIST

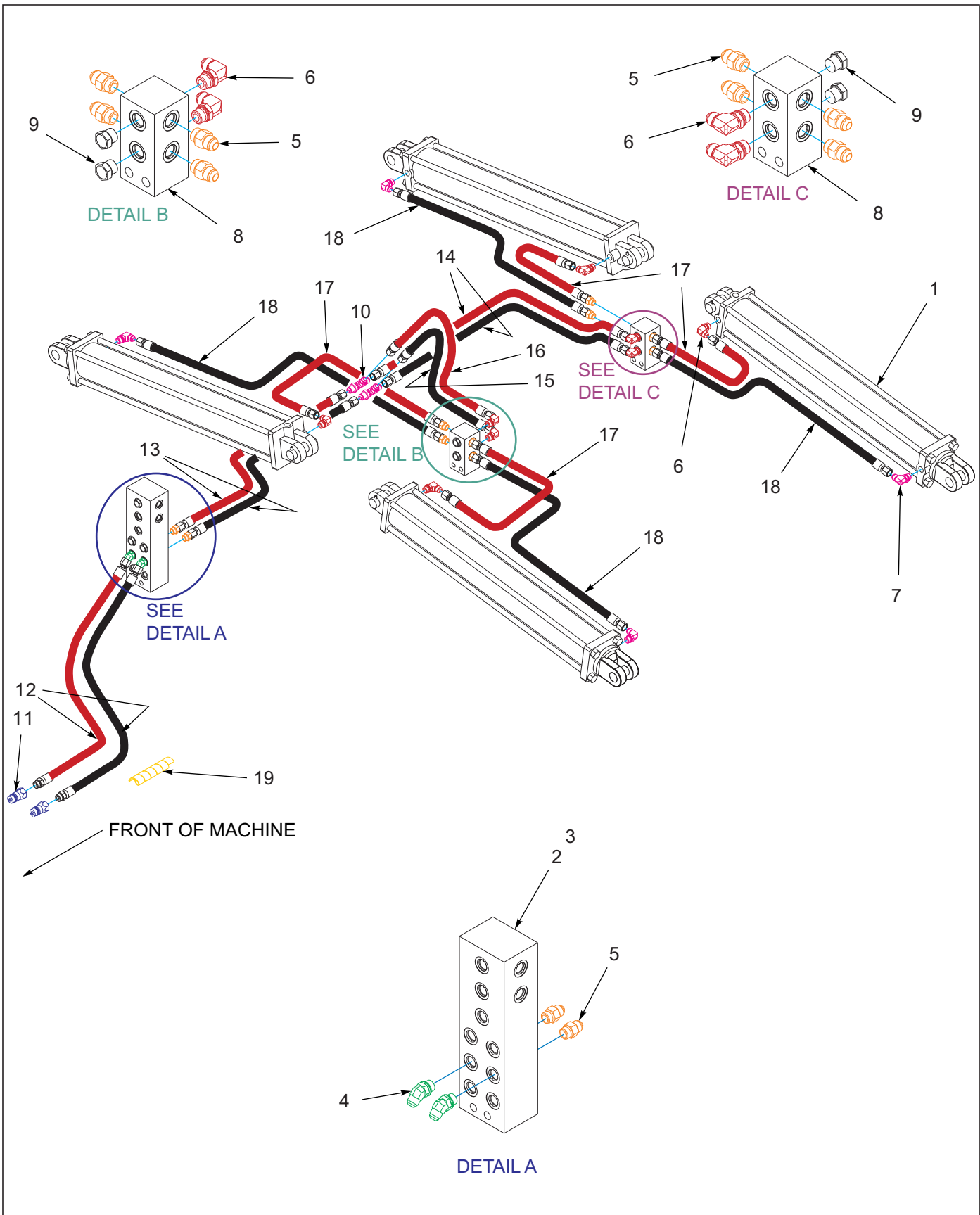


Figure 1-22: Fold Hydraulic Assembly 2132-21-23-25

Fold Hydraulic Assembly 2132-21-23-25

ITEM	PART NO.	DESCRIPTION	QTY.
1	140472	CYLINDER, 4 X 30, 1-1/2 ROD (SEE PAGE 1-52 OR SEE PAGE 1-53)	4
2	229877	MANIFOLD, FRONT 2132 ASSY (BEFORE 10-03-2023) (INCLUDES FITTINGS)	1
2	246778	MANIFOLD, FRONT 2132-5/8 HOSE (AFTER 10-03-2023) (INCLUDES FITTINGS)	1
3	229878	MANIFOLD ASSY (BEFORE 10-03-2023) (NO FITTINGS)	1
3	243199	MANIFOLD ASSY (AFTER 10-03-2023)	1
4	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	6
5	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	10
6	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	8
7	141826	ELBOW 90 1/16 RES (ROD END ONLY)	4
8	2-474-010022	MANIFOLD HYDRAULIC, 6 HOSE	2
9	1-007-010025	PLUG, 3/4-16 O-RING BOSS	4
10	1P292	08MJ MALE BULKHEAD RUN TEE	2
11	141828	COUPLER,MALE 3/4-16 O-RING	2
12	141865	HOSE ASSY 3/8X204 #8JICX#8 O/R	2
13	1413183	HOSE ASSY #6 .38X103.25HIPRES	2
14	71509382	HOSE ASSY .38 X 112	2
15	71508954	HOSE ASSY .38X22IN	1
16	147582	HOSE ASSY 3/8X24 #8 JIC SWIV	1
17	147123	HOSE ASSY, 3/8X31 #8 JIC SWV	4
18	186903	HOSE ASM,3/8 X 44,8FJS ENDS	4
19	155529	HOSE WRAP, YELLOW 1" ID X 8"	1

Hydraulic Coultter Gang Assemblies

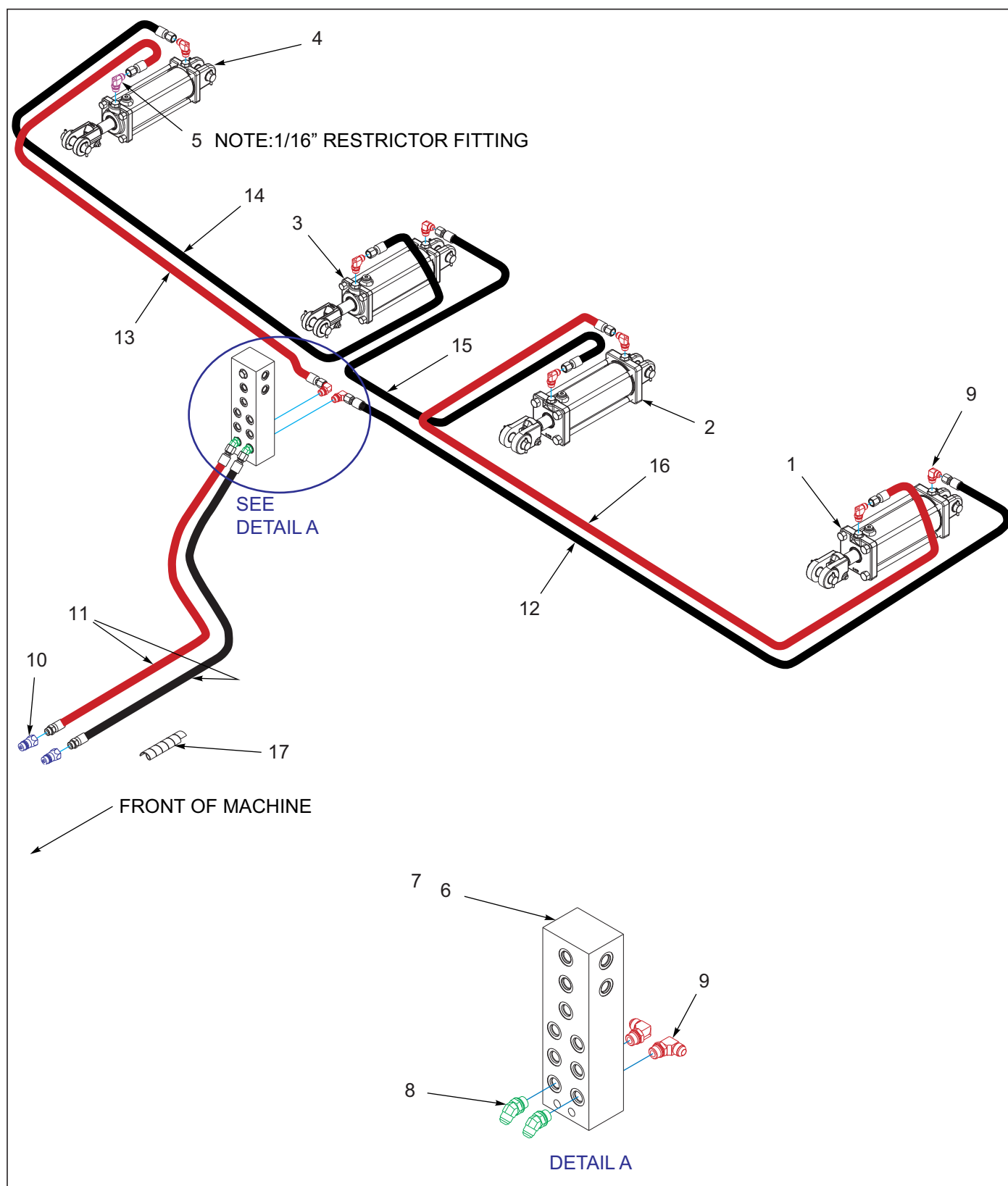
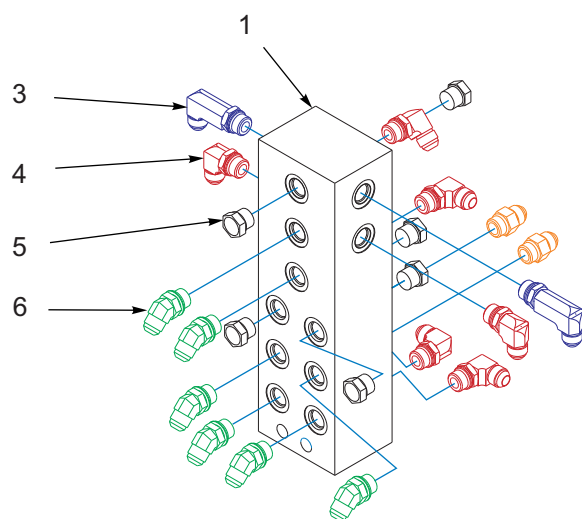


Figure 1-23: Coultter Gang Assembly

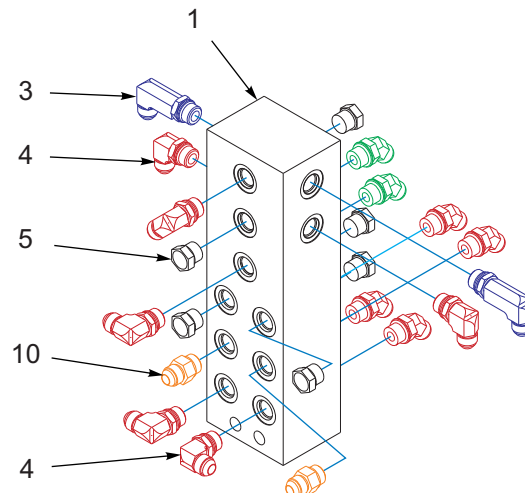
Hydraulic Coulter Gang Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	145201	CYLINDER 4 X 8 REPHASE (SEE PAGE 1-54 OR SEE PAGE 1-55)	1
2	145202	CYLINDER 3-3/4 X 8 REPHASE (SEE PAGE 1-56 OR SEE PAGE 1-57)	1
3	145203	CYLINDER 3-1/2 X 8 REPHASE (SEE PAGE 1-58 OR SEE PAGE 1-59)	1
4	145204	CYLINDER 3-1/4 X 8 REPHASE (SEE PAGE 1-60 OR SEE PAGE 1-61)	1
5	141826	ELBOW 90 1/16 RES	1
6	229877	MANIFOLD ASSY (AFTER 10-03-2023) (INCLUDES FITTINGS) (SEE PAGE 1-49)	1
7	246778	MANIFOLD, FRONT 2132-5/8 HOSE (AFTER 01-01-2024) (NO FITTINGS) (SEE PAGE 1-49)	1
7	243199	MANIFOLD ASSY(NO FITTINGS) (SEE PAGE 1-49)	1
8	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	6
9	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	9
10	141828	COUPLER,MALE 3/4-16 O-RING	2
11	141865	HOSE ASSY 3/8X204 #8JICX#8 O/R	2
12	159569	HOSE ASSY 3/8X161,#8JIC SWVL (2132-17/19)	2
12	141883	HOSE ASSY 3/8X190 #8 JIC SWIV (2132-21/23/25)	1
13	153620	HOSE ASSY 3/8X140 #8 JIC SWIV (2132-17/19)	1
13	122911	HOSE ASSY 3/8X168,#8JIC SWVL (2132-21/23/25)	1
14	122911	HOSE ASSY 3/8X168,#8JIC SWVL (2132-17/19)	1
14	117163	HOSE ASSY 3/8X196 #8JIC(2132-21/23/25)	1
15	137598	HOSE ASSY #6 .38X123.25HIPRES	1
16	194116	HOSE ASM,3/8 X 172,#8FJS (2132-17/19)	1
16	231295	HOSE ASSY, 3/8X200,-8FJX,-8FJX (2132-21/23/25)	1
17	155530	HOSE WRAP, BLACK 1" ID X 8"	1

Manifold Assemblies



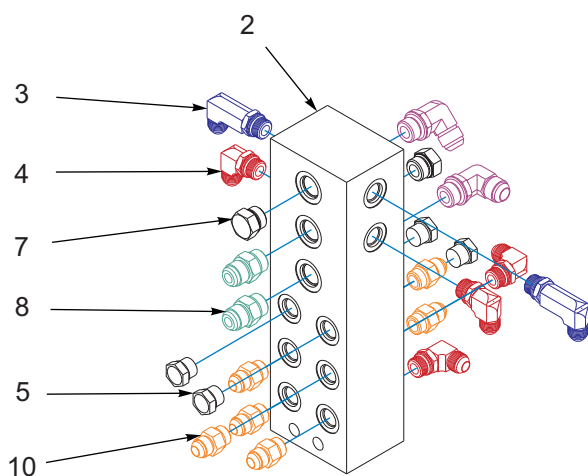
229877 FRONT VIEW



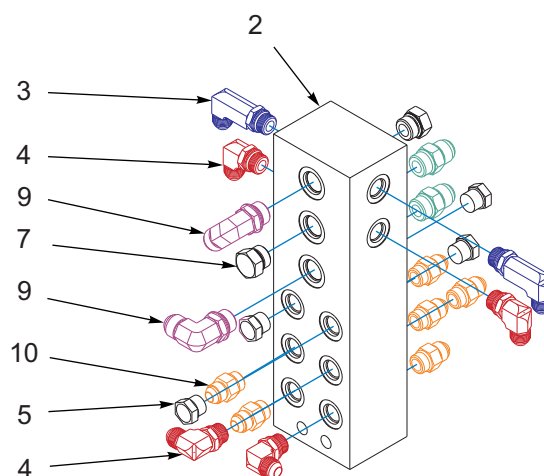
229877 REAR VIEW

2132-17-19 BEFORE 01-01-2024

2132-21-23-25 BEFORE 10-03-2023



246778 FRONT VIEW



246778 REAR VIEW

2132-17-19 AFTER 01-01-2024

2132-21-23-25 AFTER 10-03-2023

Figure 1-24: Manifold Assemblies

Manifold Assemblies

ITEM	PART NO.	DESCRIPTION	QTY.	
--	229877	MANIFOLD, FRONT 2132 ASSY	*	
--	246778	MANIFOLD, FRONT 2132-5/8 HOSE		*
1	229878	MANIFOLD ASSY	1	--
2	243199	MANIFOLD ASSY	--	1
3	206209-8-8S	ADAPTER,90LONG,#8 O-RING-TUBE	2	2
4	2062-8-8S	ADAPTER, 90°, #8 O-RING-TUBE	6	4
5	1-007-010025	PLUG, 3/4-16 O-RING BOSS	6	4
6	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	6	--
7	900598-10S	PLUG, O-RING BOSS #10	--	2
8	137486	ADAPTER #10 O-RING TO #10 JIC	--	2
9	124511	ADAPTER 90 #10 O-RINGX#10JIC	--	2
10	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	2	6

Cylinder Assemblies

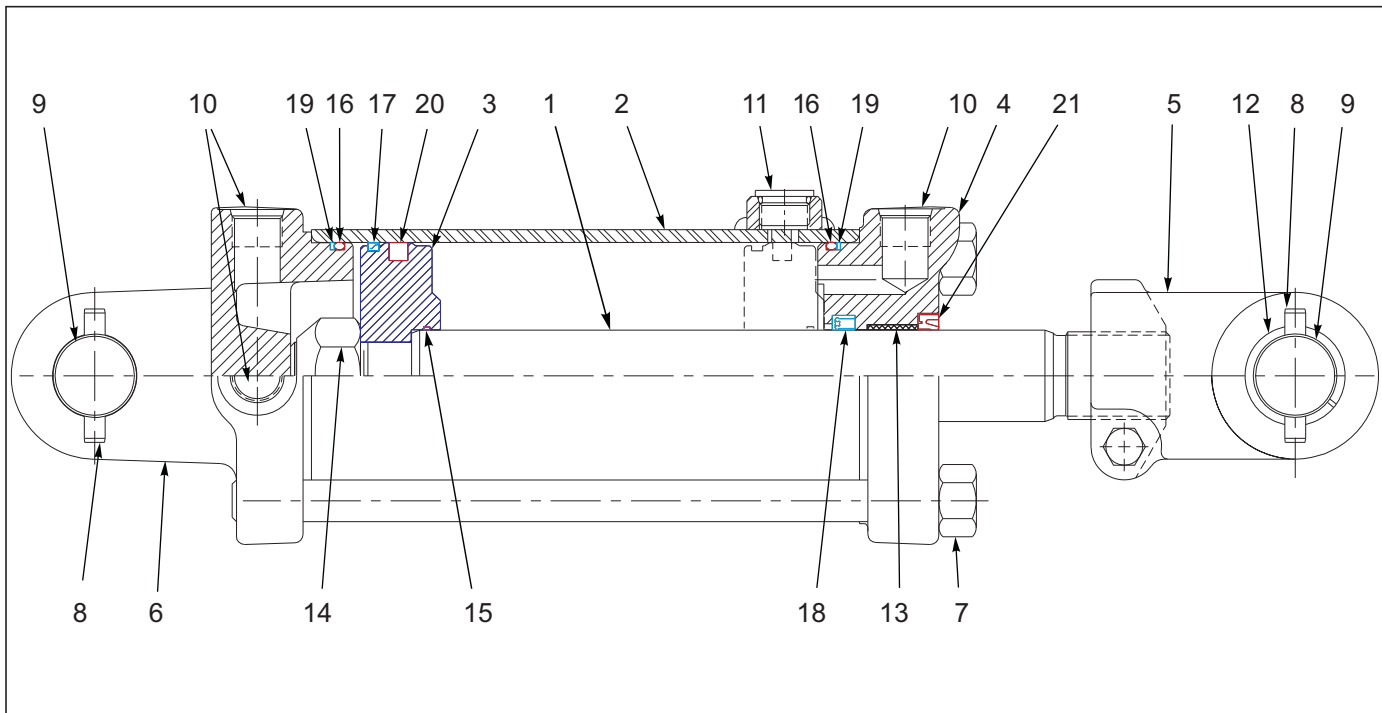


Figure 1-25: Cylinder - Rephase Assembly - 4 X 16

Cylinder - Rephase Assembly - 4-1/2 X 16

ITEM	PART NO.	DESCRIPTION	QTY.
--	146824	CYLINDER, 4-1/2 X16, REPHASE	
1	----	PISTON ROD	1
2	----	TUBE ASSY	1
3	----	PISTON	4
4	103153	GLAND ASSY	1
5	137304	CLEVIS ASSY	1
6	148104	BUTT CLEVIS	1
7	----	TIEROD ASSY	4
8	111789	ROLL PIN	4
9	147755	CLEVIS PIN	2
10	----	PORT PLUG	3
11	----	PORT PLUG	1
12	135912	BUSHING	2
13	137702	DU BUSHING	1
14	----	LOCKNUT	1
15	----	O-RING	1
16	----	O-RING	2
17	----	BEARING RING	1
18	----	U-CUP	1
19	----	BU-WASHER	2
20	----	TEFLON SEAL	1
21	----	WIPER	1
22	148106	SEAL KIT (NOT SHOWN) (INCLUDES ITEMS 15 - 21)	

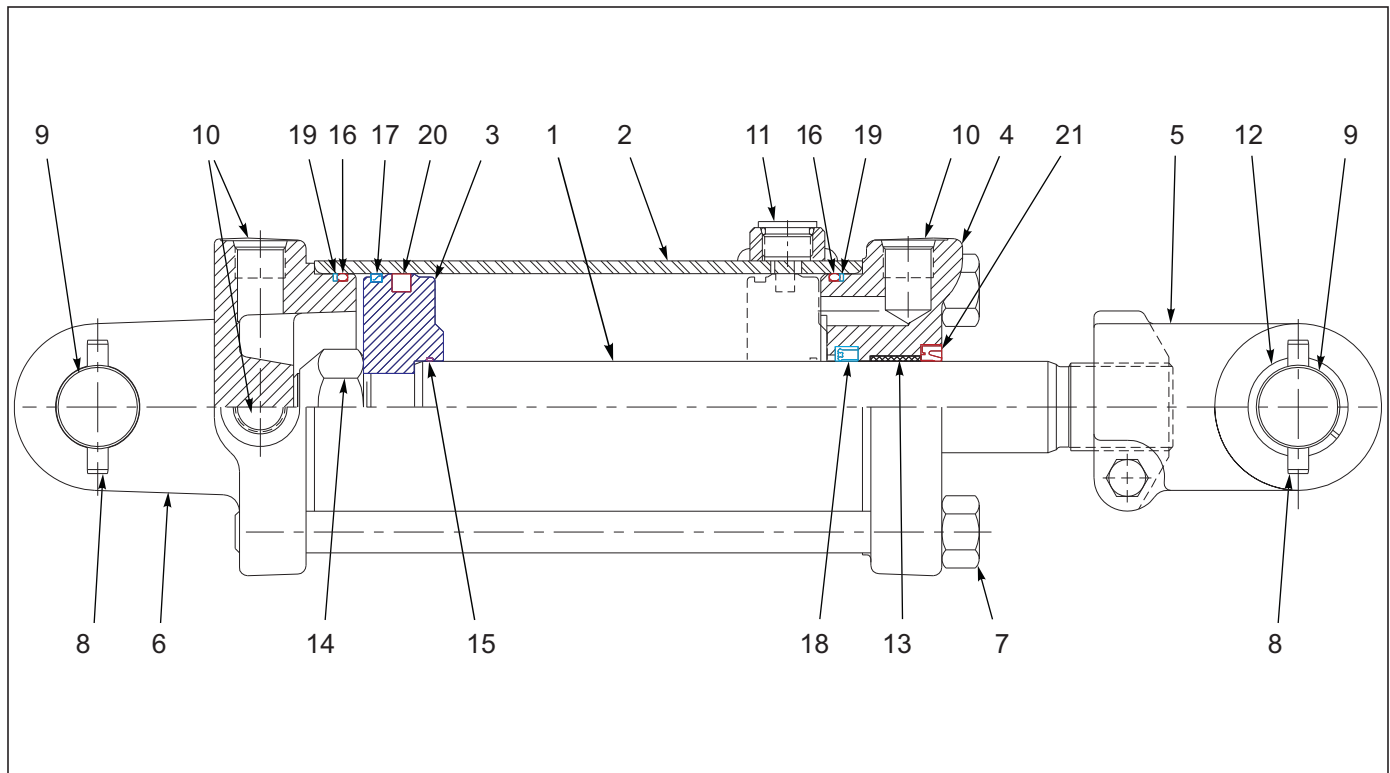


Figure 1-26: Cylinder - Rephase Assembly - 4 X 16

Cylinder - Rephase Assembly - 4 X 16

ITEM	PART NO.	DESCRIPTION	QTY.
--	146825	CYLINDER, 4X16, REPHASE	
1	----	PISTON ROD	1
2	----	TUBE ASSY	1
3	----	PISTON	1
4	142109	GLAND ASSY	1
5	148097	CLEVIS ASSY	1
6	142119	BUTT CLEVIS	1
7	----	TIEROD ASSY	4
8	111789	ROLL PIN	4
9	147755	CLEVIS PIN	2
10	----	PORT PLUG	3
11	----	PORT PLUG	1
12	135912	BUSHING	2
13	141301	DU BUSHING	1
14	----	LOCKNUT	1
15	----	O-RING	1
16	----	O-RING	2
17	----	BEARING RING	1
18	----	U-CUP	1
19	----	BU-WASHER	2
20	----	TEFLON SEAL	1
21	----	WIPER	1
22	148100	SEAL KIT (NOT SHOWN) (INCLUDES ITEMS 15 - 21)	

ILLUSTRATED PARTS LIST

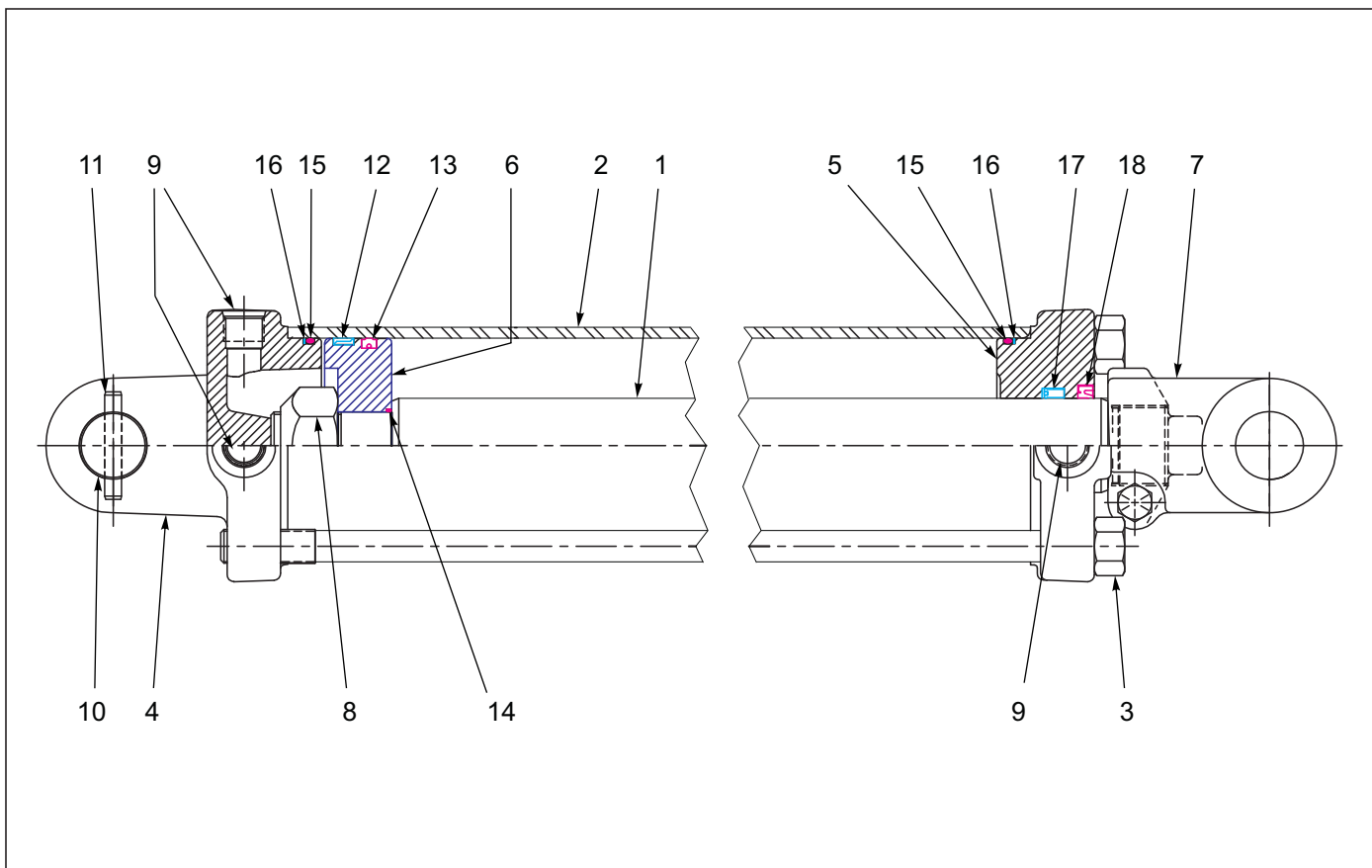


Figure 1-27: Hydraulic Cylinder 4 X 30 (Prince)

Hydraulic Cylinder 4 X 30 (Prince)

ITEM	PART NO.	DESCRIPTION	QTY.
--	140472	CYLINDER 4X30 1-1/2 ROD	
1	----	PISTON ROD	1
2	----	TUBE	1
3	----	TIEROD ASSY	4
4	142119	BUTT CLEVIS ASSY	1
5	142120	GLAND	1
6	----	PISTON	1
7	100000328	CLEVIS ASSY	1
8	----	LOCKNUT	1
9	----	SHIPPING PLUG	3
10	111880	CLEVIS PIN	1
11	111789	ROLL PIN	2
12	----	BEARING RING	1
13	----	CROWN SEAL	1
14	----	O- RING	1
15	----	O- RING	2
16	----	BU- WASHER	2
17	----	U- CUP	1
18	----	CANNED WIPER	1
19	142113	PACKING KIT (NOT SHOWN) (INCLUDES ITEMS 12-18)	

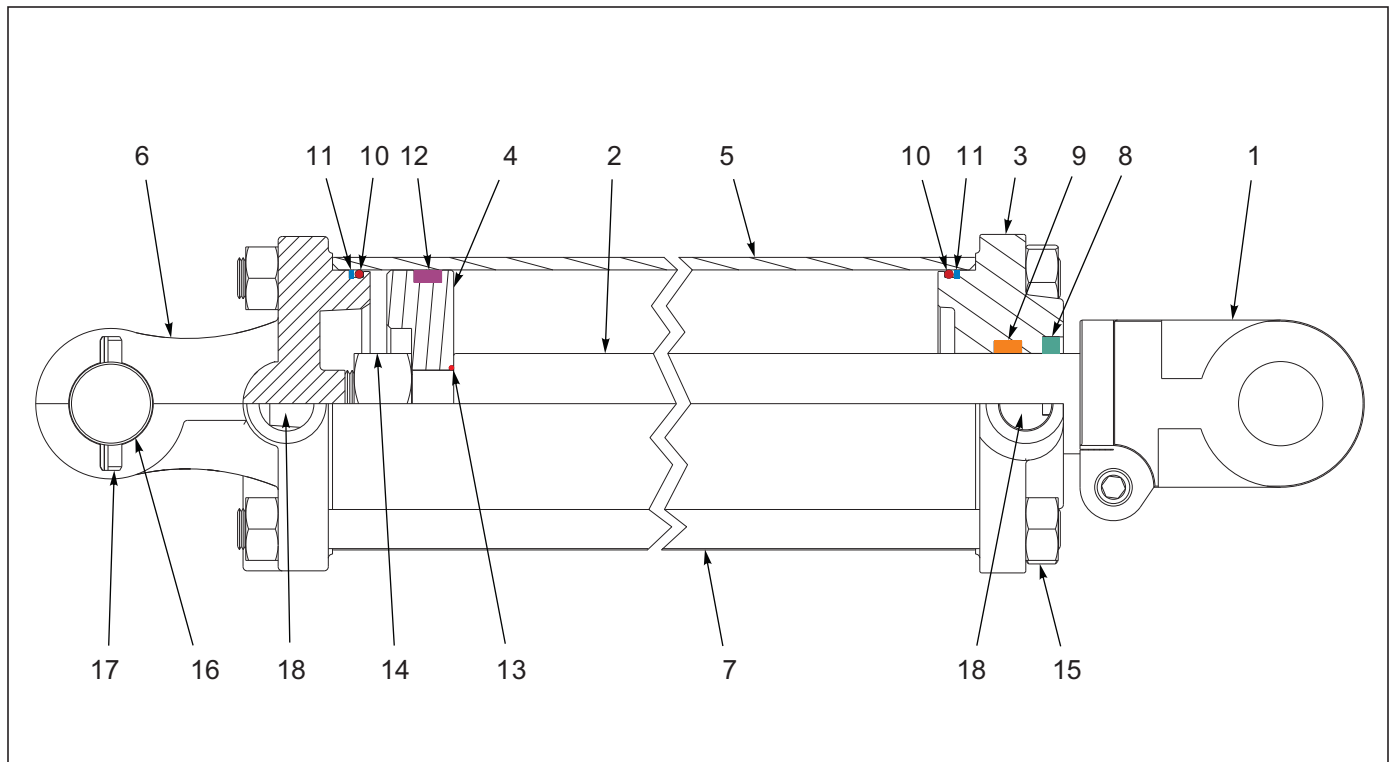


Figure 1-28: Hydraulic Cylinder 4 X 30 (Midway)

Hydraulic Cylinder 4 X 30 (Midway)

ITEM	PART NO.	DESCRIPTION	QTY.
--	140472M	CYLINDER, 4 X 30, 1-1/2 ROD	
1	226605	ROD CLEVIS, ϕ 1-1/4 PIN, MIDWAY	1
2	----	ROD	1
3	234423	GLAND, 4" BORE, MIDWAY	1
4	----	PISTON	1
5	----	TUBE	1
6	234422	BUTT CLEVIS, 4" BORE, MIDWAY	1
7	----	TIEROD	4
8	----	WIPER	1
9	----	U- CUP	1
10	----	OD O- RING	2
11	----	OD BACKUP	2
12	----	CROWN SEAL	1
13	----	O- RING	1
14	----	PISTON NUT	1
15	----	TIEROD NUT	8
16	226589	CLEVIS PIN, 1-1/4 HARDEN, MIDWAY	1
17	147072	PIN, SPRING SLOTTED 5/16 X 2	1
18	----	HEX PLUG	2
19	234424	PACKING KIT, 4" BORE, MIDWAY (NOT SHOWN) (INCLUDES ITEMS 8-13)	

ILLUSTRATED PARTS LIST

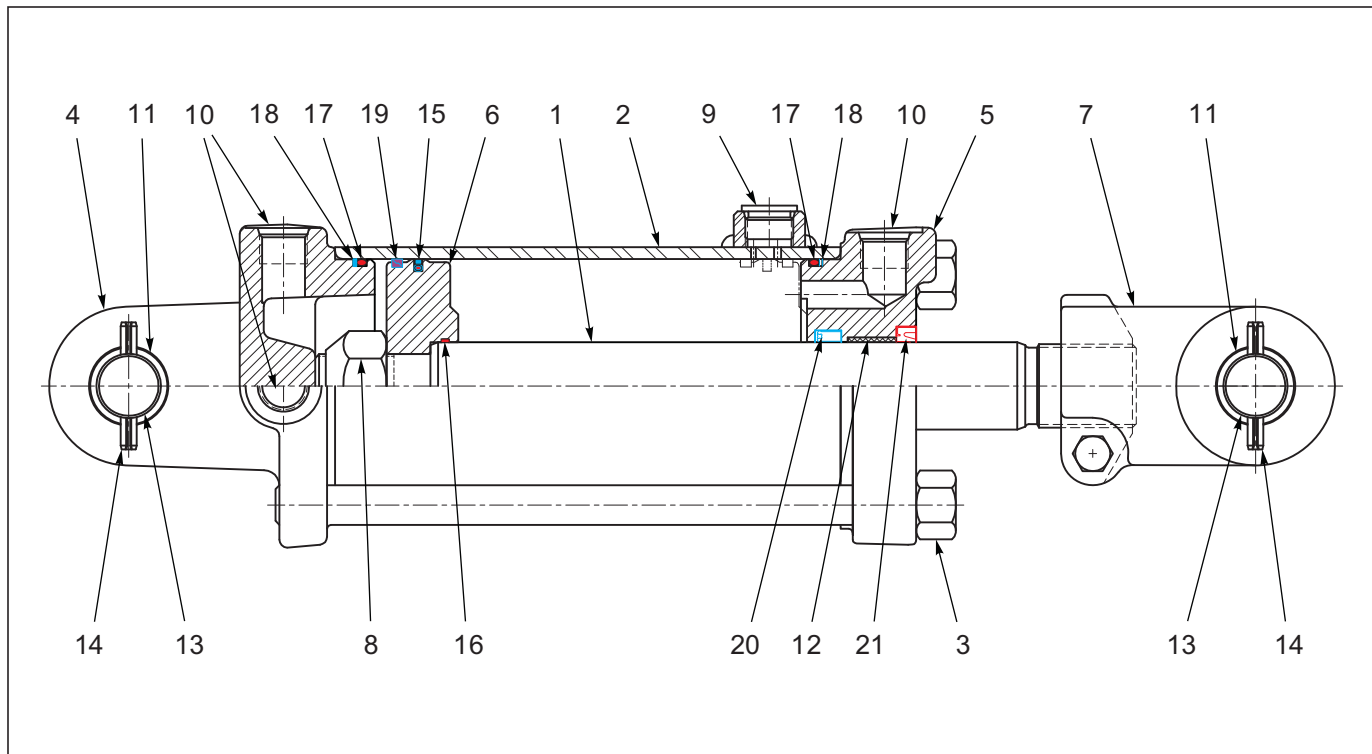


Figure 1-29: Cylinder - Rephase Assembly 4 X 8

Cylinder - Rephase Assembly 4 X 8 (Prince)

ITEM	PART NO.	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)	

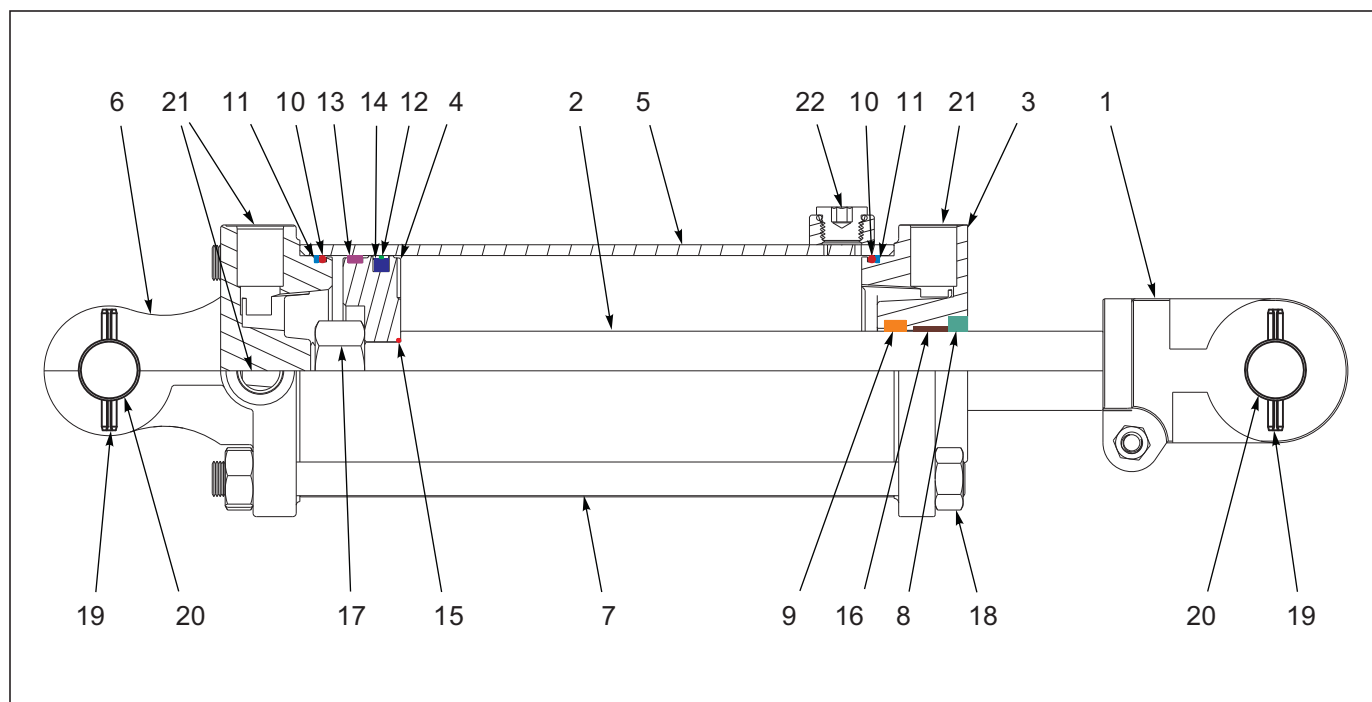


Figure 1-30: Cylinder - Rephase Assembly 4 X 8

Cylinder - Rephase Assembly 4 X 8 (Midway)

ITEM	PART NO.	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)	

ILLUSTRATED PARTS LIST

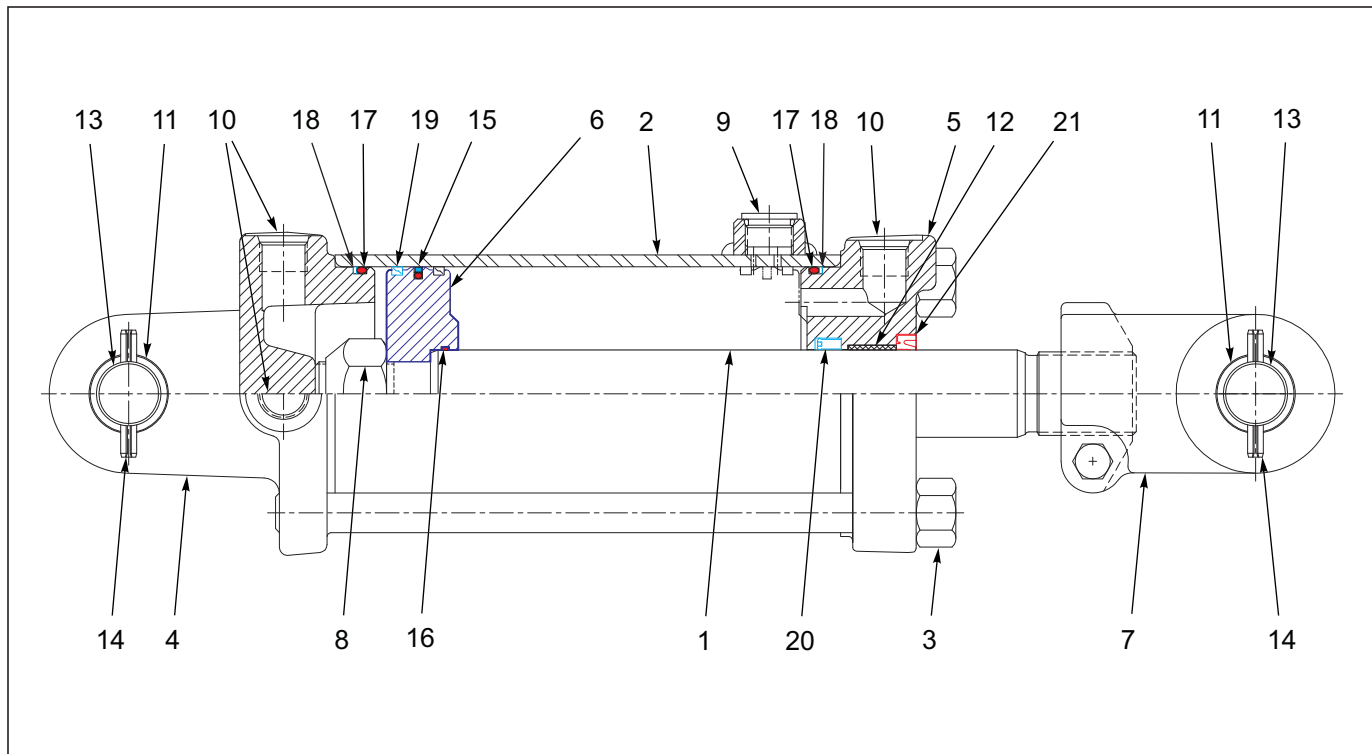


Figure 1-31: Cylinder - Rephase Assembly 3-3/4 X 8

Cylinder - Rephase Assembly 3-3/4 X 8 (Prince)

ITEM	PART NO.	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)	

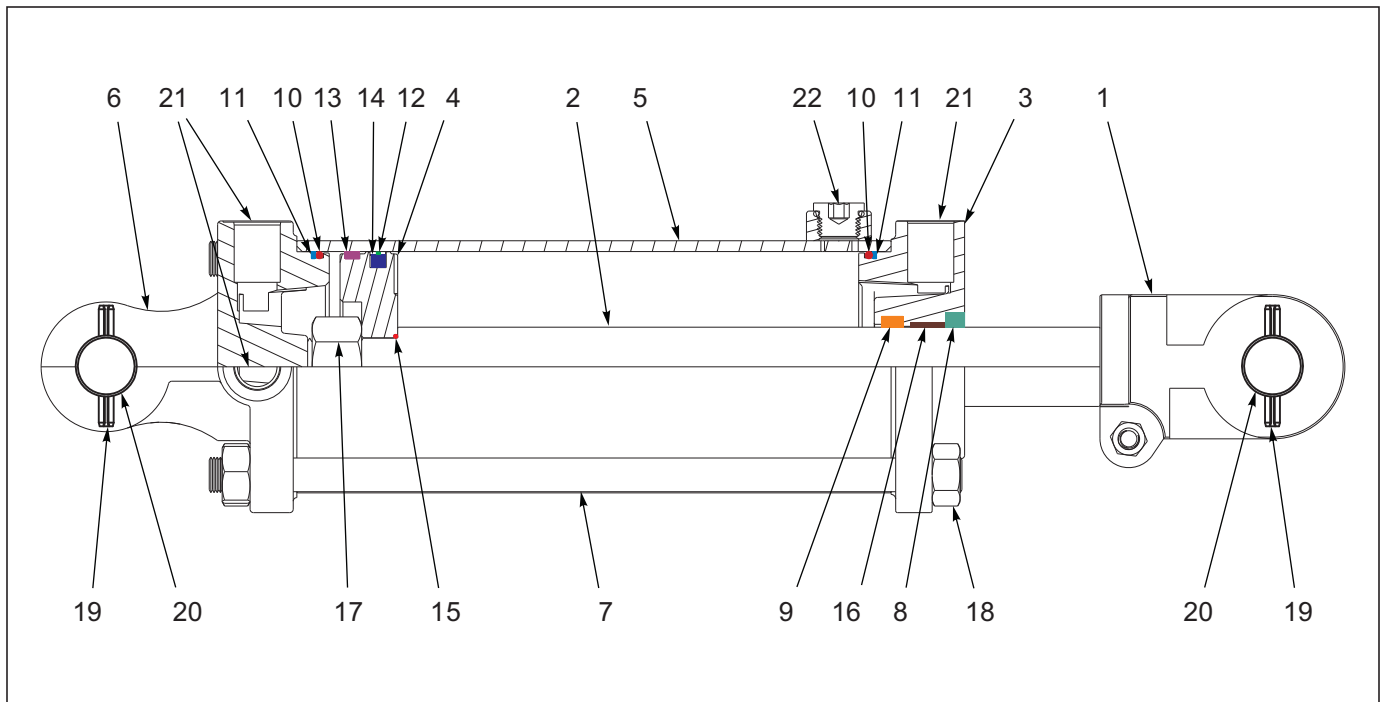


Figure 1-32: Cylinder - Rephase Assembly 3-3/4 X 8

Cylinder - Rephase Assembly 3-3/4 X 8 (Midway)

ITEM	PART NO.	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 8-14)	

ILLUSTRATED PARTS LIST

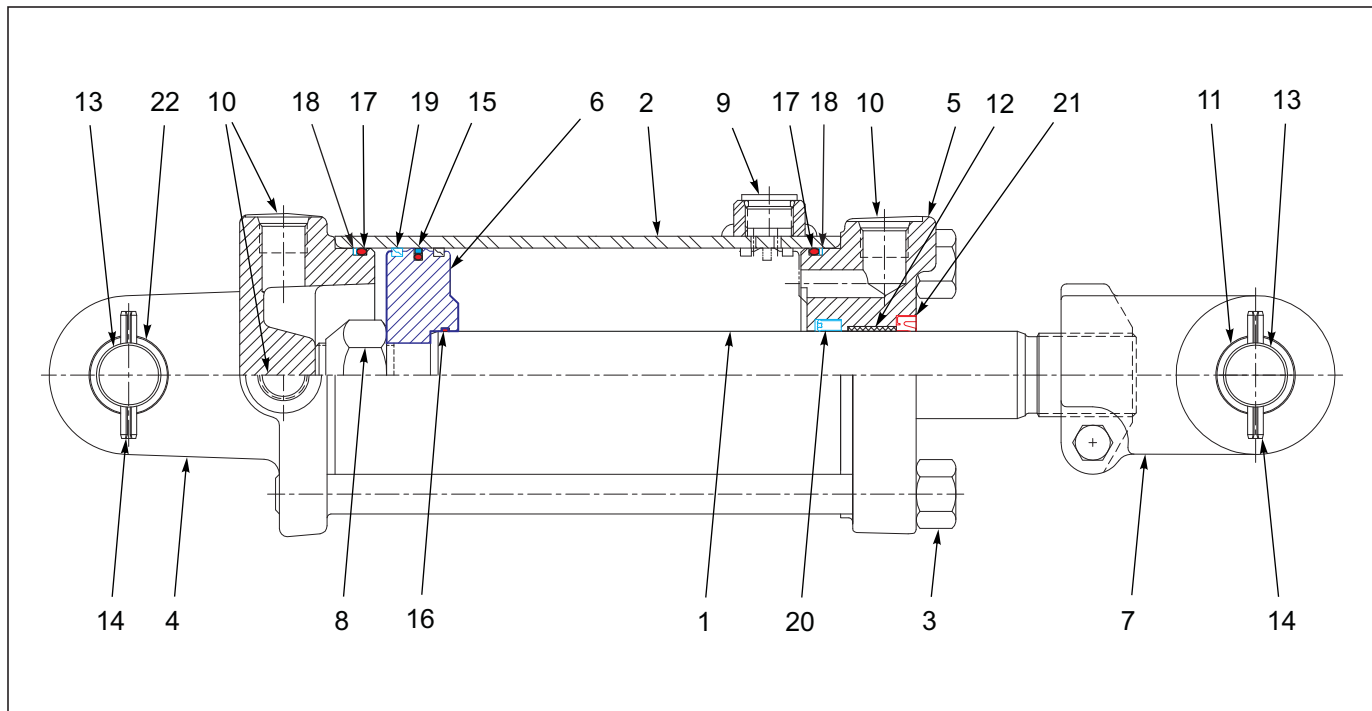


Figure 1-33: Cylinder - Rephase Assembly - 3-1/2 X 8

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

ITEM	PART NO.	DESCRIPTION	QTY.
--	145203	CYLINDER 3-1/2 X 8 REPHASE	
1	----	ROD, PISTON	1
2	----	TUBE ASSEMBLY	1
3	----	TIEROD ASSEMBLY	4
4	218643	BUTT CLEVIS ASSEMBLY	1
5	148085	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	148089	PACKING KIT (NOT SHOWN) (INCLUDES ITEMS 15-21)	

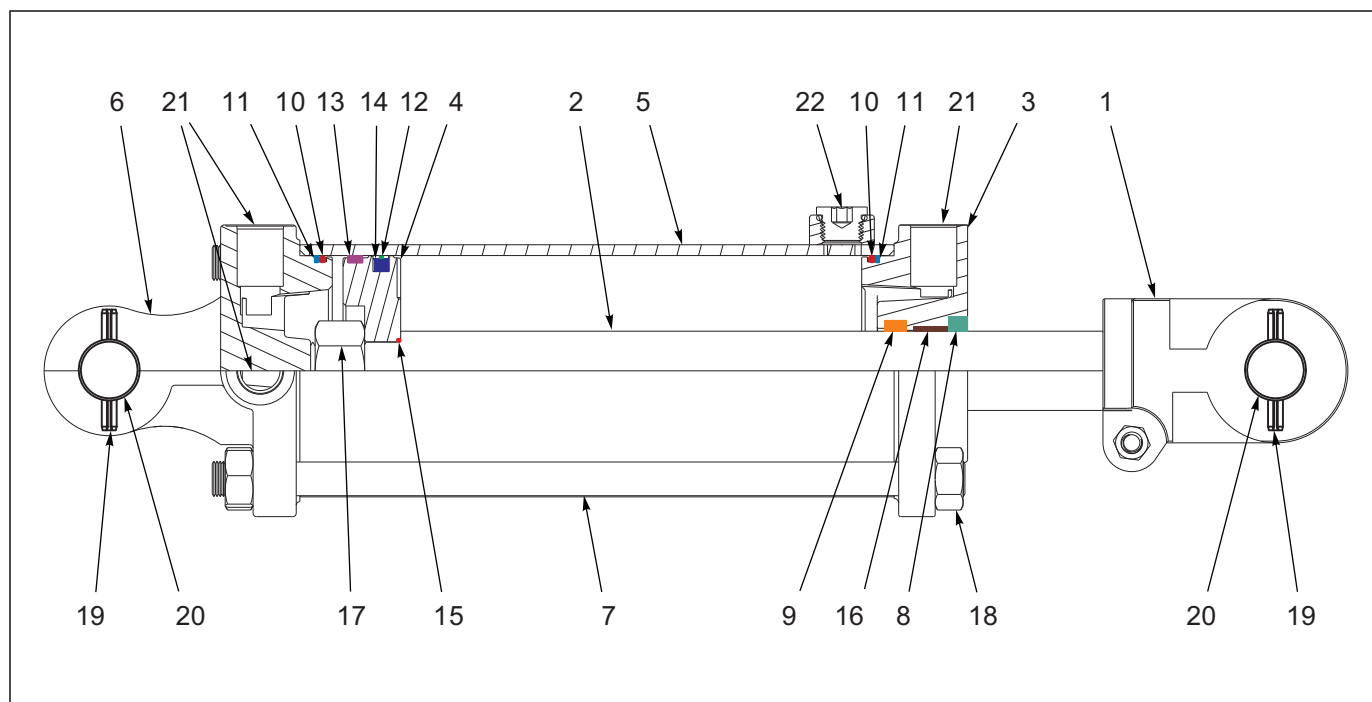


Figure 1-34: Cylinder - Rephase Assembly 3-1/2 X 8

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

ITEM	PART NO.	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 8-14)	

ILLUSTRATED PARTS LIST

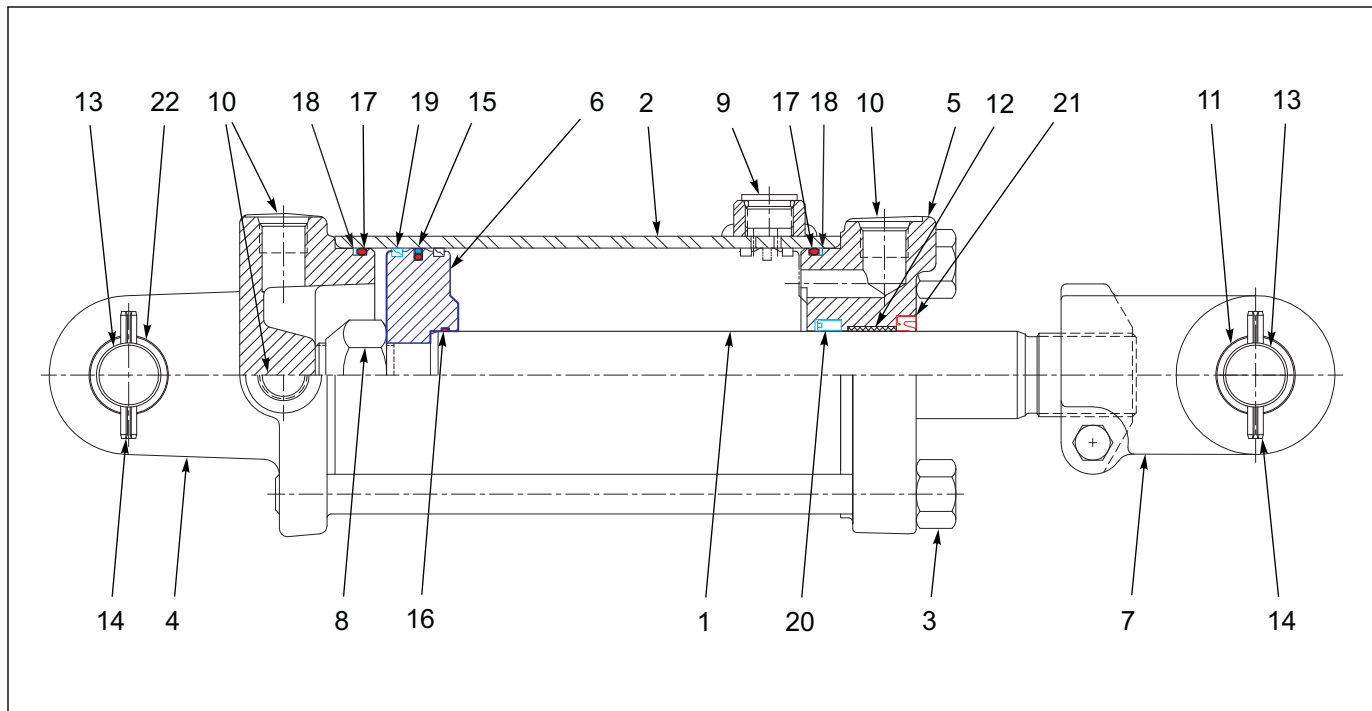


Figure 1-35: Cylinder - Rephase Assembly - 3-1/4 X 8

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

ITEM	PART NO.	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	148094	PACKING KIT (NOT SHOWN) (INCLUDES ITEMS 15-21)	

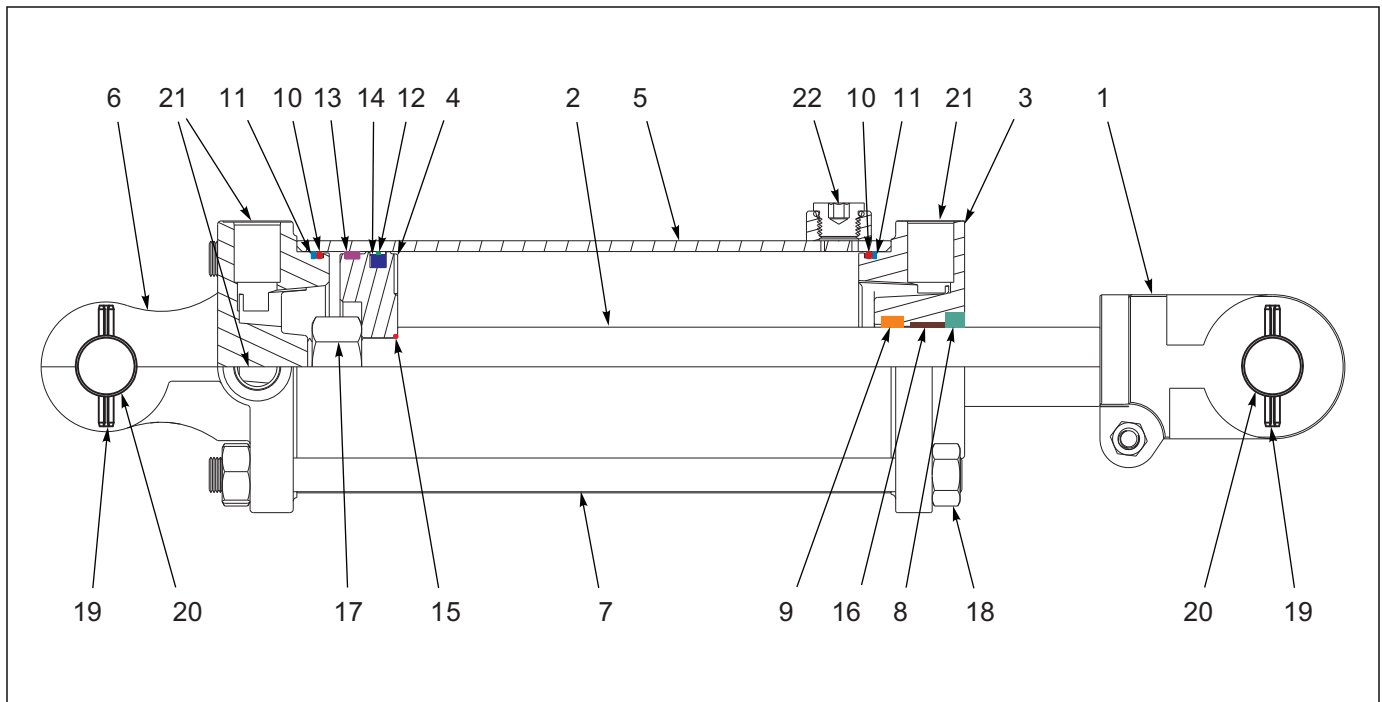


Figure 1-36: Cylinder - Rephase Assembly 3-1/4 X 8

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

ITEM	PART NO.	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 8-14)	

ILLUSTRATED PARTS LIST

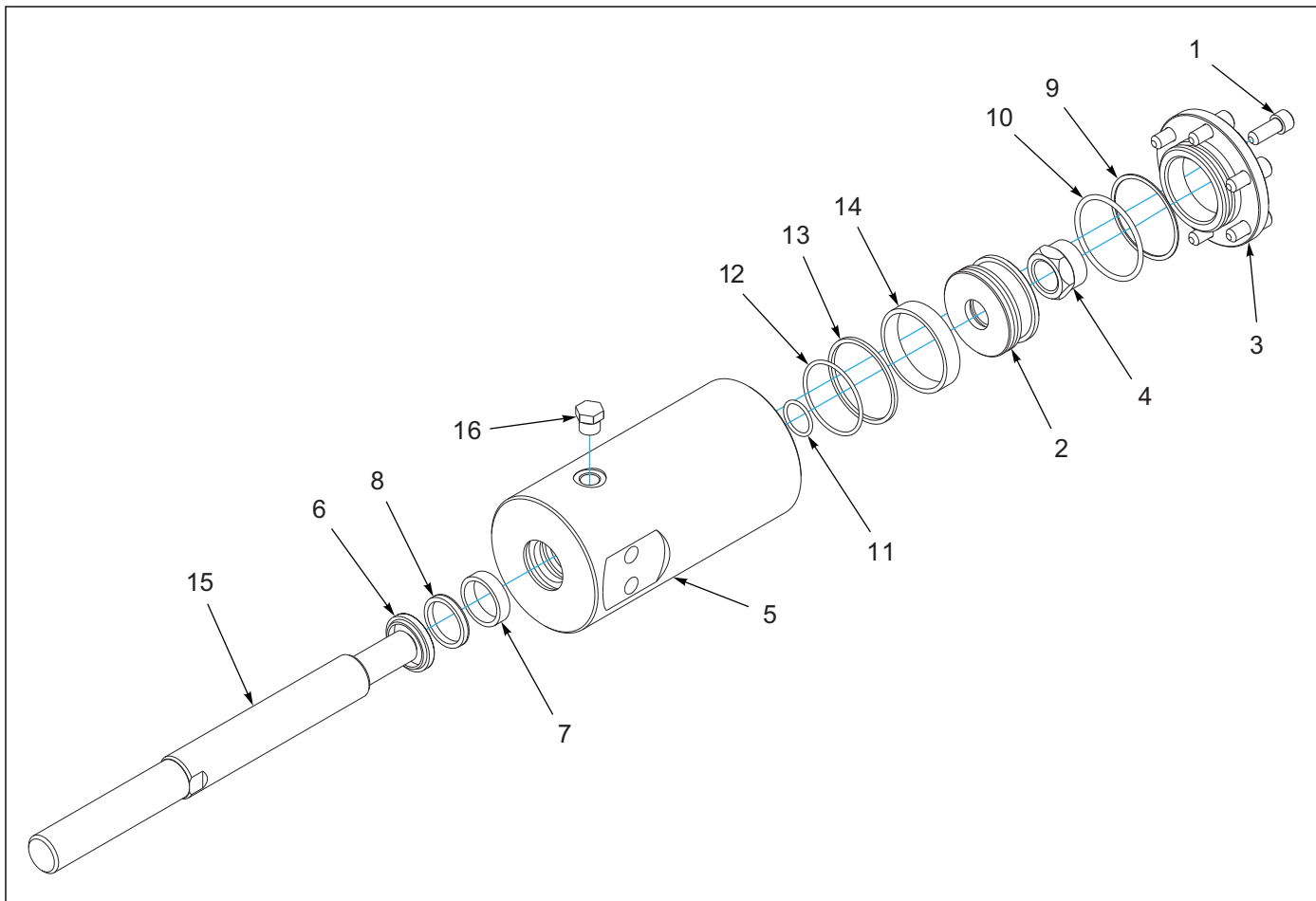


Figure 1-37: Cylinder - 2-1/2" X 3-1/2"

Cylinder - 2-1/2" X 3-1/2"

ITEM	PART NO.	DESCRIPTION	QTY.
--	206672	CYL ASM 2-1/2X3-1/2ST1-1/8THDS	
1	----	SCREW, HEX SOCKET 3/8-16 X 1	6
2	171079	PISTON, 2-1/2 BORE	1
3	171080	2-1/2" BASE CAP	1
4	----	NUT, HEX SLFLKG 7/8-14 GRC	1
5	185767	CYLINDER, BARREL 3-1/2" STROKE	1
6	----	WIPER, 1-1/4 ROD	1
7	----	WEAR RING, 1-1/4 ROD	1
8	----	U-CUP, 1-1/4 ROD	1
9	----	BACK-UP RING, CAP	1
10	----	O-RING, CAP	1
11	----	O-RING, PISTON	1
12	----	O-RING, PISTON	1
13	----	SEAL, 2-1/2 PISTON	1
14	----	WEAR RING, 2-1/2 PISTON	1
15	206674	ROD 1-1/4 DIA 3-1/2 STROKE	1
16	----	PLUG, O-RING 9/16-18	2
17	171081	SEAL KIT, 2-1/2" BORE CYL (NOT SHOWN) (INCL. ITEMS 7 - 14)	

Electrical

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 1-38: Electrical Assembly W/ LED Lights (1 of 2)

ILLUSTRATED PARTS LIST

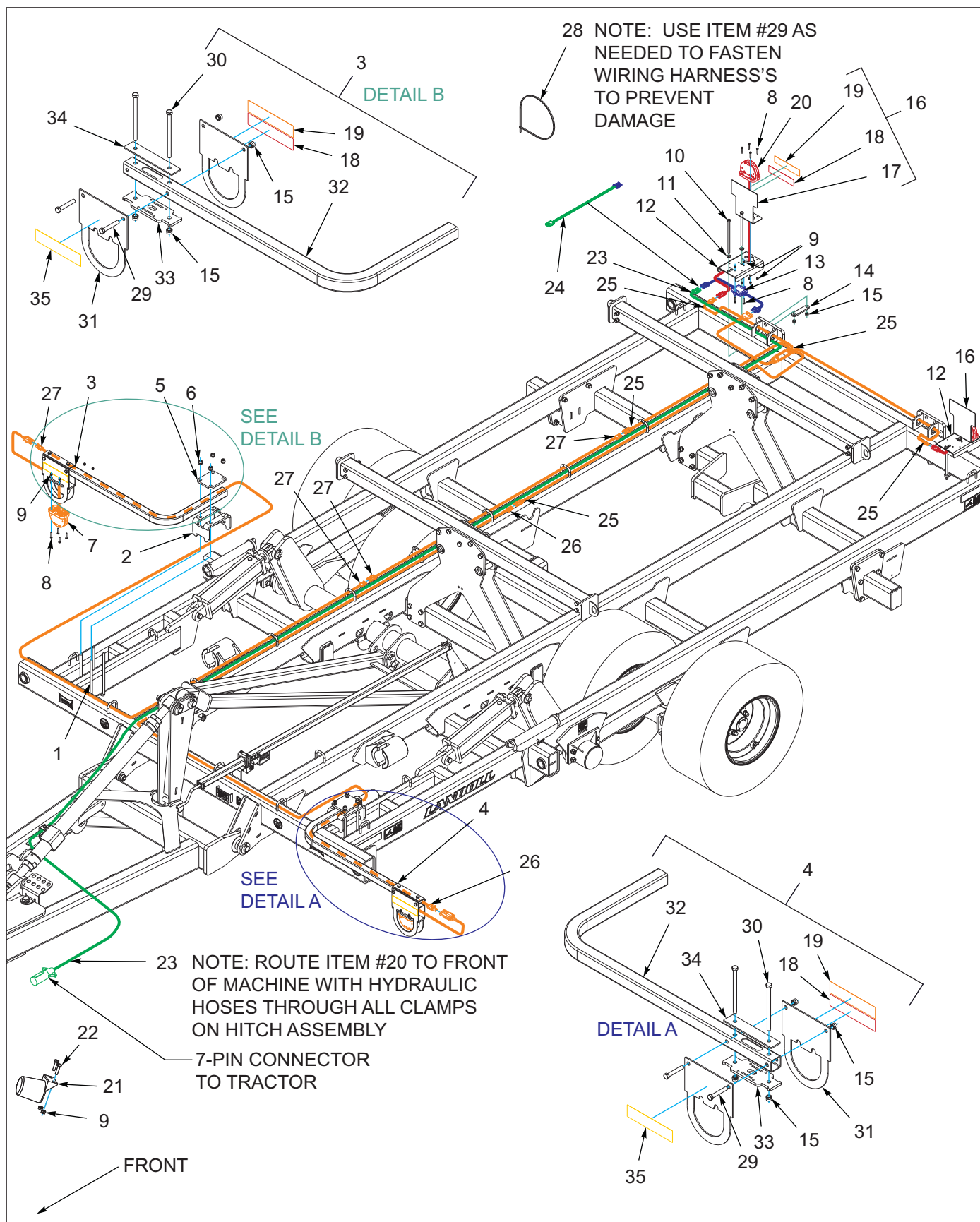


Figure 1-39: Electrical Assembly W/ LED Lights (2 of 2)

Electrical Assembly W/ LED Lights

ITEM	PART NO.	DESCRIPTION	QTY.
1	9K078	U-BOLT 5/8-11 X 13 X 3.688	4
2	229976	PLATE, FORMED LIGHT MOUNT	2
3	229978	MOUNT, RT LIGHT BKT ASSY (INCLUDES ITEMS 15, 18-19, 29-35)	1
4	229979	MOUNT, LT LIGHT BKT ASSY (INCLUDES ITEMS 15, 18-19, 29-35)	1
5	229932	PLATE, LIGHT MOUNT	2
6	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	8
7	174436	LAMP, AG AMBER SINGLE LED	2
8	1-654-010047-08	SCREW HX CP,1/4-20UNCX1-1/2G5	18
9	1-512-010005-01	NUT,HEX,SLFLKG GRB 1/4-20	20
10	172900	SCREW HX CP 1/2-13X10 GR5	4
11	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	4
12	164138	MOUNT, LIGHT TAIL	2
13	174437	MODULE, AG FLASHER CONTROL	1
14	222674	BRACKET, LIGHT MOUNT	2
15	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	12
16	164140	REFLECTOR ASSY (INCLUDES ITEMS 17-19)	2
17	164139	MOUNT, REFLECTOR	2
18	528933	REFLECTOR - RED	4
19	528938	STRIPE, ORANGE	4
20	174435	LAMP, AG RED SINGLE LED	2
21	2-368-010287	HARNESS, STOR-A-WAY (SEE PAGE 1-9 FOR LOCATION ON FRONT OF HITCH)	1
22	1-654-010047-06	SCREW,HX CP 1/4-20UNCX1 GR5	1
23	174438	HARNESS, MAIN WARNING LIGHTS	1
24	2-368-010273	HARNESS, 34 INCH EXT	2
25	174439	HARNESS, REAR WARNING LIGHTS	1
26	231333	HARNESS, WARN LIGHT EXT 204" (LEFT SIDE)	1
27	208765	HARNESS,WARN LIGHT EXT132" ASM (RIGHT SIDE)	2
28	105874	TIE,STRAP PLSTC 21.5-24X.301	25
29	1-654-010055-09	SCREW,HX CP,1/2-13UNCX3 GR5	4
30	1-654-010055-20	SCREW,HXCP,1/2-13UNCX7-1/2GR5	4
31	227303	PLATE, LIGHT BRACKET	4
32	229931	SQ TUBE, LIGHT MNT	2
33	229933	PLATE, LIGHT MOUNT	2
34	229977	PLATE, LIGHT BRACKET COVER	2
35	528934	REFLECTOR - YELLOW	2

Decals

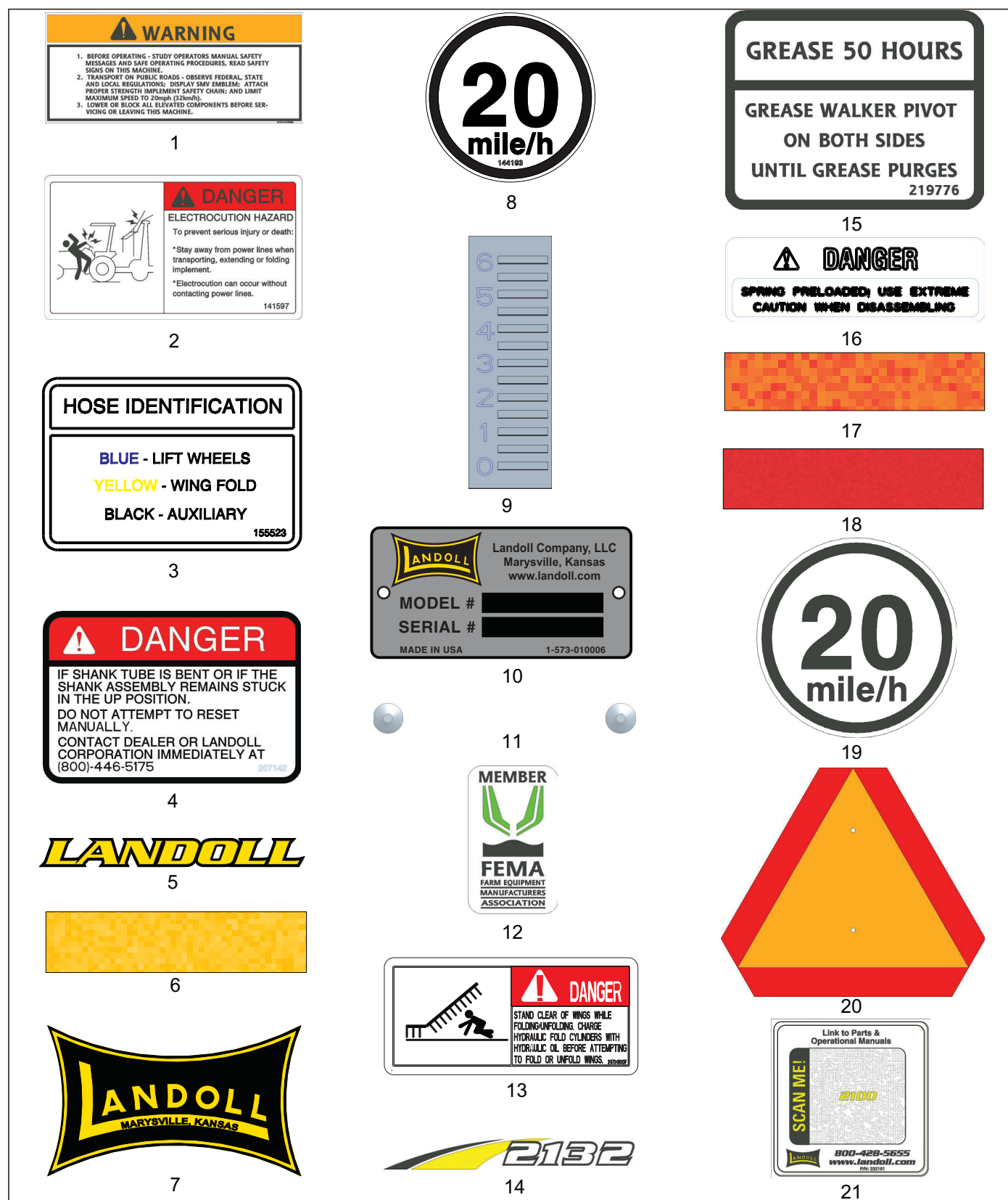


Figure 1-40: Decal Arrangement (1 of 2)

ILLUSTRATED PARTS LIST

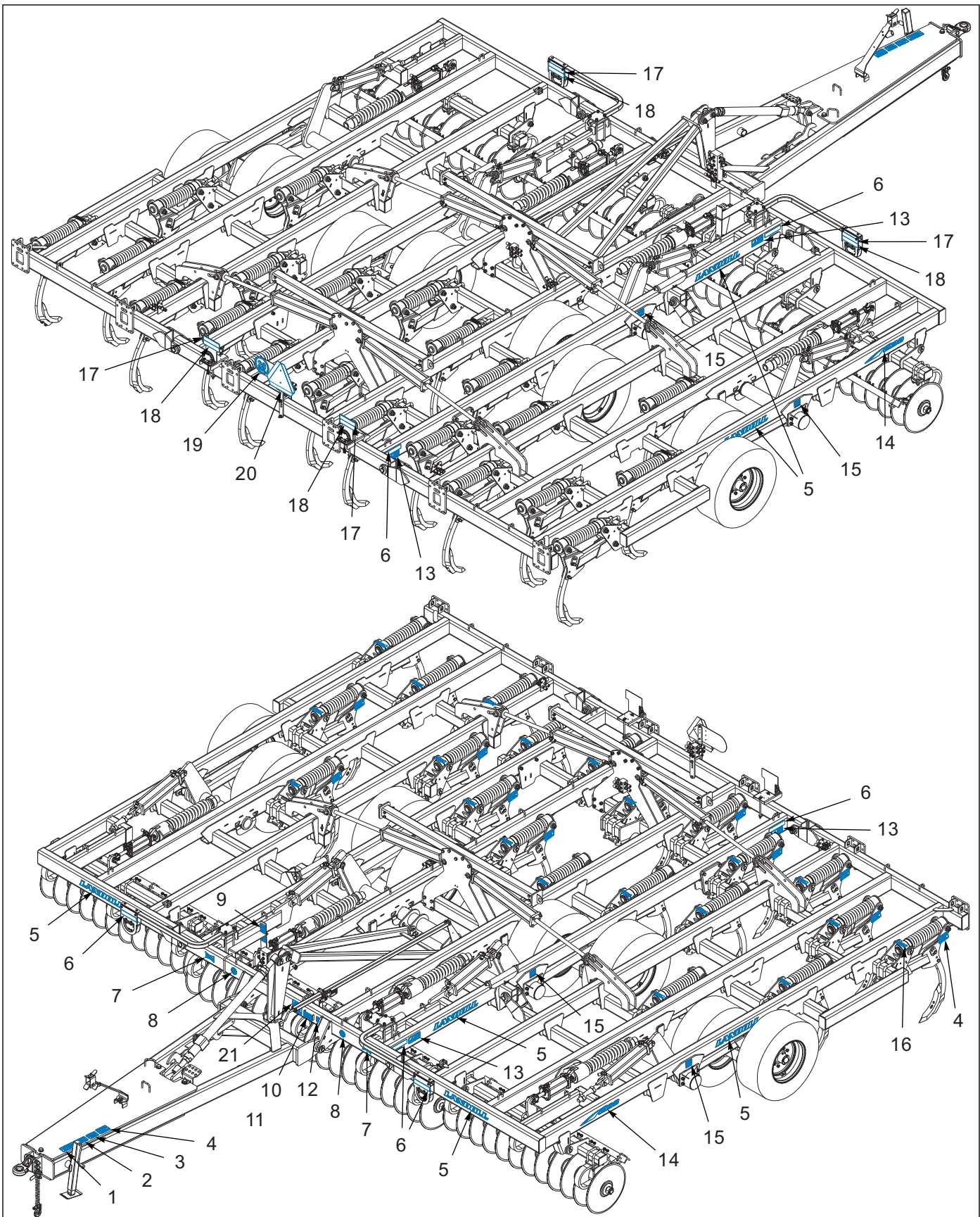


Figure 1-41: Decal Locations(2 of 2)

Decal Locations & Arrangements

ITEM	PART NO.	DESCRIPTION	QTY.
1	8-573-010084	DECAL WARNING BEFORE OPERATG	1
2	141597	DECAL, DANGER ELECTROCUTION	1
3	155523	DECAL, HOSE IDENTIFICATION	1
4	207142	DECAL, DANGER STUCK SHANK	
5	141260	DECAL, LANDOLL	5
6	528934	REFLECTOR - YELLOW	6
7	141259	DECAL, LANDOLL, YELLOW	2
8	144193	DECAL, SIS 20 MPH	2
9	2-573-010336	DECAL, DEPTH GAUGE	1
10	1-573-010006	PLACARD, NAME	1
11	156010	RIVET, BLIND .156X1/2 GRIP	2
12	2-573-010198	DECAL, MEMBER FEMA	1
13	2-573-010037	DECAL, DANGER, WING	4
14	229975	DECAL, MODEL 2132	2
15	219776	DECAL, GREASE WALKER	4
16	2-573-010469	DECAL, DANGER SPRING	
17	528938	STRIPE, ORANGE	4
18	528933	REFLECTOR - RED	4
19	224589	DECAL, SIS 20 MILE/H	1
20	70260977	SMV EMBLEM	1
21	232181	DECAL, QR CODE 2100 SERIES	1

Standard 3BCT/Chopper Assemblies

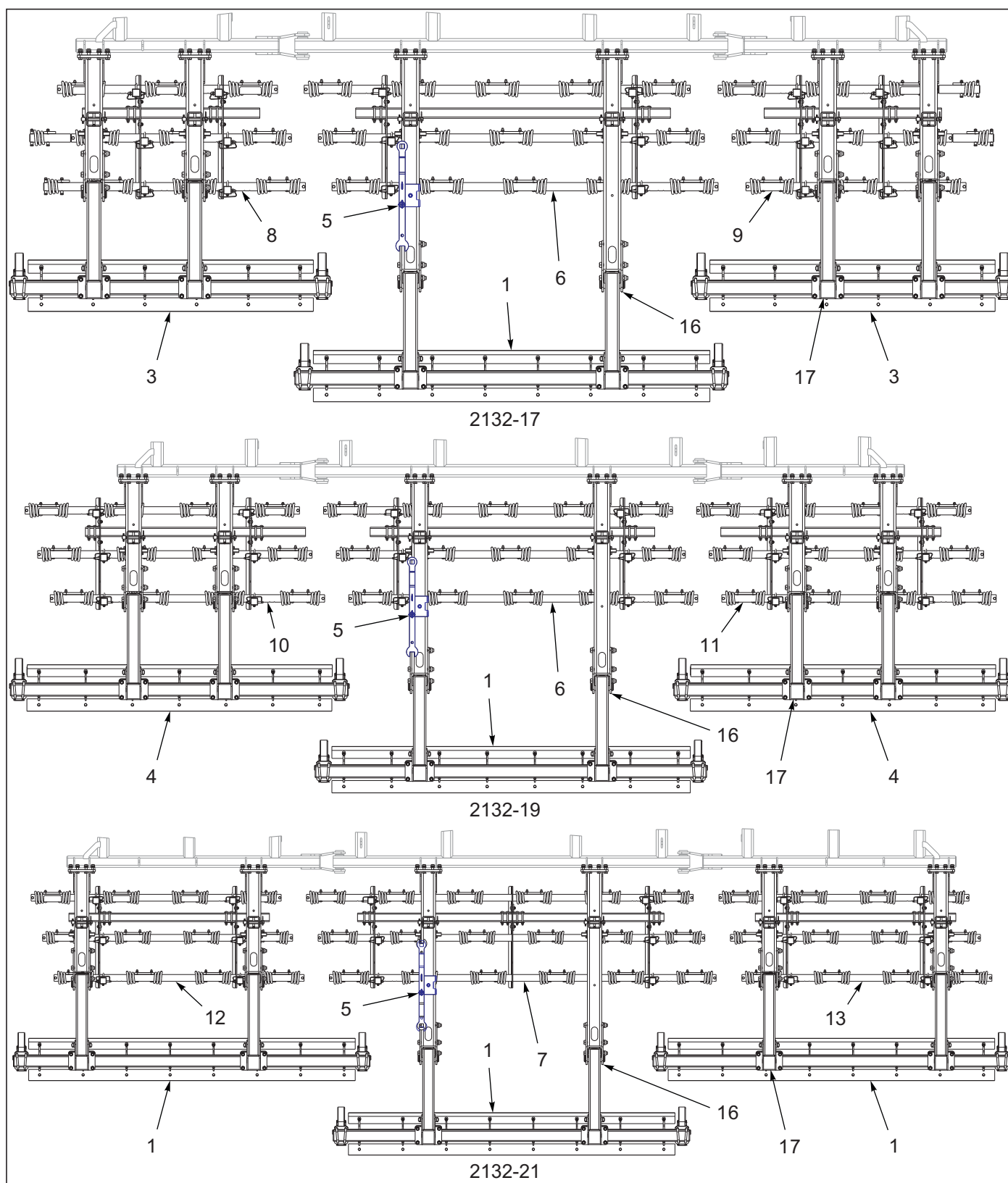
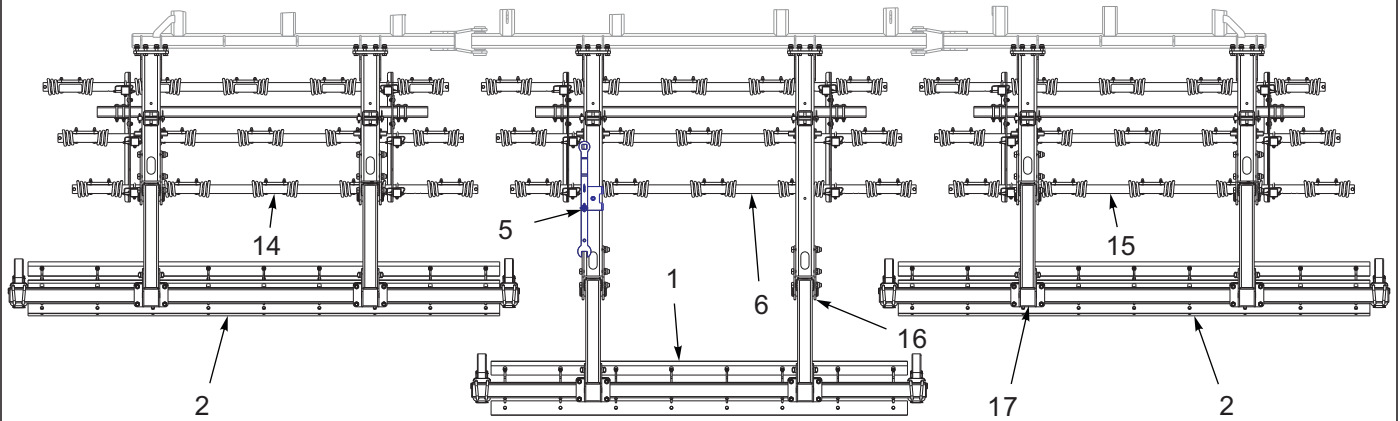
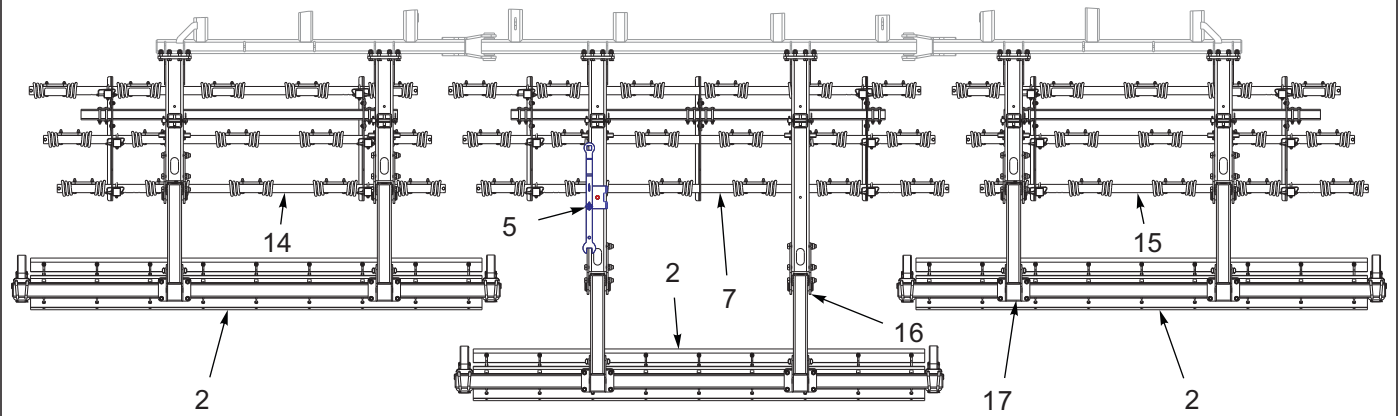


Figure 1-42: Std 3BCT/Chopper Layout (1 of 2)



2132-23



2132-25

Figure 1-43: Std 3BCT/Chopper Layout (2 of 2)

ILLUSTRATED PARTS LIST

Std 3BCT/Chopper Layout

ITEM	PART NO.	DESCRIPTION	QTY.				
--	231396	STD, 3BCT/CHOP 2132-17	*				
--	231397	STD, 3BCT/CHOP 2132-19		*			
--	231398	STD, 3BCT/CHOP 2132-21			*		
--	231399	STD, 3BCT/CHOP 2132-23				*	
--	231400	STD, 3BCT/CHOP 2132-25					*
1	154410	REEL/GANGBAR ASSY 114" (SEE PAGE 1-109)	1	1	3	1	--
2	155595	CHOPPER-REEL/GANGBAR ASSY 129" (SEE PAGE 1-109)	--	--	--	2	3
3	154407	REEL/GANGBAR ASSY 82" (SEE PAGE 1-109)	2	--	--	--	--
4	172529	REEL/GANGBAR - 97" ASSY (SEE PAGE 1-109)	--	2	--	--	--
5	-----	WRENCH HARROW ADJUST ASSEMBLY (SEE PAGE 1-75)	1	1	1	1	1
6	229889	ASSY, 5 TINE HARROW CTR (SEE PAGE 1-89)	1	1	--	--	--
7	229896	ASSY, 6 TINE HARROW CTR (SEE PAGE 1-89)	--	--	1	--	1
8	229923	ASSY, 3 TINE LH W/EXT (SEE PAGE 1-89)	1	--	--	--	--
9	229922	ASSY, 3 TINE RH W/EXT (SEE PAGE 1-89)	1	--	--	--	--
10	170865	ASSY, 4 TINE HARROW LH (SEE PAGE 1-89)	--	1	--	--	--
11	170864	ASSY, 4 TINE HARROW RH (SEE PAGE 1-89)	--	1	--	--	--
12	231379	ASSY, 4 TINE HARROW LH (SEE PAGE 1-89)	--	--	1	--	--
13	231378	ASSY, 4 TINE HARROW RH (SEE PAGE 1-89)	--	--	1	--	--
14	172477	ASSY, 5 TINE HARROW LH (SEE PAGE 1-89)	--	--	--	--	1
15	202567	ASSY, 5 TINE HARROW RH (SEE PAGE 1-89)	--	--	--	--	1
16	231390	STD,ARM LONG,COMBO HARROW ASSY (SEE PAGE 1-83)	2	2	2	2	2
17	231391	STD,ARM SHORT,COMBO HARROW ASSY (SEE PAGE 1-87)	4	4	4	4	4

[illegible]

ILLUSTRATED PARTS LIST

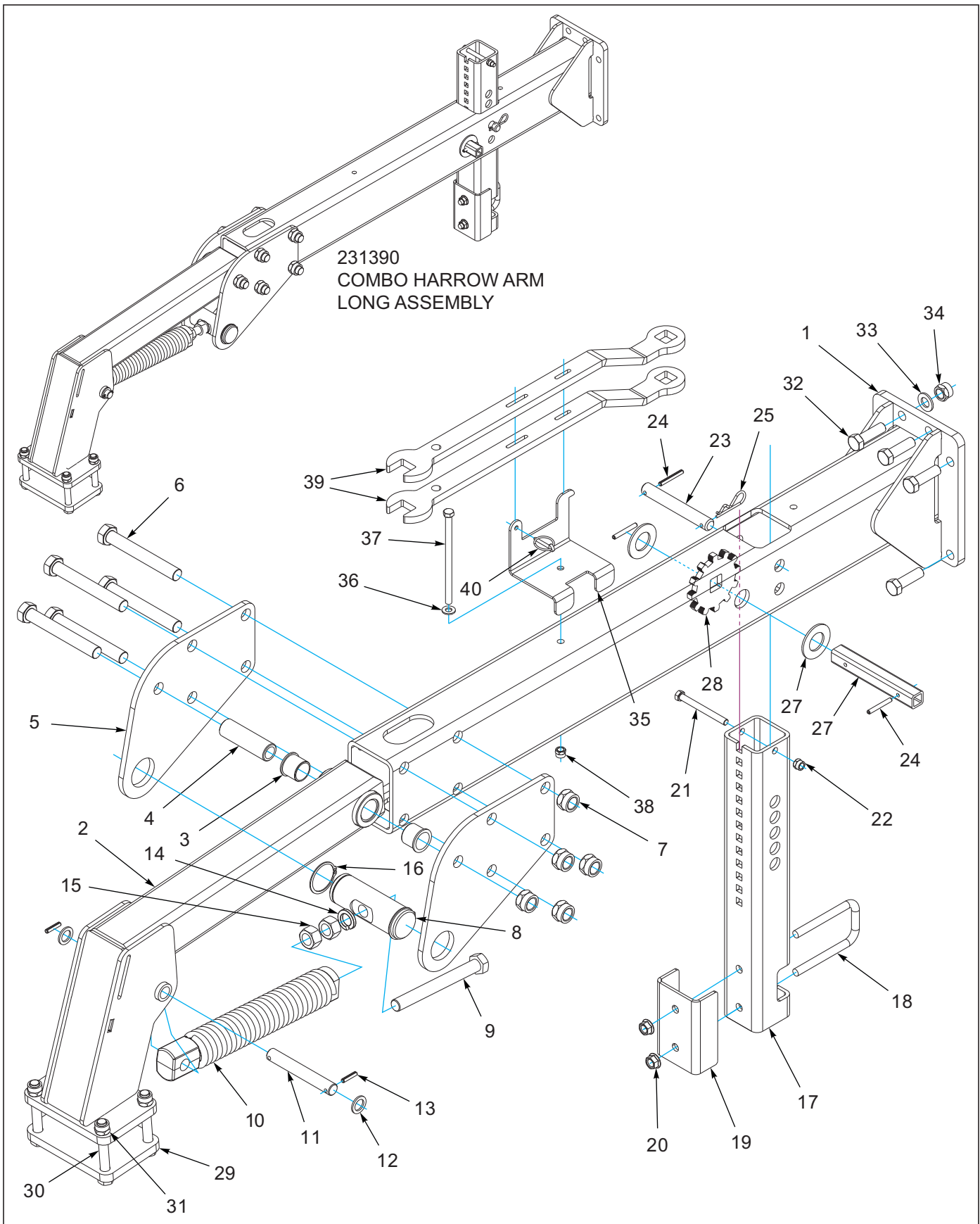


Figure 1-44: Std Combo Harrow Arm Long Assembly

Std Combo Harrow Arm Long Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	231390	STD,ARM LONG,COMBO HARROW ASSY (INCLUDES ITEMS 1-31)	
1	223468	ARM, COMBO HARROW LONG WLDMT	1
2	170851	ARM WLDMT REEL	1
3	140599	BEARING, FLANGE 1-1/2"	2
4	170852	BUSHING, PIVOT - 5	1
5	223473	PLATE, SPRING MOUNT	2
6	100856	SCREW,HHCS,1-8X7-1/2 GR5	5
7	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	5
8	160199	PIN, ADJ 7-/14 W/SNAP RING	1
9	152210	BOLT, ADJ, 1 X 9	1
10	158795	SPRING ASSY, 17"	1
11	172526	PIN PIVOT	1
12	117957	MACHINERY BUSHING,ZINC PLATED	2
13	1-647-010004236	SPRING PIN,SLOTTED 5/16X1-1/2	2
14	1-861-010034-21	WASHER, LKG HEL SPRG 1IN	1
15	1-512-010007-14	NUT, HEX 1-8 GR2 ZP	2
16	158896	SNAP RING, 2-1/2 SHAFT	1
17	170844	TUBE, HARROW ADJ. COMBO ATTACH	1
18	8-102-010043	U-BOLT, SPRING CLAMP	1
19	171427	PLATE, HARROW STIFFNER	1
20	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	1
21	1-654-010055-15	SCR, HX CP, 1/2-13UNCX5 GR5	1
22	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	1
23	158299	PIN 1X7-5/16	1
24	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	3
25	1-557-010013	PIN, HAIR 3/16 DIA	1
26	170857	TUBE, HARROW HEIGHT ADJ HANDLE	1
27	1-861-010032-32	WASHER FLAT ZP/CD 1-1/2	2
28	170787	GEAR, HARROW ADJUSTMENT	1
29	170862	PLATE, GANGBAR MOUNT	1
30	1-654-010087-16	SCREW,HEX CAP,3/4-16X5.50 GR8	5
31	1-512-010002-16	NUT,3/4-16 HEX,SLFLKG, GRC	5
32	104483	SCREW 3/4-10X2-1/2 HXCP ZPGR8	8
33	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	8
34	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	8
35	229981	MOUNT, WRENCH	1
36	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	1
37	1-654-010055-22	SCREW HEX CAP 1/2-13X8-1/2	1
38	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	1
39	171394	PLATE, WRENCH HARROW ADJ	2
40	70239854	PIN QUICK HITCH	1

ILLUSTRATED PARTS LIST

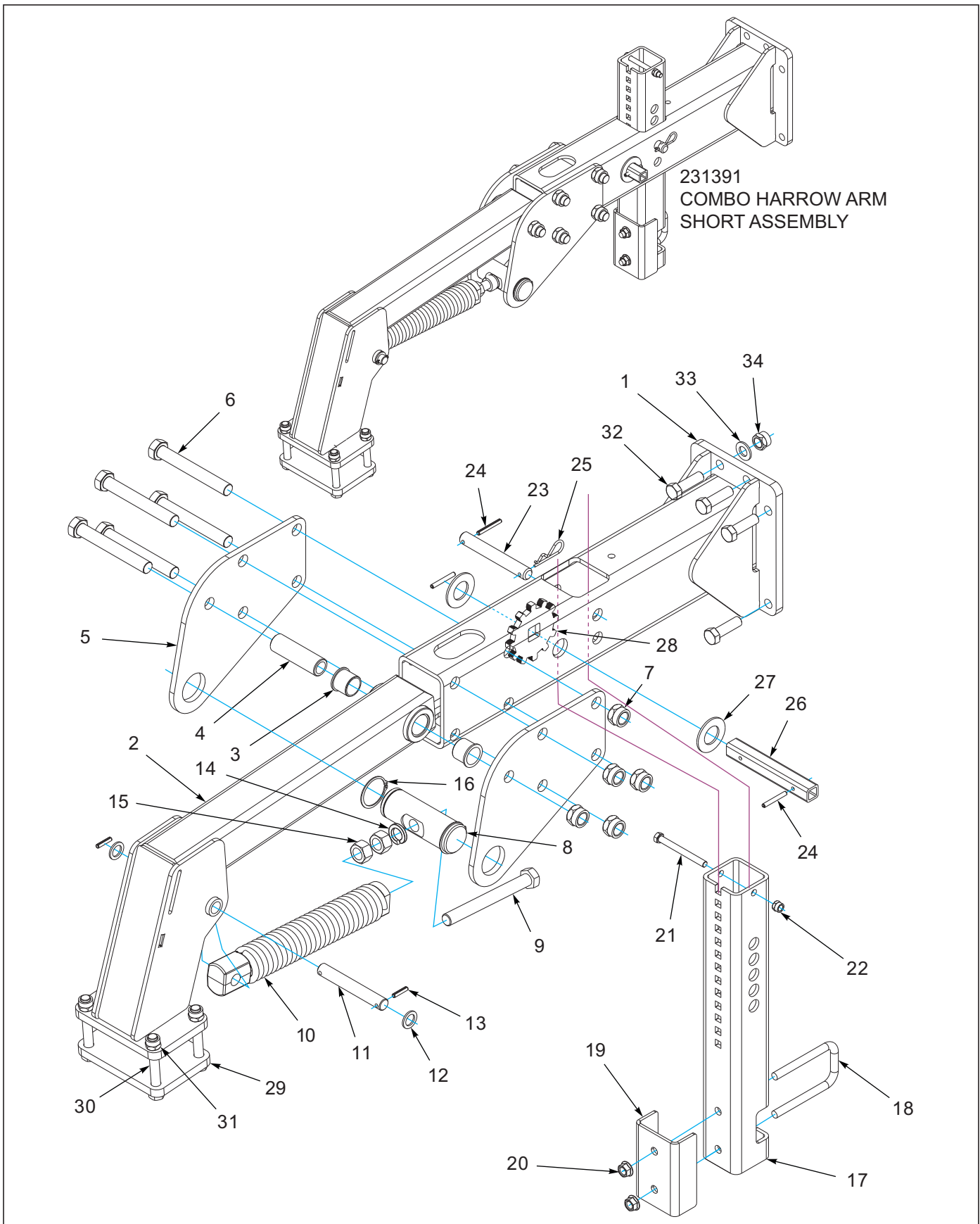


Figure 1-45: Std Combo Harrow Arm Short Assembly

Std Combo Harrow Arm Short Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	231391	STD,ARM SHORT,COMBO HARROWASSY (INCLUDES ITEMS 1-31)	
1	223471	ARM, COMBO HARROW WLDMT	1
2	170851	ARM WLDMT REEL	1
3	140599	BEARING, FLANGE 1-1/2"	2
4	170852	BUSHING, PIVOT - 5	1
5	223473	PLATE, SPRING MOUNT	2
6	100856	SCREW,HHCS,1-8X7-1/2 GR5	5
7	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	5
8	160199	PIN, ADJ 7-/14 W/SNAP RING	1
9	152210	BOLT, ADJ, 1 X 9	1
10	158795	SPRING ASSY, 17"	1
11	172526	PIN PIVOT	1
12	117957	MACHINERY BUSHING,ZINC PLATED	2
13	1-647-010004236	SPRING PIN,SLOTTED 5/16X1-1/2	2
14	1-861-010034-21	WASHER, LKG HEL SPRG 1IN	1
15	1-512-010007-14	NUT, HEX 1-8 GR2 ZP	2
16	158896	SNAP RING, 2-1/2 SHAFT	1
17	170844	TUBE, HARROW ADJ. COMBO ATTACH	1
18	8-102-010043	U-BOLT, SPRING CLAMP	1
19	171427	PLATE, HARROW STIFFNER	1
20	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	1
21	1-654-010055-15	SCR, HX CP, 1/2-13UNCX5 GR5	1
22	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	1
23	158299	PIN 1X7-5/16	1
24	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	3
25	1-557-010013	PIN, HAIR 3/16 DIA	1
26	170857	TUBE, HARROW HEIGHT ADJ HANDLE	1
27	1-861-010032-32	WASHER FLAT ZP/CD 1-1/2	2
28	170787	GEAR, HARROW ADJUSTMENT	1
29	170862	PLATE, GANGBAR MOUNT	1
30	1-654-010087-16	SCREW,HEX CAP,3/4-16X5.50 GR8	5
31	1-512-010002-16	NUT,3/4-16 HEX,SLFLKG, GRC	5
32	104483	SCREW 3/4-10X2-1/2 HXCP ZPGR8	8
33	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	8
34	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	8
35	188528	TRUNION, CYLINDER	1
36	188531	TRUNION, BEARING	1
37	109895	WASHER,3ODX2-1/16X14GA	1
38	188530	SNAP RING, 2 SHAFT	1

Hydraulic 3BCT/Chopper Assemblies

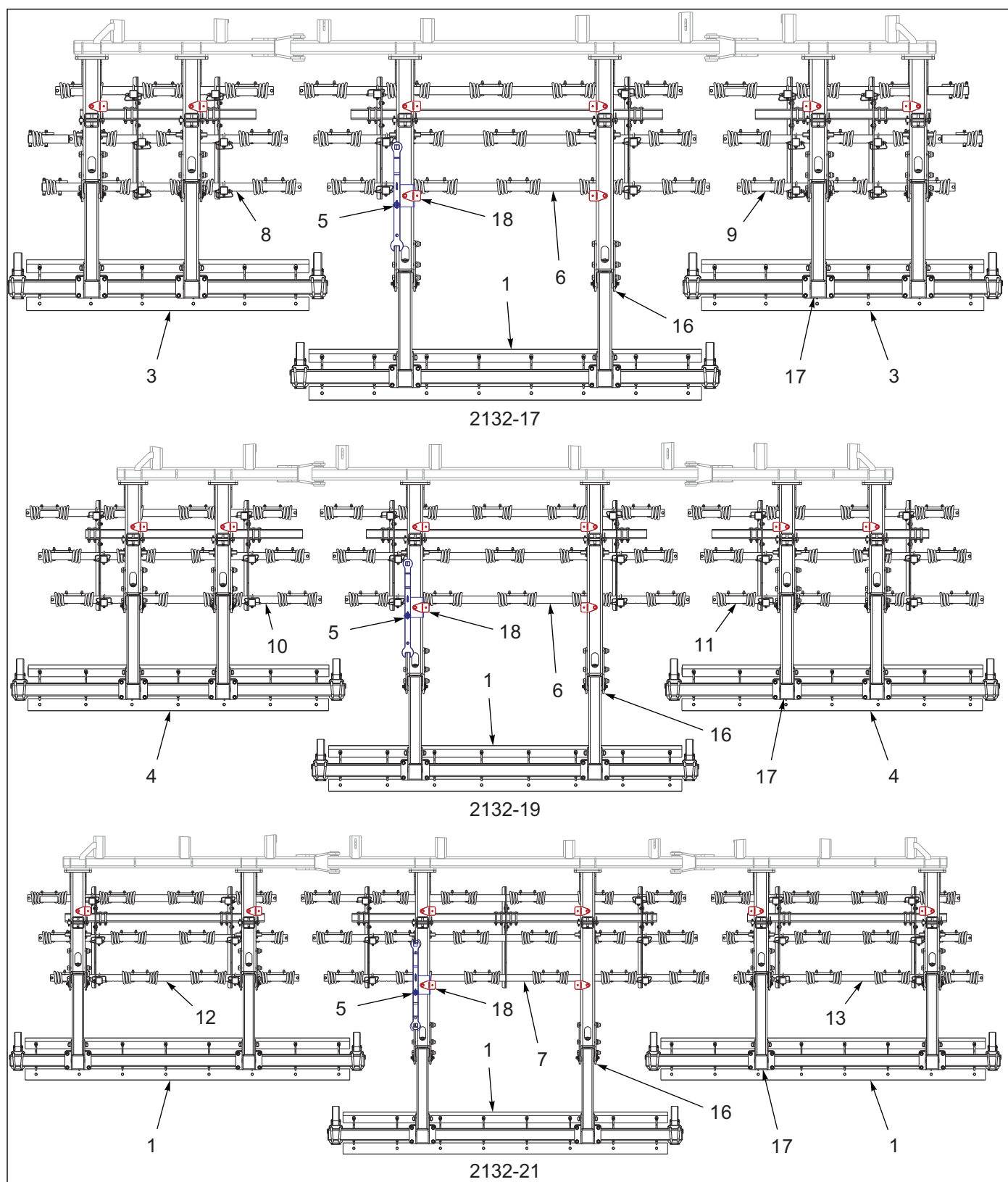


Figure 1-46: Hyd 3BCT/Chopper Layout (1 of 2)

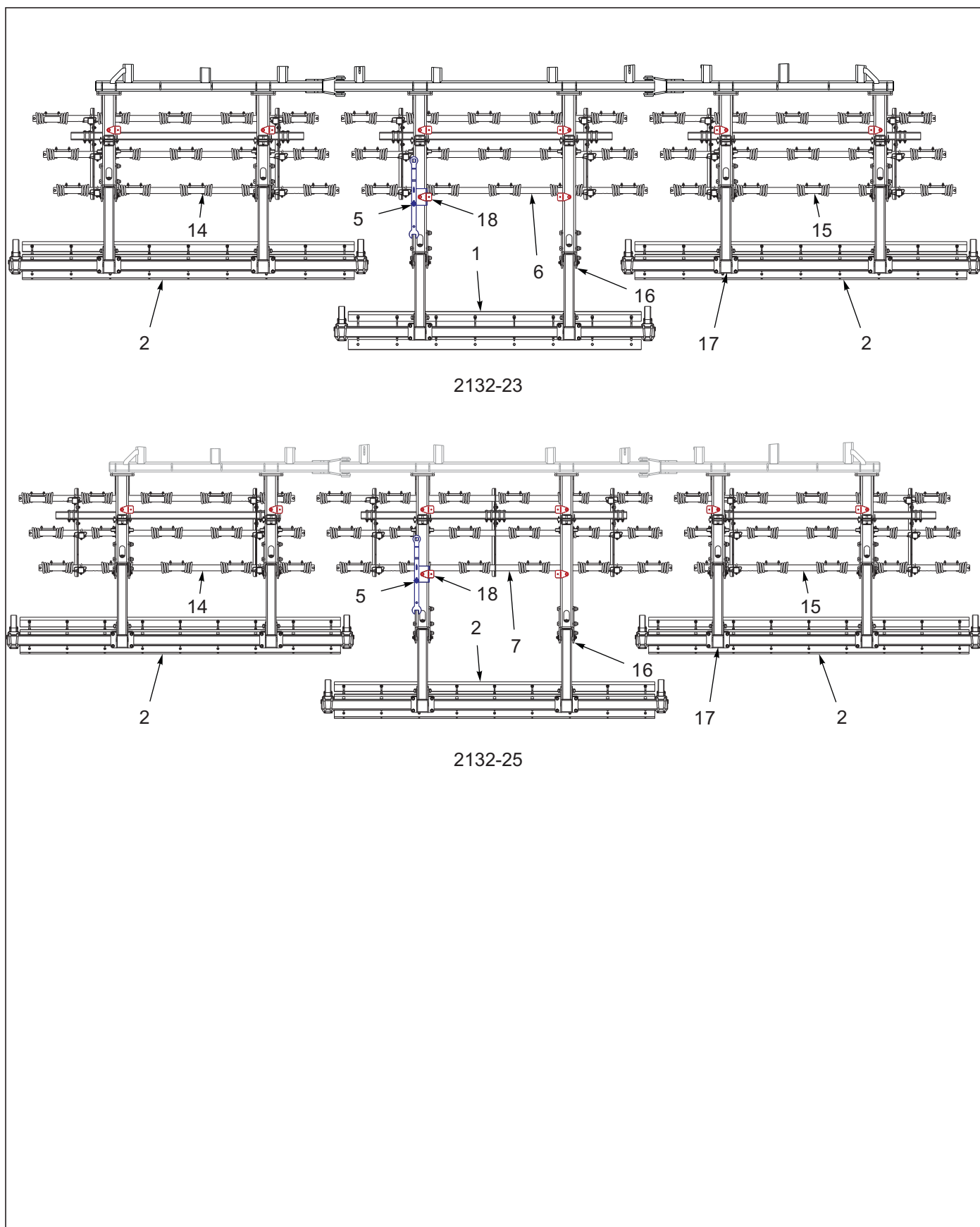


Figure 1-47: Hyd 3BCT/Chopper Layout (2 of 2)

ILLUSTRATED PARTS LIST

Hyd 3BCT/Chopper Layout

ITEM	PART NO.	DESCRIPTION	QTY.				
--	229897	HYD, 3BCT/CHOPPER 2132-17	*				
--	229898	HYD, 3BCT/CHOPPER 2132-19		*			
--	229899	HYD, 3BCT/CHOPPER 2132-21			*		
--	229900	HYD, 3BCT/CHOPPER 2132-23				*	
--	229901	HYD, 3BCT/CHOPPER 2132-25					*
1	154410	REEL/GANGBAR ASSY 114" (SEE PAGE 1-109)	1	1	3	1	--
2	155595	CHOPPER-REEL/GANGBAR ASSY 129" (SEE PAGE 1-109)	--	--	--	2	3
3	154407	REEL/GANGBAR ASSY 82" (SEE PAGE 1-109)	2	--	--	--	--
4	172529	REEL/GANGBAR - 97" ASSY (SEE PAGE 1-109)	--	2	--	--	--
5	-----	WRENCH HARROW ADJUST ASSEMBLY (SEE PAGE 1-75)	1	1	1	1	1
6	229889	ASSY, 5 TINE HARROW CTR (SEE PAGE 1-89)	1	1	--	--	--
7	229896	ASSY, 6 TINE HARROW CTR (SEE PAGE 1-89)	--	--	1	--	1
8	229923	ASSY, 3 TINE LH W/EXT (SEE PAGE 1-89)	1	--	--	--	--
9	229922	ASSY, 3 TINE RH W/EXT (SEE PAGE 1-89)	1	--	--	--	--
10	170865	ASSY, 4 TINE HARROW LH (SEE PAGE 1-89)	--	1	--	--	--
11	170864	ASSY, 4 TINE HARROW RH (SEE PAGE 1-89)	--	1	--	--	--
12	231379	ASSY, 4 TINE HARROW LH (SEE PAGE 1-89)	--	--	1	--	--
13	231378	ASSY, 4 TINE HARROW RH (SEE PAGE 1-89)	--	--	1	--	--
14	172477	ASSY, 5 TINE HARROW LH (SEE PAGE 1-89)	--	--	--	--	1
15	202567	ASSY, 5 TINE HARROW RH (SEE PAGE 1-89)	--	--	--	--	1
16	223469	ASSY, HARROW ARM LONG, COMBO (SEE PAGE 1-83)	2	2	2	2	2
17	223470	ASSY, HARROW ARM SHORT, COMBO (SEE PAGE 1-87)	4	4	4	4	4
18	225198	PLATE, HOSE MOUNT	8	8	8	8	8

[illegible]

ILLUSTRATED PARTS LIST

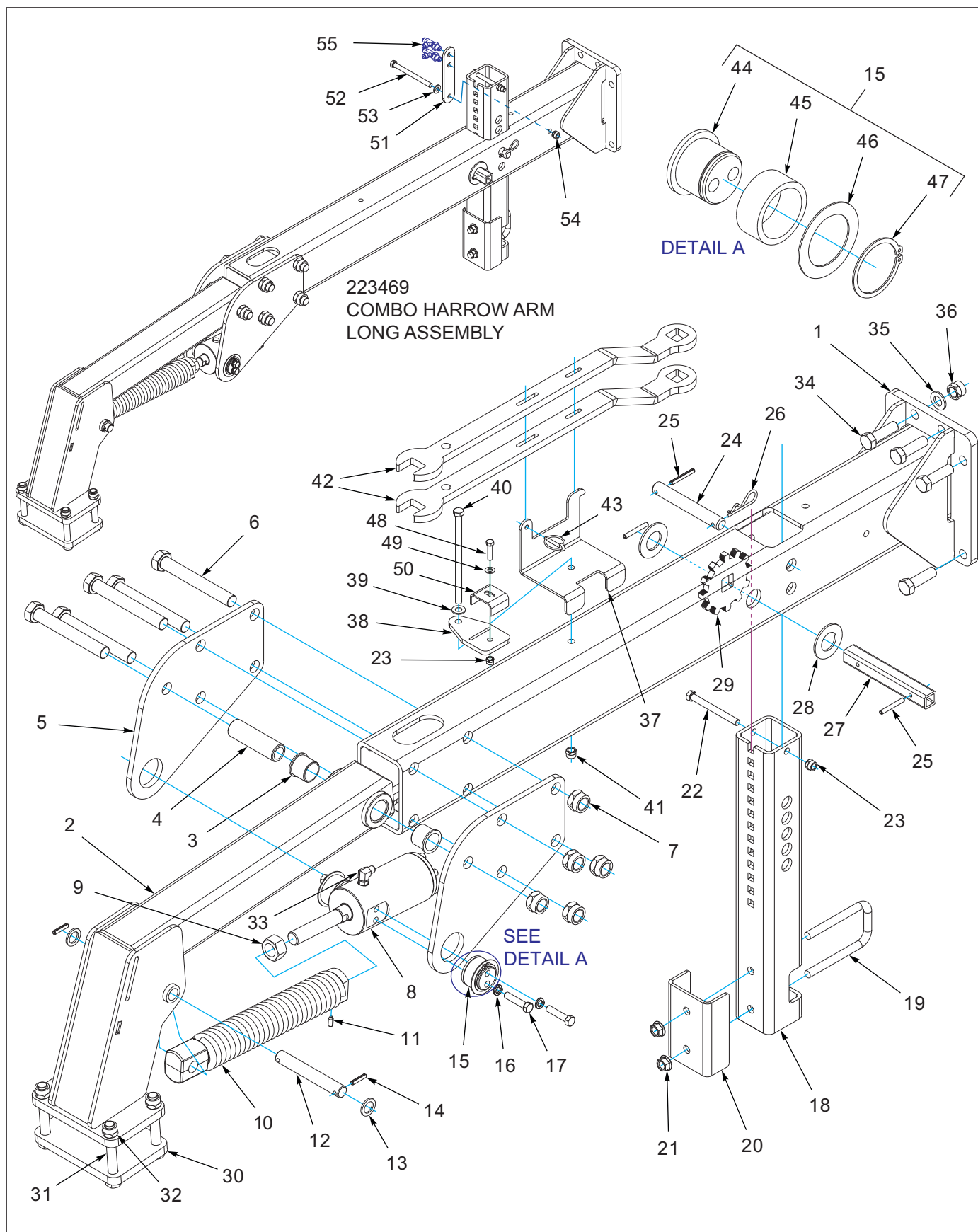


Figure 1-48: Hyd Combo Harrow Arm Long Assembly

Hyd Combo Harrow Arm Long Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	223469	ASSY, HARROW ARM LONG, COMBO (INCLUDES ITEMS 1-33)	
1	223468	ARM, COMBO HARROW LONG WLDMT	1
2	170851	ARM WLDMT REEL	1
3	140599	BEARING, FLANGE 1-1/2"	2
4	170852	BUSHING, PIVOT - 5	1
5	223473	PLATE, SPRING MOUNT	2
6	100856	SCREW,HHCS,1-8X7-1/2 GR5	5
7	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	5
8	206672	CYL ASM 2-1/2X3-1/2ST1-1/8THDS (SEE PAGE 1-62)	1
9	206675	NUT, 1-1/8 -12 UNF, Z/P GR 2	1
10	206652	SPRING ASSY 17" 1-1/8 THD	1
11	1P444	SET SCREW, 3/8-16 X 3/4 NYLON	1
12	172526	PIN PIVOT	1
13	117957	MACHINERY BUSHING,ZINC PLATED	2
14	1-647-010004236	SPRING PIN,SLOTTED 5/16X1-1/2	2
15	198321	ASSY, TRUNION MOUNT 1-5/8" (INCLUDES ITEMS 44-47)	2
16	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	4
17	169690	SCREW HXCP1/2-13UNCX2-1/4 G5	4
18	170844	TUBE, HARROW ADJ. COMBO ATTACH	1
19	8-102-010043	U-BOLT, SPRING CLAMP	1
20	171427	PLATE, HARROW STIFFNER	1
21	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	1
22	1-654-010055-15	SCR, HX CP, 1/2-13UNCX5 GR5	1
23	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	2
24	158299	PIN 1X7-5/16	1
25	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	3
26	1-557-010013	PIN, HAIR 3/16 DIA	1
27	170857	TUBE, HARROW HEIGHT ADJ HANDLE	1
28	1-861-010032-32	WASHER FLAT ZP/CD 1-1/2	2
29	170787	GEAR, HARROW ADJUSTMENT	1
30	170862	PLATE, GANGBAR MOUNT	1
31	1-654-010087-16	SCREW,HEX CAP,3/4-16X5.50 GR8	5
32	1-512-010002-16	NUT,3/4-16 HEX,SLFLKG, GRC	5
33	2062-6-6S	ADAPTER, 90, #6SAE X #6 JIC	1
34	104483	SCREW 3/4-10X2-1/2 HXCP ZPGR8	8
35	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	8
36	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	8
37	229981	MOUNT, WRENCH	1
38	225198	PLATE, HOSE MOUNT	1
39	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	1
40	1-654-010055-22	SCREW HEX CAP 1/2-13X8-1/2	1
41	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	1
42	171394	PLATE, WRENCH HARROW ADJ	2
43	70239854	PIN QUICK HITCH	1
44	188528	TRUNION, CYLINDER	1
45	188531	TRUNION, BEARING	1
46	109895	WASHER,3ODX2-1/16X14GA	1
47	188530	SNAP RING, 2 SHAFT	1
48	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	1

Hyd Combo Harrow Arm Long Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
49	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	1
50	2-181-010001	NUT, HEX, SLFLKG GRB 3/8-16	1

[illegible]

ILLUSTRATED PARTS LIST

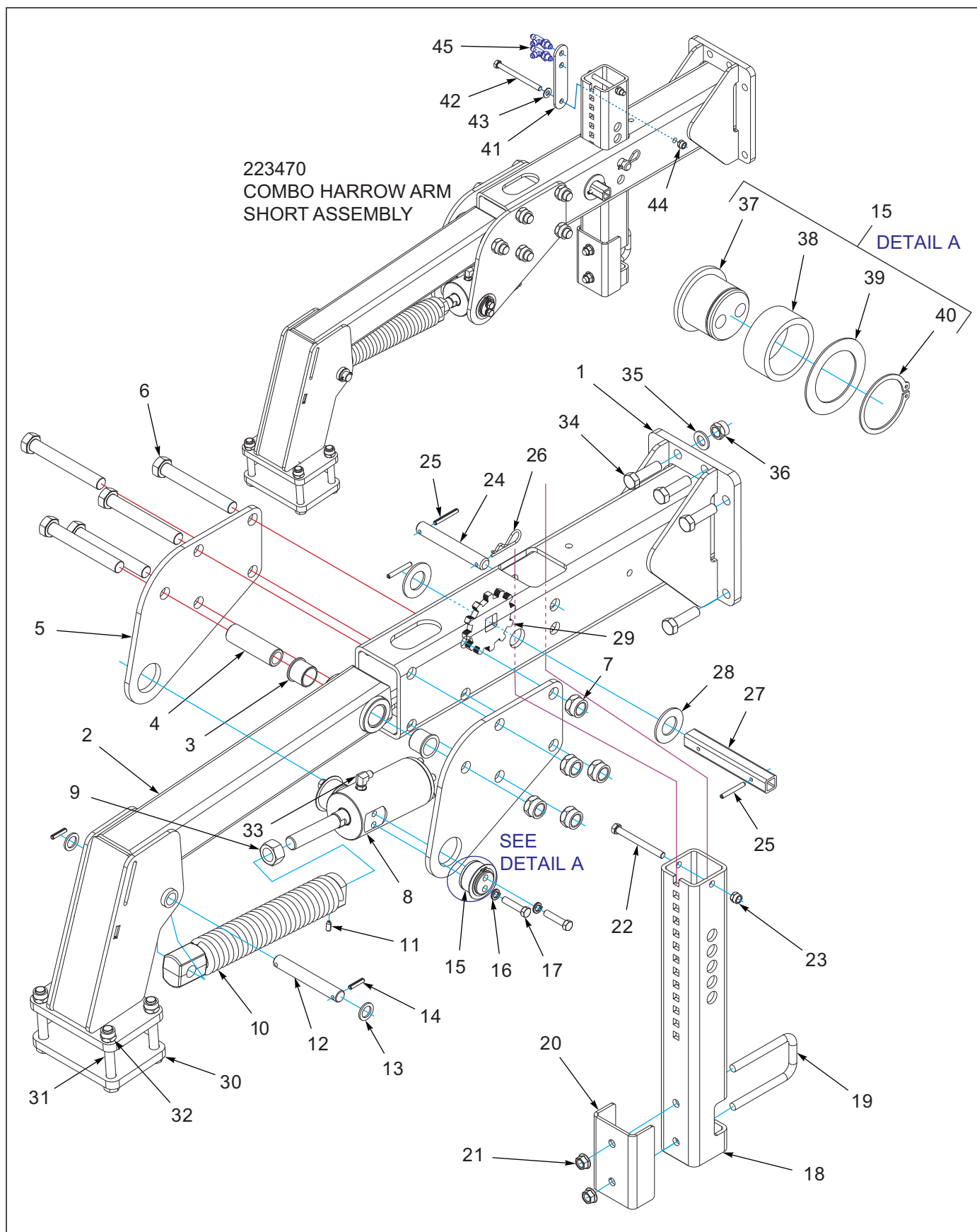


Figure 1-49: Hyd Combo Harrow Arm Short Assembly

Hyd Combo Harrow Arm Short Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	223470	ASSY, HARROW ARM SHORT, COMBO (INCLUDES ITEMS 1-33)	
1	223471	ARM, COMBO HARROW WLDMT	1
2	170851	ARM WLDMT REEL	1
3	140599	BEARING, FLANGE 1-1/2"	2
4	170852	BUSHING, PIVOT - 5	1
5	223473	PLATE, SPRING MOUNT	2
6	100856	SCREW,HHCS,1-8X7-1/2 GR5	5
7	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	5
8	206672	CYL ASM 2-1/2X3-1/2ST1-1/8THDS (SEE PAGE 1-62)	1
9	206675	NUT, 1-1/8 -12 UNF, Z/P GR 2	1
10	206652	SPRING ASSY 17" 1-1/8 THD	1
11	1P444	SET SCREW, 3/8-16 X 3/4 NYLON	1
12	172526	PIN PIVOT	1
13	117957	MACHINERY BUSHING,ZINC PLATED	2
14	1-647-010004236	SPRING PIN,SLOTTED 5/16X1-1/2	2
15	198321	ASSY, TRUNION MOUNT 1-5/8" (INCLUDES ITEMS 37-40)	2
16	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	4
17	169690	SCREW HXCP1/2-13UNCX2-1/4 G5	4
18	170844	TUBE, HARROW ADJ. COMBO ATTACH	1
19	8-102-010043	U-BOLT, SPRING CLAMP	1
20	171427	PLATE, HARROW STIFFNER	1
21	29SFFL 5811	NUT,FLANGE HEAD LOCK5/8-11UNC	1
22	1-654-010055-15	SCR, HX CP, 1/2-13UNCX5 GR5	1
23	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	1
24	158299	PIN 1X7-5/16	1
25	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	3
26	1-557-010013	PIN, HAIR 3/16 DIA	1
27	170857	TUBE, HARROW HEIGHT ADJ HANDLE	1
28	1-861-010032-32	WASHER FLAT ZP/CD 1-1/2	2
29	170787	GEAR, HARROW ADJUSTMENT	1
30	170862	PLATE, GANGBAR MOUNT	1
31	1-654-010087-16	SCREW,HEX CAP,3/4-16X5.50 GR8	5
32	1-512-010002-16	NUT,3/4-16 HEX,SLFLKG, GRC	5
33	2062-6-6S	ADAPTER, 90, #6SAE X #6 JIC	1
34	104483	SCREW 3/4-10X2-1/2 HXCP ZPGR8	8
35	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	8
36	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	8
37	188528	TRUNION, CYLINDER	1
38	188531	TRUNION, BEARING	1
39	109895	WASHER,3ODX2-1/16X14GA	1
40	188530	SNAP RING, 2 SHAFT	1
41	231306	MOUNT, WRENCH	1
42	171394	PLATE, WRENCH HARROW ADJ	2
43	70239854	PIN QUICK HITCH	1

ILLUSTRATED PARTS LIST

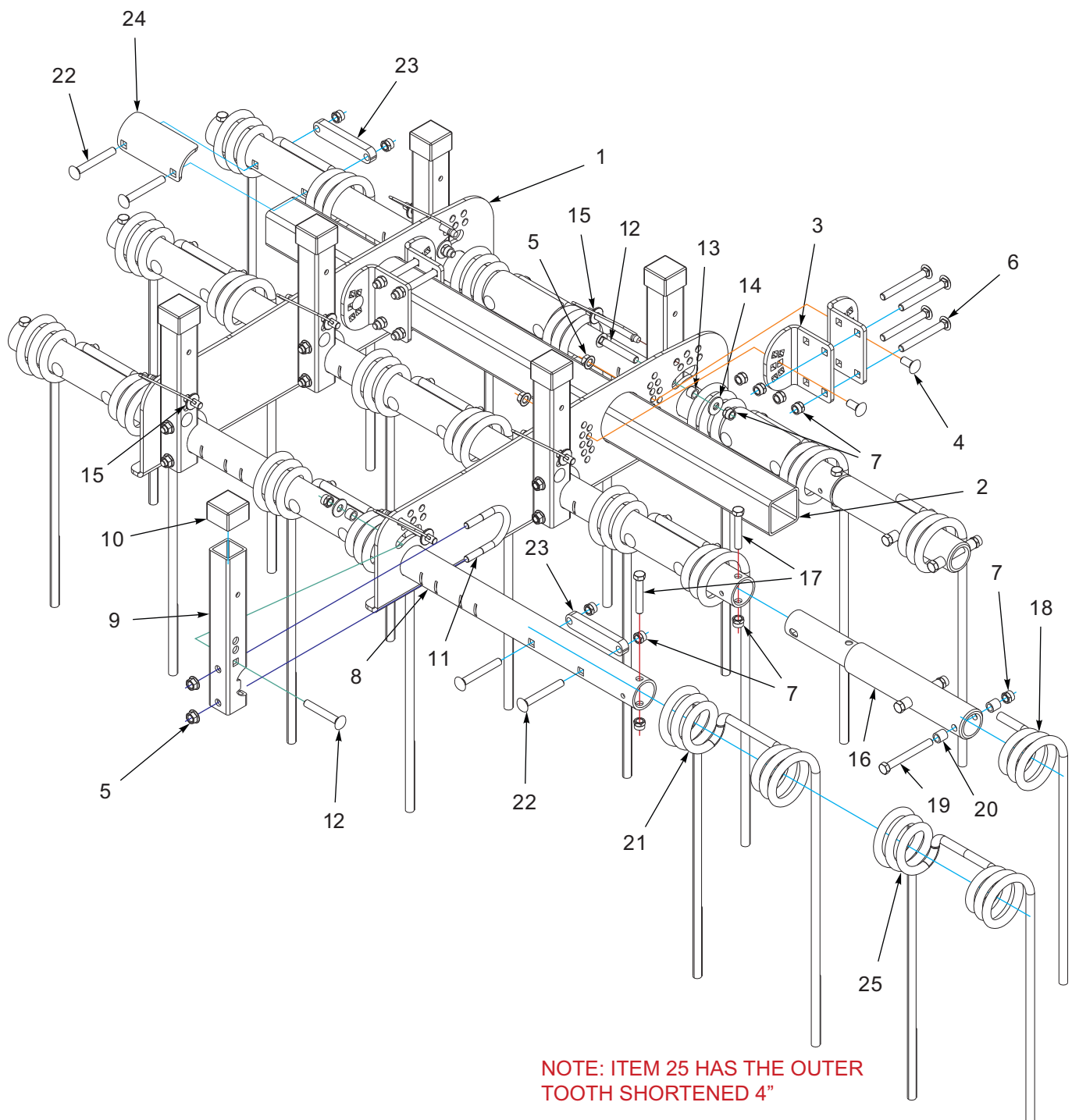


Figure 1-50: Tine Harrow Assembly

Tine Harrow Assembly

ITEM	PART NO.	DESCRIPTION	QTY.						
--	229889	ASSY, 5 TINE HARROW CTR	*						
--	229896	ASSY, 6 TINE HARROW CTR	*						
--	229923	ASSY, 3 TINE LH W/EXT	*						
--	229922	ASSY, 3 TINE RH W/EXT	*						
--	170865	ASSY, 4 TINE HARROW LH	*						
--	170864	ASSY, 4 TINE HARROW RH	*						
--	231379	ASSY, 4 TINE HARROW LH	*						
--	231378	ASSY, 4 TINE HARROW RH	*						
--	172477	ASSY, 5 TINE HARROW LH	*						
--	202567	ASSY, 5 TINE HARROW RH	*						
1	154993	PLATE GANG BAR	2	2	2	2	2	2	2
2	156778	TUBE RIDE BAR 90.5"	1	--	--	--	--	--	1
2	155005	TUBE SQ 3 X 3/16X107	--	1	--	--	--	--	--
2	170735	TUBE, RIDE BAR 51"	--	--	1	--	--	--	--
2	170870	TUBE, SQ 3 X 3/16 X 70	--	--	--	1	1	--	--
3	154998	PLATE ANGLE ADJUSTMENT	4	4	4	4	4	4	4
4	1-654-010070-02	SCREW 1/2-13X1-1/4 RD HD SQNK	4	4	4	4	4	4	4
5	1-510-010003-09	NUT, 1/2-13 FLANGE HD, SERRATED	24	24	24	24	24	24	24
6	1-654-010070-14	SCREW 1/2-13X4-1/2 RDHD SQNCK	8	8	8	8	8	8	8
7	1-512-010005-09	NUT, HEX, SLFLKG, 1/2-13 GRB	42	42	42	42	42	42	42
8	195244	GANG BAR 5 TINE 111	3	--	--	--	--	--	3
8	195274	GANG BAR 6 TINE 135	--	3	--	--	--	--	--
8	195241	GANG BAR 3 TINE 63-1/4	--	--	3	--	--	--	--
8	195243	GANG BAR 4 TINE 87-1/4	--	--	--	3	3	--	--
9	154994	TUBE ANGLE ADJUST	6	6	6	6	6	6	6
10	155927	CAP, TUBE 1.95X1.5 BLACK	6	6	6	6	6	6	6
11	154995	U-BOLT, 1/2	6	6	6	6	6	6	6
12	1-654-010070-11	SCREW, RDHD, SQNCK 1/2-13X3-1/2	6	6	6	6	6	6	6
13	155956	BUSHING ANGLE ADJUSTMENT	6	6	6	6	6	6	6
14	1-861-010032-15	WASHER, FLAT 1/2 W ZP/CD	6	6	6	6	6	6	6
15	155971	PIN, HARROW ADJ	6	6	6	6	6	6	6
16	229919	RD TUBE, TINE EXT-12"	--	--	2	--	--	--	--
17	1-654-010055-09	SCREW, HX CP, 1/2-13UNCX3 GR5	6	6	6	6	6	6	6
18	229920	TINE, HARROW SPNG RH SINGLE (SHOWN)	--	--	2	--	--	--	--
18	229921	TINE, HARROW SPNG LH SINGLE	--	--	2	--	--	--	--
19	1-654-010055-14	SCREW, HX CP, 1/2-13UNCX4-1/2G5	--	--	4	--	--	--	--
20	154997	TUBE 0.75ODX0.532IDX0.75 ZP	--	--	8	--	--	--	--
21	171421	TINE, HARROW SPRING	15	18	9	10	10	13	
22	1-654-010070-13	SCREW, RH HD, SQ NCK 1/2-13X4	20	36	18	24	24	30	
23	217570	STOP, COIL TINE 1/2"	15	18	9	12	12	15	
24	231304	RD TUBE, TINE STOP	--	--	3	4	4	5	
25	202331	TINE, HARROW SPNG RH END 5/8 (SHOWN)	--	--	--	2	2	2	
25	202332	TINE, HARROW SPNG LH END 5/8	--	--	--	2	2	2	

ILLUSTRATED PARTS LIST

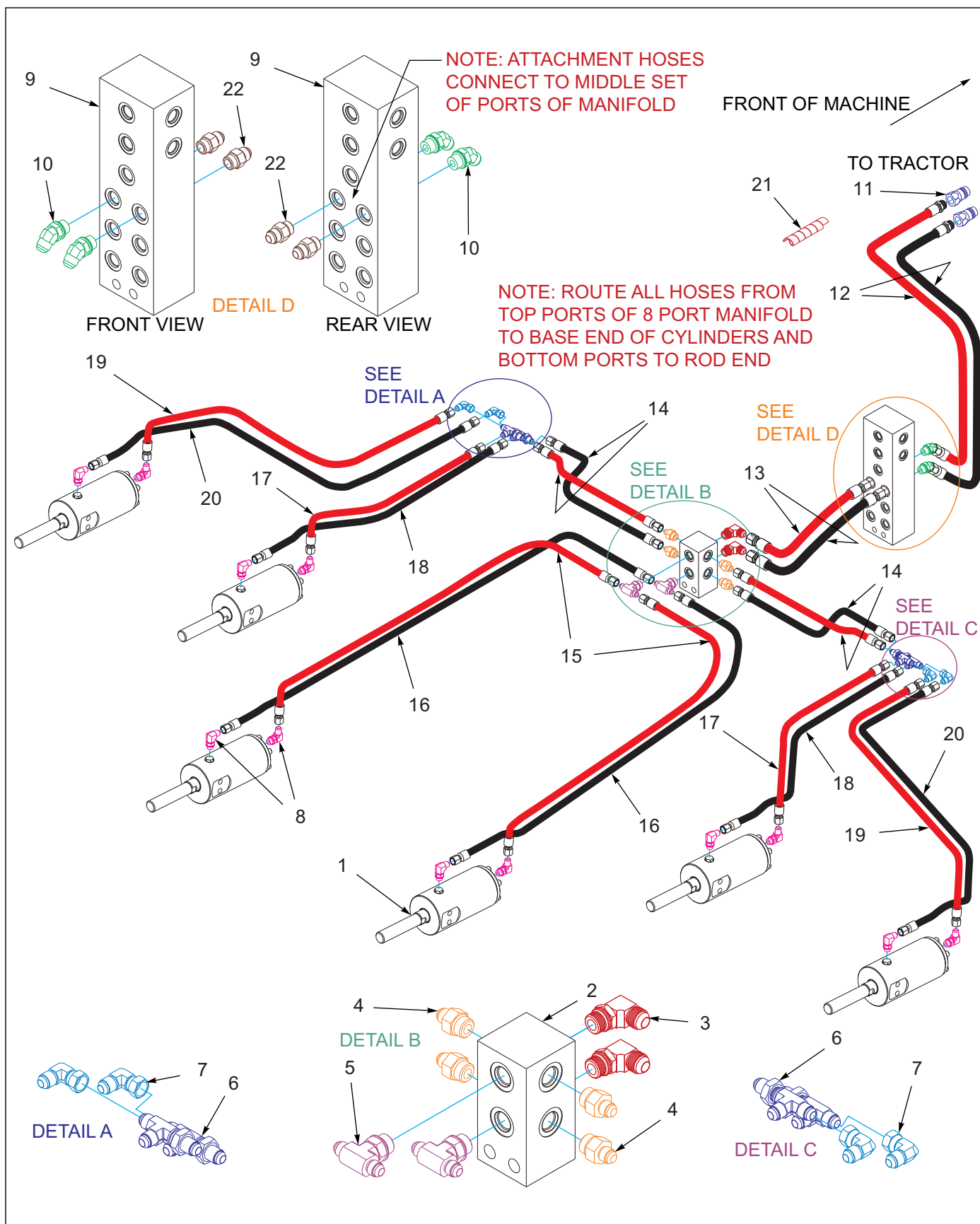


Figure 1-51: 3BCT/Chopper Hydraulic Assembly

3BCT/Chopper Hydraulic Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	206672	CYL ASM 2-1/2X3-1/2ST1-1/8THDS	6
2	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	1
3	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	2
4	202702-8-6S	ADAPTER #8 O-RING TO #6 TUBE	6
5	139347	ADT TEE #6 JIC X #8 O-RING	2
6	162569	TEE, #6 JIC BULKHD RUN, W/NUT	4
7	102-0031	ADAPTER, 90 JIC SWIVEL #6	4
8	2062-6-6S	ADAPTER, 90, #6SAE X #6 JIC	12
9	229878	MANIFOLD ASSY	1
10	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	
11	141828	COUPLER, MALE 3/4-16 O-RING	2
12	141865	HOSE ASSY 3/8X204 #8JICX#8 O/R	2
13	116436	HOSE ASSY, 3/8X255 #8 JIC SW	2
14	7779-84	HOSE HYD 1/4 X 84	4
15	71509004	HOSE .25 X 98	2
16	71509123	HOSE, .25 X 104 IN.	2
17	172979	HOSE ASSY, 1/4 X 60 #6 JIC STR	2
18	231296	HOSE ASSY, 1/4X66 #6JIC STR	2
19	231299	HOSE ASSY, 1/4X88 #6JIC STR (MODELS 2132-17-19)	2
19	71509124	HOSE ASSY 1/4 #6 JIC (2X) 116" (MODELS 2132-21-23-25)	2
20	172978	HOSE ASSY, 1/4 X 94 #6 JIC STR (MODELS 2132-17-19)	2
20	225094	HOSE ASSY, 1/4X122#6 JIC STR (MODELS 2132-21-23-25)	2
21	172973	HOSE WRAP, RED	2
22	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	2

Standard Chopper Reel Assemblies

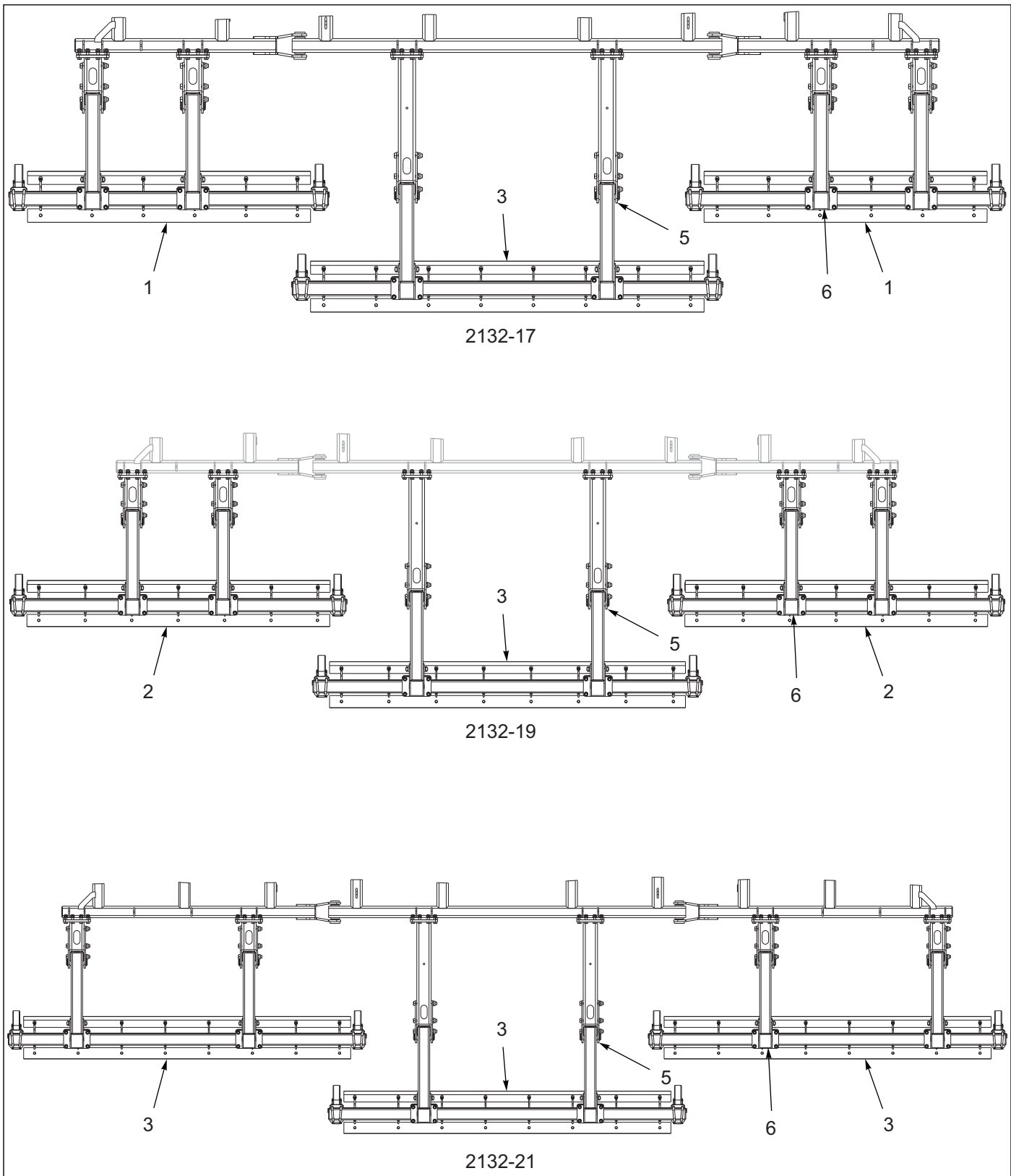


Figure 1-52: Std Chopper Reel Layout (1 of 2)

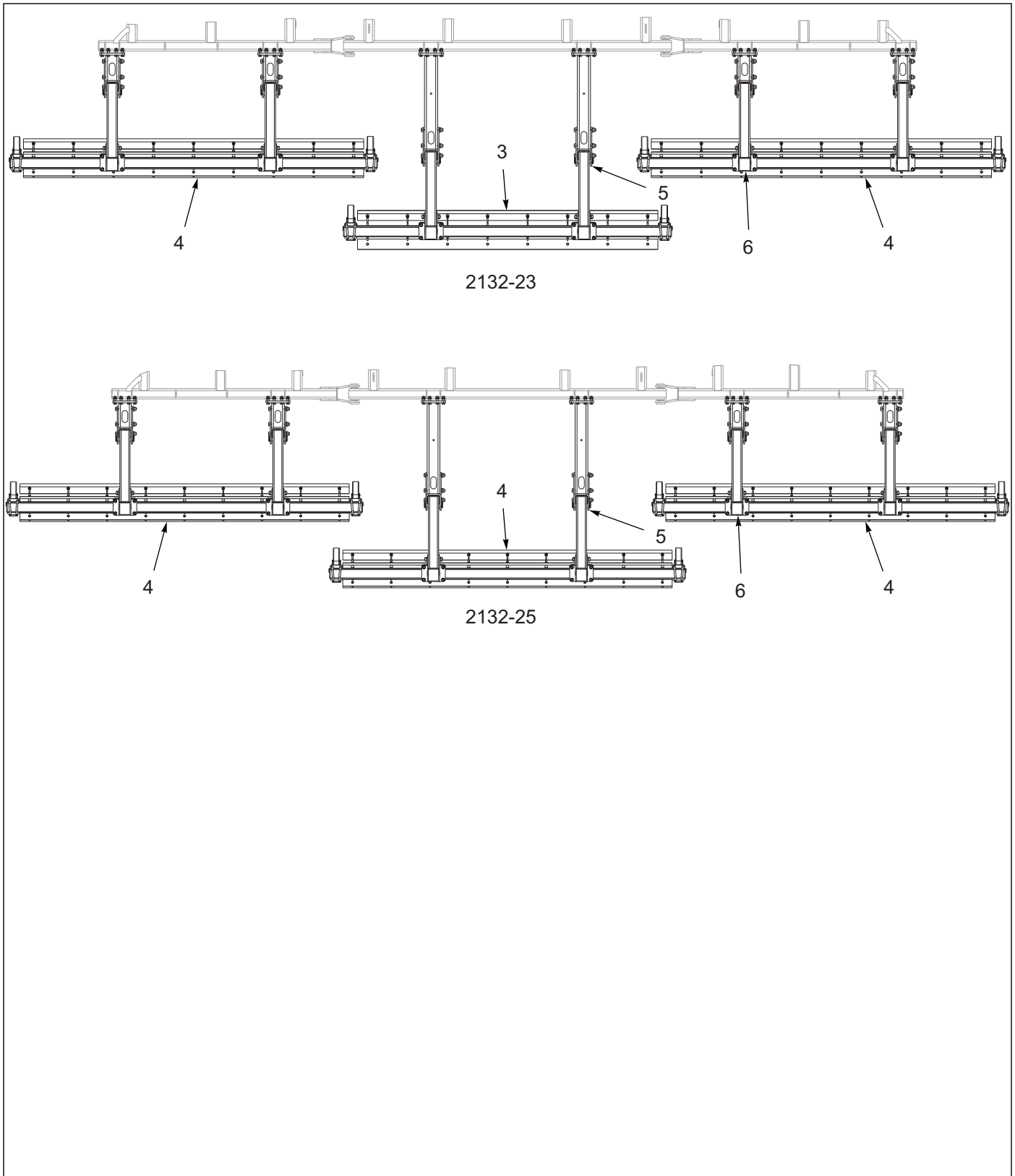


Figure 1-53: Std Chopper Reel Layout (2 of 2)

Std Chopper Reel Layout

ITEM	PART NO.	DESCRIPTION	QTY.				
--	231211	STD, CHOPPER REEL 2132-17	*				
--	231212	STD, CHOPPER REEL 2132-19		*			
--	231213	STD, CHOPPER REEL 2132-21			*		
--	231214	STD, CHOPPER REEL 2132-23				*	
--	231215	STD, CHOPPER REEL 2132-25					*
1	154407	REEL/GANGBAR ASSY 82" (SEE PAGE 1-109)	2	--	--	--	--
2	172529	REEL/GANGBAR - 97" ASSY (SEE PAGE 1-109)	--	2	--	--	--
3	154410	REEL/GANGBAR ASSY 114" (SEE PAGE 1-109)	1	1	3	1	--
4	155595	CHOPPER-REEL/GANGBAR ASSY 129" (SEE PAGE 1-109)	--	--	--	2	3
5	229998	ASSY, CHOPPER ARM LONG (SEE PAGE 1-97)	2	2	2	2	2
6	229999	ASSY, CHOPPER ARM SHORT (SEE PAGE 1-99)	4	4	4	4	4

[illegible]

ILLUSTRATED PARTS LIST

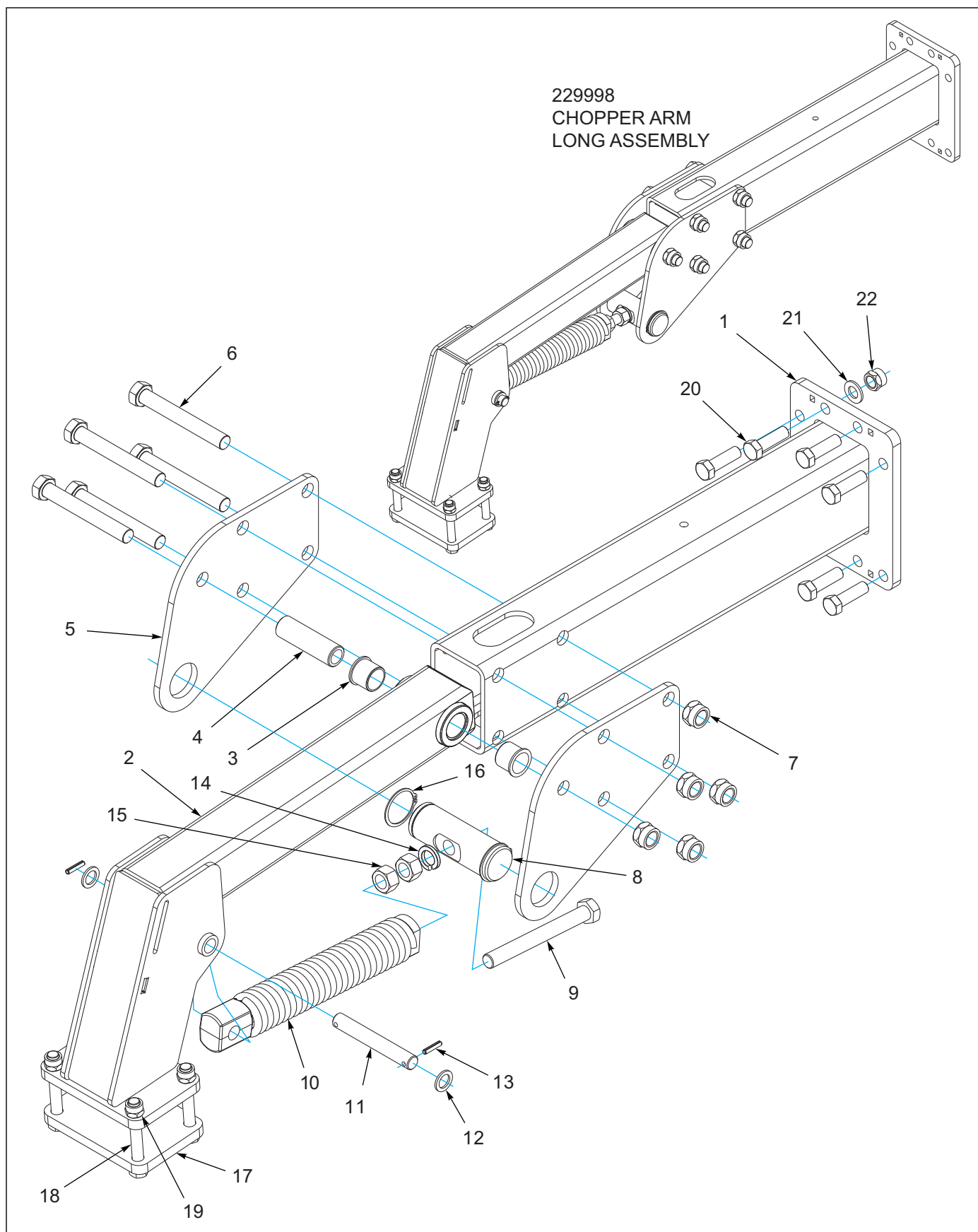


Figure 1-54: Std Chopper Arm Long Assembly

Std Chopper Arm Long Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	229998	ASSY, CHOPPER ARM LONG (INCLUDES ITEMS 1-19)	
1	229993	ARM, CHOPPER LONG WLDMT	1
2	170851	ARM WLDMT REEL	1
3	140599	BEARING, FLANGE 1-1/2"	2
4	170852	BUSHING, PIVOT - 5	1
5	223473	PLATE, SPRING MOUNT	2
6	100856	SCREW,HHCS,1-8X7-1/2 GR5	5
7	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	5
8	160199	PIN, ADJ 7-/14 W/SNAP RING	1
9	152210	BOLT, ADJ, 1 X 9	1
10	158795	SPRING ASSY, 17"	1
11	172526	PIN PIVOT	1
12	117957	MACHINERY BUSHING,ZINC PLATED	2
13	1-647-010004236	SPRING PIN,SLOTTED 5/16X1-1/2	2
14	1-861-010034-21	WASHER, LKG HEL SPRG 1IN	1
15	1-512-010007-14	NUT, HEX 1-8 GR2 ZP	2
16	158896	SNAP RING, 2-1/2 SHAFT	1
17	170862	PLATE, GANGBAR MOUNT	1
18	1-654-010087-16	SCREW,HEX CAP,3/4-16X5.50 GR8	5
19	1-512-010002-16	NUT,3/4-16 HEX,SLFLKG, GRC	5
20	104483	SCREW 3/4-10X2-1/2 HXCP ZPGR8	8
21	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	8
22	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	8

ILLUSTRATED PARTS LIST

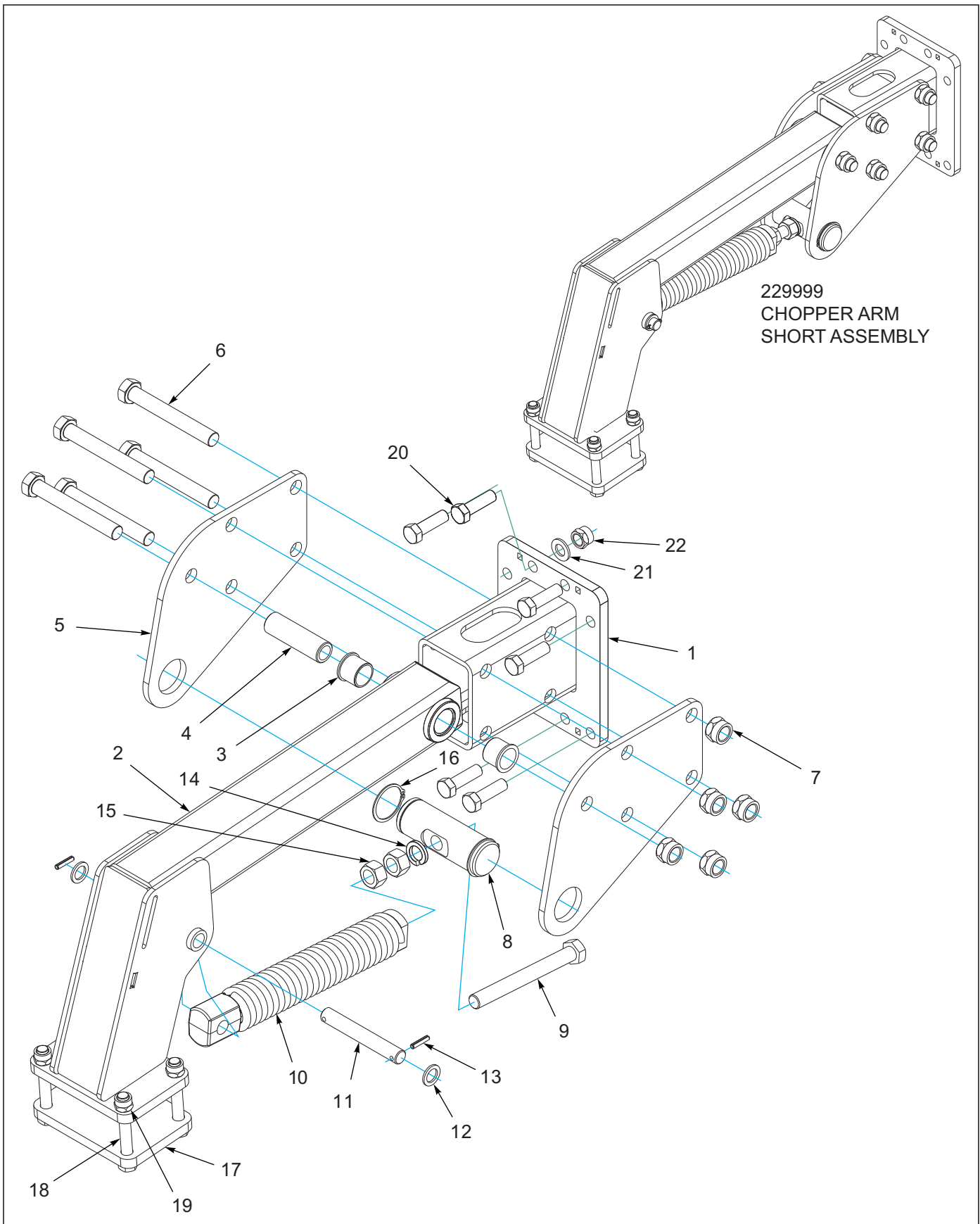


Figure 1-55: Std Chopper Arm Short Assembly

Std Chopper Arm Short Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	229999	ASSY, CHOPPER ARM SHORT (INCLUDES ITEMS 1-19)	
1	229994	ARM, CHOPPER SHORT WLDMT	1
2	170851	ARM WLDMT REEL	1
3	140599	BEARING, FLANGE 1-1/2"	2
4	170852	BUSHING, PIVOT - 5	1
5	223473	PLATE, SPRING MOUNT	2
6	100856	SCREW,HHCS,1-8X7-1/2 GR5	5
7	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	5
8	160199	PIN, ADJ 7-/14 W/SNAP RING	1
9	152210	BOLT, ADJ, 1 X 9	1
10	158795	SPRING ASSY, 17"	1
11	172526	PIN PIVOT	1
12	117957	MACHINERY BUSHING,ZINC PLATED	2
13	1-647-010004236	SPRING PIN,SLOTTED 5/16X1-1/2	2
14	1-861-010034-21	WASHER, LKG HEL SPRG 1IN	1
15	1-512-010007-14	NUT, HEX 1-8 GR2 ZP	2
16	158896	SNAP RING, 2-1/2 SHAFT	1
17	170862	PLATE, GANGBAR MOUNT	1
18	1-654-010087-16	SCREW,HEX CAP,3/4-16X5.50 GR8	5
19	1-512-010002-16	NUT,3/4-16 HEX,SLFLKG, GRC	5
20	104483	SCREW 3/4-10X2-1/2 HXCP ZPGR8	8
21	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	8
22	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	8

Hydraulic Chopper Reel Assemblies

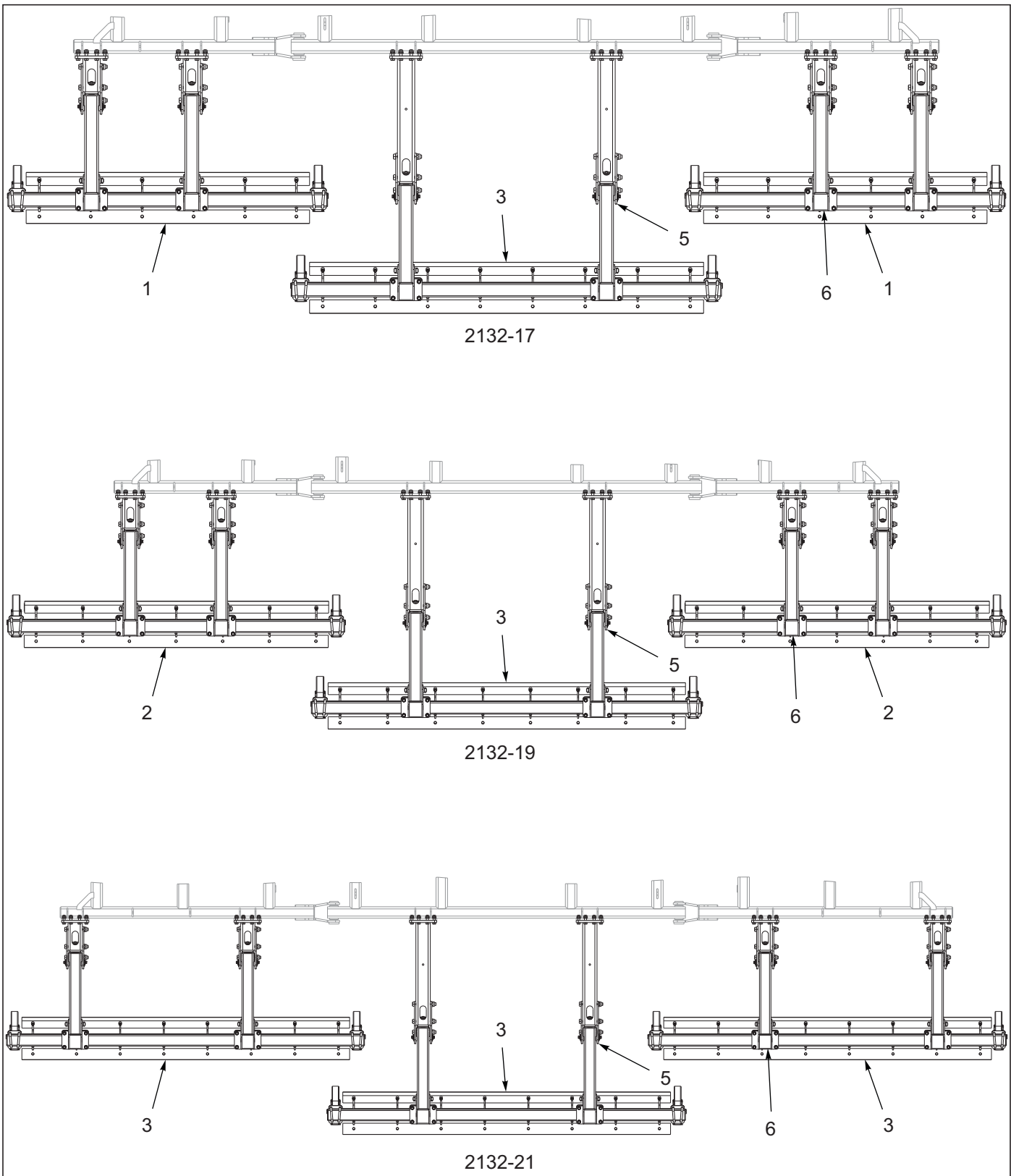


Figure 1-56: Hyd Chopper Reel Layout (1 of 2)

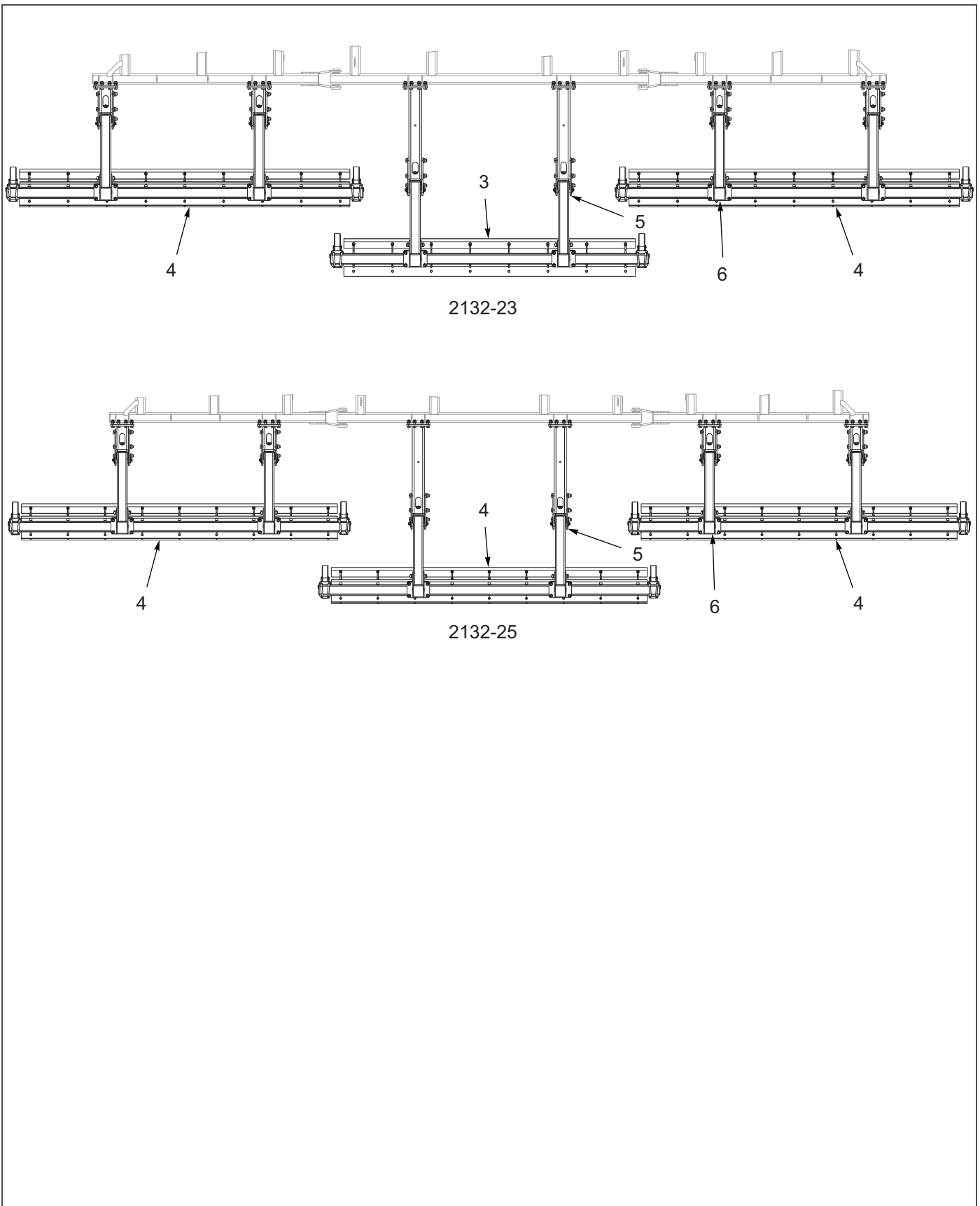


Figure 1-57: Hyd Chopper Reel Layout (2 of 2)

Hyd Chopper Reel Layout

ITEM	PART NO.	DESCRIPTION	QTY.				
--	231373	HYD, CHOPPER REEL 2132-17	*				
--	231374	HYD, CHOPPER REEL 2132-19		*			
--	231375	HYD, CHOPPER REEL 2132-21			*		
--	231376	HYD, CHOPPER REEL 2132-23				*	
--	231377	HYD, CHOPPER REEL 2132-25					*
1	154407	REEL/GANGBAR ASSY 82" (SEE PAGE 1-109)	2	--	--	--	--
2	172529	REEL/GANGBAR - 97" ASSY (SEE PAGE 1-109)	--	2	--	--	--
3	154410	REEL/GANGBAR ASSY 114" (SEE PAGE 1-109)	1	1	3	1	--
4	155595	CHOPPER-REEL/GANGBAR ASSY 129" (SEE PAGE 1-109)	--	--	--	2	3
5	231367	HYD ASSY, CHOPPER ARM LONG (SEE PAGE 1-105)	2	2	2	2	2
6	231368	HYD ASSY, CHOPPER ARM SHORT (SEE PAGE 1-107)	4	4	4	4	4

[illegible]

ILLUSTRATED PARTS LIST

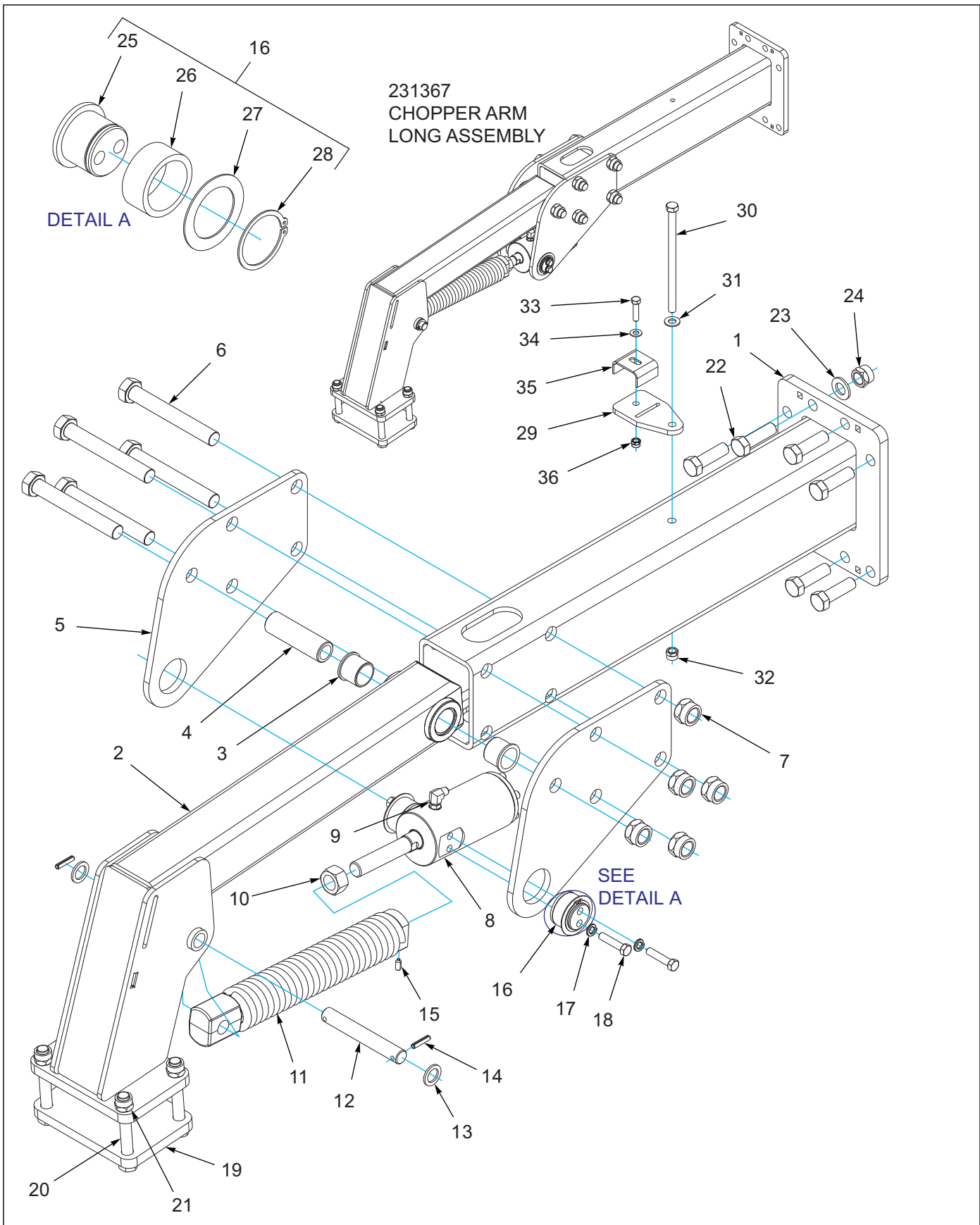


Figure 1-58: Hyd Chopper Arm Long Assembly

Hyd Chopper Arm Long Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	231367	HYD ASSY, CHOPPER ARM LONG (INCLUDES ITEMS 1-21)	
1	229993	ARM, CHOPPER LONG WLDMT	1
2	170851	ARM WLDMT REEL	1
3	140599	BEARING, FLANGE 1-1/2"	2
4	170852	BUSHING, PIVOT - 5	1
5	223473	PLATE, SPRING MOUNT	2
6	100856	SCREW,HHCS,1-8X7-1/2 GR5	5
7	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	5
8	206672	CYL ASM 2-1/2X3-1/2ST1-1/8THDS (SEE PAGE 1-62)	1
9	2062-6-6S	ADAPTER, 90, #6SAE X #6 JIC	1
10	206675	NUT, 1-1/8 -12 UNF, Z/P GR 2	1
11	206652	SPRING ASSY 17" 1-1/8 THD	1
12	172526	PIN PIVOT	1
13	117957	MACHINERY BUSHING,ZINC PLATED	2
14	1-647-010004236	SPRING PIN,SLOTTED 5/16X1-1/2	2
15	1P444	SET SCREW, 3/8-16 X 3/4 NYLON	1
16	198321	ASSY, TRUNION MOUNT 1-5/8" (INCLUDES ITEMS 25-28)	2
17	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	4
18	169690	SCREW HXCP1/2-13UNCX2-1/4 G5	4
19	170862	PLATE, GANGBAR MOUNT	1
20	1-654-010087-16	SCREW,HEX CAP,3/4-16X5.50 GR8	5
21	1-512-010002-16	NUT,3/4-16 HEX,SLFLKG, GRC	5
22	104483	SCREW 3/4-10X2-1/2 HXCP ZPGR8	8
23	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	8
24	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	8
25	188528	TRUNION, CYLINDER	1
26	188531	TRUNION, BEARING	1
27	109895	WASHER,3ODX2-1/16X14GA	1
28	188530	SNAP RING, 2 SHAFT	1
29	225198	PLATE, HOSE MOUNT	1
30	1-654-010055-22	SCREW HEX CAP 1/2-13X8-1/2	1
31	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	1
32	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	1
33	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	1
34	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	1
35	2-181-010001	HOSE CLAMP	1
36	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	1

ILLUSTRATED PARTS LIST

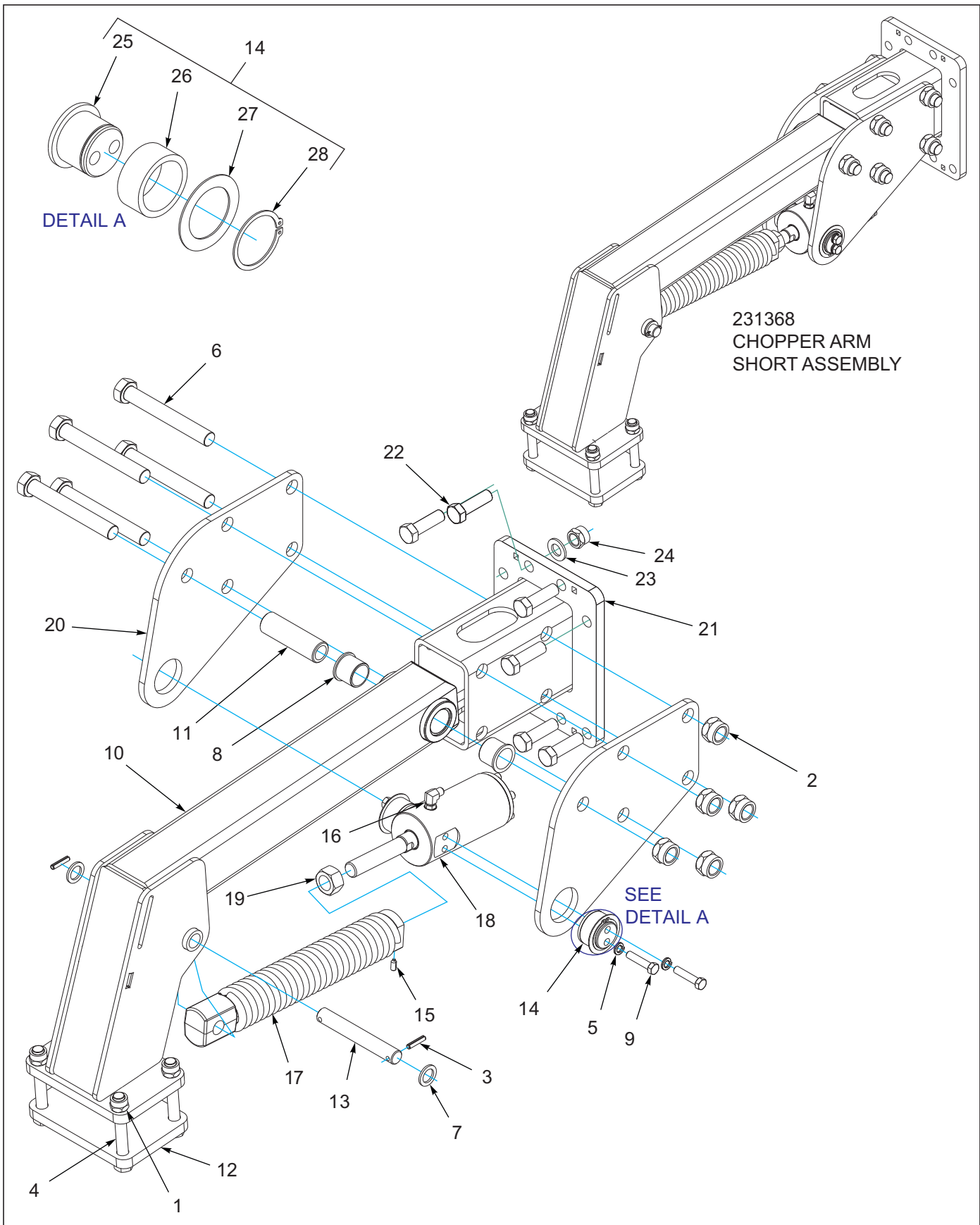


Figure 1-59: Hyd Chopper Arm Short Assembly

Hyd Chopper Arm Short Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	231368	HYD ASSY, CHOPPER ARM SHORT (INCLUDES ITEMS 1-21)	
1	1-512-010002-16	NUT,3/4-16 HEX,SLFLKG, GRC	5
2	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	5
3	1-647-010004236	SPRING PIN,SLOTTED 5/16X1-1/2	2
4	1-654-010087-16	SCREW,HEX CAP,3/4-16X5.50 GR8	5
5	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	4
6	100856	SCREW,HHCS,1-8X7-1/2 GR5	5
7	117957	MACHINERY BUSHING,ZINC PLATED	2
8	140599	BEARING, FLANGE 1-1/2"	2
9	169690	SCREW HXCP1/2-13UNCX2-1/4 G5	4
10	170851	ARM WLDMT REEL	1
11	170852	BUSHING, PIVOT - 5	1
12	170862	PLATE, GANGBAR MOUNT	1
13	172526	PIN PIVOT	1
14	198321	ASSY, TRUNION MOUNT 1-5/8" (INCLUDES ITEMS 25-28)	2
15	1P444	SET SCREW, 3/8-16 X 3/4 NYLON	1
16	2062-6-6S	ADAPTER, 90, #6SAE X #6 JIC	1
17	206652	SPRING ASSY 17" 1-1/8 THD	1
18	206672	CYL ASM 2-1/2X3-1/2ST1-1/8THDS (SEE PAGE 1-62)	1
19	206675	NUT, 1-1/8 -12 UNF, Z/P GR 2	1
20	223473	PLATE, SPRING MOUNT	2
21	229994	ARM, CHOPPER SHORT WLDMT	1
22	104483	SCREW 3/4-10X2-1/2 HXCP ZPGR8	8
23	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	8
24	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	8
25	188528	TRUNION, CYLINDER	1
26	188531	TRUNION, BEARING	1
27	109895	WASHER,3ODX2-1/16X14GA	1
28	188530	SNAP RING, 2 SHAFT	1

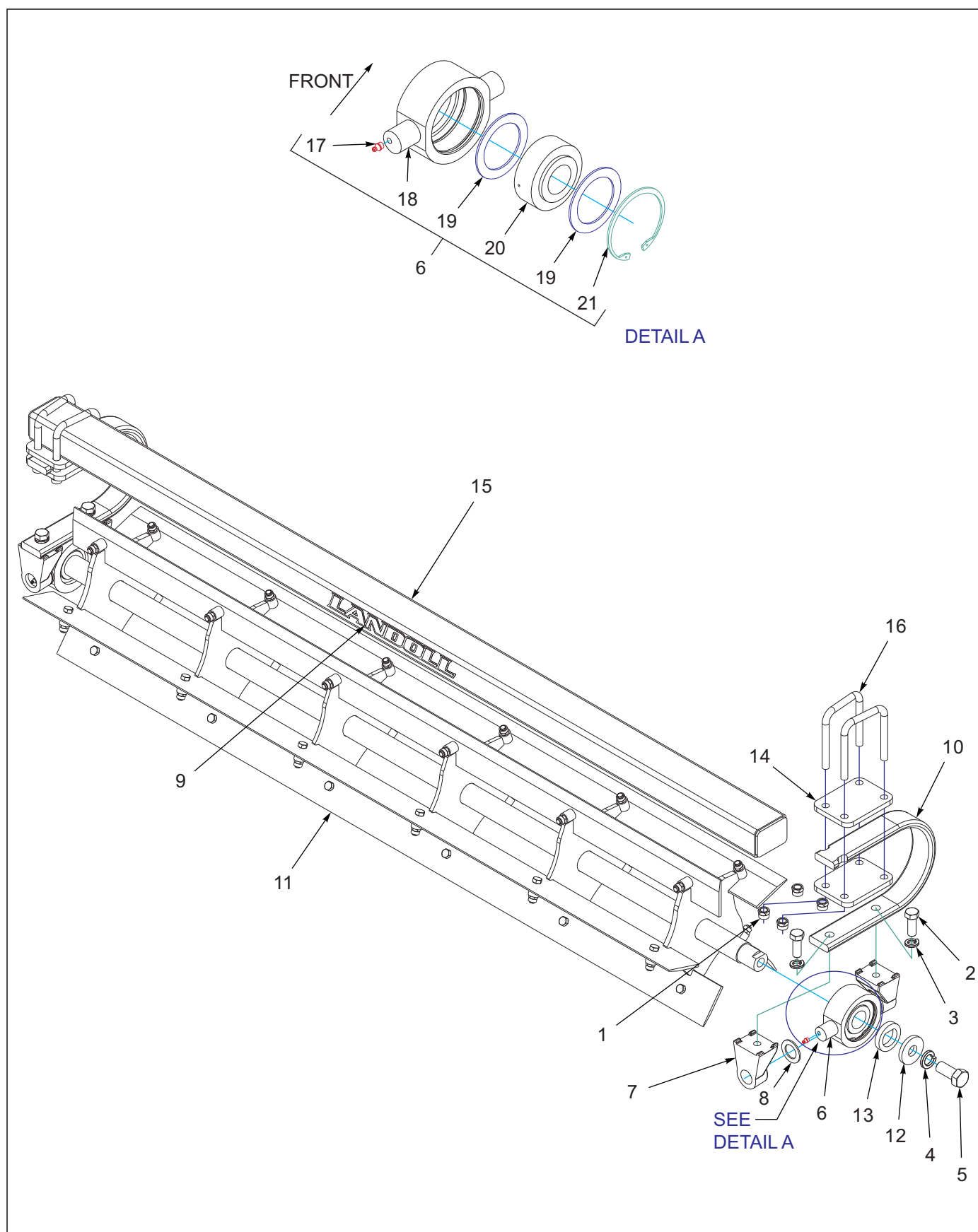


Figure 1-60: Reel/Gangbar Assembly

Reel/Gangbar Assembly

ITEM	PART NO.	DESCRIPTION	QTY.			
--	154407	REEL/GANGBAR ASSY 82"	*			
--	172529	REEL/GANGBAR - 97" ASSY	*			
--	154410	REEL/GANGBAR ASSY 114"	*			
--	155595	CHOPPER-REEL/GANGBAR ASSY 129"	*			
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	8	8	8	8
2	1-654-010032-05	SCREW HEX CAP 3/4-10X2 GR8	4	4	4	4
3	1-861-010034-17	WASHER,LKG,HLCL SPR,3/4	4	4	4	4
4	1-861-010034-21	WASHER, LKG HEL SPRG 1IN	2	2	2	2
5	137943	SCREW,HEX CAP 1-8UNCX2-1/4GR5	2	2	2	2
6	140477	BEARING, DISC 1.775 ID ASSY (INCLUDES ITEMS 17-21)	2	2	2	2
7	140479	MOUNT, TRUNNION	4	4	4	4
8	140480	WASHER, TRUNNION	2	2	2	2
9	148337	ATTACHMENT DECAL, LANDOLL	1	1	1	1
10	153716	SHANK, STRAIGHT 3/4 X 2-1/2	2	2	2	2
11	154181	REEL ASSY, 82" BLADE (SEE PAGE 1-110)	1	--	--	--
11	172528	REEL ASSY 97" BLADE (SEE PAGE 1-110)	--	1	--	--
11	154182	REEL ASSY, 114" BLADE (SEE PAGE 1-110)	--	--	1	--
11	155592	REEL ASSY 129" BLADE (SEE PAGE 1-110)	--	--	--	1
12	154185	WASHER 3/8 THICK 1" ID	2	2	2	2
13	154186	WASHER FLAT TOP	2	2	2	2
14	154393	PLATE SHANK MOUNT	4	4	4	4
15	154656	GANGBAR,92" REEL 82" WLDMT	1	--	--	--
15	155544	GANGBAR WLDMT 107" REEL 97"	--	1	--	--
15	154659	GANGBAR, 124" REEL 114" WLDMT	--	--	1	--
15	155594	GANGBAR, 139" REEL 129" WLDMT	--	--	--	1
16	6-102-010009	U-BOLT RIGID GA WHEEL	4	4	4	4
17	5000	ZERK FITTING 1/8NPT	1	1	1	1
18	140475	CASTING, TRUNNION	1	1	1	1
19	140473	WASHER, BEARING	2	2	2	2
20	140464	BEARING, DISC 1.775 ID	1	1	1	1
21	140476	INTERNAL RETAINING RING	1	1	1	1

ILLUSTRATED PARTS LIST

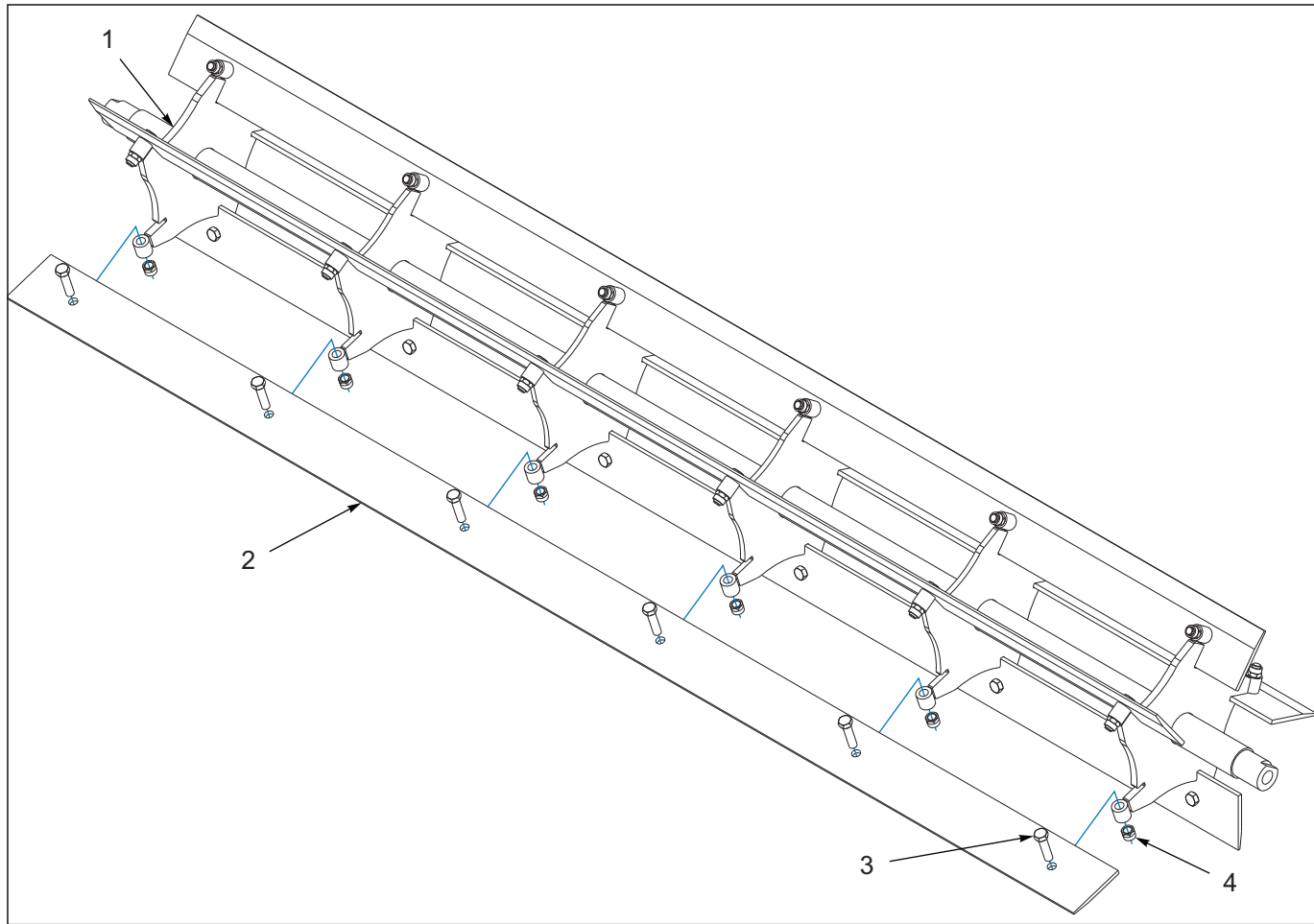


Figure 1-61: Reel Blade Assembly

Reel Blade Assembly

ITEM	PART NO.	DESCRIPTION	QTY.			
--	154181	REEL ASSY, 82" BLADE	*			
--	172528	REEL ASSY 97" BLADE	*			
--	154182	REEL ASSY, 114" BLADE	*			
--	155592	REEL ASSY 129" BLADE	*			
1	154137	REEL ASSY, 82" BLADE (NO BLADES)	1	--	--	--
1	172527	REEL, ASSY 97 IN BLADE (NO BLADES)	--	1	--	--
1	154138	REEL ASSY, 114" BLADE (NO BLADES)	--	--	1	--
1	155591	REEL ASSY 129" BLADE (NO BLADES)	--	--	--	1
2	8-622-010007	BLADE REEL 82 IN	5	--	--	--
2	172531	REEL BLADE 97 IN	--	5	--	--
2	8-622-010081	REEL BLADE 114"	--	--	5	--
2	155589	REEL BLADE 129 IN	--	--	--	5
3	1-654-010055-05	SCREW,HEX CAP,1/2-13UNCX2 GR5	30	35	40	45
4	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	30	35	40	45

[illegible]

ILLUSTRATED PARTS LIST

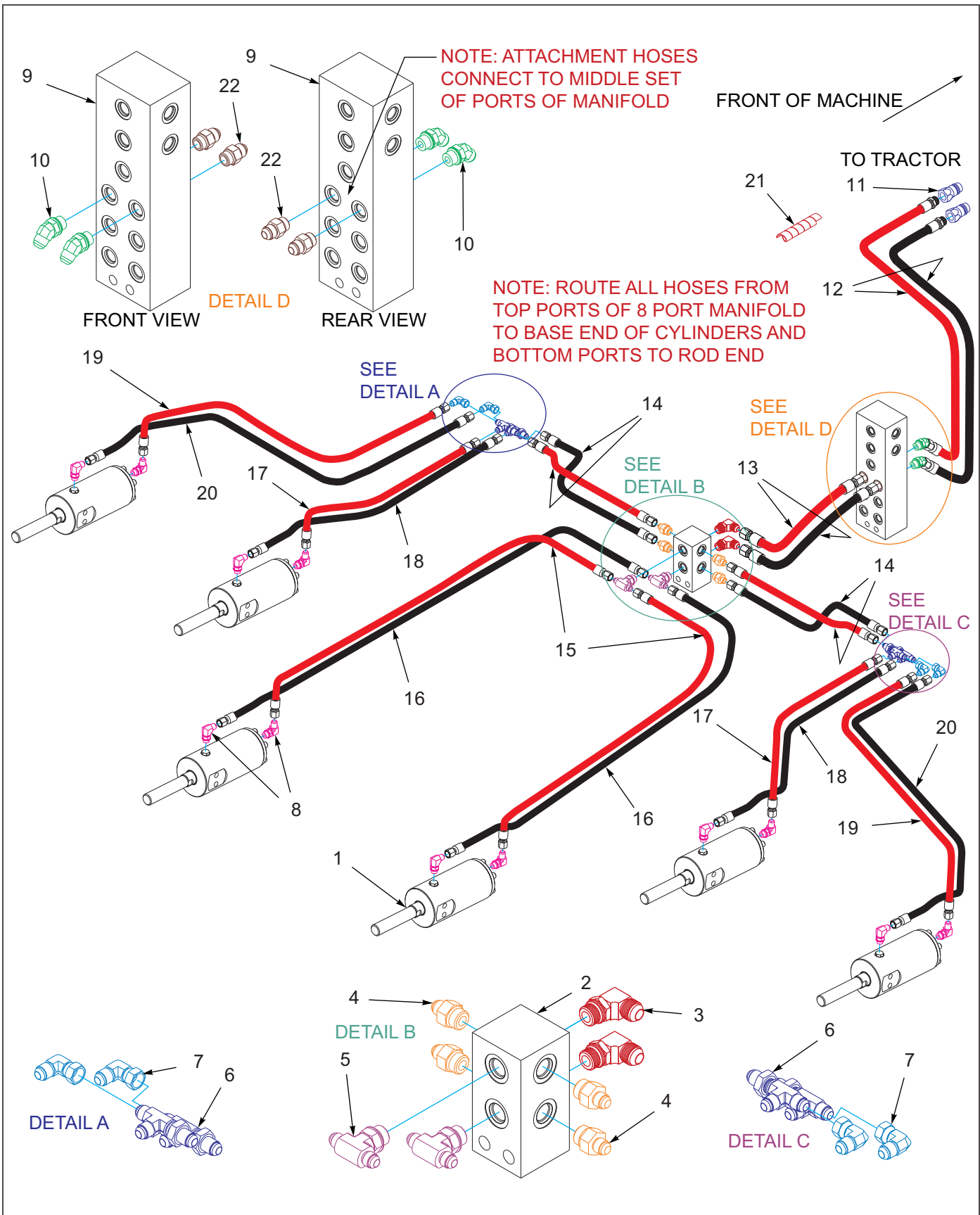


Figure 1-62: Chopper Reel Hydraulic Assembly

Chopper Reel Hydraulic Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	206672	CYL ASM 2-1/2X3-1/2ST1-1/8THDS	6
2	2-474-010022	MANIFOLD HYDRAULIC, 8 HOSE	1
3	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	2
4	202702-8-6S	ADAPTER #8 O-RING TO #6 TUBE	6
5	139347	ADT TEE #6 JIC X #8 O-RING	2
6	162569	TEE, #6 JIC BULKHD RUN, W/NUT	4
7	102-0031	ADAPTER, 90 JIC SWIVEL #6	4
8	2062-6-6S	ADAPTER, 90, #6SAE X #6 JIC	12
9	229878	MANIFOLD ASSY	1
10	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	2
11	141828	COUPLER, MALE 3/4-16 O-RING	2
12	141865	HOSE ASSY 3/8X204 #8JICX#8 O/R	2
13	116436	HOSE ASSY, 3/8X255 #8 JIC SW	2
14	7779-84	HOSE HYD 1/4 X 84	4
15	7779-72	HOSE HYD 1/4 X 72	2
16	7779-78	HOSE HYD 1/4 X 78	2
17	71509008	HOSE ASM 1/4 X40	2
18	71500165	HOSE, .25 X 46 IN.	2
19	173000	HOSE ASSY, 1/4 X 68 #6 JIC STR (MODELS 2132-17-19)	2
19	172978	HOSE ASSY, 1/4 X 94 #6 JIC STR (MODELS 2132-21-23-25)	2
20	228264	HOSE ASSY, 1/4X73#6JIC STR (MODELS 2132-17-19)	2
20	225093	HOSE ASSY, 1/4X100#6 JIC STR (MODELS 2132-21-23-25)	2
21	172973	HOSE WRAP, RED	2
22	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	2

Hyd Disc Lev/Reel Assembly

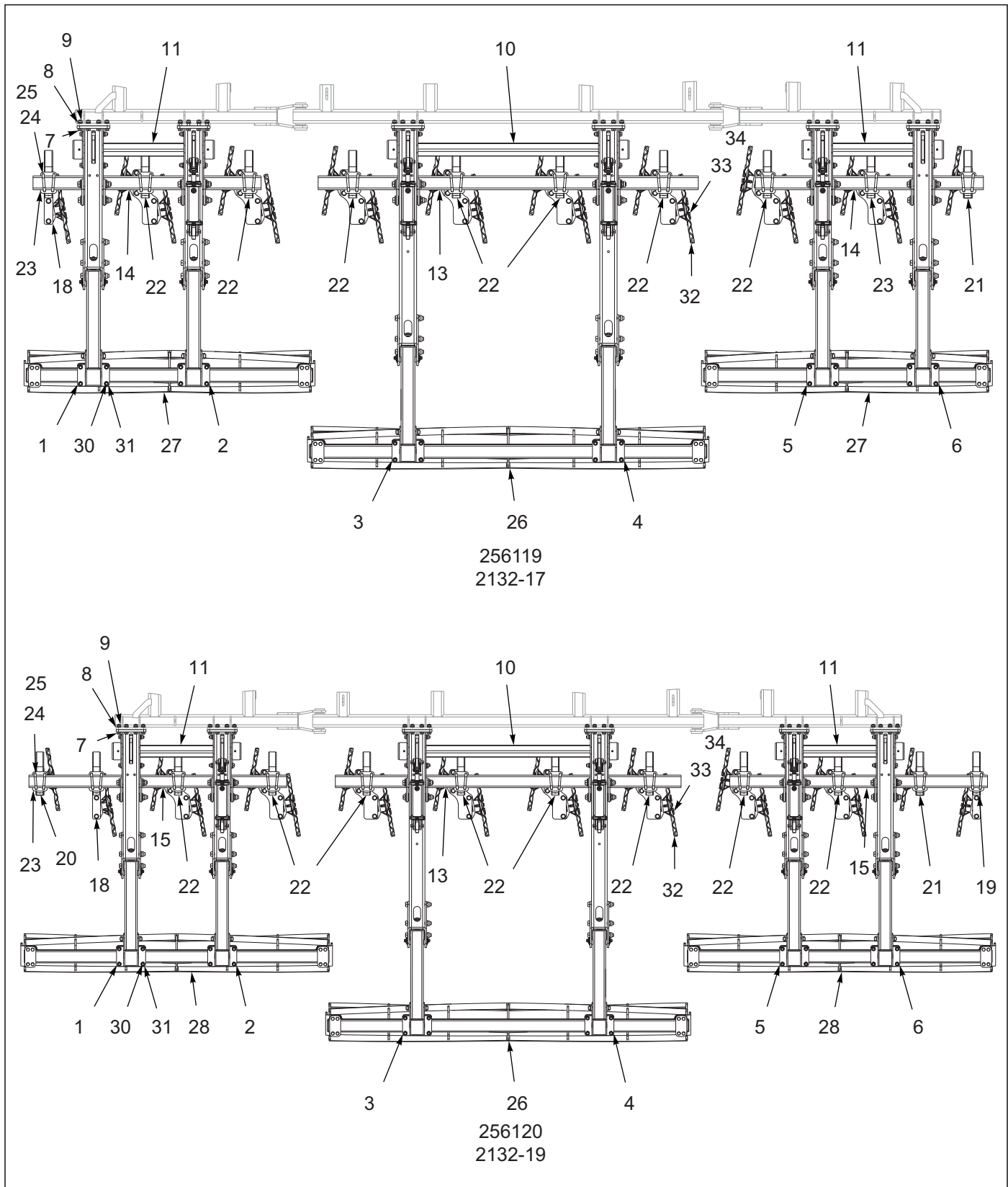


Figure 1-63: Hyd Disc Lev/Reel Layout (1 of 2)

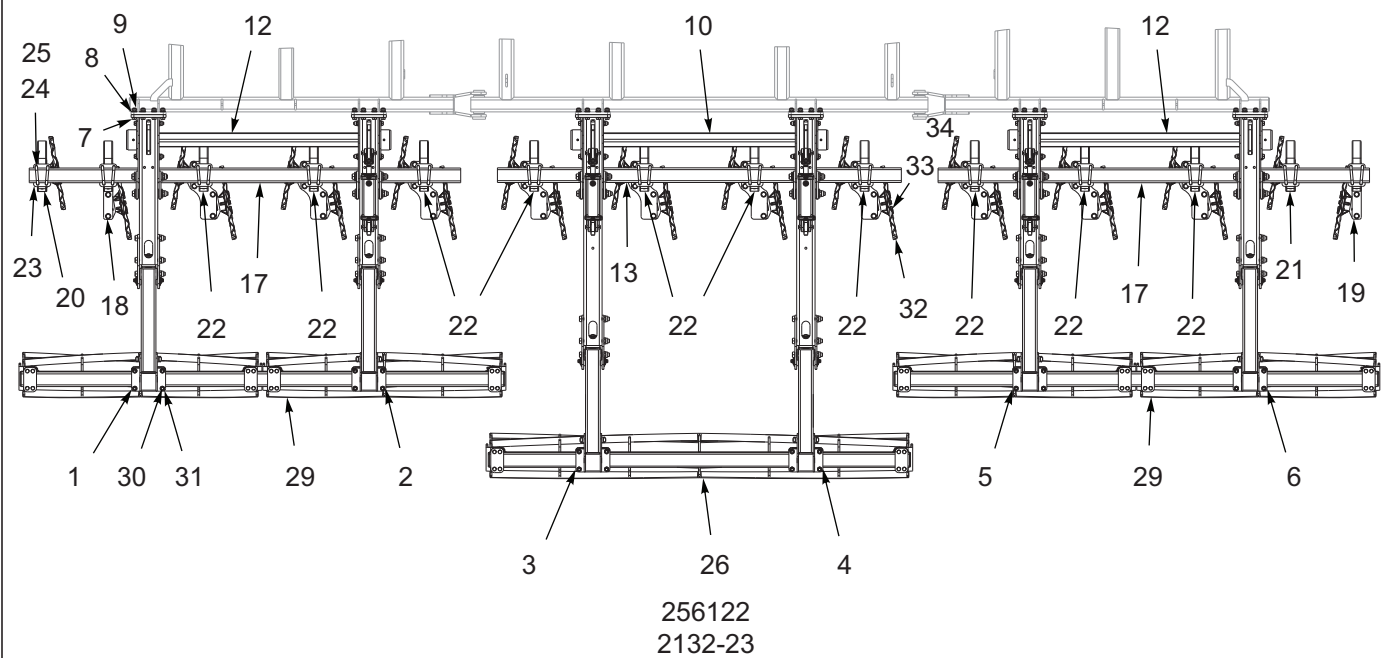
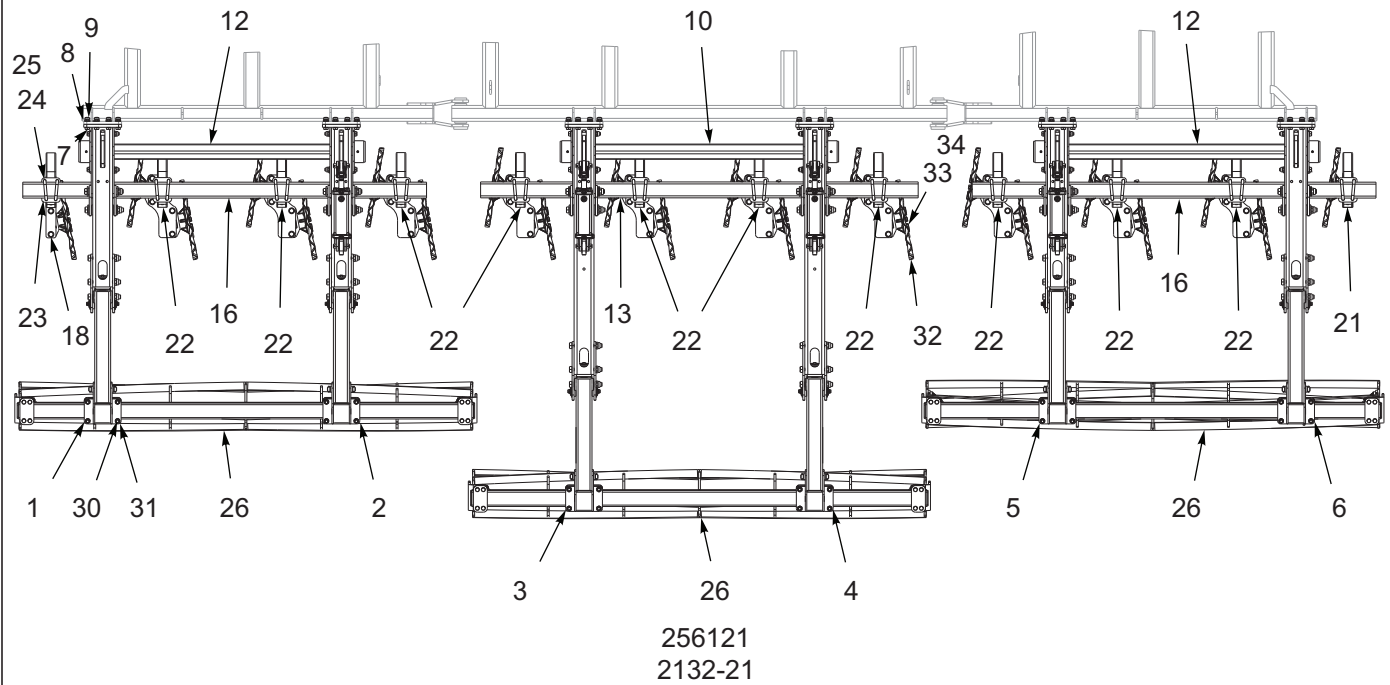


Figure 1-64: Hyd Disc Lev/Reel Layout (2 of 2)

ILLUSTRATED PARTS LIST

Hyd Disc Lev/Reel Layout

ITEM	PART NO.	DESCRIPTION	QTY.			
--	256119	HYD, DISC LEV/REEL 2132-17	*			
--	256120	HYD, DISC LEV/REEL 2132-19	*			
--	256121	HYD, DISC LEV/REEL 2132-21	*			
--	256122	HYD, DISC LEV/REEL 2132-23	*			
1	259999	ASSY, LIVE ARM NO HYD LT (SEE PAGE 1-127)	1	1	1	1
2	259994	ASSY, LIVE HYD ARM 3-1/4X8 RT (SEE PAGE 1-119)	1	1	1	1
3	259996	ASSY, LIVE HYD ARM 3-1/2X8 LT LG (SEE PAGE 1-123)	1	1	1	1
4	259992	ASSY, LIVE HYD ARM 3-1/2X8 RT LG (SEE PAGE 1-123)	1	1	1	1
5	259998	ASSY, LIVE HYD ARM 3-1/4X8 LT (SEE PAGE 1-119)	1	1	1	1
6	259995	ASSY, LIVE ARM NO HYD RT (SEE PAGE 1-127)	1	1	1	1
7	104483	SCREW 3/4-10X2-1/2 HXCP ZPGR8	48	48	48	48
8	1-861-010032-20	WASHER, FLAT, 3/4 N ZP/CD	48	48	48	48
9	1-512-010005-15	NUT, HEX, SLFLKG GRB 3/4-10	48	48	48	48
10	256095	SQ TUBE, DISC LIFT X 69 L	1	1	1	1
11	256094	SQ TUBE, DISC LIFT X 40 L	2	2	--	--
12	256127	SQ TUBE, DISC LIFT X 71 L	--	--	2	2
13	256092	TUBE, WING DISC 110" L	1	1	1	1
14	256152	TUBE, WING DISC 66" L	2	--	--	--
15	256093	TUBE, WING DISC 82" L	--	2	--	--
16	256150	TUBE, DISC 101-1/2 L	--	--	2	--
17	256151	TUBE, DISC 117-1/2 L	--	--	--	2
18	241890	ASSY MOUNT, COVER DISC LT LONG (SEE PAGE 1-135)	1	1	1	1
19	256162	ASSY MOUNT COVER DISC RT LONG (SEE PAGE 1-135)	--	1	--	1
20	256163	ASSY MOUNT COVER DISC LT SHORT (SEE PAGE 1-133)	--	1	--	1
21	241889	ASSY MOUNT COVER DISC RT SHORT (SEE PAGE 1-133)	--	1	--	1
22	256160	ASSY MOUNT, WAVY DISC CTR (SEE PAGE 1-131)	8	8	10	10
23	154393	PLATE SHANK MOUNT	20	24	24	28
24	6-102-010009	U-BOLT RIGID GA WHEEL	20	24	24	28
25	1-512-010005-13	NUT, HEX SLFLKG GRB 5/8-11	40	48	48	56
26	241846	ASSY, 114" REEL/GANGBAR (SEE PAGE 1-137)	1	1	3	1
27	241842	ASSY, 82" REEL/GANGBAR (SEE PAGE 1-137)	2	--	--	--
28	241845	ASSY, 97" REEL/GANGBAR (SEE PAGE 1-137)	--	2	--	--
29	241847	ASSY, 130-1/2" REEL/GANGBAR (SEE PAGE 1-137)	--	--	--	2
30	1-654-010087-16	SCREW, HEX CAP, 3/4-16X5.50 GR8	30	30	30	30
31	1-512-010002-16	NUT, 3/4-16 HEX, SLFLKG, GRC	30	30	30	30
32	257264	COULTER BLADE, 20" 13 WAVE	18	20	22	24
33	1-654-010059-02	SCREW, HEX CAP, 5/8-11X1-1/4GR5	90	100	110	120
34	1-861-010034-15	WASHER, LKG, HLCL SPR, 5/8	90	100	110	120

[illegible]

ILLUSTRATED PARTS LIST

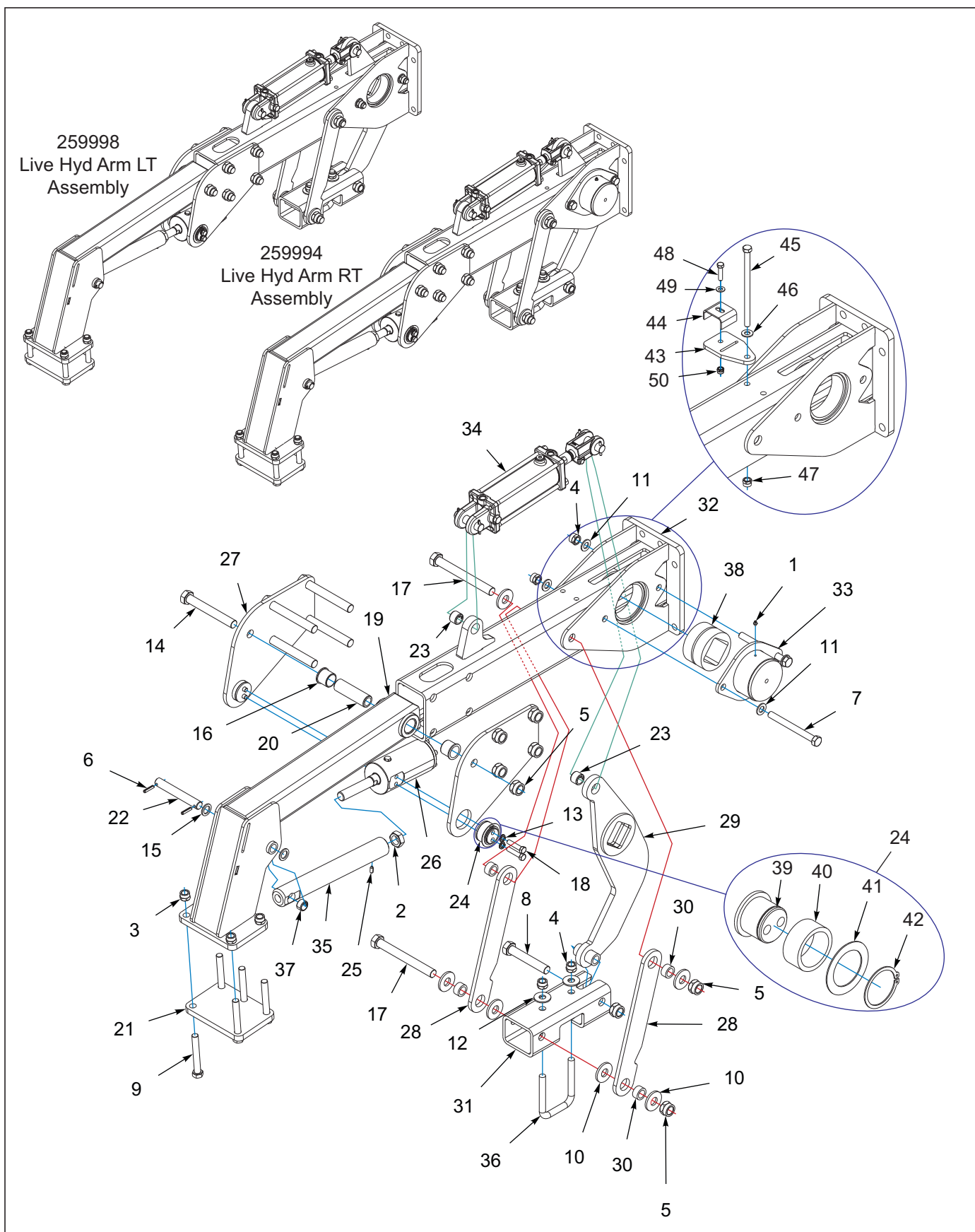


Figure 1-65: Live Hyd Arm Assembly

Live Hyd Arm Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	259994	ASSY, LIVE HYD ARM 3-1/4X8 RT	
--	259998	ASSY, LIVE HYD ARM 3-1/4X8 LT	
1	1-298-010001-1	ZERK FITTING 1/4 SAE	1
2	1-511-010002-11	NUT,HEX JAM,1-1/8-12 UNF,GR2	1
3	1-512-010002-16	NUT,3/4-16 HEX,SLFLKG, GRC	5
4	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	4
5	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	8
6	1-647-010004236	SPRING PIN,SLOTTED 5/16X1-1/2	2
7	1-654-010061-20	SCREW HX CP 3/4-10UNCX7-1/2G5	2
8	1-654-010065-17	SCREW, HEX CAP, 1-8UNCX6, GR5	1
9	1-654-010087-16	SCREW,HEX CAP,3/4-16X5.50 GR8	5
10	1-861-010005	WASHER, SPINDLE 1	6
11	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	4
12	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	2
13	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	4
14	100856	SCREW,HHCS,1-8X7-1/2 GR5	5
15	117957	MACHINERY BUSHING,ZINC PLATED	2
16	140599	BEARING, FLANGE 1-1/2"	2
17	154888	SCREW HEX CAP, 1-8UNCX9 GR5	2
18	169690	SCREW HXCP1/2-13UNCX2-1/4 G5	4
19	170851	ARM WLDMT REEL	1
20	170852	BUSHING, PIVOT - 5	1
21	170862	PLATE, GANGBAR MOUNT	1
22	172526	PIN PIVOT	1
23	192890	BUSHING 1-3/8ODX1 IDX1 STEEL	2
24	198321	ASSY, TRUNION MOUNT 1-5/8"	2
25	1P444	SET SCREW, 3/8-16 X 3/4 NYLON	1
26	206672	CYL ASM 2-1/2X3-1/2ST1-1/8THDS (SEE PAGE 1-62)	1
27	223473	PLATE, SPRING MOUNT	2
28	240409	LINK, PARALLEL ARM	2
29	240427	ARM, DISC LIFT W/ CYL	1
30	240431	BUSHING, PIVOT 3/4 L	4
31	241880	TUBE MOUNT, GANG BAR	1
32	246705	ARM, DISC LEVEL HYD	1
33	246715	CAP, DISC LEVELER BRG	1
34	247534	CYLINDER, 3-1/4 X 8, REPHASE (SEE PAGE 1-58)	1
35	256199	LINK, HYD REELS 17-1/2 L	1
36	3J451	U-BOLT 3/4-10 X 4 X 4	1
37	3P079	SPRING BUSHING,1 X 1.25 X 0.75	2
38	8J187	BEARING	1
39	188528	TRUNION, CYLINDER	1
40	188531	TRUNION, BEARING	1
41	109895	WASHER,3ODX2-1/16X14GA	1
42	188530	SNAP RING, 2 SHAFT	1
43	225198	PLATE, HOSE MOUNT	1
44	2-181-010001	HOSE CLAMP	1
45	1-654-010055-22	SCREW HEX CAP 1/2-13X8-1/2	1
46	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	1
47	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	1

Live Hyd Arm Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
48	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	1
49	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	1
50	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	1

[illegible]

ILLUSTRATED PARTS LIST

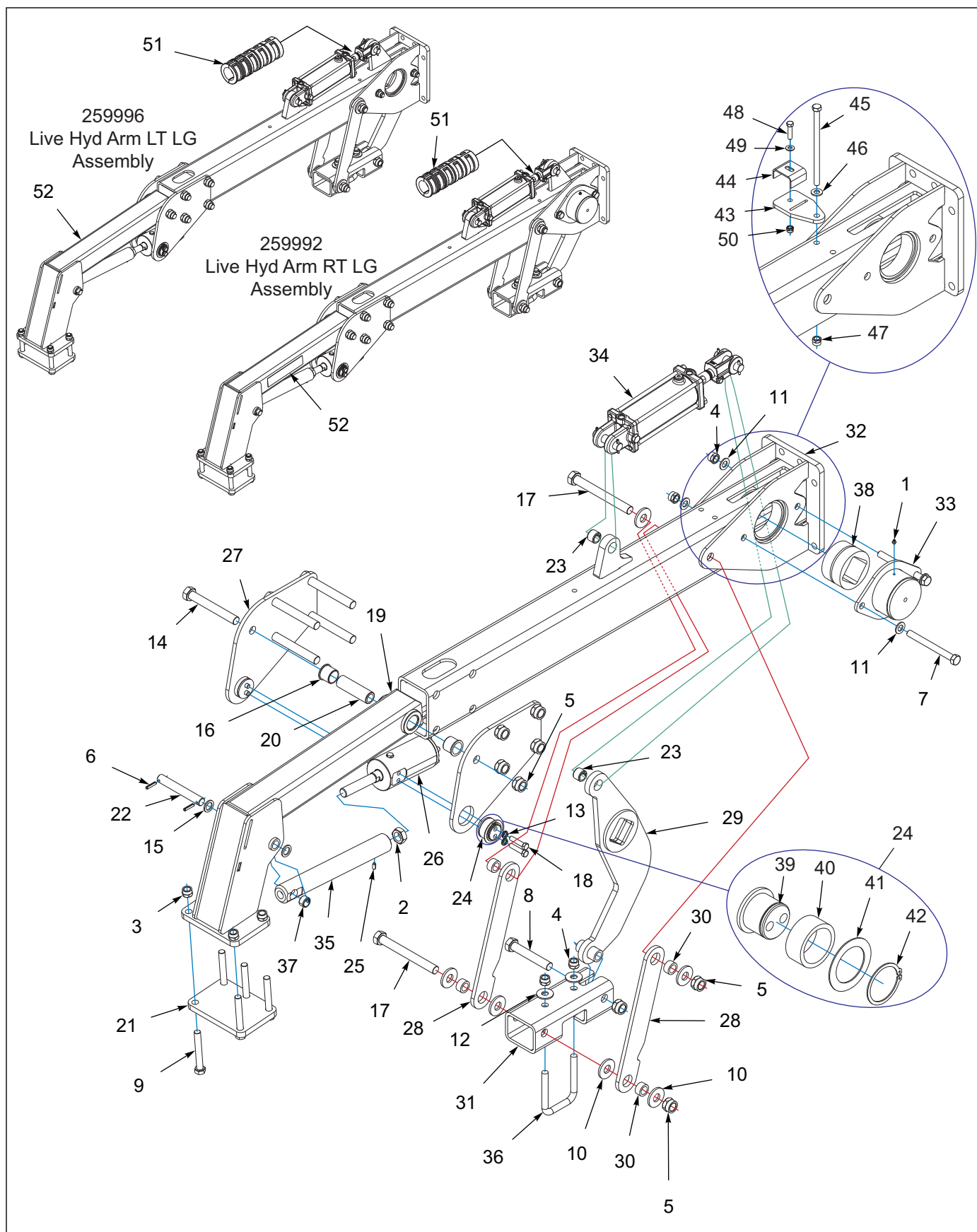


Figure 1-66: Live Hyd Arm LG Assembly

Live Hyd Arm LG Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	259992	ASSY,LIVE HYDARM 3-1/2X8 RT LG	
--	259996	ASSY,LIVE HYDARM 3-1/2X8 LT LG	
1	1-298-010001-1	ZERK FITTING 1/4 SAE	1
2	1-511-010002-11	NUT,HEX JAM,1-1/8-12 UNF,GR2	1
3	1-512-010002-16	NUT,3/4-16 HEX,SLFLKG, GRC	5
4	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	4
5	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	8
6	1-647-010004236	SPRING PIN,SLOTTED 5/16X1-1/2	2
7	1-654-010061-20	SCREW HX CP 3/4-10UNCX7-1/2G5	2
8	1-654-010065-17	SCREW, HEX CAP, 1-8UNCX6, GR5	1
9	1-654-010087-16	SCREW,HEX CAP,3/4-16X5.50 GR8	5
10	1-861-010005	WASHER, SPINDLE 1	6
11	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	4
12	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	2
13	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	4
14	100856	SCREW,HHCS,1-8X7-1/2 GR5	5
15	117957	MACHINERY BUSHING,ZINC PLATED	2
16	140599	BEARING, FLANGE 1-1/2"	2
17	154888	SCREW HEX CAP, 1-8UNCX9 GR5	2
18	169690	SCREW HXCP1/2-13UNCX2-1/4 G5	4
19	170851	ARM WLDMT REEL	1
20	170852	BUSHING, PIVOT - 5	1
21	170862	PLATE, GANGBAR MOUNT	1
22	172526	PIN PIVOT	1
23	192890	BUSHING 1-3/8ODX1 IDX1 STEEL	2
24	198321	ASSY, TRUNION MOUNT 1-5/8"	2
25	1P444	SET SCREW, 3/8-16 X 3/4 NYLON	1
26	206672	CYL ASM 2-1/2X3-1/2ST1-1/8THDS (SEE PAGE 1-62)	1
27	223473	PLATE, SPRING MOUNT	2
28	240409	LINK, PARALLEL ARM	2
29	240427	ARM, DISC LIFT W/ CYL	1
30	240431	BUSHING, PIVOT 3/4 L	4
31	241880	TUBE MOUNT, GANG BAR	1
32	246704	ARM, DISC LEVEL HYD LG	1
33	246715	CAP, DISC LEVELER BRG	1
34	247535	CYLINDER, 3-1/2 X 8, REPHASE (SEE PAGE 1-58)	1
35	256199	LINK, HYD REELS 17-1/2 L	1
36	3J451	U-BOLT 3/4-10 X 4 X 4	1
37	3P079	SPRING BUSHING,1 X 1.25 X 0.75	2
38	8J187	BEARING	1
39	188528	TRUNION, CYLINDER	1
40	188531	TRUNION, BEARING	1
41	109895	WASHER,3ODX2-1/16X14GA	1
42	188530	SNAP RING, 2 SHAFT	1
43	225198	PLATE, HOSE MOUNT	1
44	2-181-010001	HOSE CLAMP	1
45	1-654-010055-22	SCREW HEX CAP 1/2-13X8-1/2	1
46	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	1
47	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	1

Live Hyd Arm LG Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
48	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	1
49	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	1
50	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	1
51	1P332	STROKE CONTROL SEG SET, 1 1/2"	2
52	528934	REFLECTOR - YELLOW	1

[illegible]

ILLUSTRATED PARTS LIST

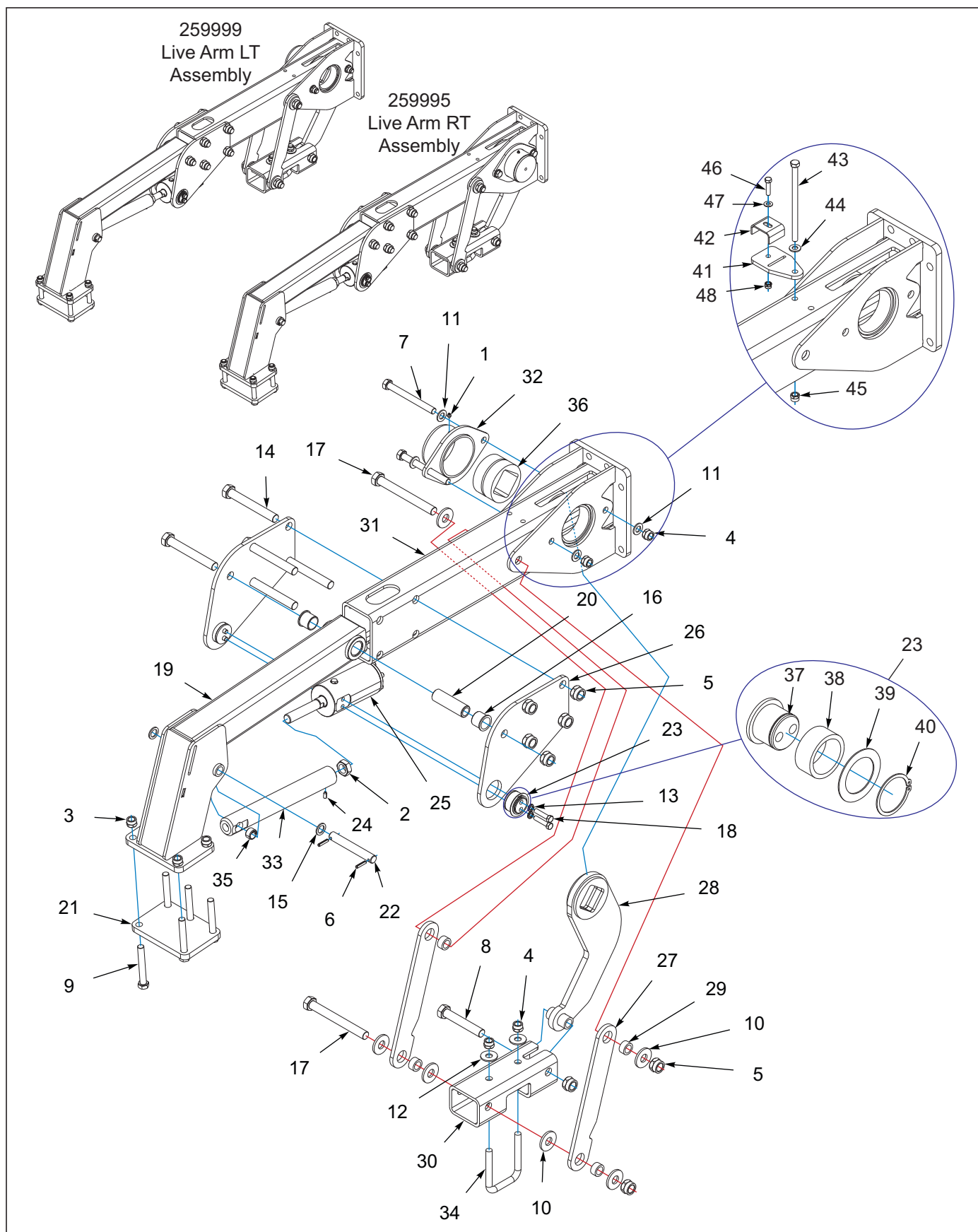


Figure 1-67: Live Hyd Arm No Hyd Assembly

Live Hyd Arm No Hyd Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	259999	ASSY, LIVE ARM NO HYD LT	
--	259995	ASSY, LIVE ARM NO HYD RT	
1	1-298-010001-1	ZERK FITTING 1/4 SAE	1
2	1-511-010002-11	NUT,HEX JAM,1-1/8-12 UNF,GR2	1
3	1-512-010002-16	NUT,3/4-16 HEX,SLFLKG, GRC	5
4	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	4
5	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	8
6	1-647-010004236	SPRING PIN,SLOTTED 5/16X1-1/2	2
7	1-654-010061-20	SCREW HX CP 3/4-10UNCX7-1/2G5	2
8	1-654-010065-17	SCREW, HEX CAP, 1-8UNCX6, GR5	1
9	1-654-010087-16	SCREW,HEX CAP,3/4-16X5.50 GR8	5
10	1-861-010005	WASHER, SPINDLE 1	6
11	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	4
12	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	2
13	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	4
14	100856	SCREW,HHCS,1-8X7-1/2 GR5	5
15	117957	MACHINERY BUSHING,ZINC PLATED	2
16	140599	BEARING, FLANGE 1-1/2"	2
17	154888	SCREW HEX CAP, 1-8UNCX9 GR5	2
18	169690	SCREW HXCP1/2-13UNCX2-1/4 G5	4
19	170851	ARM WLDMT REEL	1
20	170852	BUSHING, PIVOT - 5	1
21	170862	PLATE, GANGBAR MOUNT	1
22	172526	PIN PIVOT	1
23	198321	ASSY, TRUNION MOUNT 1-5/8"	2
24	1P444	SET SCREW, 3/8-16 X 3/4 NYLON	1
25	206672	CYL ASM 2-1/2X3-1/2ST1-1/8THDS (SEE PAGE 1-62)	1
26	223473	PLATE, SPRING MOUNT	2
27	240409	LINK, PARALLEL ARM	2
28	240428	ARM, DISC LIFT	1
29	240431	BUSHING, PIVOT 3/4 L	4
30	241880	TUBE MOUNT, GANG BAR	1
31	246706	ARM, DISC LEVEL NO CYL	1
32	246715	CAP, DISC LEVELER BRG	1
33	256199	LINK, HYD REELS 17-1/2 L	1
34	3J451	U-BOLT 3/4-10 X 4 X 4	1
35	3P079	SPRING BUSHING,1 X 1.25 X 0.75	2
36	8J187	BEARING	1
37	188528	TRUNION, CYLINDER	1
38	188531	TRUNION, BEARING	1
39	109895	WASHER,3ODX2-1/16X14GA	1
40	188530	SNAP RING, 2 SHAFT	1
41	225198	PLATE, HOSE MOUNT	1
42	2-181-010001	HOSE CLAMP	1
43	1-654-010055-22	SCREW HEX CAP 1/2-13X8-1/2	1
44	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	1
45	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	1
46	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	1
47	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	1

Live Hyd Arm No Hyd Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
48	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	1

[illegible]

ILLUSTRATED PARTS LIST

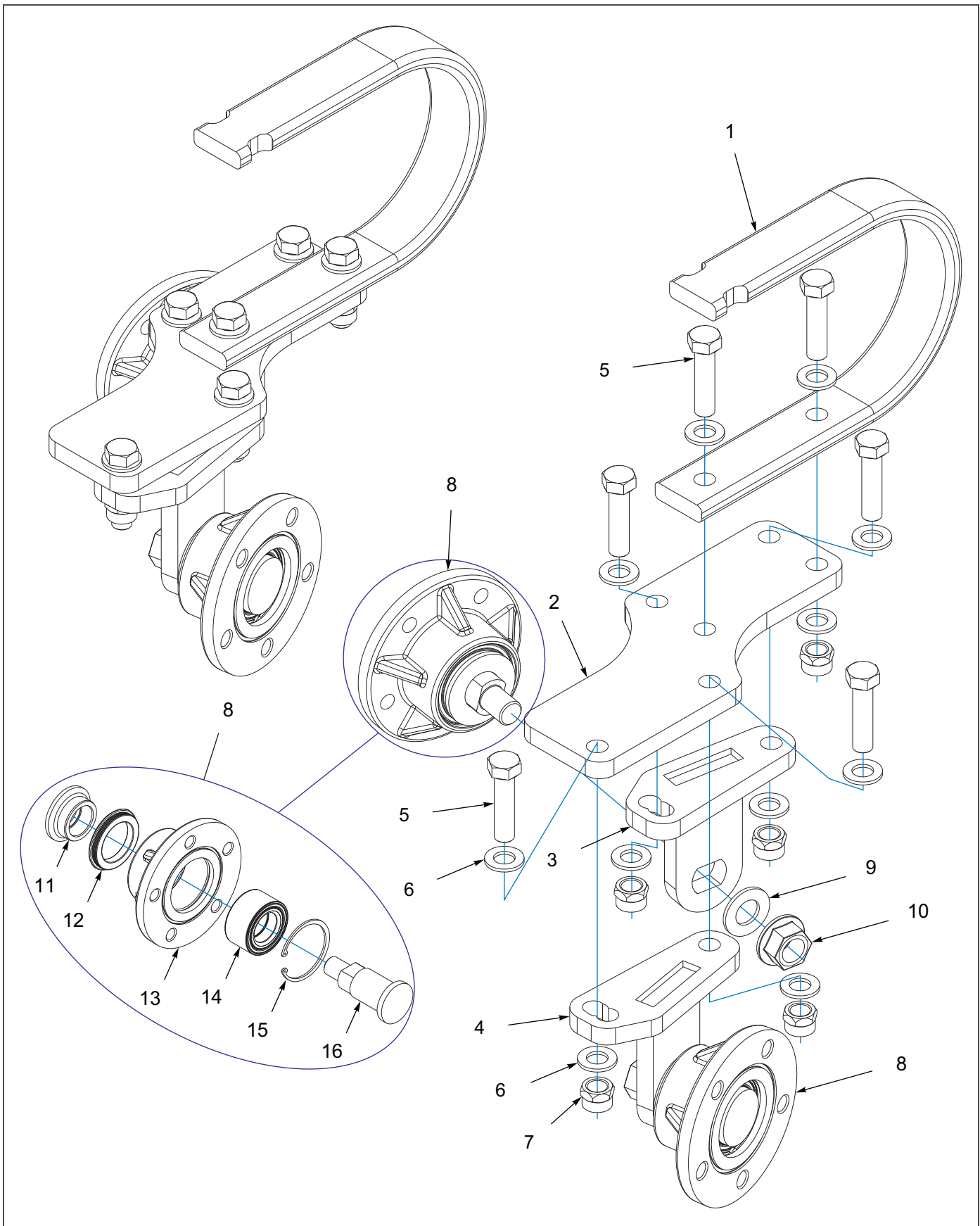


Figure 1-68: Wavy Disc Mount Center Assembly

Wavy Disc Mount Center Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
--	256160	ASSY MOUNT, WAVY DISC CTR	
1	153716	SHANK, STRAIGHT 3/4 X 2-1/2	1
2	256097	PLATE, ARM OFFSET	1
3	241877	MOUNT, BRG LT C-FLEX	1
4	241876	MOUNT, BRG RT C-FLEX	1
5	1-654-010061-09	SCREW HX CP 3/4-10UNCX3 GR5	6
6	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	12
7	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	6
8	185742	HUB ASSY HSL DISC (INCLUDES ITEMS 11-16)	2
9	622-3511-010	WASHER, FLAT 1" MIL-CARB SAE	2
10	174732	NUT, FLG HD, TOPLOCK, 1-8 UNC	2
11	188757	BUSHING-SPINDLE MOUNT	1
12	185757	SEAL, MAINT FREE HUB HSL	1
13	185740	HUB-DISC, HSL CAST	1
14	174526	BEARING, DOUBLE TAPER RLLR	1
15	174532	INTERNAL SNAP RING	1
16	174523	BOLT-SPINDLE, DISC, HSL	1

ILLUSTRATED PARTS LIST

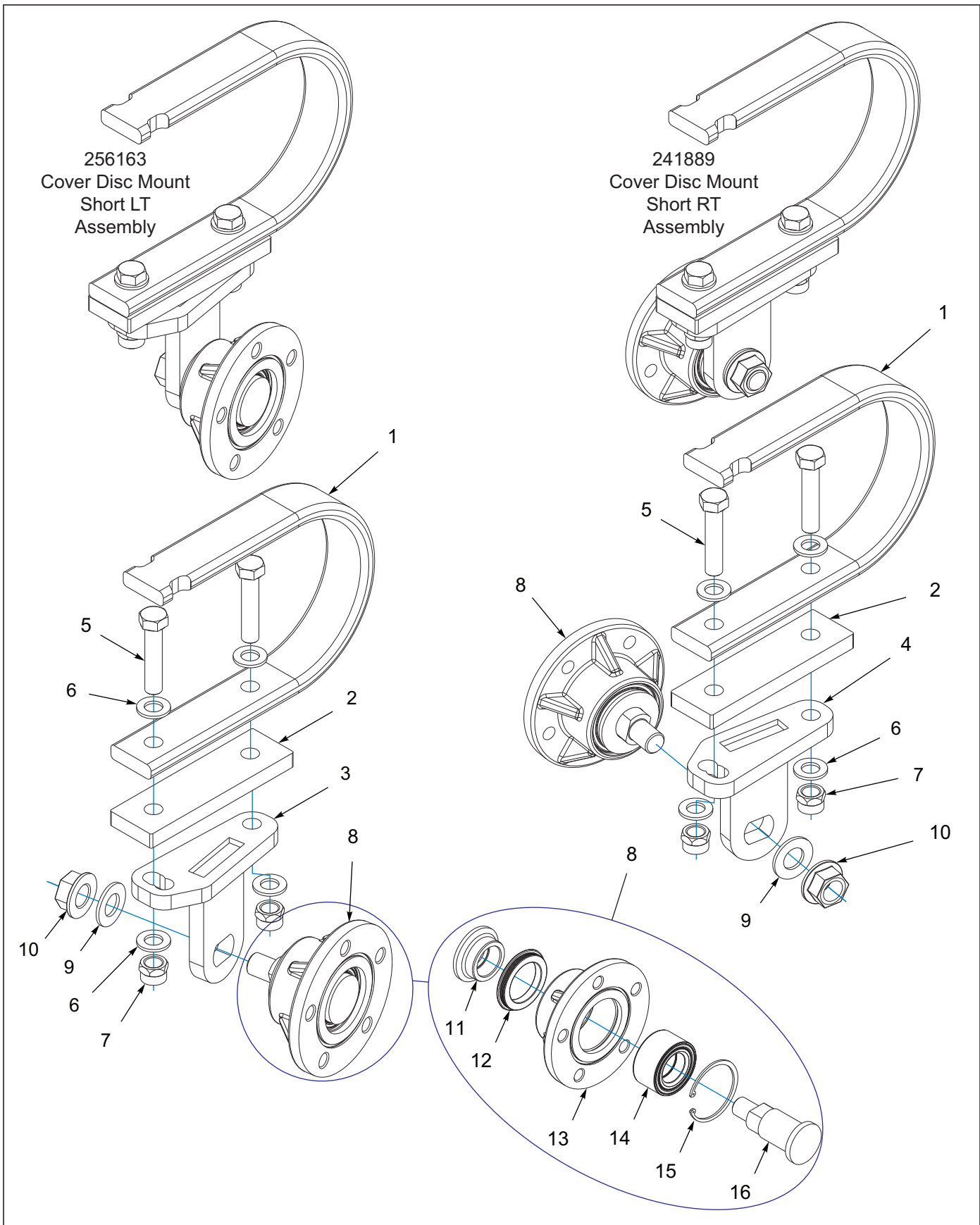


Figure 1-69: Center Disc Mount Short Assembly

Cover Disc Mount Short Assembly

ITEM	PART NO.	DESCRIPTION	QTY.	
--	256163	ASSY MOUNT COVER DISC LT SHORT	*	
--	241889	ASSY MOUNT COVER DISC RT SHORT	*	
1	153716	SHANK, STRAIGHT 3/4 X 2-1/2	1	1
2	169601	PLATE-GANG SPACER	1	1
3	241877	MOUNT, BRG LT C-FLEX	1	--
4	241876	MOUNT, BRG RT C-FLEX	--	1
5	141776	SCREWHXCP 3/4-10UNCX3-1/2GR5B	2	2
6	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	4	4
7	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	2	2
8	185742	HUB ASSY HSL DISC (INCLUDES ITEMS 11-16)	2	2
9	622-3511-010	WASHER, FLAT 1" MIL-CARB SAE	2	2
10	174732	NUT, FLG HD, TOPLOCK, 1-8 UNC	2	2
11	188757	BUSHING-SPINDLE MOUNT	1	1
12	185757	SEAL, MAINT FREE HUB HSL	1	1
13	185740	HUB-DISC, HSL CAST	1	1
14	174526	BEARING, DOUBLE TAPER RLLR	1	1
15	174532	INTERNAL SNAP RING	1	1
16	174523	BOLT-SPINDLE, DISC, HSL	1	1

ILLUSTRATED PARTS LIST

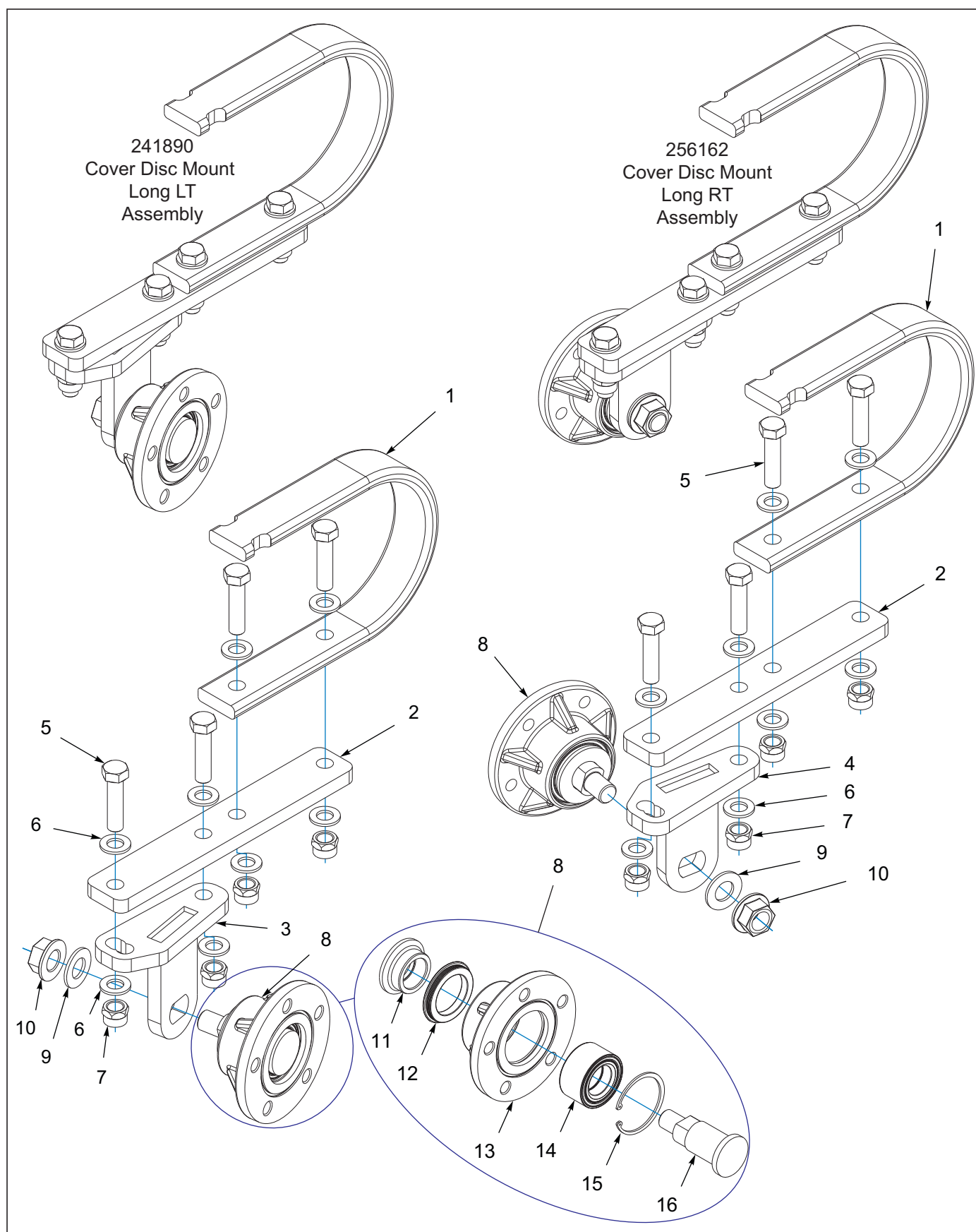


Figure 1-70: Center Disc Mount Long Assembly

Cover Disc Mount Long Assembly

ITEM	PART NO.	DESCRIPTION	QTY.	
--	241890	ASSY MOUNT, COVER DISC LT LONG	*	
--	256162	ASSY MOUNT COVER DISC RT LONG	*	
1	153716	SHANK, STRAIGHT 3/4 X 2-1/2	1	1
2	241874	PLATE, ARM COVER DISC	1	1
3	241877	MOUNT, BRG LT C-FLEX	1	--
4	241876	MOUNT, BRG RT C-FLEX	--	1
5	141776	SCREWHXCP 3/4-10UNCX3-1/2GR5B	2	2
6	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	4	4
7	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	2	2
8	185742	HUB ASSY HSL DISC (INCLUDES ITEMS 11-16)	2	2
9	622-3511-010	WASHER, FLAT 1" MIL-CARB SAE	2	2
10	174732	NUT, FLG HD, TOPLOCK, 1-8 UNC	2	2
11	188757	BUSHING-SPINDLE MOUNT	1	1
12	185757	SEAL, MAINT FREE HUB HSL	1	1
13	185740	HUB-DISC, HSL CAST	1	1
14	174526	BEARING, DOUBLE TAPER RLLR	1	1
15	174532	INTERNAL SNAP RING	1	1
16	174523	BOLT-SPINDLE, DISC, HSL	1	1

ILLUSTRATED PARTS LIST

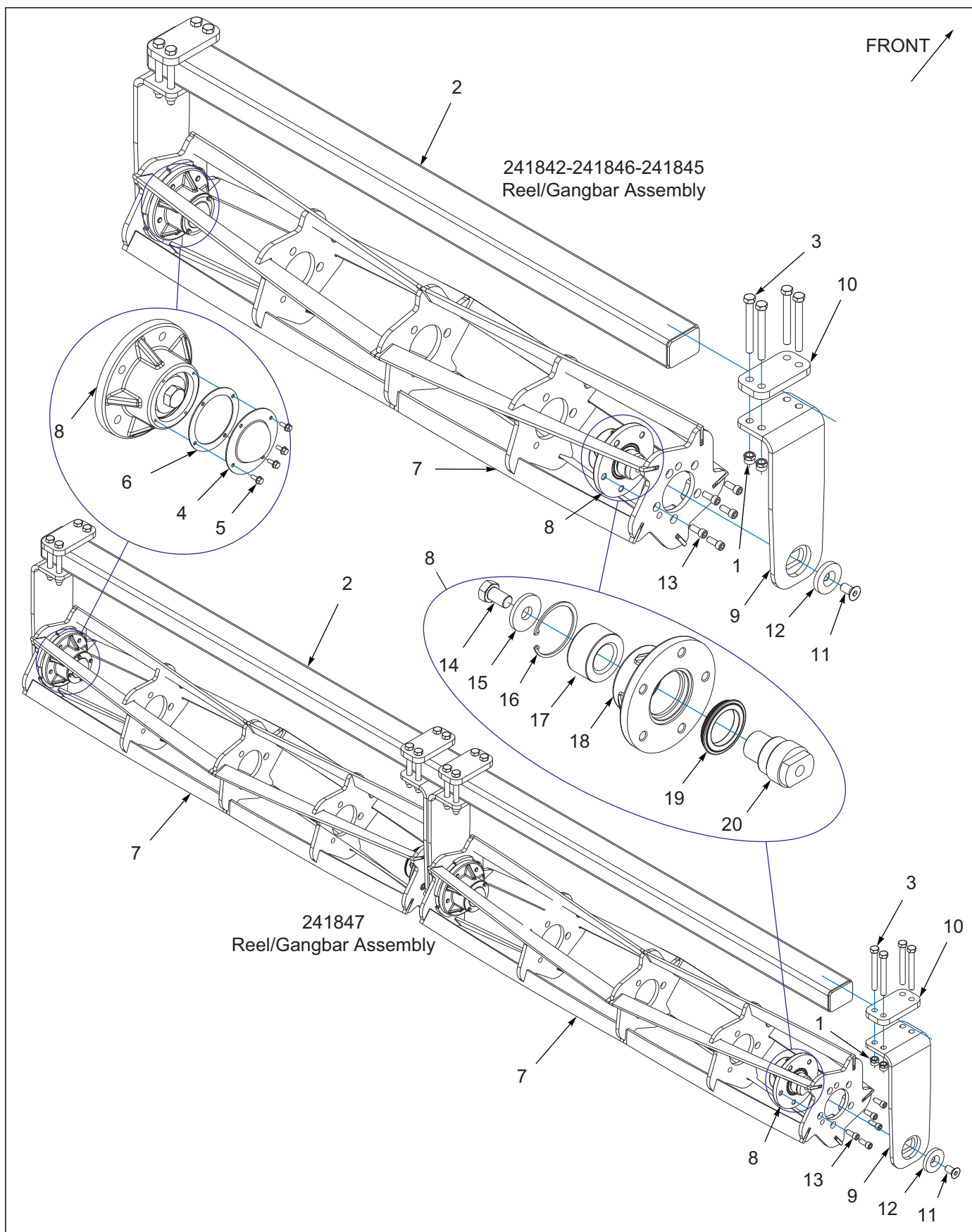


Figure 1-71: Flat Reel/Gangbar Assembly

Flat Reel/Gangbar Assembly

ITEM	PART NO.	DESCRIPTION	QTY.			
--	241842	ASSY, 82" REEL/GANGBAR	*			
--	241846	ASSY, 114" REEL/GANGBAR	*			
--	241845	ASSY, 97" REEL/GANGBAR	*			
--	241847	ASSY, 130-1/2" REEL/GANGBAR	*			
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	8	8	8	16
2	241852	GANG BAR, 82-1/2	1	--	--	--
2	241856	GANG BAR, 115 L	--	1	--	--
2	154657	GANGBAR 96-1/2" - REEL 86-1/2"	--	--	1	--
2	241857	GANG BAR, 132 L	--	--	--	1
3	167646	SCREW,HX CP,5/8-11UNCX5-1/2GR8	8	8	8	16
4	223437	DUST CAP, BOLT ON	2	2	2	4
5	223438	SCREW, 10-32X1/2 HEX FLANGE	8	8	8	16
6	223439	GASKET, DUST CAP	2	2	2	4
7	240446	REEL 13" DIA, CHEVRON FLAT,82"	1	--	--	--
7	240455	REEL 13" DIA, CHEVRON FLAT 114	--	1	--	--
7	240436	REEL 13" DIA, CHEVRON FLAT 97"	--	--	1	--
7	240433	REEL 13" DIA, CHEVRON FLAT 64"	--	--	--	2
8	240460	ASSY, REEL HUB	2	2	2	4
9	240464	MOUNT, REEL BRG	2	2	2	4
10	241870	PLATE, REEL MOUNT	2	2	2	4
11	243123	SCREW, SKT FL CTSK3/4-10X1-1/2	2	2	2	4
12	243124	WASHER, REEL	2	2	2	4
13	243125	SCREW, HEX SOCKET,1/2-13X1-1/4	10	10	10	20
14	129263	SCREW HEX CAP 3/4-10 X 1-1/4	2	2	2	4
15	200259	WASHER, 3/4 HEAVY - 2-1/4	2	2	2	4
16	174532	INTERNAL SNAP RING	2	2	2	4
17	174526	BEARING, DOUBLE TAPER RLLR	2	2	2	4
18	240461	HUB, REEL	2	2	2	4
19	185757	SEAL, MAINT FREE HUB HSL	2	2	2	4
20	241878	SPINDLE, REEL	2	2	2	4

ILLUSTRATED PARTS LIST

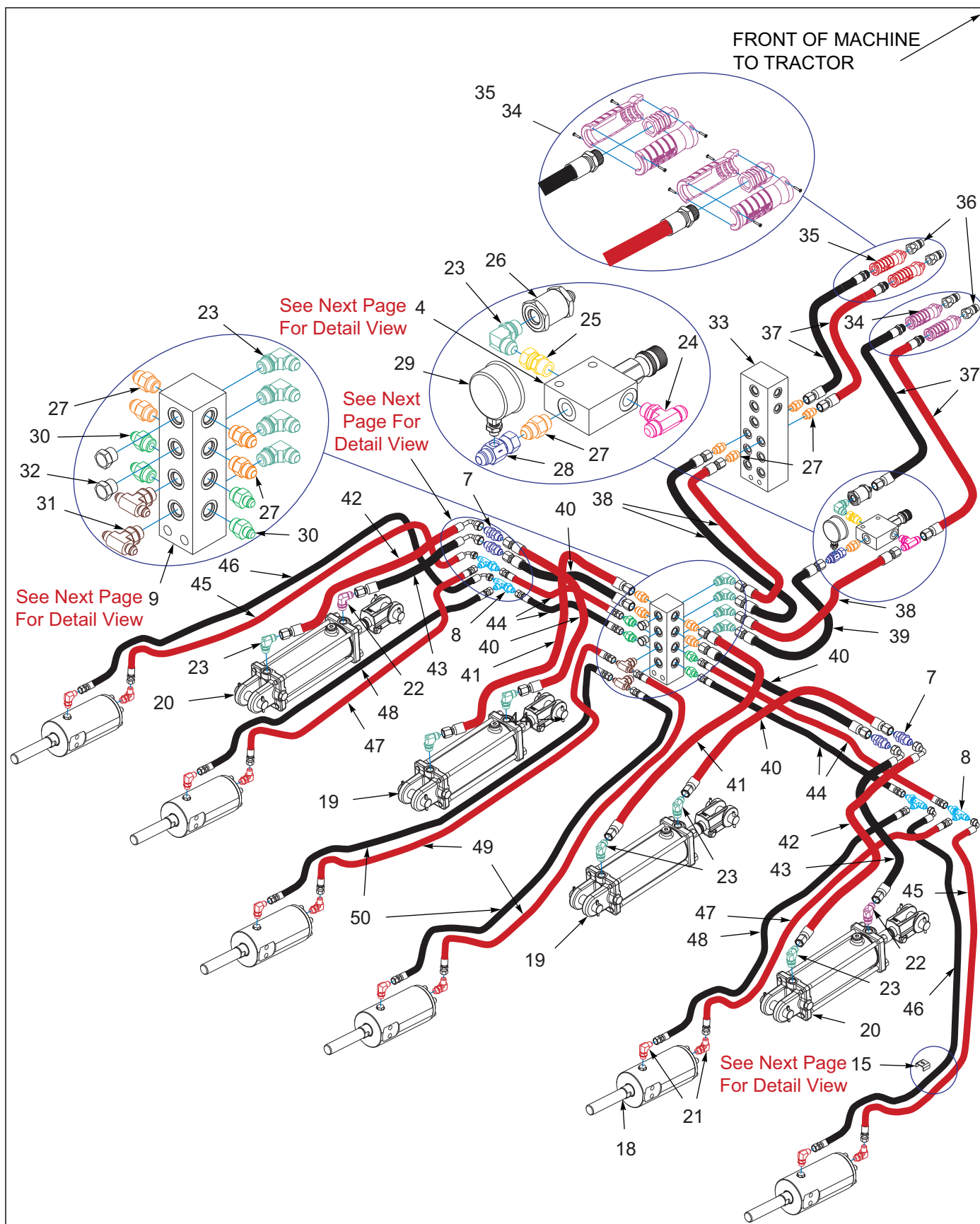


Figure 1-72: Disc Lev/Reel Hydraulic Assembly (1 of 2)

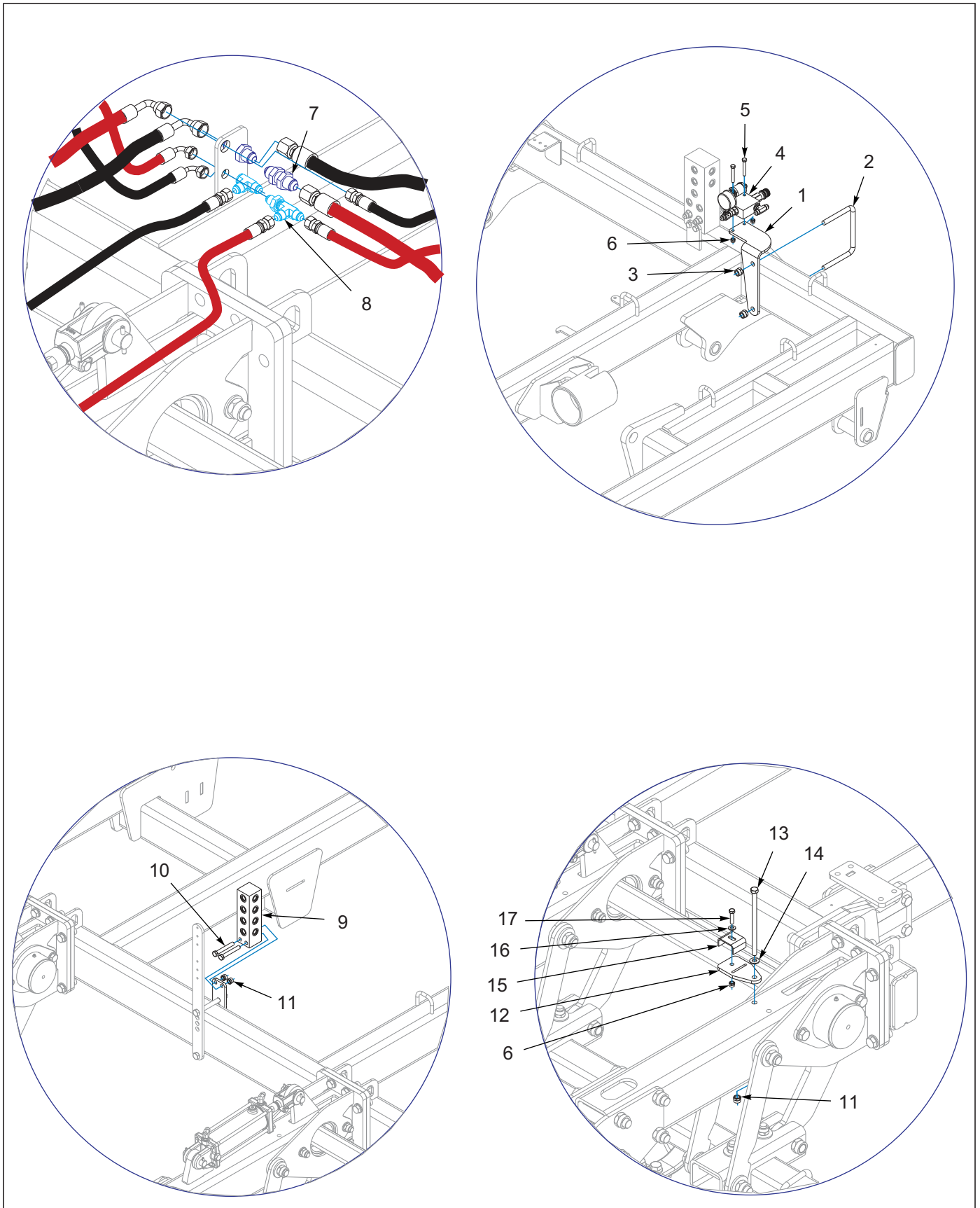


Figure 1-73: Disc Lev/Reel Hydraulic Assembly (2of 2)

ILLUSTRATED PARTS LIST

Disc Lev/Reel Hydraulic Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	256090	MOUNT, VALVE	1
2	158279	U-BOLT, 5/8X7-11/16X5-1/2	1
3	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	2
4	144265	VALVE, PRESSURE REDUCING	1
5	1-654-010051-11	SCREW HX CP 3/8-16X2-1/2 G5ZP	2
6	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	6
7	102-0322	37 FLARE BULKHEAD/37 FLARE	4
8	162569	TEE,#6 JIC BULKHD RUN, W/NUT	4
9	141594	MANIFOLD, HYDRAULIC 16 PORT	1
10	1-654-010055-11	SCREW,HX CP 1/2-13UNCX3-1/2	2
11	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	8
12	225198	PLATE, HOSE MOUNT	6
13	1-654-010055-22	SCREW HEX CAP 1/2-13X8-1/2	6
14	1-861-010032-14	WASHER, FLAT 1/2" N ZP/CD	6
15	2-181-010001	HOSE CLAMP	6
16	1-861-010032-10	WASHER, FLAT 3/8" N ZP/CD	6
17	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	6
18	206672	CYL ASM 2-1/2X3-1/2ST1-1/8THDS (SEE PAGE 1-62)	6
19	247535	CYLINDER, 3-1/2 X 8, REPHASE (SEE PAGE 1-58)	2
20	247534	CYLINDER, 3-1/4 X 8, REPHASE (SEE PAGE 1-60)	2
21	2062-6-6S	ADAPTER, 90, #6SAE X #6 JIC	12
22	141826	ELBOW 90 1/16 RES	2
23	2062-8-8S	ADAPTER, 90°, #8 O-RING-TUBE	11
24	203003-8-8S	ADAPTER,TEE,#8 O-RING-TUBE	1
25	102-1130	FTG,STR 8M ORING X 8F JIC SW	1
26	218359	FILTER, IN-LINE #8MJICX#8FORB	1
27	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	9
28	222698	GAUGEPORT, 8JICX8JICW/4SAE PT	1
29	201291	GAUGE-HYD PRESSURE,3000,-4 ORB	1
30	202702-8-6S	ADAPTER #8 O-RING TO #6 TUBE	4
31	139347	ADT TEE #6 JIC X #8 O-RING	2
32	1-007-010025	PLUG, 3/4-16 O-RING BOSS	2
33	243199	MANIFOLD ASSY	1
34	251976	HOSE HANDLES, PURPLE, 1/2" SET	1
35	251975	HOSE HANDLES, RED, 1/2" SET	1
36	141828	COUPLER,MALE 3/4-16 O-RING	2
37	141865	HOSE ASSY 3/8X204 #8JICX#8 O/R	4
38	256170	HOSE ASSY, 3/8 X 250 #8STR JIC	3
39	71510821	HOSE, .38 X 244 IN.	1
40	71508988	HOSE ASSY 3/8 X 80	4
41	117259	HOSE ASSY 3/8X48 #8JIC	2
42	203432	HOSE ASSY 3/8 X 42 #8STR-#8-90	2
43	203425	HOSE ASSY 3/8X33 #8STR-#8-90	2
44	71509006	HOSE ASM 1/4 X 80	4
45	246802	HOSE ASSY, 1/4X86 #6JIC STR-90 (2132-17-19)	2
45	256158	HOSE ASSY, 1/4X118 #6JIC STR-9 (2132-21-23)	2
46	201762	HOSE ASSY 1/4X92 #6JIC STR-90 (2132-17-19)	2
46	256159	HOSE ASSY, 1/4X123 #6JIC STR-9 (2132-21-23)	2
47	172979	HOSE ASSY, 1/4 X 60 #6 JIC STR	2

Disc Lev/Reel Hydraulic Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
48	231296	HOSE ASSY, 1/4X66 #6JIC STR	2
49	211065	HOSE ASSY 1/4 X 96 #6 JIC STR	2
50	225093	HOSE ASSY, 1/4X100#6 JIC STR	2

Rear Tow Hitch

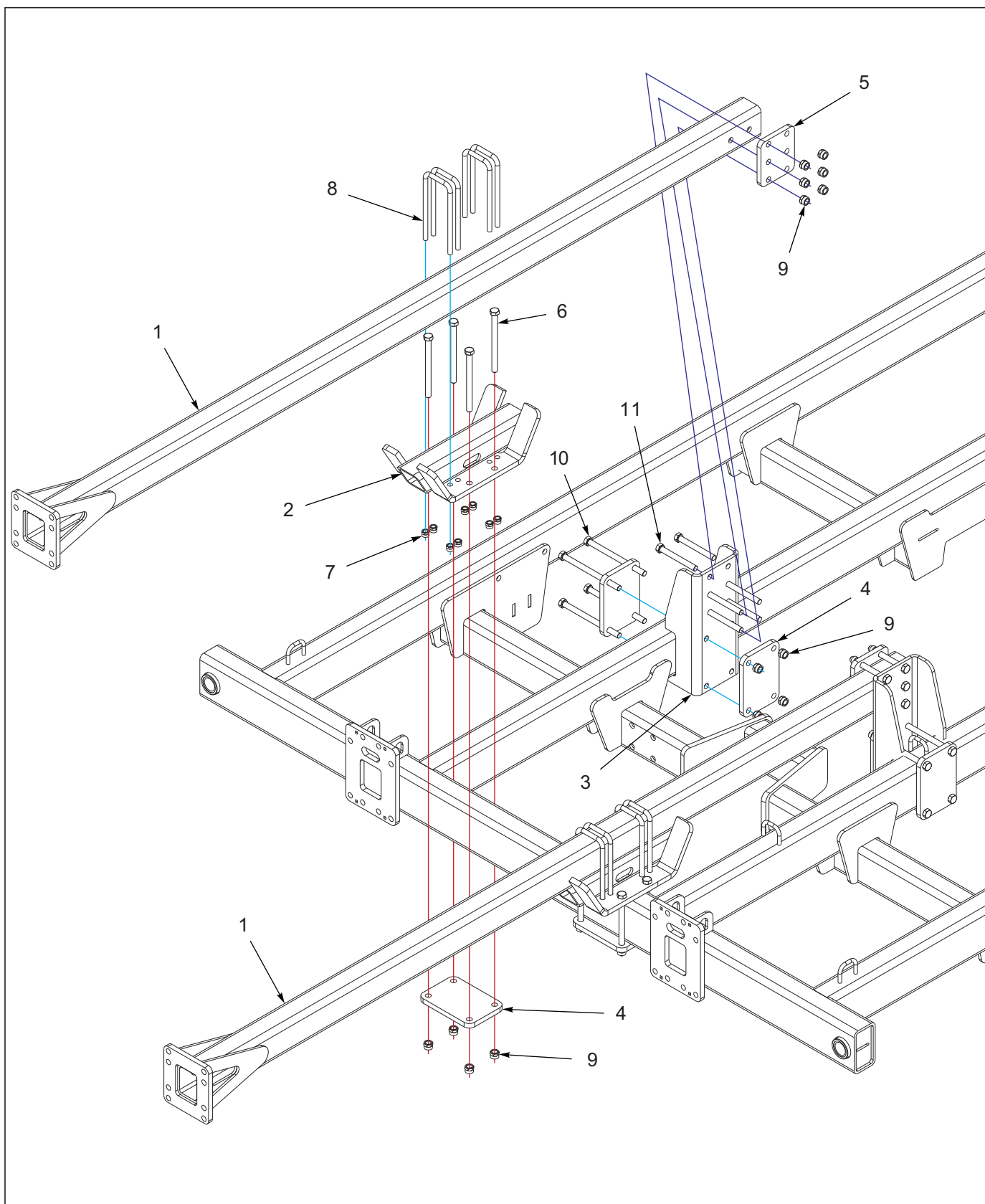


Figure 1-74: Rear Tow Hitch Assembly (1 of 2)

Rear Tow Hitch Assembly (1 of 2)

ITEM	PART NO.	DESCRIPTION	QTY.	
--	231360	ASSY, SHORT REAR TOW, HYD 2100	*	
--	231362	ASSY, LONG REAR TOW, HYD 2100		*
1	231358	HITCH TUBE, SHORT WLDMT (SHOWN)	2	--
1	231348	HITCH TUBE, LONG WLDMT	--	2
2	231357	MOUNT, HITCH WLDMT	2	2
3	231349	PLATE, CLAMP TOW HITCH	2	2
4	231355	PLATE, HITCH	6	6
5	231356	PLATE, CLAMP	2	2
6	3/4-10X9-1/2CS8	SCREW,CAP HEX HEAD GR8	8	8
7	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	16	16
8	158841	U-BOLT,5/8X4-11/16X10-3/4	8	8
9	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	28	28
10	126235	SCREW HEX 3/4-10UNCX10-1/2GR5	8	8
11	120876	SCREW,HEXCAP,3/4-10X6-1/2 GR8	8	8

ILLUSTRATED PARTS LIST

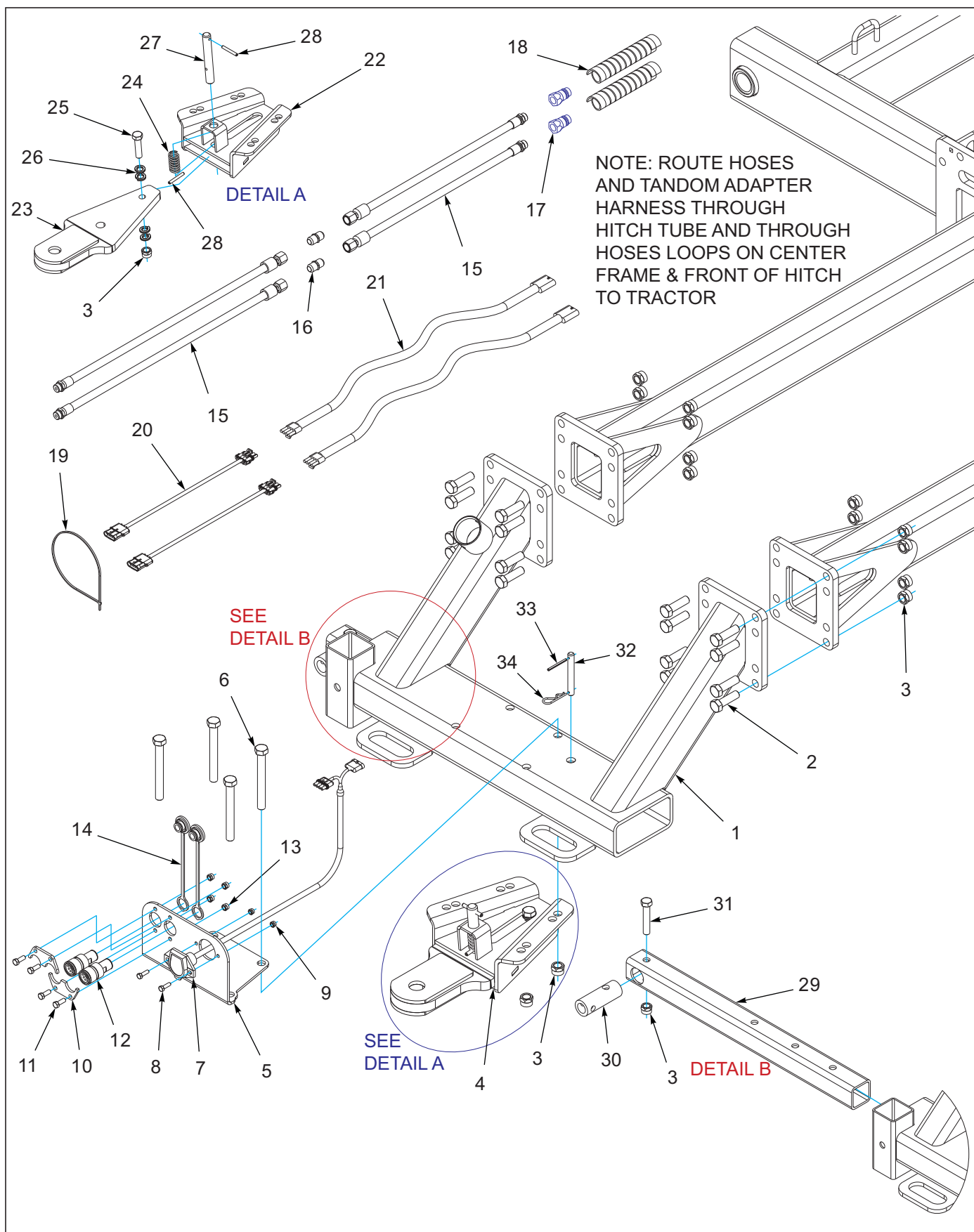


Figure 1-75: Rear Tow Hitch Assembly (2 of 2)

Rear Tow Hitch Assembly (2 of 2)

ITEM	PART NO.	DESCRIPTION	QTY.
1	231337	HITCH, REAR WLDMT	1
2	104483	SCREW 3/4-10X2-1/2 HXCP ZPGR8	16
3	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	15
4	197742	HITCH ASSY, REAR TOW (INCLUDES ITEMS 3, 22-28)	1
5	231353	MOUNT, HITCH HYD	1
6	120876	SCREW,HEXCAP,3/4-10X6-1/2 GR8	4
7	143871	HARNESS, TANDEM ADAPTER	1
8	1-654-010049-05	SCREW HX CP 5/16-18UNCX1 GR5	2
9	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	2
10	212826	MOUNT, COUPLERS	2
11	1-654-010051-05	SCREW,HEX CAP 3/8-16UNCX1 GR5	4
12	142668	COUPLER FEMALE 3/4-16 O-RING	2
13	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
14	142669	PLUG, COUPLER DUST	2
15	165335	HOSE ASY3/8X290 #8JICX#8 O/R (USED WITH 231360 SHORT REAR TOW HITCH ASSEMBLY)	4
15	211320	HOSE ASSY,3/8 X 300,8FJSX8MOR (USED WITH 231362 LONG REAR TOW HITCH ASSEMBLY)	4
16	148338	FITTING, UNION SAE 37 8X8	2
17	141828	COUPLER,MALE 3/4-16 O-RING	2
18	155530	HOSE WRAP, BLACK 1" ID X 8"	2
19	105874	TIE,STRAP PLSTC 21.5-24X.301	10
20	166299	HARNESS, 96 INCH EXT	2
21	2-368-010273	HARNESS, 34 INCH EXT	2
22	197743	MOUNT WLDMT REAR TOW HITCH	1
23	197746	HITCH WLDMT, REAR TOW RIGID	1
24	162191	SPRING, COMP 1.218 X 2.5	1
25	1-654-010061-09	SCREW HX CP 3/4-10UNCX3 GR5	1
26	1-861-010034-17	WASHER,LKG,HLCL SPR,3/4	4
27	168773	PIN REAR TOW HITCH	1
28	1-647-010004240	PIN,SPRING,SLOTTED,5/16X2-1/2	2
29	212827	TUBE, REAR JACK	1
30	156957	TUBE JACK MOUNT	1
31	1-654-010061-13	SCREW,HX CP 3/4-10UNCX4 GR5	1
32	2-557-010409	PIN, WING LOCK	1
33	0600-250-03000	1/4X3 ROLL PIN ZP	1
34	1-557-010013	PIN, HAIR 3/16 DIA	1

Table provided for general use.

[illegible]

Numerics

0600-250-03000	1-18, 1-145	117163	1-39, 1-47
100000328	1-52	117259	1-140
1-007-010025	1-39, 1-43, 1-45, 1-49, 1-140	117957 ..	1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-119, 1-123, 1-127
100808	1-11	120876	1-143, 1-145
100825	1-11	122709	1-35
100827	1-35	122726	1-25, 1-27, 1-29
100856 ...	1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-119, 1-123, 1-127	122911	1-47
100941	1-3	122917	1-6
101385	1-17	123549	1-41
102-0031	1-91, 1-113	124511	1-41, 1-49
102-0322	1-140	124971	1-31
102-1130	1-140	125566	1-58, 1-60
102209	1-3	125872	1-39
102498	1-23	126235	1-143
102600	1-17, 1-23	129263	1-137
102604	1-21, 1-23	1-298-010001-1	1-12, 1-14, 1-119, 1-123, 1-127
103153	1-50	130052	1-17
104358	1-3	135912	1-50, 1-51
104483 ...	1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-116, 1-145	137304	1-50
105874	1-65, 1-145	137486	1-41, 1-49
108628	1-6	137598	1-47
109895	1-77, 1-83, 1-87, 1-105, 1-107, 1-119, 1-123, 1-127	137702	1-50
111392	1-18	137931	1-14
111789	1-50, 1-51, 1-52, 1-54, 1-56, 1-58, 1-60	137943	1-109
111871	1-56	139139	1-14
111880	1-52	139347	1-91, 1-113, 1-140
111962	1-23	1-397-010301030	1-39
114911	1-25, 1-27, 1-29	1-397-010301076	1-41
114987	1-25, 1-27	1-397-010301108	1-41
116100	1-5, 1-17	1-397-010301160	1-41
116436	1-91, 1-113	1-397-010301220	1-41
		140464	1-32, 1-109
		140469	1-31
		140472	1-17, 1-43, 1-45, 1-52

140472M	1-53	142113	1-52
140473	1-32, 1-109	142114	1-54
140475	1-32, 1-109	142116	1-56
140476	1-32, 1-109	142119	1-51, 1-52
140477	1-31, 1-109	142120	1-52
140479	1-31, 1-109	142194	1-13
140480	1-31, 1-109	142668	1-145
140483	1-31	142669	1-145
140484	1-31	142753	1-3
140487	1-31	143853	1-39, 1-41
140519	1-5, 1-17	143871	1-145
140533	1-3	143994	1-54, 1-56, 1-58, 1-60
140599 ...	1-11, 1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-119, 1-123, 1-127	144048	1-6
140647	1-9, 1-13	144115	1-9, 1-11, 1-35
141154	1-31	144193	1-69
141209	1-5, 1-17	144265	1-140
141234	1-5, 1-17	144449	1-25, 1-27, 1-35
141249	1-9	144451	1-25, 1-27
141250	1-13	144457	1-25, 1-27, 1-35
141251	1-25, 1-27	144458	1-25, 1-27, 1-29
141259	1-69	144461	1-25, 1-27, 1-35
141260	1-69	144493	1-9, 1-11
141269	1-35	144522	1-31
141301	1-51, 1-54, 1-56	144533	1-31
1413183	1-45	144536	1-31
141594	1-140	145173	1-25, 1-27
141597	1-69	145179	1-31
141776	1-133, 1-135	145196	1-35
141826	1-43, 1-45, 1-47, 1-140	145199	1-31
141828 .	1-39, 1-43, 1-45, 1-47, 1-91, 1-113, 1-140, 1-145	145201	1-35, 1-47, 1-54
141865	1-43, 1-45, 1-47, 1-91, 1-113, 1-140	145201M	1-55
141883	1-47	145202	1-35, 1-47, 1-56
141889	1-39	145202M	1-57
142109	1-51, 1-54	145203	1-35, 1-47, 1-58
142110	1-54, 1-56	145203M	1-59
142112	1-54, 1-56	145204	1-35, 1-47, 1-60
		145204M	1-61
		145209	1-31, 1-37

145210	1-31, 1-37	148104	1-50
145211	1-31, 1-37	148106	1-50
145212	1-31, 1-37	148298	1-31, 1-37
145214	1-31, 1-37	148299	1-31, 1-37
145217	1-31, 1-37	148337	1-109
145218	1-31, 1-37	148338	1-145
145231	1-31, 1-37	148382	1-17
145232	1-31, 1-37	150244	1-29
145233	1-31, 1-37	150266	1-35
145234	1-31, 1-37	150273	1-39
145236	1-31, 1-37	1-510-010003-09	1-89
146733	1-17	1-511-010002-11	1-119, 1-123, 1-127
146824	1-5, 1-39, 1-41, 1-50	1-512-010002-16 .	1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-116, 1-119, 1-123, 1-127
146825	1-17, 1-39, 1-41, 1-51	1-512-010005-01	1-3, 1-9, 1-65
147070	1-3	1-512-010005-03	1-5, 1-145
147072	1-53	1-512-010005-05	1-5, 1-9, 1-105, 1-120, 1-124, 1-128, 1-140, 1-145
147123	1-43, 1-45	1-512-010005-09 ...	1-3, 1-5, 1-17, 1-27, 1-31, 1-35, 1-65, 1-75, 1-77, 1-83, 1-87, 1-89, 1-105, 1-110, 1-119, 1-123, 1-127, 1-140
147134	1-3	1-512-010005-13 ...	1-3, 1-5, 1-17, 1-27, 1-29, 1-65, 1-109, 1-116, 1-137, 1-140, 1-143
147536	1-31, 1-37	1-512-010005-15	1-3, 1-5, 1-9, 1-17, 1-25, 1-27, 1-29, 1-31, 1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-116, 1-119, 1-123, 1-127, 1-131, 1-133, 1-135, 1-143, 1-145
147537	1-31, 1-37	1-512-010005-19 .	1-9, 1-11, 1-25, 1-27, 1-35, 1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-119, 1-123, 1-127
147538	1-31, 1-37	1-512-010007-07	1-9
147539	1-31, 1-37	1-512-010007-14	1-75, 1-77, 1-97, 1-99
147540	1-31, 1-37	1-512-010007-16	1-11
147541	1-31, 1-37	1-516-010001-20	1-21, 1-23
147542	1-31, 1-37	152210	1-75, 1-77, 1-97, 1-99
147543	1-31, 1-37	152251	1-32
147582	1-45	153620	1-47
147745	1-54	153631	1-25, 1-27, 1-29
147748	1-56	153696	1-9
147755	1-50, 1-51	153716	1-109, 1-131, 1-133, 1-135
148085	1-58	154137	1-110
148087	1-58, 1-60		
148088	1-58, 1-60		
148089	1-58		
148092	1-60		
148094	1-60		
148097	1-51		
148100	1-51		

154138	1-110	156950	1-9
154181	1-109, 1-110	156957	1-145
154182	1-109, 1-110	156973	1-23
154185	1-109	156979	1-23
154186	1-109	157011	1-35
154393	1-109, 1-116	157012	1-35
154407	1-72, 1-80, 1-94, 1-102, 1-109	1-573-010006	1-69
154410	1-72, 1-80, 1-94, 1-102, 1-109	158279	1-35, 1-140
154656	1-109	158299	1-75, 1-77, 1-83, 1-87
154657	1-137	158795	1-75, 1-77, 1-97, 1-99
154659	1-109	158841	1-143
154888	1-119, 1-123, 1-127	158896	1-75, 1-77, 1-97, 1-99
154993	1-89	159569	1-47
154994	1-89	160199	1-75, 1-77, 1-97, 1-99
154995	1-89	160693	1-39
154997	1-89	162191	1-145
154998	1-89	162569	1-91, 1-113, 1-140
155005	1-89	1-630-010021-03	1-6
155523	1-69	163513	1-41
155528	1-39, 1-41	164138	1-65
155529	1-43, 1-45	164139	1-65
155530	1-47, 1-145	164140	1-65
155544	1-109	164142	1-3
155589	1-110	164501	1-5
155591	1-110	164533	1-17
155592	1-109, 1-110	164539	1-17
155594	1-109	164563	1-5
155595	1-72, 1-80, 1-94, 1-102, 1-109	1-647-010004221	1-14, 1-55, 1-57, 1-59, 1-61
1-557-010013 ...	1-18, 1-75, 1-77, 1-83, 1-87, 1-145	1-647-010004236	1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-119, 1-123, 1-127
1-557-010362-51	1-21, 1-23	1-647-010004240	1-5, 1-17, 1-75, 1-77, 1-83, 1-87, 1-145
1-557-010403	1-3	1-647-010004257	1-31
155716	1-17	165257	1-5
155927	1-89	165258	1-6
155956	1-3, 1-89	165259	1-6
155971	1-89	165260	1-6
156010	1-69	165265	1-5
156383	1-35		
156778	1-89		

165286	1-5	1-654-010070-13	1-89
165335	1-145	1-654-010070-14	1-89
1-654-010032-05	1-109	1-654-010087-16 .	1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-116, 1-119, 1-123, 1-127
1-654-010032-09	1-31	1-654-010125-22	1-9
1-654-010047-06	1-3, 1-9, 1-65	166299	1-145
1-654-010047-08	1-65	166717	1-6
1-654-010049-05	1-145	167617	1-17
1-654-010051-05	1-145	167646	1-29, 1-137
1-654-010051-06	1-5	168773	1-145
1-654-010051-07 .	1-83, 1-105, 1-120, 1-124, 1-127, 1-140	168859	1-23
1-654-010051-11	1-140	169601	1-133
1-654-010051-15	1-9	169690	1-83, 1-87, 1-105, 1-107, 1-119, 1-123, 1-127
1-654-010055-05	1-110	169727	1-5
1-654-010055-09	1-65, 1-89	169749	1-5
1-654-010055-11	1-140	170291	1-5, 1-17
1-654-010055-13	1-3	170302	1-21
1-654-010055-14	1-3, 1-89	170310	1-21
1-654-010055-15 .	1-17, 1-35, 1-75, 1-77, 1-83, 1-87	170704	1-5, 1-21
1-654-010055-16	1-5	170705	1-21
1-654-010055-20	1-65	170735	1-89
1-654-010055-22 .	1-75, 1-83, 1-105, 1-119, 1-123, 1-127, 1-140	170787	1-75, 1-77, 1-83, 1-87
1-654-010059-02	1-116	170844	1-75, 1-77, 1-83, 1-87
1-654-010059-07	1-5	170851 .	1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-119, 1-123, 1-127
1-654-010059-14	1-27	170852 .	1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-119, 1-123, 1-127
1-654-010059-15	1-3, 1-17	170857	1-75, 1-77, 1-83, 1-87
1-654-010059-17	1-3	170862 .	1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-119, 1-123, 1-127
1-654-010061-05	1-5, 1-9, 1-17	170864	1-72, 1-80, 1-89
1-654-010061-09	1-131, 1-145	170865	1-72, 1-80, 1-89
1-654-010061-13	1-25, 1-27, 1-29, 1-145	170870	1-89
1-654-010061-15	1-25, 1-27	171011	1-17
1-654-010061-16	1-5	171024	1-5, 1-17
1-654-010061-20	1-119, 1-123, 1-127	171070	1-17
1-654-010065-17	1-119, 1-123, 1-127	171079	1-62
1-654-010070-02	1-89	171080	1-62
1-654-010070-04	1-31	171081	1-62
1-654-010070-11	1-89		

171107	1-21	174786	1-3, 1-25
171394	1-75, 1-83, 1-87	177027	1-25, 1-27, 1-29
171421	1-89	177032	1-9, 1-12
171427	1-75, 1-77, 1-83, 1-87	177398	1-9
171556	1-5	179763	1-9
171771	1-21	184780	1-11
171772	1-21	185740	1-131, 1-133, 1-135
171773	1-5, 1-21	185742	1-131, 1-133, 1-135
172477	1-72, 1-80, 1-89	185757	1-131, 1-133, 1-135, 1-137
172526 .. 1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-119, 1-123, 1-127		185767	1-62
172527	1-110	1-861-010005	1-21, 1-23, 1-119, 1-123, 1-127
172528	1-109, 1-110	1-861-010032-07	1-3
172529	1-72, 1-80, 1-94, 1-102, 1-109	1-861-010032-10 ...	1-9, 1-84, 1-105, 1-120, 1-124, 1-127, 1-140
172531	1-110	1-861-010032-14 ...	1-65, 1-75, 1-83, 1-105, 1-119, 1-123, 1-127, 1-140
172894	1-9	1-861-010032-15	1-89
172900	1-65	1-861-010032-18	1-29
172973	1-91, 1-113	1-861-010032-20 .	1-31, 1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-116, 1-119, 1-123, 1-127, 1-131, 1-133, 1-135
172978	1-91, 1-113	1-861-010032-21	1-9, 1-119, 1-123, 1-127
172979	1-91, 1-140	1-861-010032-24	1-9
172982	1-29	1-861-010032-32	1-75, 1-77, 1-83, 1-87
173000	1-113	1-861-010034-13 ..	1-83, 1-87, 1-105, 1-107, 1-119, 1-123, 1-127
174404	1-9	1-861-010034-15	1-116
174435	1-65	1-861-010034-17	1-31, 1-109, 1-145
174436	1-65	1-861-010034-21	1-75, 1-77, 1-97, 1-99, 1-109
174437	1-65	186903	1-43, 1-45
174438	1-65	187181	1-14
174439	1-65	187182	1-14
174523	1-131, 1-133, 1-135	188528	1-77, 1-83, 1-87, 1-105, 1-107, 1-119, 1-123, 1-127
174526	1-131, 1-133, 1-135, 1-137	188530	1-77, 1-83, 1-87, 1-105, 1-107, 1-119, 1-123, 1-127
174532	1-131, 1-133, 1-135, 1-137	188531	1-77, 1-83, 1-87, 1-105, 1-107, 1-119, 1-123, 1-127
174708	1-6	188757	1-131, 1-133, 1-135
174709	1-6	189451	1-9, 1-12
174732 .. 1-3, 1-25, 1-27, 1-29, 1-131, 1-133, 1-135			
174740	1-3, 1-25		
174741	1-25		
174749	1-3, 1-25, 1-27, 1-29		
174772	1-29		

189453	1-12	2062-6-6S ...	1-83, 1-87, 1-91, 1-105, 1-107, 1-113, 1-140
189454	1-12	2062-8-8S .	1-39, 1-41, 1-43, 1-45, 1-47, 1-49, 1-91, 1-113, 1-140
189467	1-12	206639	1-3
189468	1-12	206652	1-83, 1-87, 1-105, 1-107
190987	1-5	206672	1-62, 1-83, 1-87, 1-91, 1-105, 1-107, 1-113, 1-119, 1-123, 1-127, 1-140
192890	1-35, 1-119, 1-123	206674	1-62
193089	1-23	206675	1-83, 1-87, 1-105, 1-107
194116	1-47	207142	1-25, 1-27, 1-69
195241	1-89	208765	1-65
195243	1-89	209436	1-39
195244	1-89	211065	1-141
195274	1-89	211320	1-145
195566	1-27	211327	1-43
196754	1-9	211328	1-39
197742	1-145	212826	1-145
197743	1-145	212827	1-145
197746	1-145	2-150-010008	1-32
198321	1-83, 1-87, 1-105, 1-107, 1-119, 1-123, 1-127	2-150-010174	1-5, 1-18
198351	1-5	217196	1-25
1P292	1-45	217547	1-17
1P332	1-124	217559	1-17
1P444	1-83, 1-87, 1-105, 1-107, 1-119, 1-123, 1-127	217570	1-89
200259	1-137	217591	1-17
201291	1-140	217593	1-17
201496	1-25, 1-27, 1-29	217626	1-17
201762	1-140	217627	1-17
202331	1-89	2-181-010001	1-9, 1-84, 1-105, 1-119, 1-123, 1-127, 1-140
202332	1-89	218359	1-140
202567	1-72, 1-80, 1-89	218642	1-60
202702-8-6S	1-91, 1-113, 1-140	218643	1-58
202702-8-8S ...	1-43, 1-45, 1-49, 1-91, 1-113, 1-140	219735	1-25, 1-27
203003-8-8S	1-140	219736	1-25, 1-27
203425	1-140	219737	1-25, 1-27
203432	1-140	219776	1-69
203467	1-5, 1-39	219795	1-17
2061-8-8S .	1-39, 1-43, 1-45, 1-47, 1-49, 1-91, 1-113		
206209-8-8S	1-39, 1-41, 1-49		
2062-10-8S	1-39		

221229	1-25	227500	1-3
221270	1-17	228223	1-17
221272	1-17	228224	1-11, 1-14
222503	1-3	228225	1-14
222541	1-25	228228	1-17
222542	1-25	228235	1-9
222574	1-3	228236	1-9
222674	1-65	228245	1-9
222698	1-140	228247	1-9
223435	1-23	228254	1-9
223437	1-21, 1-23, 1-137	228255	1-17
223438	1-21, 1-23, 1-137	228256	1-17
223439	1-21, 1-23, 1-137	228257	1-17
223440	1-17, 1-23	228258	1-5
223468	1-75, 1-83	228259	1-5
223469	1-80, 1-83	228264	1-113
223470	1-80, 1-87	228280	1-5
223471	1-77, 1-87	228281	1-5
223473	1-75, 1-77, 1-83, 1-87, 1-97, 1-99, 1-105, 1-107, 1-119, 1-123, 1-127	229560	1-55
224589	1-69	229561	1-55
224590	1-3	229565	1-55, 1-57, 1-59, 1-61
225093	1-113, 1-141	229846	1-32
225094	1-91	229851	1-5, 1-6
225180	1-35	229852	1-6
225198	1-80, 1-83, 1-105, 1-119, 1-123, 1-127, 1-140	229854	1-11
226589	1-53	229872	1-31, 1-37
226605	1-53	229873	1-31, 1-37
227303	1-65	229874	1-31, 1-37
227450	1-5	229875	1-31, 1-37
227464	1-3	229876	1-31, 1-37
227465	1-17	229877	1-3, 1-39, 1-43, 1-45, 1-47, 1-49
227466	1-17	229878	1-39, 1-43, 1-45, 1-49, 1-91, 1-113
227467	1-17	229889	1-72, 1-80, 1-89
227468	1-17	229896	1-72, 1-80, 1-89
227469	1-17	229897	1-80
227470	1-17	229898	1-80
227498	1-3	229899	1-80
		229900	1-80

229901	1-80	231355	1-143
229919	1-89	231356	1-143
229920	1-89	231357	1-143
229921	1-89	231358	1-143
229922	1-72, 1-80, 1-89	231360	1-143
229923	1-72, 1-80, 1-89	231362	1-143
229931	1-65	231367	1-102, 1-105
229932	1-65	231368	1-102, 1-107
229933	1-65	231373	1-102
229975	1-69	231374	1-102
229976	1-65	231375	1-102
229977	1-65	231376	1-102
229978	1-65	231377	1-102
229979	1-65	231378	1-72, 1-80, 1-89
229981	1-75, 1-83	231379	1-72, 1-80, 1-89
229982	1-29	231390	1-72, 1-75
229993	1-97, 1-105	231391	1-72, 1-77
229994	1-99, 1-107	231396	1-72
229998	1-94, 1-97	231397	1-72
229999	1-94, 1-99	231398	1-72
23085	1-32	231399	1-72
231211	1-94	231400	1-72
231212	1-94	231792	1-55, 1-57, 1-59, 1-61
231213	1-94	231802	1-57
231214	1-94	231803	1-57
231215	1-94	231804	1-55
231295	1-47	232181	1-69
231296	1-91, 1-141	234415	1-57
231299	1-91	234416	1-59
231300	1-25, 1-27, 1-29	234417	1-59
231304	1-89	234418	1-59
231306	1-87	234419	1-61
231333	1-65	234420	1-61
231336	1-17	234421	1-61
231337	1-145	234422	1-53
231348	1-143	234423	1-53
231349	1-143	234424	1-53
231353	1-145	2-368-010273	1-65, 1-145

2-368-010287	1-9, 1-65	243053	1-27
237400	1-25, 1-27	243054	1-27
237407	1-35	243123	1-137
239435	1-5, 1-39, 1-41	243124	1-137
240342	1-27	243125	1-137
240409	1-119, 1-123, 1-127	243129	1-27
240427	1-119, 1-123	243131	1-41
240428	1-127	243197	1-41
240431	1-119, 1-123, 1-127	243199	1-41, 1-43, 1-45, 1-47, 1-49, 1-140
240433	1-137	246704	1-123
240436	1-137	246705	1-119
240446	1-137	246706	1-127
240455	1-137	246715	1-119, 1-123, 1-127
240460	1-137	246778	1-41, 1-43, 1-45, 1-47, 1-49
240461	1-137	246802	1-140
240464	1-137	2-474-010022	1-3, 1-43, 1-45, 1-91, 1-113
241842	1-116, 1-137	247534	1-119, 1-140
241845	1-116, 1-137	247535	1-123, 1-140
241846	1-116, 1-137	251975	1-140
241847	1-116, 1-137	251976	1-140
241852	1-137	2-557-010409	1-18, 1-145
241856	1-137	256090	1-140
241857	1-137	256092	1-116
241870	1-137	256093	1-116
241874	1-135	256094	1-116
241876	1-131, 1-133, 1-135	256095	1-116
241877	1-131, 1-133, 1-135	256097	1-131
241878	1-137	256119	1-116
241880	1-119, 1-123, 1-127	256120	1-116
241889	1-116, 1-133	256121	1-116
241890	1-116, 1-135	256122	1-116
241991	1-27	256127	1-116
241992	1-27	256150	1-116
241994	1-27	256151	1-116
241995	1-3, 1-27	256152	1-116
241996	1-27	256158	1-140
243050	1-27	256159	1-140
243052	1-27	256160	1-116, 1-131

256162	1-116, 1-135	71509008	1-113
256163	1-116, 1-133	71509123	1-91
256170	1-140	71509124	1-91
256199	1-119, 1-123, 1-127	71509382	1-45
257264	1-116	71510821	1-140
2-573-010037	1-69	7779-72	1-113
2-573-010198	1-69	7779-78	1-113
2-573-010330-02	1-32	7779-84	1-91, 1-113
2-573-010336	1-35, 1-69	8-102-010043	1-75, 1-77, 1-83, 1-87
2-573-010469	1-25, 1-27, 1-69	8-573-010084	1-69
259992	1-116, 1-123	8-622-010007	1-110
259994	1-116, 1-119	8-622-010081	1-110
259995	1-116, 1-127	8J187	1-119, 1-123, 1-127
259996	1-116, 1-123	900598-10S	1-41, 1-49
259998	1-116, 1-119	9K078	1-65
259999	1-116, 1-127		
29SFFL 5811	1-75, 1-77, 1-83, 1-87	T	
3/4-10X9-1/2CS8	1-143		
3J451	1-119, 1-123, 1-127	TR575	1-5, 1-17
3P079	1-119, 1-123, 1-127		
4001060	1-23	W	
5000	1-21, 1-23, 1-32, 1-109		
5001188	1-39	W908409-4	1-3
500171	1-13		
528933	1-65, 1-69		
528934	1-65, 1-69, 1-124		
528938	1-65, 1-69		
6-102-010009	1-109, 1-116		
622-3511-010	1-131, 1-133, 1-135		
66826	1-25, 1-27, 1-29		
66827	1-25, 1-27, 1-29		
70239854	1-3, 1-9, 1-75, 1-83, 1-87		
70260977	1-3, 1-69		
71500165	1-113		
71508954	1-45		
71508988	1-140		
71509004	1-91		
71509006	1-140		

Document Control Revision Log:

Date	Form #	Improvement(s): Description and Comments
03/19/2021	F-1100	New Manual
05/25/2021	F-1100-0521	Initial Release
07/28/2021	F-1100-0721	Updated tire/wheel assmbly
10/27/2021	F-1100-0721	Added 246778 5/8 hose manifold assembly to hydraulic lift drawings, updated all hydraulic pages
02/01/2024	F-1100-2402	Updated new 5/8 hose manifold assembly and 5/8 hoses to all hydraulic drawings pages 1-48 through 1-49, added new auto reset clamp assembly drawing and text page 1-24 through 1-27
09/08/2026	F-1100-2609	Added Disc Lev/Reel attachment option



intertek

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

Model 2132 Coulter Chisel Parts Manual

Re-Order Part Number F-1100

LANDOLL COMPANY, LLC

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



Copyright 2026. Landoll Company, LLC

“All rights reserved, including the right to reproduce this material or portions thereof in any form.”

Scan to go to www.landoll.com

