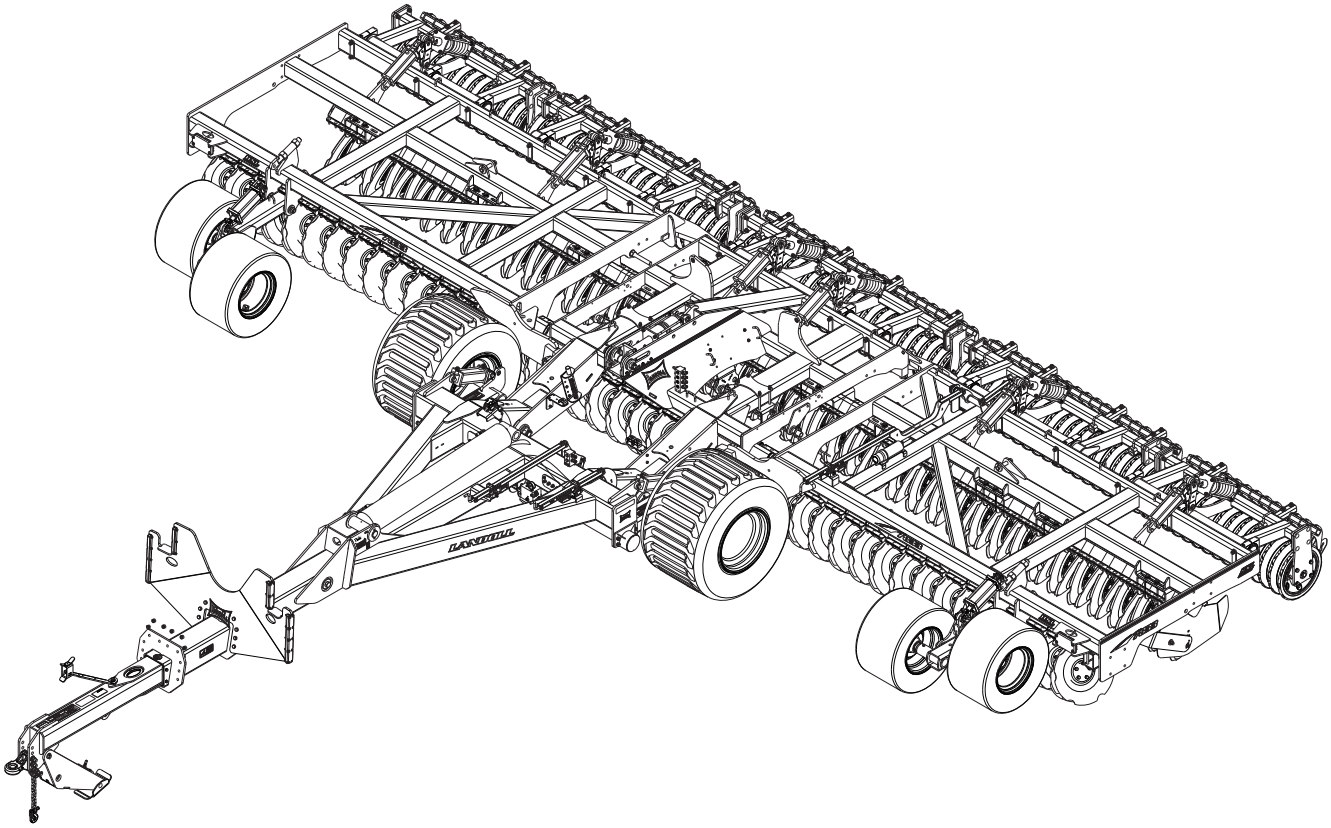
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Model 7833
High Speed Landoll (HSL)
Parts Manual



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

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Manuals for the Model 7833 HSL	
MANUAL NUMBER	**MANUAL NAME**
F-894	7833 HSL Operator's Manual
F-895	7833 HSL Parts Manual

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Instructions For Ordering Parts

DEALER INSTRUCTIONS FOR ORDERING PARTS FROM LANDOLL PARTS DISTRIBUTION CENTER

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

PHONE #: 800-423-4320 or 785-562-5381 **Fax #: 888-527-3909**
ORDER ONLINE: DEALER.LANDOLL.COM

IDENTIFICATION PLATE

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

SERIAL NUMBER NOMENCLATURE

The serial number for the 7833 HSL is located on the identification plate.



Figure 1-1: Identification Plate and Location

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Center Frames & Assemblies

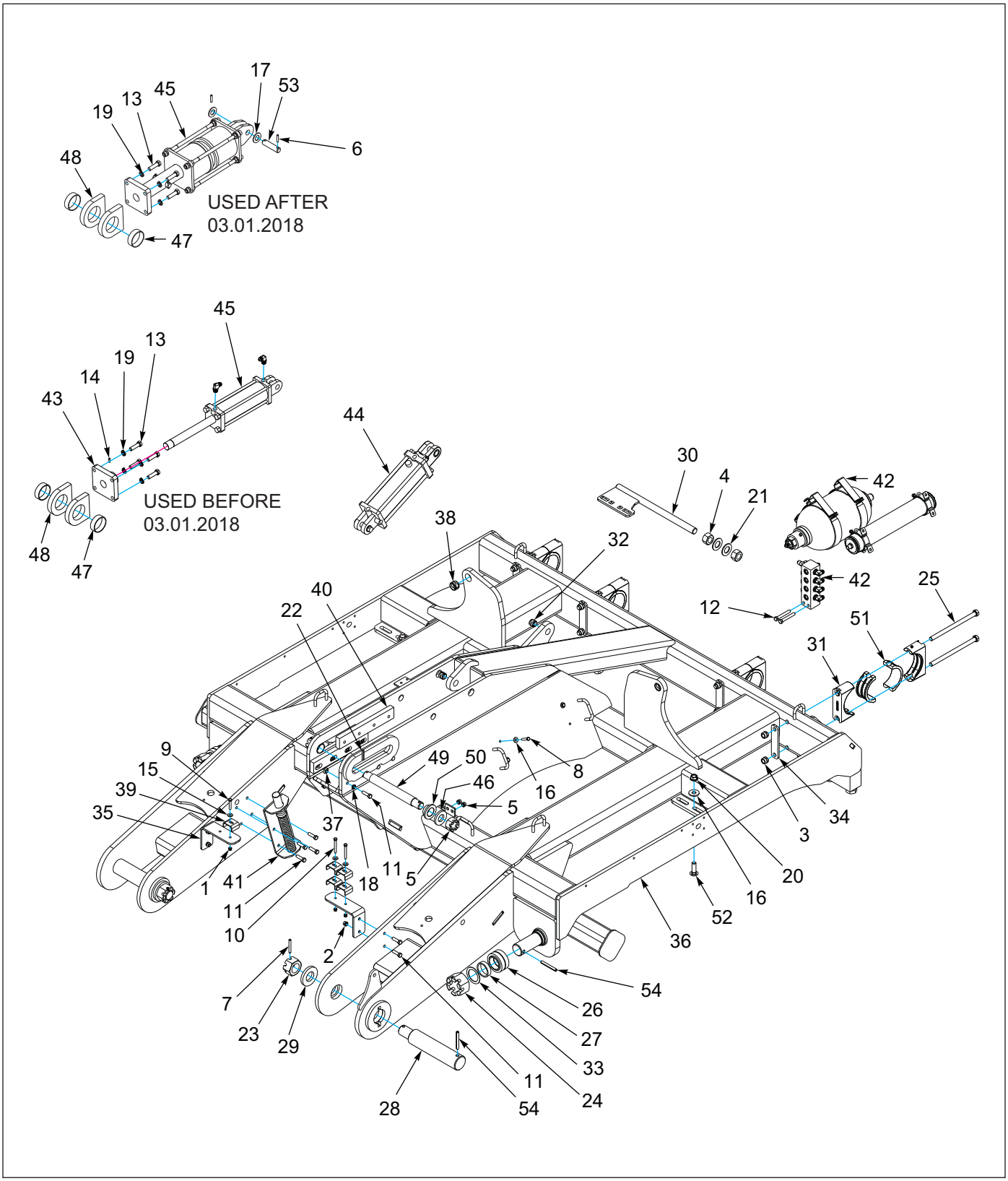


Figure 1-2: Center Section Frame Assembly - 25’ & 30’

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Center Section Frame Assembly - 25’ & 30’

ITEM	PART NO.	DESCRIPTION	QTY.
	201325	DISC ASSY 7833-25-30 CNTR SEC	
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	7
2	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	10
3	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	8
4	1-512-010007-16	NUT,HEX 1-1/4-7, ZP	2
5	1-516-010001-27	NUT,HX SLOT 1-1/2-6 ZP	2
6	1-647-010004236	SPRING PIN, SLOTTED, 5/16 X 1-1/2	2
7	1-647-010004259	SPRING PIN, SLOTTED 3/8X3	2
8	1-654-010051-08	SCREW, HEX CAP, 3/8-16 X 1-3/4 G	4
9	1-654-010051-09	SCREW,HEX CAP,3/8-16UNCX2 GR5	1
10	1-654-010051-13	SCREW,HX CP,3/8-16UNCX3,GR5	2
11	1-654-010055-04	SCREW,HEX CAP,1/2-13UNCX1-3/4	16
12	1-654-010055-11	SCREW,HX CP 1/2-13UNCX3-1/2	2
13	1-654-010059-06	SCREW,HEX CAP 5/8-11X2-1/4 G5	4
14	1-654-010077-2	SCREW, SET, 1/4 X 3/4, SQHD CP PT	1
15	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	9
16	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	12
17	1-861-010032-24	WASHER, FLAT, 1IN NARROW ZP	2
18	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	8
19	1-861-010034-15	WASHER, LKG,HLCL SPR,5/8	4
20	103841	NUT,FLG,LNK,SERRATED 3/4-10UNC	12
21	116100	WASHER 1-1/4 NAR FL ZP/CD	2
22	127712	PIN SPRING SLOTTED 3/8X2-1/4	2
23	172891	NUT HX SLOT 2-4-1/2 ZP	2
24	172892	NUT HX SLOT 2-1/2-4 ZP	2
25	172919	SCREW HX CP,3/4-10X12 GR8 ZP	8
26	186592	BUSHING, SELF ALIGNING 2-1/2	2
27	187227	SPACER PIVOT	2
28	187316	PIN-STEP, 11-3/4 X 3	2
29	187317	WASHER-HEAVY, 4X2X1/2	2
30	187631	BRACKET, GANG ADJUSTMENT, 12-1/2, WLDMT	1
30	195279	BRACKET, GANG ADJUSTMENT, 8-1/2, WLDMT	1
31	188038	BRG HALF, 4-1/2 INSERT	8
32	192890	BUSHING 1-3/8OD X 1 ID X 1 STEEL	3
33	192946	WASHER, 2-9/16 X 3-1/2, SS	2
34	195115	PLATE-BACKER, BEARING	4
35	195283	PLATE-HOSE HOLDER MOUNT	2
36	198934	FRAME WLDMT CENTER SECTION	1
37	1C380	NUT SQ 1/2-13NC	8
38	2-150-010174	BUSHING,1-5/8X1-1/4X1	2
39	2-181-010001	HOSE CLAMP	5
40	200793	GLIDE CYLINDER	2
41	201197	BRACKET-SPRING, ASSEMBLY **(SEE PAGE 1-10)**	1
42	201227	KIT, HYDRAULIC CENTER SECTION **(SEE PAGE 1-11)**	1
43	201270	MOUNT WLDMT CLEVIS CYLINDER	1
44	201275	CYLINDER, 4 X 10 REPHASE **(SEE PAGE 1-176)**	2

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Center Section Frame Assembly - 25’ & 30’

ITEM	PART NO.	DESCRIPTION	QTY.
45	201292	CYLINDER-HYD,3-1/2 X10,3000PSI **(BEFORE 03/18)** **(SEE PAGE 1-178)**	1
45	209373	SPRING,TILT CYLINDER, ASSEMBLY **(AFTER 03/18)**	1
46	203399	WASHER-RETAINING, 1-1/2	2
47	203433	BEARING-EWS, 3.02 X 3.254 X 1	2
48	203454	PLATE YOKE BUSHING	2
49	217942	PIN-MAST, 7833-25, 30	1
50	217943	BUSHING-FLANGED, 1-3/4 X 2	2
51	2P793	BRG INSERT, 4 1/2 INSERT	8
52	3/4-10X2-1/2CB	SCREW,RDH SQNK 3/4-10X2-1/2	12
53	8K047	PIN, 1 X 4 1/16	1
54	8K756	ROLL PIN 1/2 x 4	2

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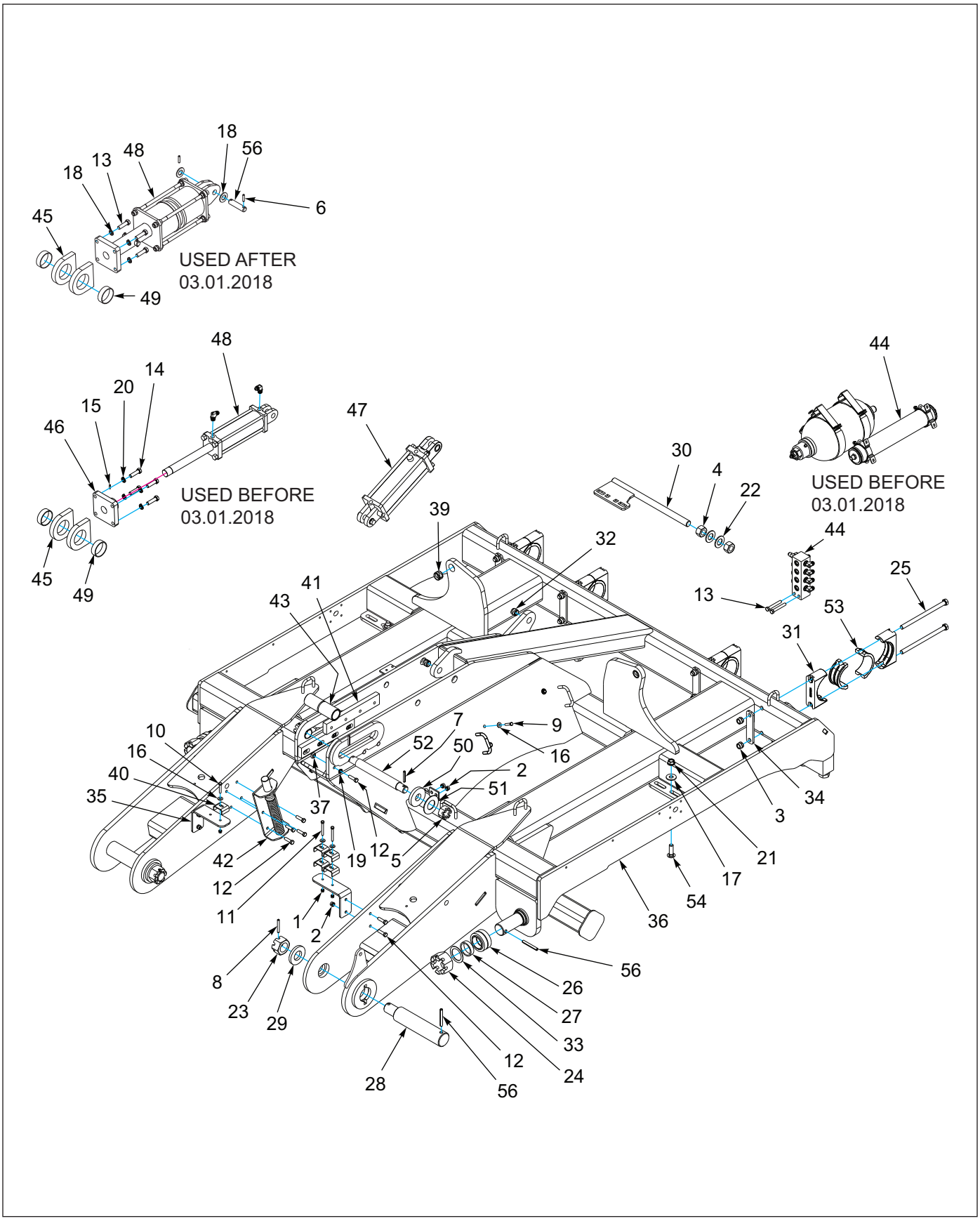


Figure 1-3: Center Section Frame Assembly - 35' & 40'

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Center Section Frame Assembly - 35’ & 40’

ITEM	PART NO.	DESCRIPTION	QTY.
	201223	DISC ASSY 7833-35-40 CNTR SEC	
1	1-512-010005-05	NUT, HEX, SLFLKG, GRB 3/8-16	6
2	1-512-010005-09	NUT, HEX, SLFLKG, GRB 1/2-13	14
3	1-512-010005-15	NUT, HEX, SLFLKG, GRB 3/4-10	8
4	1-512-010007-16	NUT,HEX 1-1/4-7, ZP	2
5	1-516-010001-27	NUT, HEX SLOT 1-1/2-6 ZP	2
6	1-647-010004236	SPRING PIN, SLOTTED, 5/16 X 1-1/2	2
7	1-647-010004257	PIN SPRING SLOTTED 3/8X2-1/2	2
8	1-647-010004259	SPRING PIN, SLOTTED 3/8X3	2
9	1-654-010051-08	SCREW, HEX CAP, 3/8-16 X 1-3/4 G	3
10	1-654-010051-09	SCREW, HEX CAP,3/8-16UNCX2 GR5	1
11	1-654-010051-13	SCREW, HEX CAP,3/8-16UNCX3,GR5	2
12	1-654-010055-04	SCREW, HEX CAP,1/2-13UNCX1-3/4	16
13	1-654-010055-11	SCREW,HX CP 1/2-13UNCX3-1/2	2
14	1-654-010059-06	SCREW,HEX CAP 5/8-11X2-1/4 G5	4
15	1-654-010077-2	SCREW, SET, 1/4 X 3/4, SQHD CP PT	1
16	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	9
17	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	12
18	1-861-010032-24	WASHER, FLAT, 1IN NARROW ZP	2
19	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	8
20	1-861-010034-15	WASHER,LKG,HLCL SPR,5/8	4
21	103841	NUT, FLG, LNK, SERRATED 3/4-10 UNC	12
22	116100	WASHER 1-1/4 NAR FL ZP/CD	2
23	172891	NUT, HEX SLOT 2-4-1/2 ZP	2
24	172892	NUT, HEX SLOT 2-1/2-4 ZP	2
25	172919	SCREW, HEX CP,3/4-10X12 GR8 ZP	8
26	186592	BUSHING, SELF ALIGNING 2-1/2	2
27	187227	SPACER PIVOT	2
28	187316	PIN-STEP, 11-3/4 X 3	2
29	187317	WASHER-HEAVY, 4X2X1/2	2
30	187631	BRACKET, GANG ADJUSTMENT, 12-1/2, WLDMT	1
31	188038	BRG HALF, 4-1/2 INSERT	8
32	192890	BUSHING 1-3/8OD X 1 ID X 1 STEEL	3
33	192946	WASHER, 2-9/16 X 3-1/2, SS	2
34	195115	PLATE-BACKER, BEARING	4
35	195283	PLATE-HOSE HOLDER MOUNT	2
36	198934	FRAME WLDMT CENTER SECTION	1
37	1C380	NUT SQ 1/2-13NC	8
38	2-150-010008	BUSHING 1-1/4ODX1IDX1 STEEL	3
39	2-150-010174	BUSHING,1-5/8X1-1/4X1	2
40	2-181-010001	HOSE CLAMP	5
41	200755	GLIDE CYLINDER	2
42	201197	BRACKET-SPRING, ASSEMBLY **(SEE PAGE 1-10)**	1
43	201226	BUSHING, 2.50 X 2.015 X 7.75	1
44	201227	KIT, HYDRAULIC CENTER SECTION **(SEE PAGE 1-11)**	1
45	201256	PLATE YOKE BUSHING	2
46	201270	MOUNT WLDMT CLEVIS CYLINDER	1
47	201275	CYLINDER, 4 X 10 REPHASE **(SEE PAGE 1-176)**	2

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Center Section Frame Assembly - 35’ & 40’

ITEM	PART NO.	DESCRIPTION	QTY.
48	201292	CYLINDER-HYD, 3-1/2 X10,3000 PSI **(BEFORE 03/01/18)** **(SEE PAGE 1-178)**	1
48	209299	SPRING,TILT CYLINDER, ASSEMBLY **(AFTER 03/01/18)**	1
49	201323	BEARING-EWS, 4 X 4-1/4 X 1 **(BEFORE 4/25/2017)**	2
49	203497	BEARING-EWS, 4.02 X 4.255 X 1 **(AFTER 4/25/2017)**	2
50	203396	WASHER, RETAINING, 1.53X4X5/8	2
51	203398	WASHER, 2 X 4 X 10 GA SS	2
52	217940	PIN-MAST,	1
53	2P793	BRG INSERT, 4 1/2 INSERT	8
54	3/4-10X2-1/2CB	SCREW,RDH SQNK 3/4-10X2-1/2	12
55	8K047	PIN, 1 X 4 1/16	1
56	8K756	ROLL PIN 1/2 x 4	2

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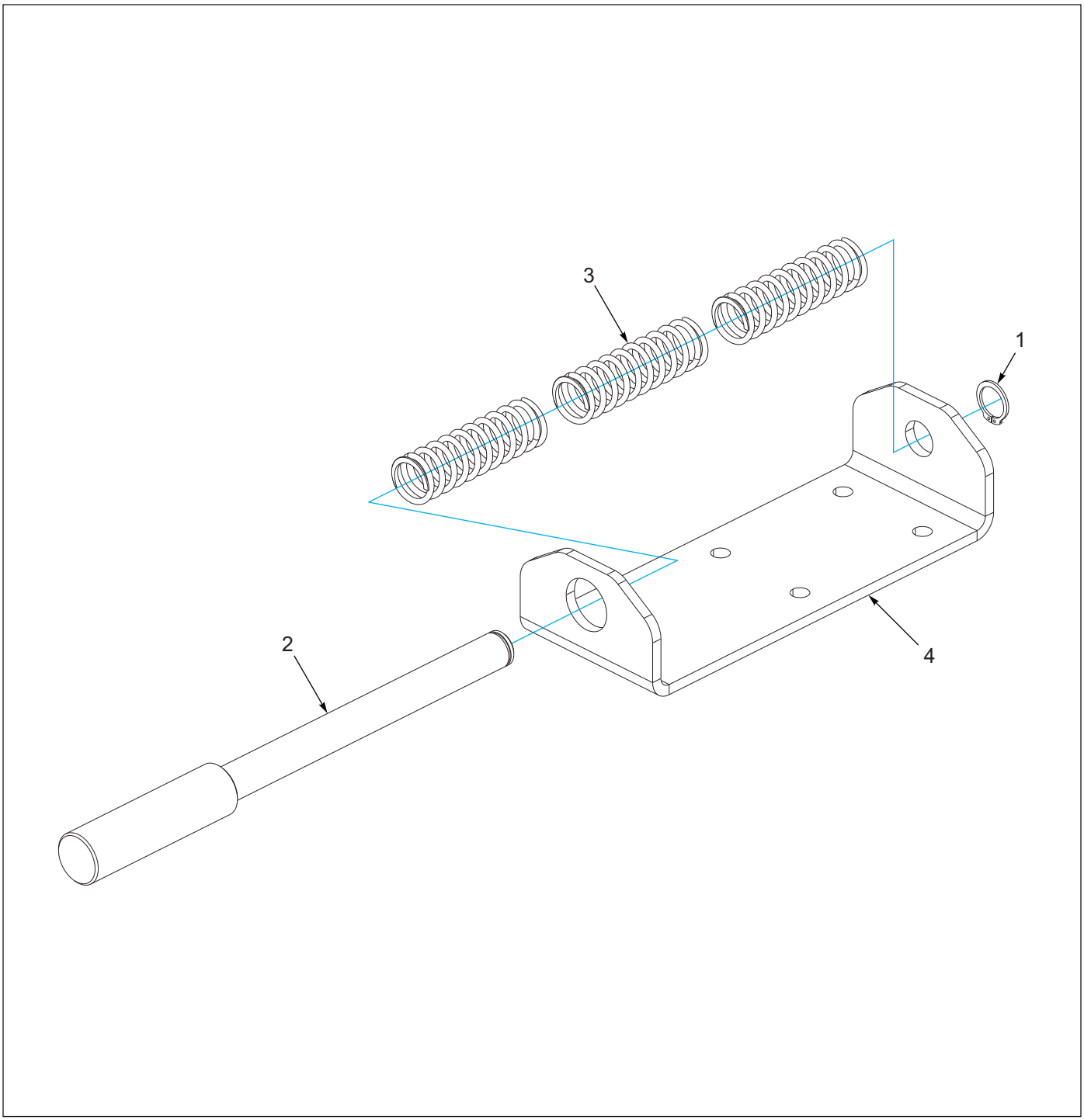


Figure 1-4: Bracket Spring Assembly

Bracket Spring Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	201197	BRACKET SPRING ASSEMBLY	
1	1-630-010021-03	RING, RETAINING 1 HD	1
2	195027	PIN, DEPTH STOP	1
3	122917	SPRING, CMPNDRESSION, 4-1/2 MONO	3
4	201196	BRACKET SPRING	1

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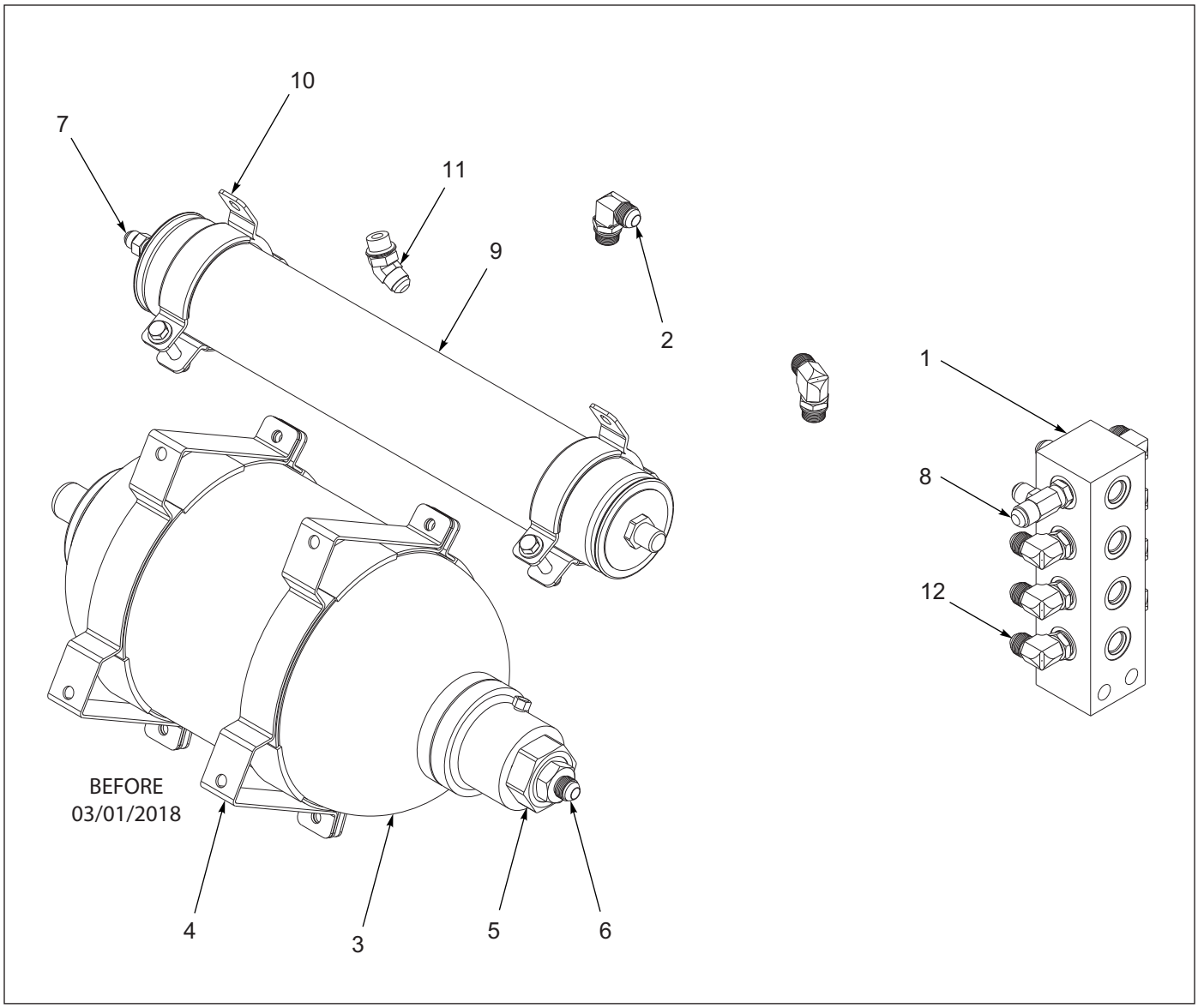


Figure 1-5: Center Section Hydraulic Kit

Center Section Hydraulic Kit

ITEM	PART NO.	DESCRIPTION	QTY.
	201227	KIT, HYDRAULIC CENTER SECTION	
1	141594	MANIFOLD, HYDRAULIC 16 PORT	1
2	141826	ELBOW 90 1/16 RES	1
3	201284	ACCUMULATOR BLADR, 10 L, 3000 PSI **(BEFORE 03/01/2018)**	1
4	201321	BRACKET, MOUNTING, ACCUMULATOR **(BEFORE 03/01/2018)**	2
5	201331	ADAPTER, O-RING REDUCER, -24 X-12 **(BEFORE 03/01/2018)**	1
6	202702-12-8S	ADAPTER, 12 O-RING, 8 TUBE **(BEFORE 03/01/2018)**	1
7	202702-8-8S	ADAPTER, 8 O-RING TO 8 TUBE	5
8	203005-8-8S	ADAPTER, TEE, 8 O-RING-TUBE	1
9	203429	ACCUMULATOR PISTON, 122 CI	1
10	203430	BRACKET, MOUNTING, ACCMLTR, 3 IN	2
11	2061-8-8S	ADAPTER, 45, 8 O-RING-TUBE	1
12	2062-8-8S	ADAPTER, 90, 8 O-RING-TUBE	9

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Wing Frames & Assemblies

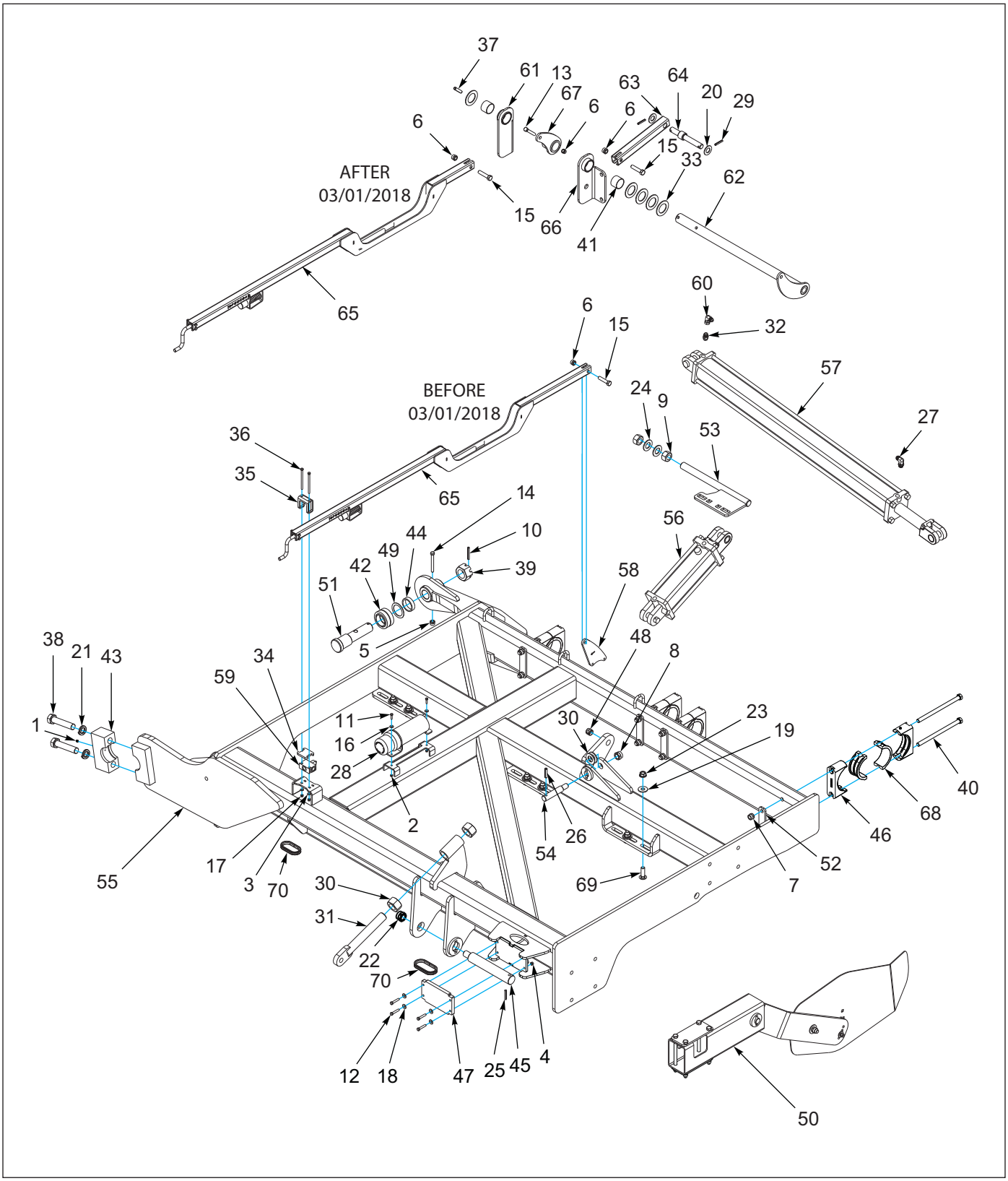


Figure 1-6: Wing Frame Assembly - Left Hand 25’

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Wing Frame Assembly - Left Hand 25’

ITEM	PART NO.	DESCRIPTION	QTY.
	201211	WING ASSEMBLY, 7833 - 25 LH	
	201212	WING ASSEMBLY, 7833 - 25 RH	
1	1-298-010001-1	ZERK FITTING, 1/4 SAE	1
2	1-512-010005-01	NUT, HEX, SELFLOCKING GRB 1/4-20	2
3	1-512-010005-03	NUT, HEX, SELFLOCKING GRB 5/16-18	2
4	1-512-010005-05	NUT, HEX, SELFLOCKING GRB 3/8-16	4
5	1-512-010005-09	NUT, HEX, SELFLOCKING GRM 1/2-13	3
6	1-512-010005-13	NUT, HEX, SELFLOCKING GRB 5/8-11	4
7	1-512-010005-15	NUT, HEX, SELFLOCKING GRB 3/4-10	8
8	1-512-010005-19	NUT, HEX, SELFLOCKING GRB 1-8	1
9	1-512-010007-16	NUT, HEX, 1-1/4-7 GR2 ZP	2
10	1-647-010004259	SPRING PIN, SLOTTED 3/8 X 3	1
11	1-654-010047-06	SCREW, HEX CAP, 1/4-20 X 1 UNC GR5	2
12	1-654-010051-09	SCREW, HEX CAP, 3/8-16 UNC X 2 GR5	4
13	1-654-010055-10	SCREW, HEX CAP, 1/2-13 X 3-1/4 GR5	1
14	1-654-010055-14	SCREW, HEX CAP, 1/2-13 UNC X 4-1/2 GR5	1
15	1-654-010059-08	SCREW, HEX CAP, 5/8-11UNC X 2-3/4 GR5	2
16	1-861-010032-07	WASHER, FLAT 1/4 ZP	2
17	1-861-010032-08	WASHER, FLAT 5/16 N ZP	2
18	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	4
19	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	12
20	1-861-010032-24	WASHER, FLAT 1 NARROW ZP	2
21	100825	WASHER, LKG, HLCL SPR 1-1/4	2
22	101385	NUT, HEX, SELFLOCKING GRB 1-1/4-7	1
23	103841	NUT, FLANG, LNK, SERRATED 3/4-10UNC	12
24	116100	WASHER, NARROW, FLAT, 1-1/4 ZP/CD	2
25	140191	PIN, GROOVED, ALLOY 1/2 X 3	1
26	141251	PIN, SPRING, SLOTTED 1/2 X 2-1/4	1
27	141826	ELBOW, 90, 1/16 RES	1
28	142753	MANUAL HOLDER	1
29	147072	PIN, SPRING, SLOTTED 5/16 X 2	2
30	159954	NUT HEX 1-3/4-5 UNC GR2	2
31	159955	ROD, CYLINDER ANCHOR	1
32	162671	CHECK VALVE W/ORIFICE	1
33	164471	WASHER, THRUST 2	5
34	165257	PAD, SLIDE	1
35	165265	GUIDE, DEPTH STOP	1
36	171556	SCREW, HEX CAP, 5/16-18 UNC X 5-1/2	2
37	172802	PIN, SPRING, SLOTTED 1/2 X 2-1/2	1
38	172823	SCREW HX CAP 1-1/4-7X6 GR8	2
39	172891	NUT, HEX SLOT 2-4-1/2 ZP	1
40	172919	SCREW, HEX CAP, 3/4-10 X 12 GR8 ZP	8
41	183815	BUSHING, 2-1/4 X 2 X 1-1/2 L	2
42	186592	BUSHING, SELF ALIGNING, 2-1/2	1
43	186799	BLOCK-BEARING	1
44	187227	SPACER PIVOT	1
45	187318	PIN, SHOULDER 2 X 11-5/8	1
46	188038	BEARING HALF, 4-1/2 INSERT	8

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Wing Frame Assembly - Left Hand 25’

ITEM	PART NO.	DESCRIPTION	QTY.
47	192563	PLATE-WING REST, NYLATRON	1
48	192890	BUSHING, 1-2/8 OD X 1 ID X 1 STEEL **(AFTER 03/01/2018)**	2
48	2-150-010008	BUSHING, 1-1/4 OD X 1 ID X 1 STEEL **(BEFORE 03/01/2018)**	1
49	192946	WASHER, 2-9/16 X 3-1/2, SS	1
50	193760	BLADE-LEVELER, ASSEMBLY **(SEE PAGE 1-28)**	1
51	195047	PIN, PIVOT, WING	1
52	195115	PLATE, BEARING BACKER	4
53	195279	BRACKET, GANG ADJUSTMENT, WLDMT	1
54	200756	PIN, 1-1/4 X 4-5/8, STEP	1
55	201203	FRAME, WING, LH 7833-25, WLDMT	1
56	201276	CYLINDER, 3.75 X 10 REPHASE **(SEE PAGE 1-176)**	1
57	201347	CYLINDER, HYDRAULIC, 4 X 48, 2-1/4 RD, 3000 **(SEE PAGE 1-180)**	1
58	203383	PLATE, LIFT CONTROL	1
59	203467	VALVE, LIMIT, STROKE	1
60	2071-8-8S	ADAPTER, 90, 8 FLARE SWIVEL, 8 JIC	1
61	209189	BRACKET, REEL CONTROL, WLDMT	1
62	209193	TUBE, REEL CONTROL, WLDMT	1
63	209194	TUBE, REEL CONTROL	1
64	209196	PIN, REEL CONTROL	1
65	203381	TUBE, DEPTH CONTROL, ASSEMBLY **(BEFORE 03/01/2018)** **(SEE PAGE 1-33)**	1 1
65	209200	TUBE, REEL CONTROL, ASSEMBLY **(AFTER 03/01/2018)** **(SEE PAGE 1-33)**	
66	209219	BRACKET, PIVOT, WLDMT	1
67	209366	ARM, CRANK, REEL CONTROL, WLDMT	1
68	2P793	BEARING INSERT, 4 1/2	8
69	3/4-10X2-1/2CB	SCREW, ROUND HEAD SQUARE NECK 3/4-10 X 2-1/2	12
70	1-822-010001	TRIM, 1350 3/8, BLACK FINE PEBBLE	2

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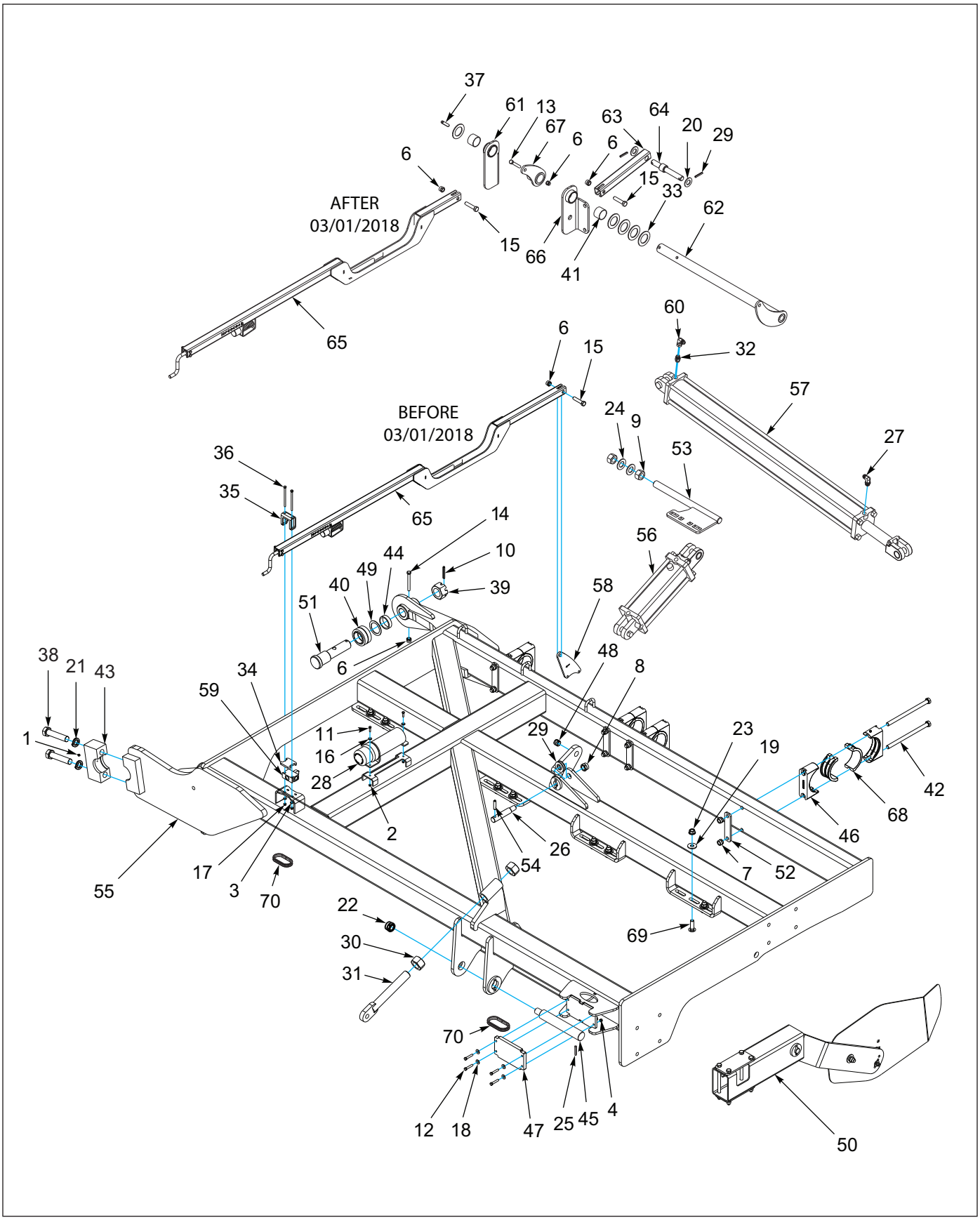


Figure 1-7: Wing Frame Assembly - Left Hand 30'

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Wing Frame Assembly - Left Hand 30’

ITEM	PART NO.	DESCRIPTION	QTY.
	201213	WING ASSY 7833-30 LH	
	201214	WING ASSY 7833-30 RH	
1	1-298-010001-1	ZERK FITTING, 1/4 SAE	1
2	1-512-010005-01	NUT, HEX, SELFLOCKING GRB 1/4-20	2
3	1-512-010005-03	NUT, HEX, SELFLOCKING GRB 5/16-18	2
4	1-512-010005-05	NUT, HEX, SELFLOCKING GRB 3/8-16	4
5	1-512-010005-09	NUT, HEX, SELFLOCKING GRM 1/2-13	3
6	1-512-010005-13	NUT, HEX, SELFLOCKING GRB 5/8-11	4
7	1-512-010005-15	NUT, HEX, SELFLOCKING GRB 3/4-10	8
8	1-512-010005-19	NUT, HEX, SELFLOCKING GRB 1-8	1
9	1-512-010007-16	NUT, HEX, 1-1/4-7 GR2 ZP	2
10	1-647-010004259	SPRING PIN, SLOTTED 3/8 X 3	1
11	1-654-010047-06	SCREW, HEX CAP, 1/4-20 X 1 UNC GR5	2
12	1-654-010051-09	SCREW, HEX CAP, 3/8-16 UNC X 2 GR5	4
13	1-654-010055-10	SCREW, HEX CAP, 1/2-13 X 3-1/4 GR5	1
14	1-654-010055-14	SCREW, HEX CAP, 1/2-13 UNC X 4-1/2 GR5	1
15	1-654-010059-08	SCREW, HEX CAP, 5/8-11UNC X 2-3/4 GR5	2
16	1-861-010032-07	WASHER, FLAT 1/4 ZP	2
17	1-861-010032-08	WASHER, FLAT 5/16 N ZP	2
18	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	4
19	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	12
20	1-861-010032-24	WASHER, FLAT 1 NARROW ZP	2
21	100825	WASHER, LKG, HLCL SPR 1-1/4	2
22	101385	NUT, HEX, SELFLOCKING GRB 1-1/4-7	1
23	103841	NUT, FLANG, LNK, SERRATED 3/4-10UNC	12
24	116100	WASHER, NARROW, FLAT, 1-1/4 ZP/CD	2
25	140191	PIN, GROOVED, ALLOY 1/2 X 3	1
26	141251	PIN, SPRING, SLOTTED 1/2 X 2-1/4	1
27	141826	ELBOW, 90, 1/16 RES	1
28	142753	MANUAL HOLDER	1
29	147072	PIN, SPRING, SLOTTED 5/16 X 2	2
30	159954	NUT HEX 1-3/4-5 UNC GR2	2
31	159955	ROD, CYLINDER ANCHOR	1
32	162671	CHECK VALVE W/ORIFICE	1
33	164471	WASHER, THRUST 2	5
34	165257	PAD, SLIDE	1
35	165265	GUIDE, DEPTH STOP	1
36	171556	SCREW, HEX CAP, 5/16-18 UNC X 5-1/2	2
37	172802	PIN, SPRING, SLOTTED 1/2 X 2-1/2	1
38	172823	SCREW HX CAP 1-1/4-7X6 GR8	2
39	172891	NUT, HEX SLOT 2-4-1/2 ZP	1
40	172919	SCREW, HEX CAP, 3/4-10 X 12 GR8 ZP	8
41	183815	BUSHING, 2-1/4 X 2 X 1-1/2 L	2
42	186592	BUSHING, SELF ALIGNING, 2-1/2	1
43	186799	BLOCK-BEARING	1
44	187227	SPACER PIVOT	1
45	187318	PIN, SHOULDER 2 X 11-5/8	1
46	188038	BEARING HALF, 4-1/2 INSERT	8

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Wing Frame Assembly - Left Hand 30’

ITEM	PART NO.	DESCRIPTION	QTY.
47	192563	PLATE-WING REST, NYLATRON	1
48	192890	BUSHING, 1-2/8 OD X 1 ID X 1 STEEL **(AFTER 03/01/2018)**	2
48	2-150-010008	BUSHING, 1-1/4 OD X 1 ID X 1 STEEL **(BEFORE 03/01/2018)**	1
49	192946	WASHER, 2-9/16 X 3-1/2, SS	1
50	193760	BLADE-LEVELER, ASSEMBLY **(SEE PAGE 1-28)**	1
51	195047	PIN, PIVOT, WING	1
52	195115	PLATE, BEARING BACKER	4
53	195279	BRACKET, GANG ADJUSTMENT, WLDMT	1
54	200756	PIN, 1-1/4 X 4-5/8, STEP	1
55	201205	FRAME, WING, LH 7833-30, WLDMT	1
56	201276	CYLINDER, 3.75 X 10 REPHASE **(SEE PAGE 1-178)**	1
57	201347	CYLINDER, HYDRAULIC, 4 X 48, 2-1/4 RD, 3000 **(SEE PAGE 1-180)**	1
58	203383	PLATE, LIFT CONTROL	1
59	203467	VALVE, LIMIT, STROKE	1
60	2071-8-8S	ADAPTER, 90, 8 FLARE SWIVEL, 8 JIC	1
61	209189	BRACKET, REEL CONTROL, WLDMT	1
62	209193	TUBE, REEL CONTROL, WLDMT	1
63	209194	TUBE, REEL CONTROL	1
64	209196	PIN, REEL CONTROL	1
65	203381	TUBE, DEPTH CONTROL, ASSEMBLY **(BEFORE 03/01/2018)** **(SEE PAGE 1-33)**	1
65	209200	TUBE, REEL CONTROL, ASSEMBLY **(AFTER 03/01/2018)** **(SEE PAGE 1-33)**	1
66	209219	BRACKET, PIVOT, WLDMT	1
67	209366	ARM, CRANK, REEL CONTROL, WLDMT	1
68	2P793	BEARING INSERT, 4 1/2	8
69	3/4-10X2-1/2CB	SCREW, ROUND HEAD SQUARE NECK 3/4-10 X 2-1/2	12
70	1-822-010001	TRIM, 1350 3/8, BLACK FINE PEBBLE	2

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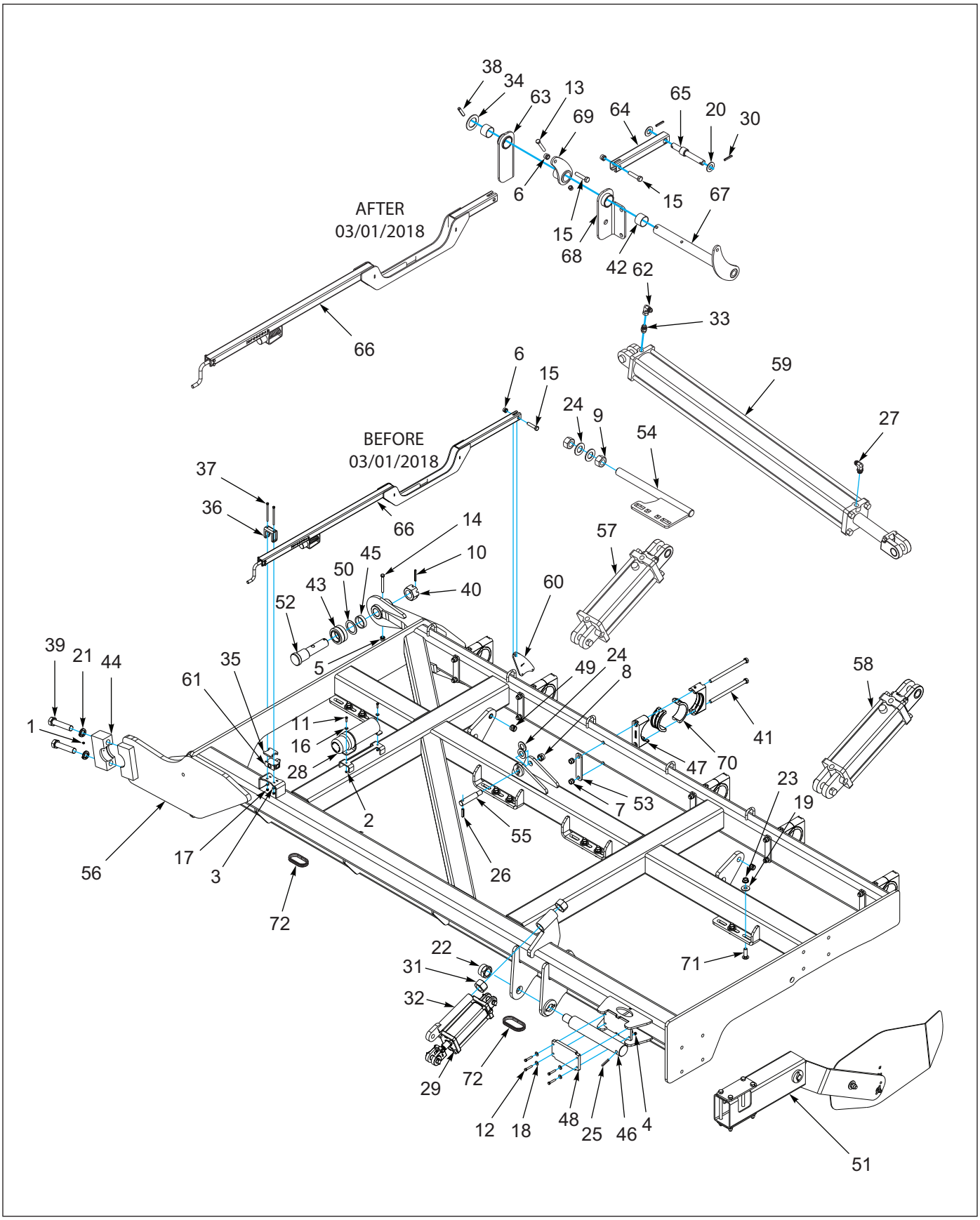


Figure 1-8: Wing Frame Assembly - Left Hand 35'

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Wing Frame Assembly - Left Hand 35’

ITEM	PART NO.	DESCRIPTION	QTY.
	201215	WING ASSEMBLY, 7833-35 LH	
	201216	WING ASSEMBLY, 7833-35 RH	
1	1-298-010001-1	ZERK FITTING, 1/4 SAE	1
2	1-512-010005-01	NUT,HEX, SLFLKG GRB 1/4-20	2
3	1-512-010005-03	NUT, HEX, SLFLKG GRB 5/16-18	2
4	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
5	1-512-010005-09	NUT, HEX, SELFLOCKING GRM 1/2-13	4
6	1-512-010005-13	NUT, HEX, SLFLKG GRB 5/8-11	5
7	1-512-010005-15	NUT, HEX, SLFLKG GRB 3/4-10	12
8	1-512-010005-19	NUT, HEX, SLF-LOCKING GRB 1-8	1
9	1-512-010007-16	NUT, HEX, 1-1/4-7 GR2 ZP	2
10	1-647-010004259	SPRING PIN, SLOTTED 3/8X3	1
11	1-654-010047-06	SCREW, HEX CAP, 1/4-20UNCX1 GR5	2
12	1-654-010051-09	SCREW, HEX CAP, 3/8-16UNCX2 GR5	4
13	1-654-010055-10	SCREW, HEX CAP, 1/2-13 X 3-1/4 GR5	1
14	1-654-010055-14	SCREW, HEX CAP, 1/2-13UNCX4-1/2G5	1
15	1-654-010059-08	SCREW, HEX CAP, 5/8-11UNCX2-3/4G5	2
16	1-861-010032-07	WASHER, FLAT 1/4 ZP	2
17	1-861-010032-08	WASHER, FLAT 5/16 N ZP	2
18	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	4
19	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	16
20	1-861-010032-24	WASHER, FLAT 1 NARROW ZP	3
21	100825	WASHER, LKG, HLCL SPR 1-1/4	2
22	101385	NUT, HEX, SELFLOCKING GRB 1-1/4-7	1
23	103841	NUT, FLG, LNK,SERRATED 3/4-10UNC	16
24	116100	WASHER 1-1/4 NAR FL ZP/CD	4
25	140191	PIN, GROOVED, ALLOY 1/2 X 3	1
26	141251	SPRING PIN,SLOTTED 1/2X2-1/4	1
27	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	1
28	142753	MANUAL HOLDER	1
29	145201	CYLINDER 4 X 8 REPHASE **(SEE PAGE 1-174)**	1
30	147072	PIN, SPRING, SLOTTED 5/16 X 2	2
31	159954	NUT, HEX 1-3/4-5 UNC GR2	2
32	159955	ROD, CYLINDER ANCHOR	1
33	162671	CHECK VALVE W/ORIFICE	1
34	164471	WASHER, THRUST 2	1
35	165257	PAD, SLIDE	1
36	165265	GUIDE, DEPTH STOP	1
37	171556	SCREW, HEX CAP, 5/16-18 UNC X 5-1/2	2
38	172802	PIN, SPRING, SLOTTED 1/2 X 2-1/2	1
39	172823	SCREW HX CAP 1-1/4-7X6 GR8	2
40	172891	NUT, HEX SLOT 2-4-1/2 ZP	1
41	172919	SCREW, HEX CAP, 3/4-10X12 GR8 ZP	12
42	183815	BUSHING, 2-1/4 X 2 X 1-1/2 L	2
43	186592	BUSHING, SELF ALIGNING 2-1/2	1
44	186799	BLOCK-BEARING	1
45	187227	SPACER PIVOT	1
46	187318	PIN, SHOULDER 2 X 11-5/8	1

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Wing Frame Assembly - Left Hand 35’

ITEM	PART NO.	DESCRIPTION	QTY.
47	188038	BRG HALF, 4-1/2 INSERT	12
48	192563	PLATE-WING REST, NYLATRON	1
49	192890	BUSHING, 1-2/8 OD X 1 ID X 1 STEEL **(AFTER 03/01/2018)**	3
49	2-150-010008	BUSHING, 1-1/4 OD X 1 ID X 1 STEEL **(BEFORE 03/01/2018)**	3
50	192946	WASHER, 2-9/16 X 3-1/2, SS	1
51	193760	BLADE-LEVELER, ASSEMBLY **(SEE PAGE 1-28)**	1
52	195047	PIN-PIVOT, WING	1
53	195115	PLATE-BACKER, BEARING	4
54	195279	BRACKET, GANG ADJUSTMENT, WLDMT	1
55	200756	PIN, 1-1/4 X 4-5/8, STEP	1
56	201207	FRAME WLDMT WING LH 7833-35	1
57	201276	CYLINDER, 3.75 X 10 REPHASE **(SEE PAGE 1-178)**	1
58	201277	CYLINDER, 3.5 X 10 REPHASE	1
59	201347	CYLINDER, HYDRAULIC, 4 X 48, 2-1/4 RD, 3000 **(SEE PAGE 1-180)**	1
60	203383	PLATE LIFT CONTROL	1
61	203467	VALVE, LIMIT, STROKE	1
62	2071-8-8S	ADAPTER, 90, 8 FLARE SWIVEL, 8 JIC	1
63	209189	BRACKET, REEL CONTROL, WLDMT	1
64	209194	TUBE, REEL CONTROL	1
65	209196	PIN, REEL CONTROL	1
66	203381	TUBE, DEPTH CONTROL, ASSEMBLY **(BEFORE 03/01/2018) (SEE PAGE 1-33)**	1
66	209200	TUBE, REEL CONTROL, ASSEMBLY **(AFTER 03/01/2018) (SEE PAGE 1-33)**	1
67	209216	TUBE, REEL CONTROL, WLDMT	1
68	209219	BRACKET, PIVOT, WLDMT	1
69	209366	ARM, CRANK, REEL CONTROL, WLDMT	1
70	2P793	BEARING INSERT, 4 1/2	12
71	3/4-10X2-1/2CB	SCREW, ROUND HEAD SQUARE NECK 3/4-10 X 2-1/2	16
72	1-822-010001	TRIM, 1350 3/8, BLACK FINE PEBBLE	2

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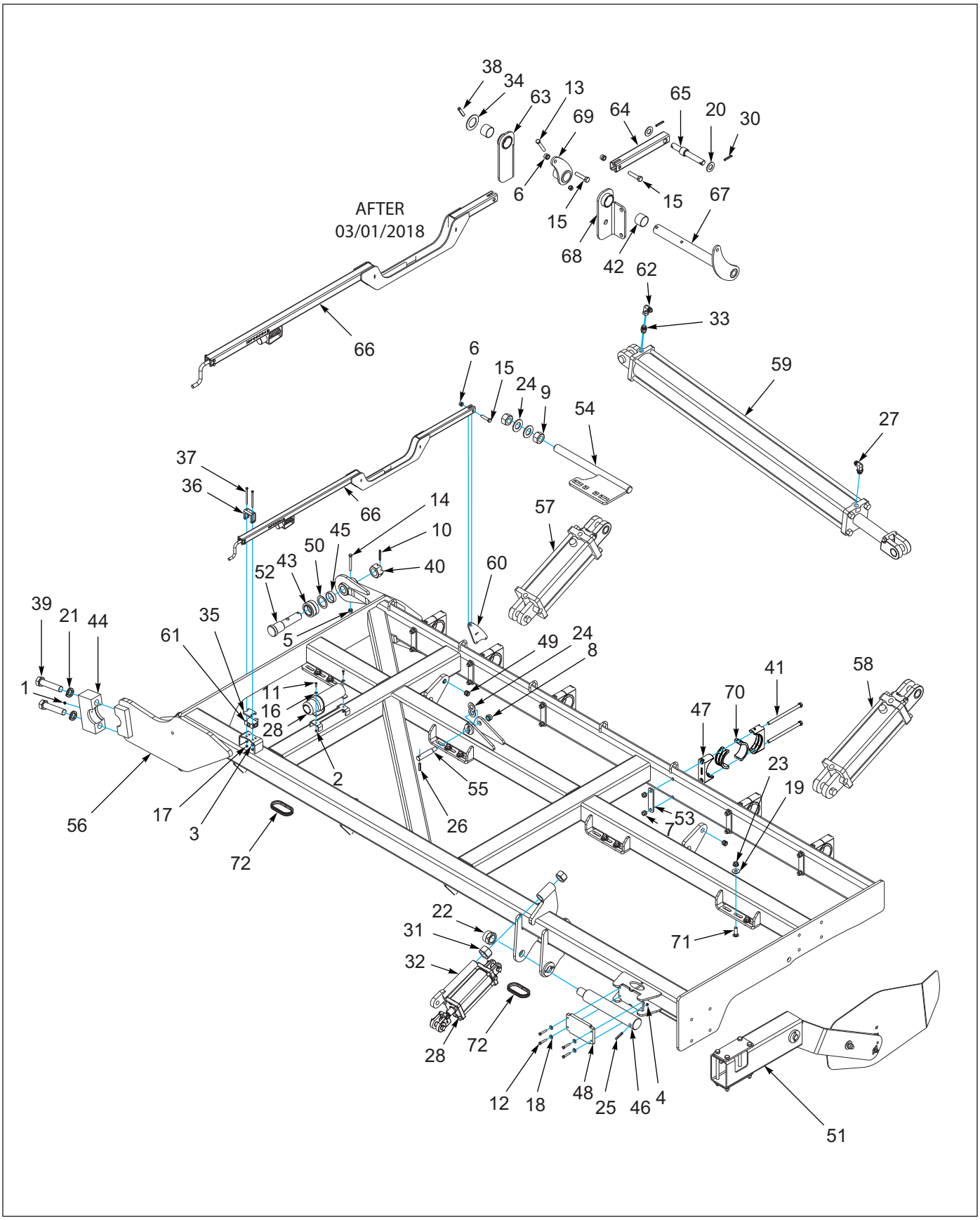


Figure 1-9: Wing Frame Assembly - Left Hand 40'

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Wing Frame Assembly - Left Hand 40’

ITEM	PART NO.	DESCRIPTION	QTY.
	201217	WING ASSY 7833-40 LH	
	201218	WING ASSY 7833-40 RH	
1	1-298-010001-1	ZERK FITTING, 1/4 SAE	1
2	1-512-010005-01	NUT,HEX, SLFLKG GRB 1/4-20	2
3	1-512-010005-03	NUT, HEX, SLFLKG GRB 5/16-18	2
4	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	4
5	1-512-010005-09	NUT, HEX, SELFLOCKING GRM 1/2-13	4
6	1-512-010005-13	NUT, HEX, SLFLKG GRB 5/8-11	5
7	1-512-010005-15	NUT, HEX, SLFLKG GRB 3/4-10	12
8	1-512-010005-19	NUT, HEX, SLF-LOCKING GRB 1-8	1
9	1-512-010007-16	NUT, HEX, 1-1/4-7 GR2 ZP	2
10	1-647-010004259	SPRING PIN, SLOTTED 3/8X3	1
11	1-654-010047-06	SCREW, HEX CAP, 1/4-20UNCX1 GR5	2
12	1-654-010051-09	SCREW, HEX CAP, 3/8-16UNCX2 GR5	4
13	1-654-010055-10	SCREW, HEX CAP, 1/2-13 X 3-1/4 GR5	1
14	1-654-010055-14	SCREW, HEX CAP, 1/2-13UNCX4-1/2G5	1
15	1-654-010059-08	SCREW, HEX CAP, 5/8-11UNCX2-3/4G5	2
16	1-861-010032-07	WASHER, FLAT 1/4 ZP	2
17	1-861-010032-08	WASHER, FLAT 5/16 N ZP	2
18	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	4
19	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	16
20	1-861-010032-24	WASHER, FLAT 1 NARROW ZP	3
21	100825	WASHER, LKG, HLCL SPR 1-1/4	2
22	101385	NUT, HEX, SELFLOCKING GRB 1-1/4-7	1
23	103841	NUT, FLG, LNK,SERRATED 3/4-10UNC	16
24	116100	WASHER 1-1/4 NAR FL ZP/CD	4
25	140191	PIN, GROOVED, ALLOY 1/2 X 3	1
26	141251	SPRING PIN,SLOTTED 1/2X2-1/4	1
27	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	1
28	142753	MANUAL HOLDER	1
29	145201	CYLINDER 4 X 8 REPHASE **(SEE PAGE 1-174)**	1
30	147072	PIN, SPRING, SLOTTED 5/16 X 2	2
31	159954	NUT, HEX 1-3/4-5 UNC GR2	2
32	159955	ROD, CYLINDER ANCHOR	1
33	162671	CHECK VALVE W/ORIFICE	1
34	164471	WASHER, THRUST 2	1
35	165257	PAD, SLIDE	1
36	165265	GUIDE, DEPTH STOP	1
37	171556	SCREW, HEX CAP, 5/16-18 UNC X 5-1/2	2
38	172802	PIN, SPRING, SLOTTED 1/2 X 2-1/2	1
39	172823	SCREW HX CAP 1-1/4-7X6 GR8	2
40	172891	NUT, HEX SLOT 2-4-1/2 ZP	1
41	172919	SCREW, HEX CAP, 3/4-10X12 GR8 ZP	12
42	183815	BUSHING, 2-1/4 X 2 X 1-1/2 L	2
43	186592	BUSHING, SELF ALIGNING 2-1/2	1
44	186799	BLOCK-BEARING	1
45	187227	SPACER PIVOT	1
46	187318	PIN, SHOULDER 2 X 11-5/8	1

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Wing Frame Assembly - Left Hand 40’

ITEM	PART NO.	DESCRIPTION	QTY.
47	188038	BRG HALF, 4-1/2 INSERT	12
48	192563	PLATE-WING REST, NYLATRON	1
49	192890	BUSHING, 1-2/8 OD X 1 ID X 1 STEEL **(AFTER 03/01/2018)**	3
49	2-150-010008	BUSHING, 1-1/4 OD X 1 ID X 1 STEEL **(BEFORE 03/01/2018)**	3
50	192946	WASHER, 2-9/16 X 3-1/2, SS	1
51	193760	BLADE-LEVELER, ASSEMBLY **(SEE PAGE 1-28)**	1
52	195047	PIN-PIVOT, WING	1
53	195115	PLATE-BACKER, BEARING	4
54	195279	BRACKET, GANG ADJUSTMENT, WLDMT	1
55	200756	PIN, 1-1/4 X 4-5/8, STEP	1
56	201209	FRAME WLDMT WING LH 7833-35	1
57	201276	CYLINDER, 3.75 X 10 REPHASE **(SEE PAGE 1-178)**	1
58	201277	CYLINDER, 3.5 X 10 REPHASE	1
59	201347	CYLINDER, HYDRAULIC, 4 X 48, 2-1/4 RD, 3000 **(SEE PAGE 1-180)**	1
60	203383	PLATE LIFT CONTROL	1
61	203467	VALVE, LIMIT, STROKE	1
62	2071-8-8S	ADAPTER, 90, 8 FLARE SWIVEL, 8 JIC	1
63	209189	BRACKET, REEL CONTROL, WLDMT	1
64	209194	TUBE, REEL CONTROL	1
65	209196	PIN, REEL CONTROL	1
66	203381	TUBE, DEPTH CONTROL, ASSEMBLY **(BEFORE 03/01/2018) (SEE PAGE 1-33)**	1
66	209200	TUBE, REEL CONTROL, ASSEMBLY **(AFTER 03/01/2018) (SEE PAGE 1-33)**	1
67	209216	TUBE, REEL CONTROL, WLDMT	1
68	209219	BRACKET, PIVOT, WLDMT	1
69	209366	ARM, CRANK, REEL CONTROL, WLDMT	1
70	2P793	BEARING INSERT, 4 1/2	12
71	3/4-10X2-1/2CB	SCREW, ROUND HEAD SQUARE NECK 3/4-10 X 2-1/2	16
72	1-822-010001	TRIM, 1350 3/8, BLACK FINE PEBBLE	2

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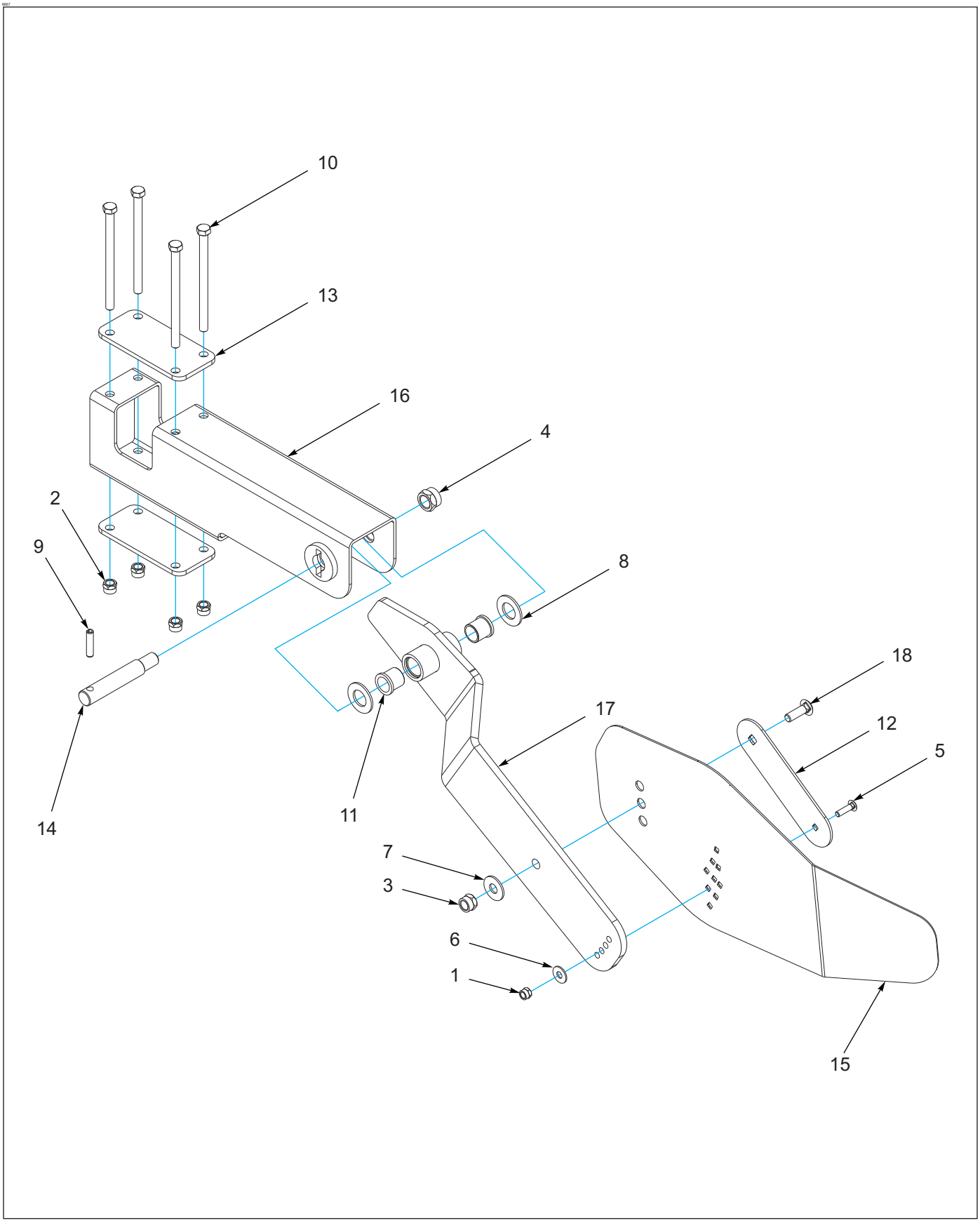


Figure 1-10: Blade Leveler Assembly

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Blade Leveler Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	193760	BLADE, LEVELER ASSEMBLY	
1	1-512-010005-09	NUT, HEX SLFLKG, 1/2-13 UNC, GRB	1
2	1-512-010005-13	NUT, HEX SLFLKG, 5/8-11 UNC, GRB	4
3	1-512-010005-15	NUT, HEX SLFLKG, 3/4-10 UNC, GRB	1
4	1-512-010005-19	NUT, HEX SLFLKG, 1-8 UNC, GRB	1
5	1-654-010070-05	SCREW, RDH SQ NK, 1/2-13 X 2	1
6	1-861-010032-15	WASHER, FLAT, ZP/CD, 1/2W	1
7	1-861-010032-21	WASHER, FLAT, ZP/CD, 3/4W	1
8	116100	WASHER, FLAT, ZP/CD, 1-1/4N	2
9	141251	PIN, SPRING SLOTTED, 1/2 X 2-1/4	1
10	171892	SCREW, HEX CAP, 5/8-11 UNC X 9 GR5	4
11	184413	BEARING, FLANGE 1, 1/4	2
12	192594	PLATE, BACKER	1
13	193699	PLATE, STRAP	2
14	193730	PIN, SHOULDER 1-1/4 X 5	1
15	193757	BLADE, LEVELER	1
16	193758	MOUNT, BLADE LEVELER WELDMENT	1
17	193759	ARM, LEVELER MOUNT WELDMENT	1
18	3/4-10X2-1/2CB	SCREW, RDH SQ NK, 3/4-10 X 1/2	1

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Wing Gauges

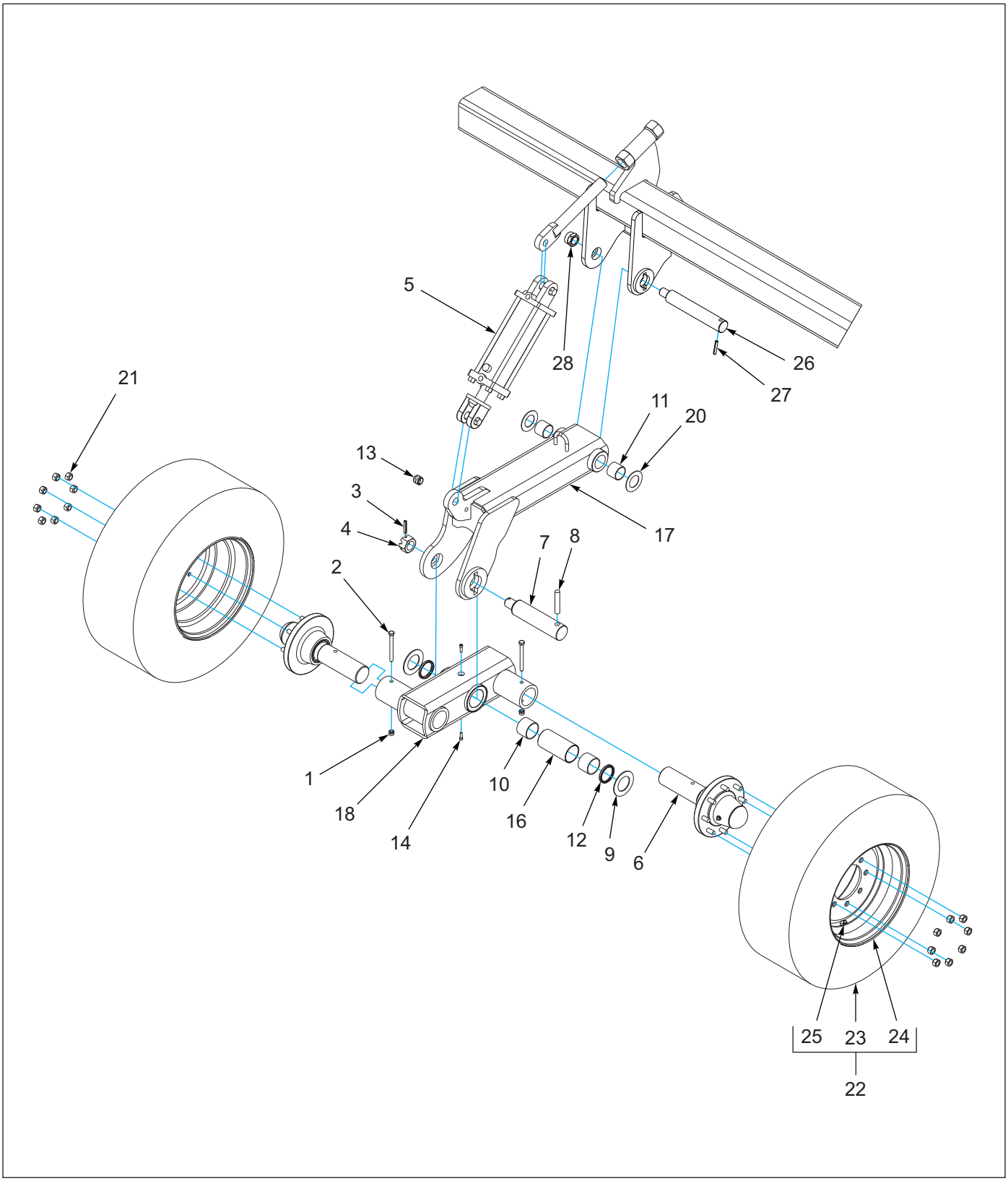


Figure 1-11: Wing Gauge Assembly

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Wing Gauge Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	2
2	1-654-010055-15	SCREW, HEX CAP, 1/2-13UNCX5 GR5	2
3	119118	NUT 1-1/2-12UNF HEX SLOTTED ZP	1
4	127712	PIN SPRING SLOTTED 3/8 X 2-1/4	1
5	145201	CYLINDER 4 X 8 REPHASE **(SEE PAGE 1-174)**	1
6	156972	HUB & SPINDLE ASSY, 8 BOLT **(SEE PAGE 1-34)**	2
7	156991	SPINDLE, WALKING BEAM	1
8	156992	PIN, WALKING BEAM SPINDLE	1
9	164563	WASHER, THRUST 2-1/2	2
10	187163	BUSHING, 2-3/4 X 2-1/2 X 2 LONG	2
11	197140	BUSHING POLYLUBE 2-1.4X2X2	2
12	198323	SEAL, V17, DOUBLE LIP 2-1/2	2
13	2-150-010008	BUSHING 1-1/4ODX1IDX1 STEEL	1
14	200129	SCREW SOCKET HD CAP 5/16-24 X 1	2
15	200311	TANDEM PIVOT ASSY 2-1/2 **(ITEMS 10 & 16)**	2
16	200313	BUSHING, WALKER -2-1/2	1
17	201259	ARM WLDMT GAUGE WHEEL RH FWD	1
17	201268	ARM WLDMT GAUGE WHEEL LH FWD **(NOT SHOWN)**	1
18	201262	WALKING BEAM WLDMT 3 SPINDLE	1
19	201264	WALKING BEAM ASSY 3 **(ITEMS 12,14,15, & 18)**	1
20	202844	WASHER, 2 X 3-1/2 X 14 GA, SS	2
21	102600	NUT,WHEEL BOLT, 5/8	16
22	157000	TIRE & WHEEL ASSY, 32/1550X16.5 **(USED ON 25 & 30) (ITEMS 23-25)**	2
22	215351	TIRE & WHEEL ASSY, VF410/50R16.5 **(ITEMS 23-25) (AFTER 12/01//2018)**	2
22	203500	TIRE & WHEEL ASSY, 500/40, RI6.5 **(USED ON 35 & 40) (ITEMS 23-25) (BEFORE 03/01/2018)**	2
23	157002	TIRE 32/1550 X 16.5 SL **(USED ON 25 & 30)**	2
23	203452	TIRE, 500/40 R16.5 **(USED ON 35 & 40)**	2
24	157001	WHEEL, 8 BOLT	2
25	TR575	VALVE STEM TUBELESS TIRE	2
26	187318	PIN, SHOULDER 2 X 11-5/8	1
27	140191	PIN, GROOVED ALLOW, 1/2 X 3	1
28	101385	NUT, HEX SLFLKG, 1-1/4-7 UNC, GRB	1

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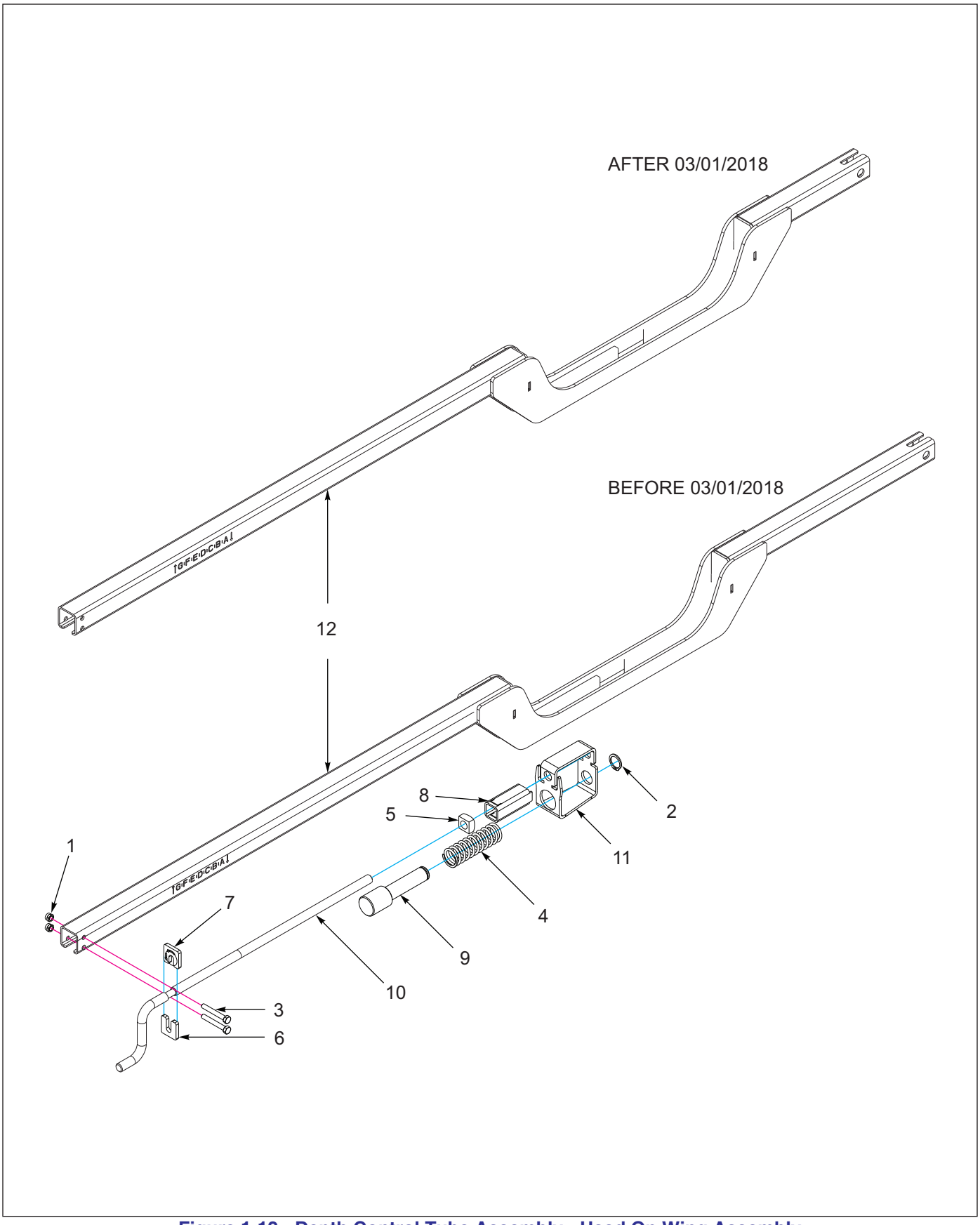


Figure 1-12: Depth Control Tube Assembly - Used On Wing Assembly

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Depth Control Tube Assembly - Used On Wing Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	203381	TUBE ASSY DEPTH CONTROL **(BEFORE 03/01/2018)**	
	209200	TUBE ASSY DEPTH CONTROL **(AFTER 03/01/2018)**	
1	1-512-010005-03	NUT, HEX SLFLKG, 5/16-18 UNC, GRB	2
2	1-630-010021-03	RING, RETAINING 1 HD	1
3	108628	SCREW, HEX 5/16-18 X 2-1/4 GR5	2
4	122917	SPRING, CMPNDRESSION 4-1/2, MONOSEM	1
5	144048	NUT, SQ 5/8-11 GR5	1
6	165259	STOP, HANDLE LONG	1
7	165260	STOP, HANDLE SHORT	1
8	166717	SQ TUBE, FLOATING	1
9	174708	PIN, DEPTH STOP	1
10	201337	HANDLE, DEPTH STOP	1
11	182289	STOP, DEPTH	1
12	203380	TUBE, DEPTH STOP, WELDMENT **(BEFORE 03/01/2018)**	1
12	209198	TUBE, REEL CONTROL, WELDMENT **(AFTER 03/01/2018)**	1

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Hub & Spindles

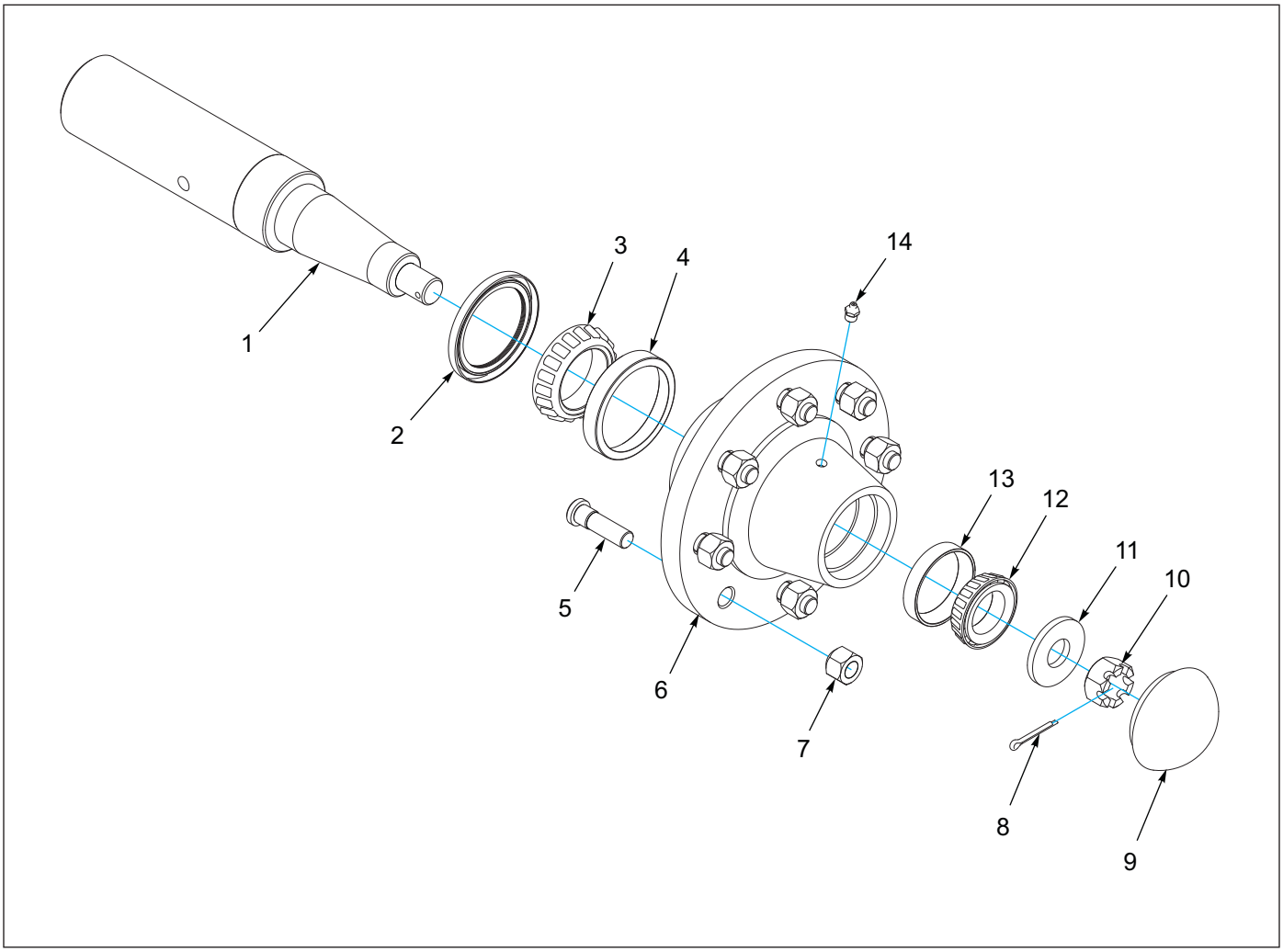


Figure 1-13: Hub and Spindle Assembly - 8 Bolt

Hub and Spindle Assembly - 8 Bolt

ITEM	PART NO.	DESCRIPTION	QTY.
	156972	HUB AND SPINDLE ASSEMBLY - 8 BOLT	
1	156973	SPINDLE, 3 X16-1/2	1
2	159970	SEAL, TRIPLE LIP, 4OD X 3ID X 3/8	1
3	156979	CONE, BEARING, 387AS	1
4	111962	CUP, INNER BEARING	1
5	4001060	STUD BOLT, 5/8 X 2-1/2	1
6	156974	HUB W/ CUPS, 8 BOLT	1
7	102600	NUT, WHEEL BOLT, 5/8-18	8
8	1-557-010362-51	COTTER PIN, 3/16 X 1-1/2	1
9	102601	HUBCAP, 8-BOLT HUB	1
10	1-516-010001-20	NUT, SLDT HEX, 1-14 UNS	1
11	1-861-010005	WASHER, SPINDLE	1
12	102498	CONE, BORE BEARING OUTER 1.625	1
13	102604	CUP, OUTER BEARING	1
14	5000	ZERK	1

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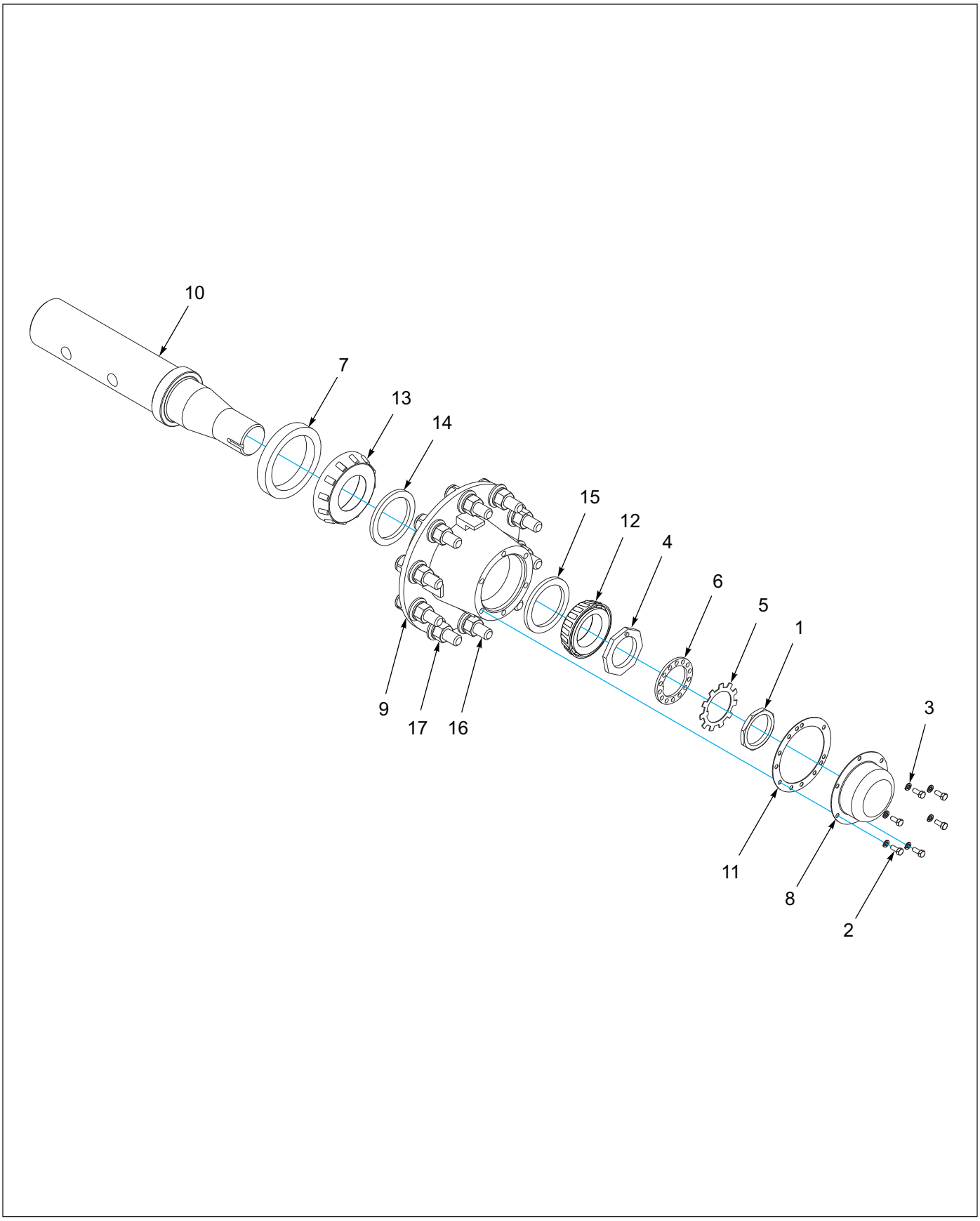


Figure 1-14: Hub and Spindle Assembly - 10 Bolt

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Hub and Spindle Assembly - 10 Bolt

ITEM	PART NO.	DESCRIPTION	QTY.
	193814	HUB AND SPINDLE ASSEMBLY - 10 BOLT	
1	006-115-00	NUT, OUTER SPINDLE, DEXTER	1
2	1-654-010049-03	SCREW, HEX 5/16-18 UNC X 3/4 GR5	6
3	1-861-010034-10	WASHER, LKG HLCL SPR, 5/16	6
4	103103-002	NUT, INNER SPIN	1
5	105106	LOCKWASHER, DEXTER	1
6	105107	WASHER, TONGUE, DEXTER	1
7	165254	SEAL, 4-5/8, TRIPLE TEFLON	1
8	168456	HUBCAP	1
9	181785	HUB, 10 BOLT WITH CUPS	1
10	181789	SPINDLE SLEEVE ASSEMBLY, 4”	1
11	3067	GASKET, HUB	1
12	HM212049	OUTER BEARING, A19S	1
13	HM218248	INNER BEARING	1
14	HM218210	INNER BEARING	1
15	HM212011	OUTER BEARING CUP	1
16	101162	STUD BOLT, 10 BOLT	10
17	179933	LUG NUT, 10 BOLT	10

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Hitch Assembly

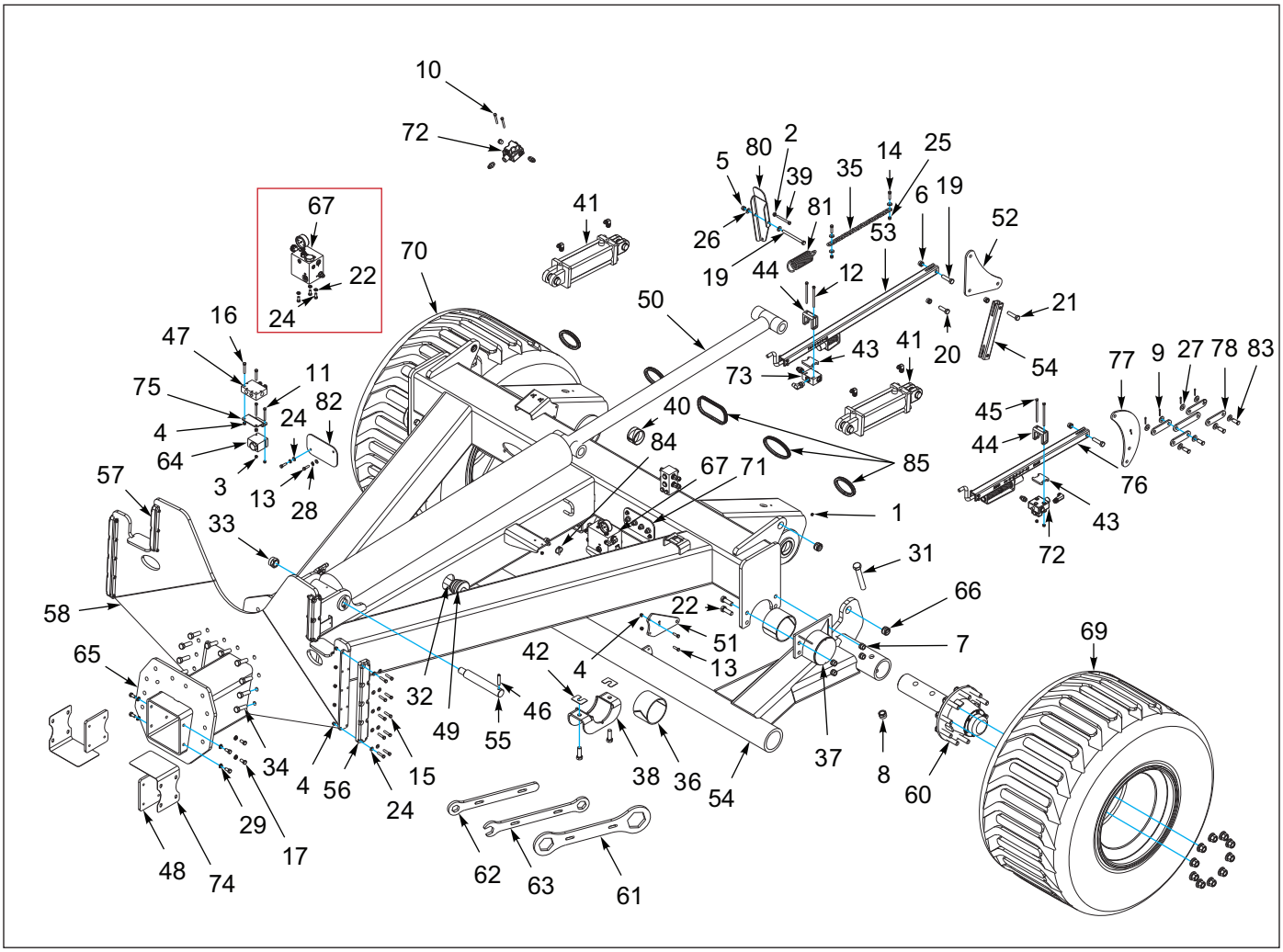


Figure 1-15: Hitch Assembly - 25’ & 30’

Hitch Assembly - 25’ & 30’

ITEM	PART NO.	DESCRIPTION	QTY.
	201309	HITCH ASSY 7833-25/30	
1	1-298-010001-1	ZERK FITTING 1/4 SAE	2
2	1-510-010001	NUT, 3/8-16 UNC FLANGE LOCK	1
3	1-512-010005-03	NUT, HEX, SLFLKG GRB 5/16-18	8
4	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	38
5	1-512-010005-09	NUT, HEX, SLFLKG, 1/2-13 GRB	3
6	1-512-010005-13	NUT, HEX, SLFLKG GRB 5/8-11	6
7	1-512-010005-15	NUT, HEX, SLFLKG GRB 3/4-10	20
8	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	2
9	1-557-010362-40	PIN, COTTER 5/32X1-1/4	4
10	1-654-010049-11	SCREW,HX CAP,5/16-18UNCX2-1/2	2
11	1-654-010049-12	SCREW,HX CAP,5/16-18UNCX2-3/4	2
12	1-654-010049-19	SCREW,HEX CP,5/16-18UNCX5 GR5	2
13	1-654-010051-06	SCREW,HEX CAP 3/8-16UNCX1-1/4	6
14	1-654-010051-07	SCREW,HEX CAP,3/8-16UNCX1-1/2	2

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Hitch Assembly - 25’ & 30’

ITEM	PART NO.	DESCRIPTION	QTY.
15	1-654-010051-08	SCREW,HEX CAP,3/8-16X1-3/4 G	32
16	1-654-010051-10	SCREW, HEX 3/8-16 UNC X 2-1/4 GR5	2
17	1-654-010055-01	SCR, HX CP 1/2-13UNCX1 GR5	8
18	1-654-010055-11	SCREW, HX CP 1/2-13UNCX3-1/2	2
19	1-654-010055-17	SCREW,HEX CAP,1/2-13UNCX6 GR5	1
20	1-654-010059-05	SCREW,HEX CAP,5/8-11UNCX2 GR5	2
21	1-654-010059-07	SCREW HX CP 5/8-11UNCX2-1/2G5	4
22	1-654-010061-06	SCREW,HXCP,3/4-10UNCX2-1/4GR5	10
23	1-861-010032-08	WASHER,FLAT 5/16 N ZP	2
24	1-861-010032-10	WASHER, FLAT 3/8 N ZP/CD	36
25	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	3
26	1-861-010032-14	WASHER, FLAT 1/2 N ZP/CD	2
27	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	8
28	1-861-010034-11	WASHER, LKG HLCL SPR, 3/8	8
29	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	8
30	100131	SCREW, HHC,3/8-16UNCX7/8 GR5	4
31	100829	SCREW, HEX CAP,1-8X6-1/2,GR5	2
32	100857	SCREW, HHCS,1-1/4-7X13-1/2 GR8	2
33	101385	NUT, HEX SLFLKG,1-1/4-7 GRB	3
34	104483	SCREW, 3/4-10X2-1/2 HXCP ZPGR8	10
35	133937	CHAIN, LIFTING HARROW, WP	1
36	140519	BEARING, UHMW 4IN	3
37	141209	BEARING CAP, LIFT	2
38	141234	BEARING CAP, LIFT BLUE	1
39	141807	SCREW 3/8-16UNCX3-1/2 ALLTHRD	1
40	144341	BUSHING, SPRING 3-1/4X3X2	4
41	145200	CYLINDER 4-1/2 X 8 REPHASE **(SEE PAGE 1-174)**	2
42	153827	SHIM, LIFT BEARING	2
43	165257	PAD, SLIDE	2
44	165265	GUIDE, DEPTH STOP	2
45	171556	SCREW,HEX CP,5/16-18UNCX5-1/2	2
46	172802	PIN SPRING SLOTTED 1/2X2-1/2	1
47	184585	VALVE,DUAL COUNTER BALANCE,30G	1
48	187284	HITCH GUIDE	2
49	187288	HITCH STOP	4
50	187436	CYLINDER, HYD 7 X 60 WLD 3000PSI **(SEE PAGE 1-181)**	1
51	187639	PLATE - LIFT CONTROL	1
52	187642	PLATE-DEPTH CONTROL LINK	1
53	187643	TUBE ASSY DEPTH CONTROL **(SEE PAGE 1-48)**	1
54	187645	TUBE-DEPTH STOP LINK	1
55	187692	PIN, 1-3/4 X 12-1/4, STEP	1
56	188707	PAD-STOP	2
57	188708	PAD-STOP	2
58	188837	REST WLDMT WING	1
59	192522	ROCKSHAFT WLDMT 7831	1
60	193814	HUB/SPINDLE ASSY 10 BOLT **(SEE PAGE 1-36)**	2
61	195275	WRENCH, ADJUSTMENT	1
62	195276	WRENCH, ADJUSTMENT	1
63	195277	WRENCH, ADJUSTMENT	1

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Hitch Assembly - 25’ & 30’

ITEM	PART NO.	DESCRIPTION	QTY.
64	195284	VALVE-CHECK, 05 PSI	1
65	198926	HITCH WLDMT 7833	1
66	2-150-010174	BUSHING,1-5/8X1-1/4X1	4
67	200743	MANIFOLD ASSY VALVE DOWN PRESS	1
68	201221	KIT HYDRAULIC ADAPTER HITCH	1
69	201281	TIRE/WHEEL 710/40 LH	1
70	201282	TIRE/WHEEL 710/40 RH	1
71	203391	PLATE-BULKHEAD MOUNT	1
72	203450	VALVE-LIMIT	2
73	203467	VALVE-LIMIT, STROKE	1
74	203477	SHIM, HITCH FORMED	2
75	203541	BRACKET, VALVE MOUNT	1
76	209377	TUBE-TILT STOP, ASSY **(AFTER 03/01/2018)**	1
77	209380	PLATE-TILT STOP	1
78	209381	LINK-TILT STOP, SHORT	4
79	209382	LINK-TILT STOP, LONG	1
80	201202	LEVER-VALVE CONTROL **(BEFORE 03/01/2018)**	1
80	209384	LEVER-VALVE CONTROL **(AFTER 03/01/2018)**	1
81	210764	SPRING-EXT,7.5 X 2.4, 49 LB	
82	203391	PLATE-BULKHEAD BLAND **(BEFORE 03/01/2018)**	1
82	210765	PLATE-BULKHEAD BLAND **(AFTER 03/01/2018)**	1
83	3K287	CLEVIS PIN	4
84	70239854	PIN, QUICK HITCH	1
85	1-822-010001	TRIM, 1350 3/8 BLK FINE PEBBLE	7

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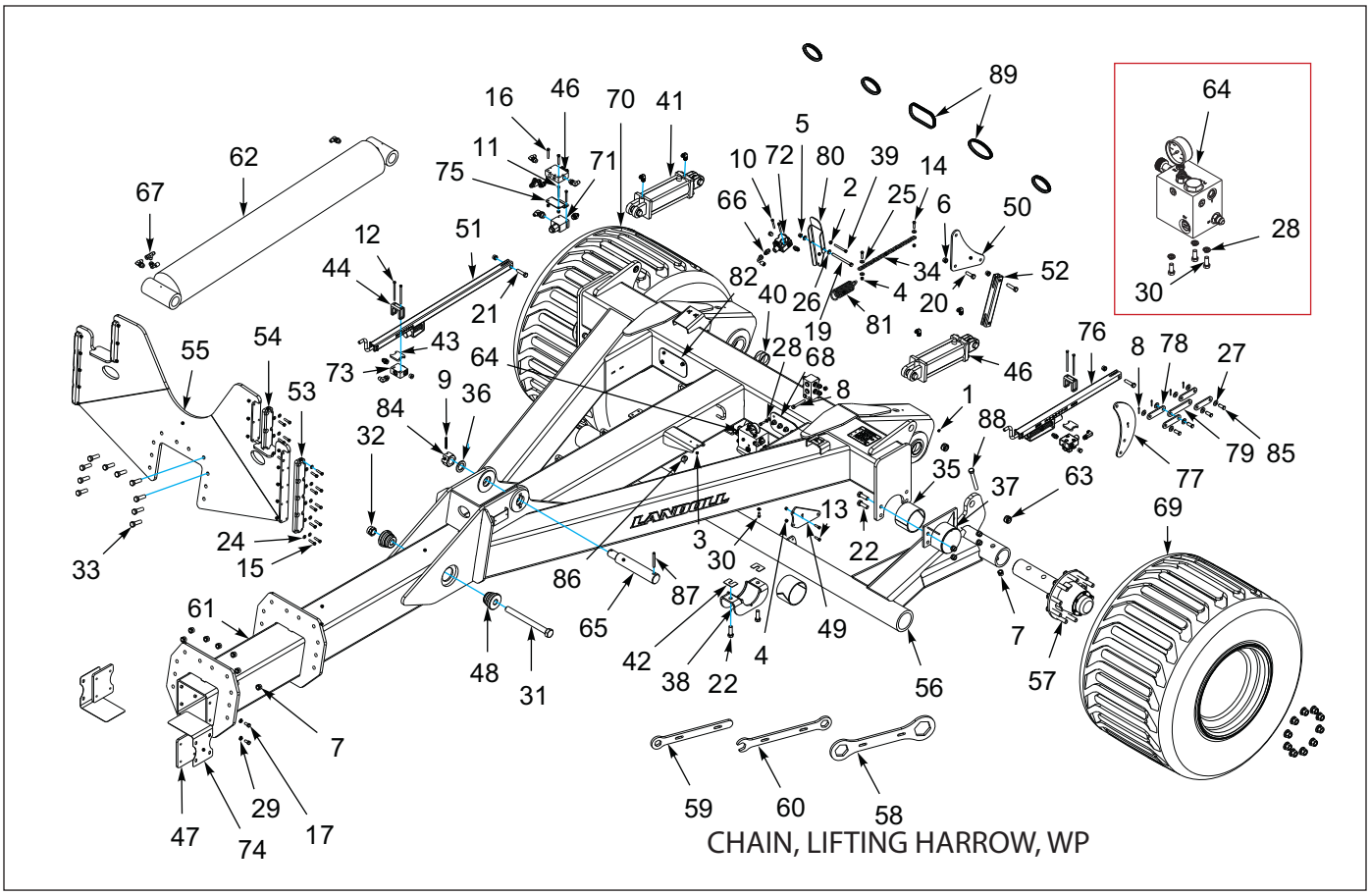


Figure 1-16: Hitch Assembly - 35’ & 40’

Hitch Assembly - 35’ & 40’

ITEM	PART NO.	DESCRIPTION	QTY.
	201220	HITCH ASSY 7833-35/40	
1	1-298-010001-1	ZERK FITTING 1/4 SAE	2
2	1-510-010003-05	NUT,3/8-16 FLANGE HD,SERRATED	1
3	1-512-010005-03	NUT HEX SLFLKG GRB 5/16-18	8
4	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	38
5	1-512-010005-09	NUT,HEX,SLFLKG, 1/2-13 GRB	3
6	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	6
7	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	22
8	1-557-010362-40	PIN, COTTER 5/32X1-1/4	4
9	1-647-010004259	SPRING PIN, SLOTTED 3/8X3	1
10	1-654-010049-11	SCREW, HX CAP,5/16-18UNCX2-1/2	2
11	1-654-010049-12	SCREW, HX CAP,5/16-18UNCX2-3/4	2
12	1-654-010049-19	SCREW, HEX CP,5/16-18UNCX5 GR5	2
13	1-654-010051-06	SCREW, HEX CAP 3/8-16UNCX1-1/4	6
14	1-654-010051-07	SCREW, HEX CAP,3/8-16UNCX1-1/2	2
15	1-654-010051-08	SCREW, HEX CAP,3/8-16X1-3/4 G	32
16	1-654-010051-10	SCREW, HX CP3/8-16X2-1/4 GR5	2
17	1-654-010055-01	SCREW, HX CP 1/2-13UNCX1 GR5	8
18	1-654-010055-11	SCREW, HX CP 1/2-13UNCX3-1/2	2
19	1-654-010055-17	SCREW, HEX CAP,1/2-13UNCX6 GR5	1
20	1-654-010059-05	SCREW, HEX CAP,5/8-11UNCX2 GR5	2

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Hitch Assembly - 35’ & 40’

ITEM	PART NO.	DESCRIPTION	QTY.
21	1-654-010059-07	SCREW, HX CP 5/8-11UNCX2-1/2G5	4
22	1-654-010061-06	SCREW, HXCP,3/4-10UNCX2-1/4GR5	10
23	1-861-010032-08	WASHER, FLAT 5/16 N ZP/CD 100829	2
24	1-861-010032-10	WASHER, FLAT 3/8 N ZP/CD	36
25	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	3
26	1-861-010032-14	WASHER, FLAT 1/2 N ZP/CD	2
27	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	8
28	1-861-010034-11	WASHER, LKG HLCL SPR, 3/8	8
29	1-861-010034-13	WASHER, LKG HLCL SPR, 1/2	8
30	100131	SCREW, HHC,3/8-16UNCX7/8 GR5	4
31	100857	SCREW, HHCS,1-1/4-7X13-1/2 GR8	2
32	101385	NUT,HEX SLFLKG,1-1/4-7 GRB	2
33	104483	SCREW 3/4-10X2-1/2 HXCP ZPGR8	10
34	133937	CHAIN, LIFTING HARROW, WP	1
35	140519	BEARING, UHMW 4IN	3
36	141154	WASHER, GANG SHAFT	1
37	141209	BEARING CAP, LIFT	2
38	141234	BEARING CAP, LIFT	1
39	141807	SCREW, 3/8-16UNCX3-1/2 ALLTHRD	1
40	144341	BUSHING, SPRING 3-1/4X3X2	4
41	145200	CYLINDER 4-1/2 X 8 REPHASE **(SEE PAGE 1-174)**	2
42	153827	SHIM, LIFT BEARING	2
43	165257	PAD, SLIDE	1
44	165265	GUIDE, DEPTH STOP	2
45	171556	SCREW, HEX CP,5/16-18UNCX5-1/2	2
46	184585	VALVE, DUAL COUNTER BALANCE, 30G	1
47	187284	HITCH GUIDE	2
48	187288	HITCH STOP	4
49	187639	PLATE - LIFT CONTROL	1
50	187642	PLATE-DEPTH CONTROL LINK	1
51	187643	TUBE ASSY DEPTH CONTROL **(SEE PAGE 1-48)**	1
52	187645	TUBE-DEPTH STOP LINK	1
53	188707	PAD-STOP	2
54	188708	PAD-STOP	2
55	188837	REST WLDMT WING	1
56	192522	ROCKSHAFT WLDMT 7831	1
57	193814	HUB/SPINDLE ASSY 10 BOLT **(SEE PAGE 1-36)**	2
58	195275	WRENCH, ADJUSTMENT	1
59	195276	WRENCH, ADJUSTMENT	1
60	195277	WRENCH, ADJUSTMENT	1
61	199917	HITCH WLDMT LONG 7833	1
62	199920	CYLINDER-HYDR, 8X60, 3000PSI **(SEE PAGE 1-182)**	1
63	2-150-010174	BUSHING,1-5/8X1-1/4X1	4
64	200743	MANIFOLD ASSY VALVE DOWN PRESS	1
65	201200	PIN-STEP, 2-1/2 X 11-1/2	1
66	201221	KIT HYDRAULIC ADAPTER HITCH **(SEE PAGE 1-120)**	1
67	203102-8-8S	ADAPTER,TEE,1/2 #8JICX#8JICSWV	1
68	203391	PLATE-BULKHEAD MOUNT	1

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Hitch Assembly - 35’ & 40’

ITEM	PART NO.	DESCRIPTION	QTY.
69	201281	TIRE/WHEEL 710/40 LH **(BEFORE 03/01/2018)**	1
69	203407	TIRE & WHEEL, 800/40,LH,ASM **(AFTER 03/01/2018)**	1
70	201282	TIRE/WHEEL 710/40 RH **(BEFORE 03/01/2018)**	1
70	203408	TIRE & WHEEL, 800/40,RH,ASM **(AFTER 03/01/2018)**	1
71	203447	VALVE CHECK, 225 PSI, ASM	1
72	140693	VALVE, LIMIT**(BEFORE 03/01/2018) (NOT SHOWN)**	1
72	203450	VALVE-LIMIT**(AFTER 03/01/2018)**	2
73	203467	VALVE-LIMIT, STROKE	1
74	203477	SHIM-HITCH, FORMED	2
75	203541	BRACKET, VALVE MOUNT	1
76	209377	TUBE-TILT STOP, ASSY **(AFTER 03/01/2018)**	1
77	209380	PLATE-TILT STOP **(AFTER 03/01/2018)**	1
78	209381	LINK-TILT STOP, SHORT	4
79	209382	LINK-TILT STOP, LONG	
80	201202	LEVER-VALVE CONTROL **(BEFORE 03/01/2018) (NOT SHOWN)**	1
80	209384	LEVER-VALVE CONTROL **(AFTER 03/01/2018)**	1
81	210764	SPRING-EXT,7.5 X 2.4, 49 LB	1
82	210765	PLATE-BULKHEAD BLANK	1
83	210882	DECAL, TILT CONTROL **(NOT SHOWN)**	1
84	23085	NUT HEX SLOTTED 1 3/4-5	1
85	3K287	CLEVIS PIN	4
86	70239854	PIN QUICK HITCH	1
87	8K756	ROLL PIN 1/2 x 4	1
88	W908409-4	SCREW 3/4-10X6 HEX HD CAP	2
89	1-822-010001	TRIM, 1350 3/8 BLK FINE PEBBLE	7

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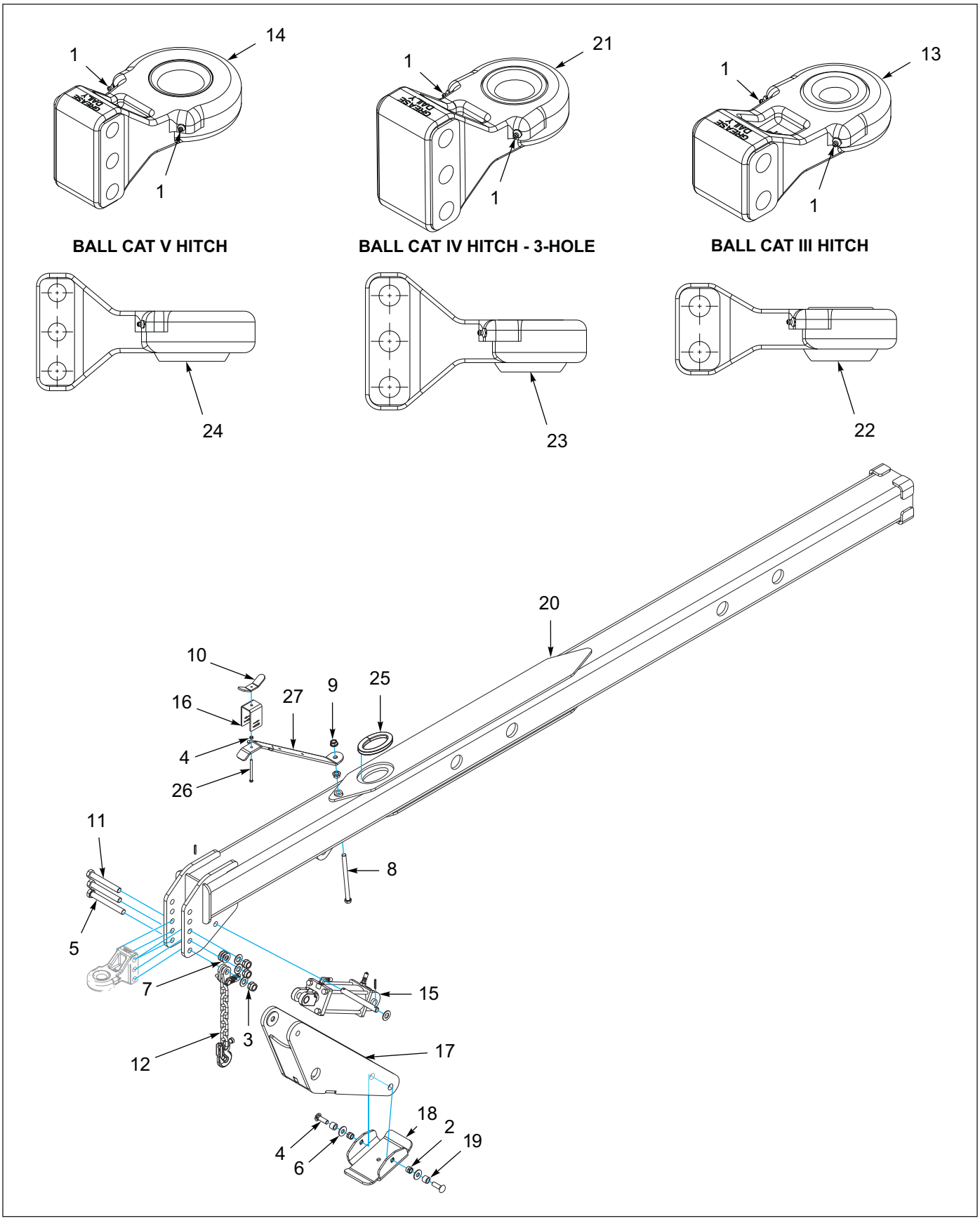


Figure 1-17: Hitch Assemblies

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Hitch Assemblies

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-298-010001-1	ZERK FITTING 1/4 SAE	1
2	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	2
3	1-512-010005-19	NUT 1-8 HEX SLF-LOCKING GRB	3
4	1-512-010007-07	NUT, HEX 3/8-16 GR2 ZP	1
5	1-654-010125-22	SCREW HX CP 1-8UNCX8-1/2G8ZP	1
6	1-861-010032-21	WASHER, FLAT 3/4 W ZP/CD	2
7	1-861-010032-24	WASHER FL 1IN NARROW ZP	6
8	100809	SCREW,HEX CAP,3/4-10X11-1/2G5	1
9	103841	NUT,FLG,LNK,SERRATED 3/4-10UNC	2
10	141249	WING NUT, HOSE HOLDER	1
11	153696	BOLT, HITCH CLEVIS	1
12	156950	SAFETY CHAIN, 41,000 LB	1
13	177030	HITCH, BALL CAT III	1
14	177032	HITCH, BALL CAT V	1
15	177389	CYLINDER,HYD 4-1/2X8 3000 PSI	1
16	177398	CLAMP, HOSE HOLDER, LONG	1
17	187679	LEG WLDMT JACK	1
18	187680	FOOT - JACK LEG	1
19	187681	BUSHING 1.25 X .812 X .9375	1
20	187763	HITCH WLDMT 7831 - 25/30	1
20	192570	HITCH WLDMT 7831- 35	1
20	196709	HITCH WLDMT 7831- 40	1
21	189451	HITCH, BALL CAT IV 3-HOLE	1
22	189453	BUSHING, SPHERICAL 1-1/2 ID	1
23	189454	BUSHING, SPHERICAL 2 ID	1
24	189468	BUSHING, SPHERICAL 2-3/4 ID	1
25	195147	TRIM-LOK 2000SB3 X 5/8 BLK	1
26	196754	SCREW,HH 3/8-16X5,GR5,FUL THRD	1
27	200829	BRACKET, HOSE HOLDER	1.25

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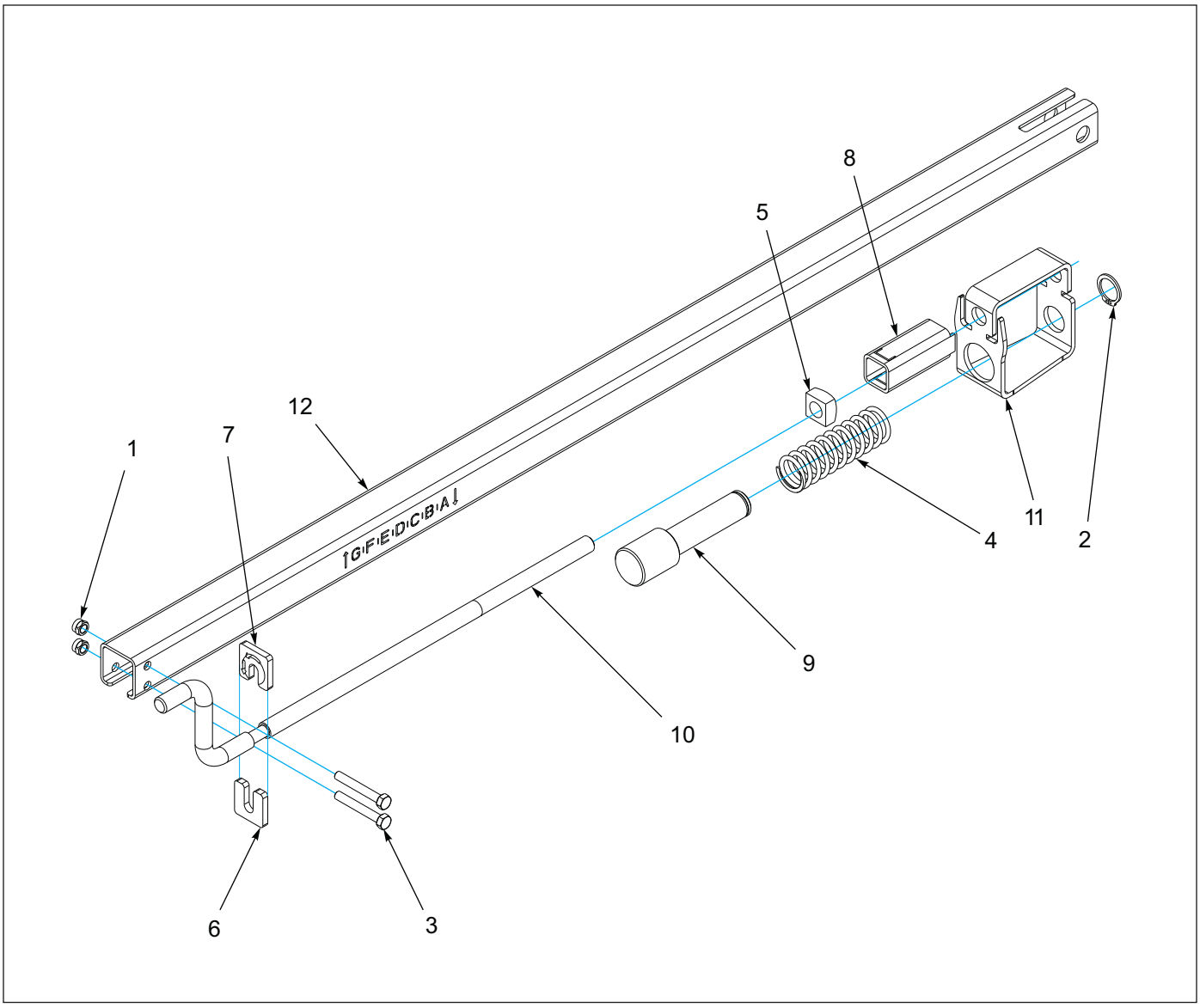


Figure 1-18: Depth Control Tube Assembly - Used On Hitch Assembly

Depth Control Tube Assembly - Used On Hitch Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	187643	TUBE-DEPTH CONTROL ASSEMBLY	--
1	1-512-010005-03	NUT, HEX SLFLKG, 5/16-18 UNC, GRB	2
2	1-630-010021-03	RING, RETAINING 1 HD	1
3	108628	SCREW, HEX 5/16-18 X 2-1/4 GR5	2
4	122917	SPRING, CMPNDRESSION 4-1/2, MONOSEM	1
5	144048	NUT, SQ 5/8-11 GR5	1
6	165259	STOP, HANDLE LONG	1
7	165260	STOP, HANDLE SHORT	1
8	166717	SQ TUBE, FLOATING	1
9	174708	PIN, DEPTH STOP	1
10	182288	HANDLE, DEPTH STOP	1
11	182289	STOP, DEPTH	1
12	187644	TUBE, DEPTH STOP 7831	1

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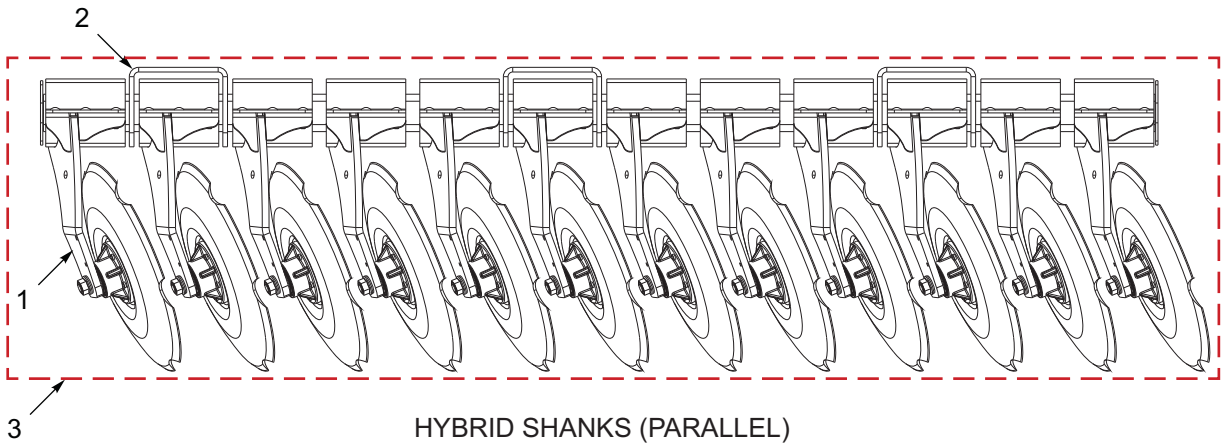
Table provided for general use.

NOTES:

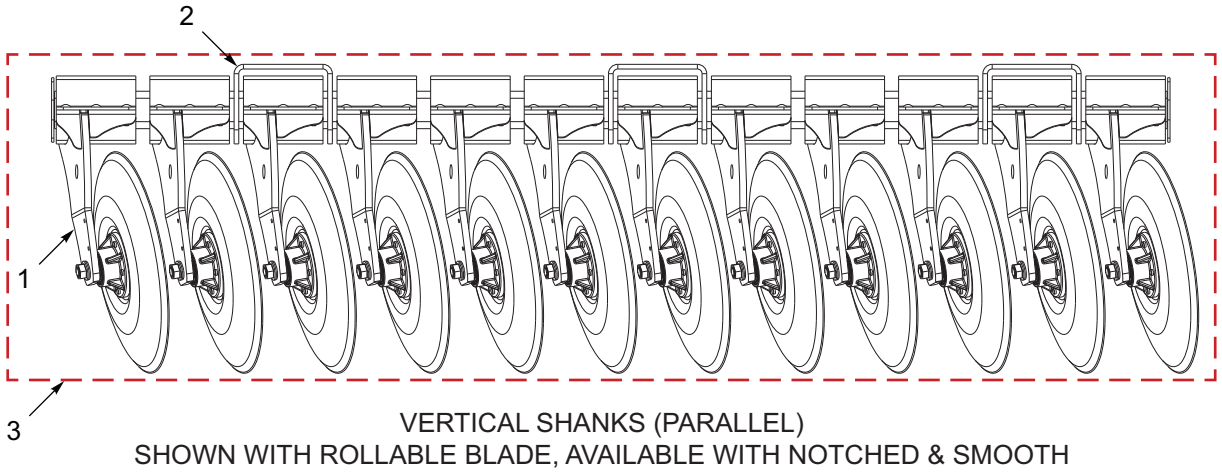
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Center Section Rear Gang Assemblies

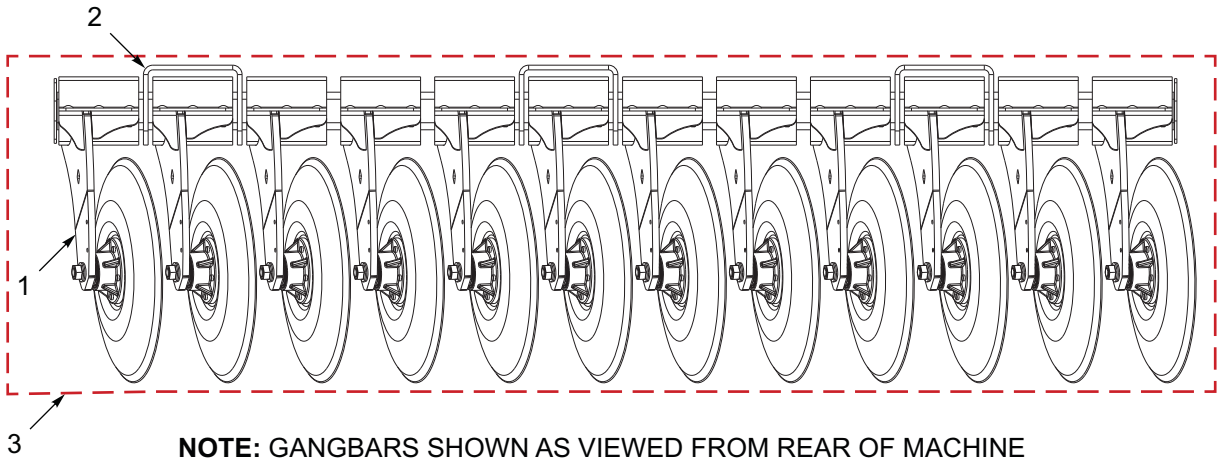
COMPOUND SHANKS (PARALLEL)
SHOWN WITH NOTCHED BLADE, AVAILABLE WITH SMOOTH & ROLLABLE



HYBRID SHANKS (PARALLEL)
SHOWN WITH SMOOTH BLADE, AVAILABLE WITH NOTCHED & ROLLABLE



VERTICAL SHANKS (PARALLEL)
SHOWN WITH ROLLABLE BLADE, AVAILABLE WITH NOTCHED & SMOOTH



NOTE: GANGBARS SHOWN AS VIEWED FROM REAR OF MACHINE

*NOTE: THE CENTER GANGBAR WELDMENT, LANDOLL 186732 IS ORIENTED END FOR END WHEN BUILDING GANG ASSEMBLIES WITH HYBRID SHANKS RELATIVE TO BUILDING GANG ASSEMBLES WITH COMPOUND OR VERTIALSHANKS

Figure 1-19: Center Section Rear Gang Assemblies

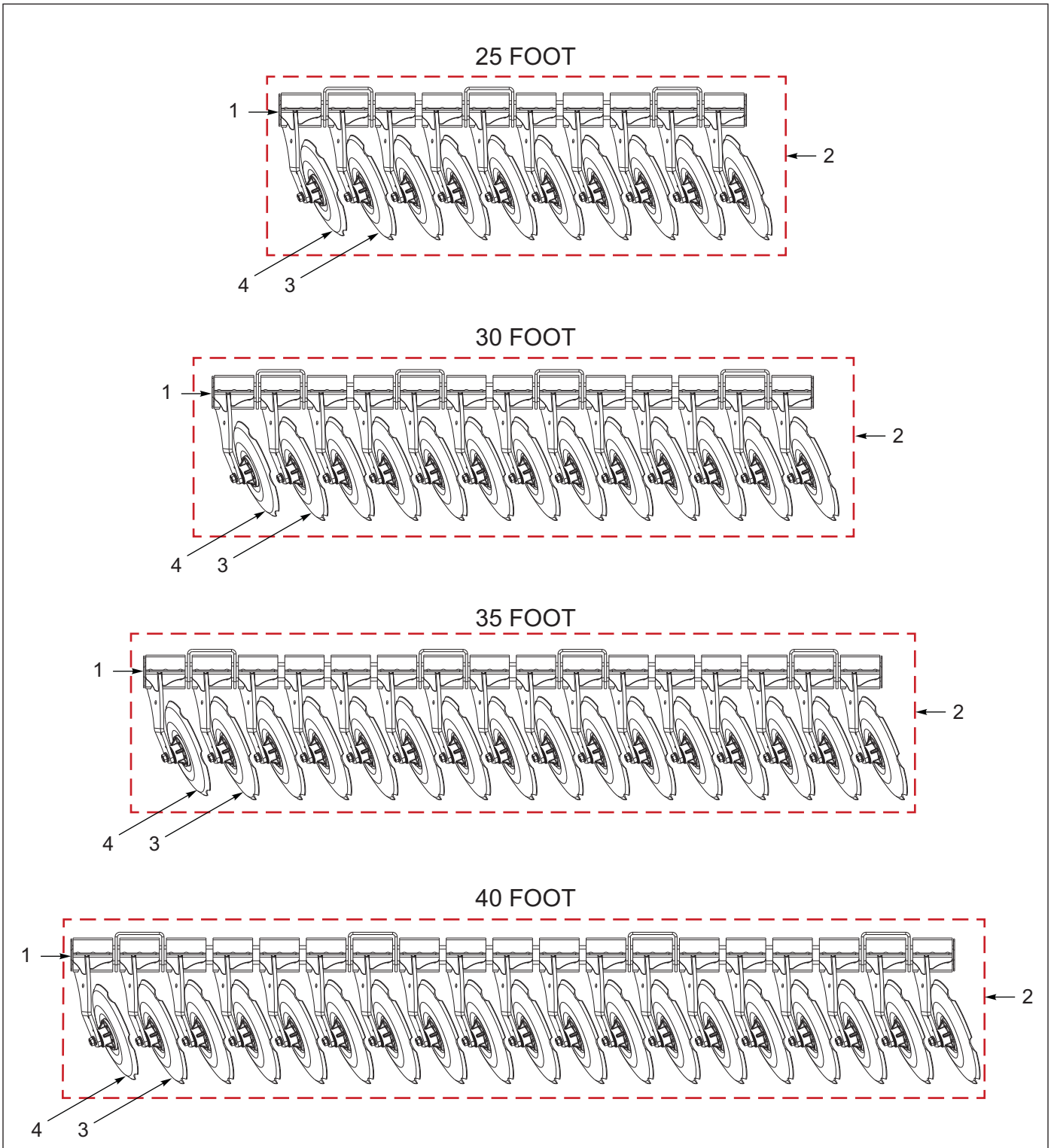
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Center Section Rear Gang Assemblies

ITEM	PART NO.	DESCRIPTION	QTY.
1	195153	DISC-RH, CMPND, NTCHD, ASSY **(BEFORE 03/01/2018)**	12
1	195132	DISC-RH, VERT, NTCHD, ASSY **(BEFORE 03/01/2018) (SEE PAGE 1-71)**	12
1	209206	DISC-RH, CMPND, NTCHD, ASSY **(AFTER 03/01/2018)**	12
1	207518	DISC-RH, VERT, NTCHD, ASSY **(AFTER 03/01/2018)**	12
1	207509	DISC-RH, VERT, NTCHD, ASSY **(AFTER 03/01/2018)**	12
1	201294	DISC-RH, CMPND, NTCHD, ASSY **(BEFORE 03/01/2018)**	12
1	201296	DISC-RH, VERT, SM, ASSY **(BEFORE 03/01/2018)**	12
1	209208	DISC-RH, CMPND, SM, ASSY **(AFTER 03/01/2018)**	12
1	209210	DISC-RH, VERT, SM, ASSY **(AFTER 03/01/2018)**	12
1	212230	DISC-RH, VERT, SM, ASSY **(AFTER 03/01/2018)**	12
1	201298	DISC-RH, CMPND, ROLLABLE, ASSY **(BEFORE 03/01/2018)**	12
1	201300	DISC-RH, VERT, SM ROLLABLE, ASSY **(BEFORE 03/01/2018)**	12
1	209212	DISC-RH, CMPND, ROLLABLE, ASSY **(AFTER 03/01/2018)**	12
1	209214	DISC-RH, VERT, ROLLABLE, ASSY **(AFTER 03/01/2018)**	12
1	212232	DISC-RH, VERT, ROLLABLE, ASSY **(AFTER 03/01/2018)**	12
2	186732	GANG BAR WLDMT CENTER 7831	1
3	187014	GANG-R, CNTR, CMPND, NTCHD, ASSY **(REV B) (BEFORE 03/01/2018)** GANG-R, CNTR, CMPND, NTCHD, ASSY **(REV C) (AFTER 03/01/2018)**	1
3	192964	GANG-R, CNTR, VERT, NTCHD, ASSY **(REV B) (BEFORE 03/01/2018)** GANG-R, CNTR, VERT, NTCHD, ASSY**(REV C) (INCLUDES 12 OF 207509 AND 1 186732) (AFTER 03/01/2018)**	1
3	212236	GANG-R, CNTR, HYBRD, NTCHD, ASSY **(AFTER 03/01/2018)**	1
3	198841	GANG-R, CNTR, CMPND, SM, ASSY **(REV A) (BEFORE 03/01/2018)** GANG-R, CNTR, CMPND, SM, ASSY**(REV B) (AFTER 03/01/2018)**	1
3	198844	GANG-R, CNTR, VER,T SM, ASSY **(REV A) (INCLUDES 12 OF 212230 AND 1 186732) (BEFORE 03/01/2018)** GANG-R, CNTR, VERT, SM, ASSY **(REV B) (AFTER 03/01/2018)**	1
3	212237	GANG-R, CNTR, HYBRD, SM, ASSY **(AFTER 03/01/2018)**	1
3	198906	GANG-R, CNTR, CMPND, ROLL, ASSY **(REV A) (BEFORE 03/01/2018)** GANG-R, CNTR, CMPND, ROLL, ASSY **(REV B) (AFTER 03/01/2018)**	1
3	198916	GANG-R, CNTR, VERT, ROLL, ASSY **(REV A) (INCLUDES 12 OF 212232 AND 1 186732) (BEFORE 03/01/2018)** GANG-R, CNTR, VERT, ROLL, ASSY **(REV B) (AFTER 03/01/2018)**	1
3	212238	GANG-R, CNTR, HYBRD, ROLL, ASSY **(AFTER 03/01/2018)**	1

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Left Wing Rear Gang Assemblies



NOTE: SHOWN WITH COMPOUND SHANKS, ALSO AVAILABLE WITH VERTICAL AND HYBRID SHANKS
NOTE: SHOWN WITH NOTCHED BLADE, ALSO AVAILABLE WITH SMOOTH & ROLLABLE BLADES
NOTE: GANGBARS SHOWN AS VIEWED FROM REAR OF MACHINE

Figure 1-20: Left Wing Rear Gang Assemblies

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Left Wing Rear Gang Assemblies

ITEM	PART NO.	DESCRIPTION	QTY.			
			25’	30’	35’	40’
1	192961	GANGBAR WLDMT, R, LH 25	1	*	*	*
1	192967	GANGBAR WLDMT, R, LH 30	*	1	*	*
1	192955	GANGBAR WLDMT, R, LH 35	*	*	1	
1	192958	GANGBAR WLDMT, R, LH 40	*	*	*	1
2	184421	GANG-40, LR, CMPND, NTCHD, ASSY **(ITEMS #3 (19) 195153, #4 (1) 192958 (BEFORE 03/01/2018)) (ITEMS #3 (18) 209206, #4 (1) 192958 (AFTER 03/01/2018))**	--	--	--	1
2	184423	GANG-35, LR, CMPND, NTCHD, ASSY **(ITEMS #3 (16) 195153, #4 (1) 192955 (BEFORE 03/01/2018)) (ITEMS #3 (15) 209206, #4 (1) 192955 (AFTER 03/01/2018))**	--	--	1	--
2	187625	GANG-30, LR, CMPND NTCHD, ASSY **(ITEMS #3 (13) 195153, #4 (1) 192967 (BEFORE 03/01/2018)) (ITEMS #3 (18) 209206, #4 (1) 192967 (AFTER 03/01/2018))**	--	1	--	--
2	188767	GANG-25, LR, CMPND, NTCHD, ASSY **(ITEMS #3 (9) 195153, #4 (1) 192961 (BEFORE 03/01/2018)) (ITEMS #3 (9) 209206, #4 (1) 192961 (AFTER 03/01/2018))**	1	--	--	--
2	192623	GANG-25, LR, VERT, NTCHD, ASSY **(NOT SHOWN) (ITEMS #3 (9) 195132, #4 (1) 192961 (BEFORE 03/01/2018)) (ITEMS #3 (9) 207509, #4 (1) 192961 (AFTER 03/01/2018))**	1	--	--	--
2	192626	GANG-30, LR, VERT, NTCHD, ASSY **(NOT SHOWN) (ITEMS #3 (12) 195132, #4 (1) 192967 (BEFORE 03/01/2018)) (ITEMS #3 (12) 207509, #4 (1) 192967 (AFTER 03/01/2018))**	--	1	--	--
2	192965	GANG-35, LR, VERT, NTCHD, ASSY **(NOT SHOWN) (ITEMS #3 (15) 195132, #4 (1) 192955 (BEFORE 03/01/2018)) (ITEMS #3 (15) 207509, #4 (1) 192955 (AFTER 03/01/2018))**	--	--	1	--
2	198842	GANG-25, LR, CMPND, SM, ASSY **(NOT SHOWN) (ITEMS #3 (9) 201294, #4 (1) 192961 (BEFORE 03/01/2018)) (ITEMS #3 (9) 209208, #4 (1) 192961 (AFTER 03/01/2018))**	1	--	--	--
2	198845	GANG-25, LR, VERT, SM, ASSY **(NOT SHOWN) (ITEMS #3 (9) 201296, #4 (1) 192961 (BEFORE 03/01/2018)) (ITEMS #3 (9) 212230, #4 (1) 192961 (AFTER 03/01/2018))**	1	--	--	--
2	198847	GANG-35, LR, CMPND, SM, ASSY **(NOT SHOWN) (ITEMS #3 (16) 201294, #4 (1) 192955 (BEFORE 03/01/2018)) (ITEMS #3 (15) 209212, #4 (1) 192955 (AFTER 03/01/2018))**	--	--	1	--
2	198850	GANG-30, LR, VERT, SM, ASSY **(NOT SHOWN) (ITEMS #3 (12) 201296, #4 (1) 192967 (BEFORE 03/01/2018)) (ITEMS #3 (12) 212230, #4 (1) 192967 (AFTER 03/01/2018))**	--	1	--	--
2	198851	GANG-30, LR, CMPD, SM, ASSY **(NOT SHOWN) (ITEMS #3 (13) 201294, #4 (1) 192967 (BEFORE 03/01/2018)) (ITEMS #3 (12) 209208, #4 (1) 192967 (AFTER 03/01/2018))**	--	1	--	--
2	198853	GANG-35, LR, VERT, SM, ASSY **(NOT SHOWN) (ITEMS #3 (15) 201296, #4 (1) 192955 (BEFORE 03/01/2018)) (ITEMS #3 (15) 212230, #4 (1) 192955 (AFTER 03/01/2018))**	--	--	1	--
2	198855	GANG-40, LR, CMPND, SM, ASSY **(NOT SHOWN) (ITEMS #3 (19) 201294, #4 (1) 192958 (BEFORE 03/01/2018)) (ITEMS #3 (18) 209208, #4 (1) 192958 (AFTER 03/01/2018))**	--	--	--	1

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Left Wing Rear Gang Assemblies

ITEM	PART NO.	DESCRIPTION	QTY.			
2	198913	GANG-25, LR, CMPND, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #3 (9) 201298, #4 (1) 192961 (BEFORE 03/01/2018))** **(ITEMS #3 (9) 209212, #4 (1) 192961 (AFTER 03/01/2018))**	1	--	--	--
2	198917	GANG-25, LR, VERT, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #3 (9) 201300, #4 (1) 192961 (BEFORE 03/01/2018))** **(ITEMS #3 (9) 212232, #4 (1) 192961 (AFTER 03/01/2018))**	1	--	--	--
2	198919	GANG-30, LR, CMPND, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #3 (13) 201298, #4 (1) 192967 (BEFORE 03/01/2018))** **(ITEMS #3 (12) 209212, #4 (1) 192967 (AFTER 03/01/2018))**	--	1	--	--
2	198922	GANG-30 LR VERT ROLL, ASSY **(NOT SHOWN)** **(ITEMS #3 (13) 201300, #4 (1) 192967 (BEFORE 03/01/2018))** **(ITEMS #3 (9) 212232, #4 (1) 192967 (AFTER 03/01/2018))**	--	1	--	--
2	198923	GANG-35, LR, CMPND, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #3 (12) 201298, #4 (1) 192955 (BEFORE 03/01/2018))** **(ITEMS #3 (12) 209212, #4 (1) 192955 (AFTER 03/01/2018))**	--	1	--	--
2	198927	GANG-35, LR, VERT, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #3 (15) 201300, #4 (1) 192955 (BEFORE 03/01/2018))** **(ITEMS #3 (15) 212232, #4 (1) 192955 (AFTER 03/01/2018))**	--	--	1	--
2	198929	GANG-40, LR, CMPND, ROLL, ASSY **(NOT SHOWN)** (I**TEMS #3 (19) 201298, #4 (1) 192958 (BEFORE 03/01/2018))** **(ITEMS #3 (18) 209212, #4 (1) 192958 (AFTER 03/01/2018))**	--	--	--	1
3	195132	DISC-RH, VERT, NTCHD **(NOT SHOWN)** **(BEFORE 03/01/2018) (SEE PAGE 1-71)**	9	12	15	18
3	201294	DISC-RH, CMPND, SM, ASSY **(NOT SHOWN)** **(BEFORE 03/01/2018)**	9	12	15	18
3	201296	DISC-RH, VERT, SM ASSY **(NOT SHOWN)** **(BEFORE 03/01/2018)**	9	12	15	18
3	207518	DISC-RH, HYBRID, NTCHD, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	9	12	15	18
3	207509	DISC-RH, VERT, NTCHD, ASSY **(NOT SHOWN)** **(AFTER 03/01/2018)**	9	12	15	18
3	209206	DISC-RH, CMPND, NTCHD, ASSY **(AFTER 03/01/2018)**	9	12	15	18
3	209208	DISC-RH, CMPND, SM, ASSY **(NOT SHOWN)** **(AFTER 03/01/2018)**	9	12	15	18
3	209210	DISC-RH, HYBRID, SM, ASSY **(NOT SHOWN)** **(BEFORE 03/01/2018)**	9	12	15	18
3	212230	DISC-RH, VERT, SM, ASSY **(NOT SHOWN)** **(AFTER 03/01/2018)**	9	12	15	18
3	201298	DISC-RH, CMPND, ROLL ASSY **(NOT SHOWN)** **(BEFORE 03/01/2018)**	9	12	15	18
3	201300	DISC-RH, VERT, SM ROLL, ASSY **(NOT SHOWN)** **(BEFORE 03/01/2018)**	9	12	15	18
3	209212	DISC-RH, CMPND, ROLL, ASSY **(NOT SHOWN)** **(AFTER 03/01/2018)**	9	12	15	18
3	209214	DISC-RH, HYBRID, ROLL, ASSY **(NOT SHOWN)** **(AFTER 03/01/2018)**	9	12	15	18
3	212232	DISC-RH, VERT, ROLL, ASSY**(NOT SHOWN)** **(AFTER 03/01/2018)**	9	12	15	18
3	212561	GANG-LR, VERT, NTCHD, ASSY **(NOT SHOWN)** **(AFTER 03/01/2018)**	9	--	--	--

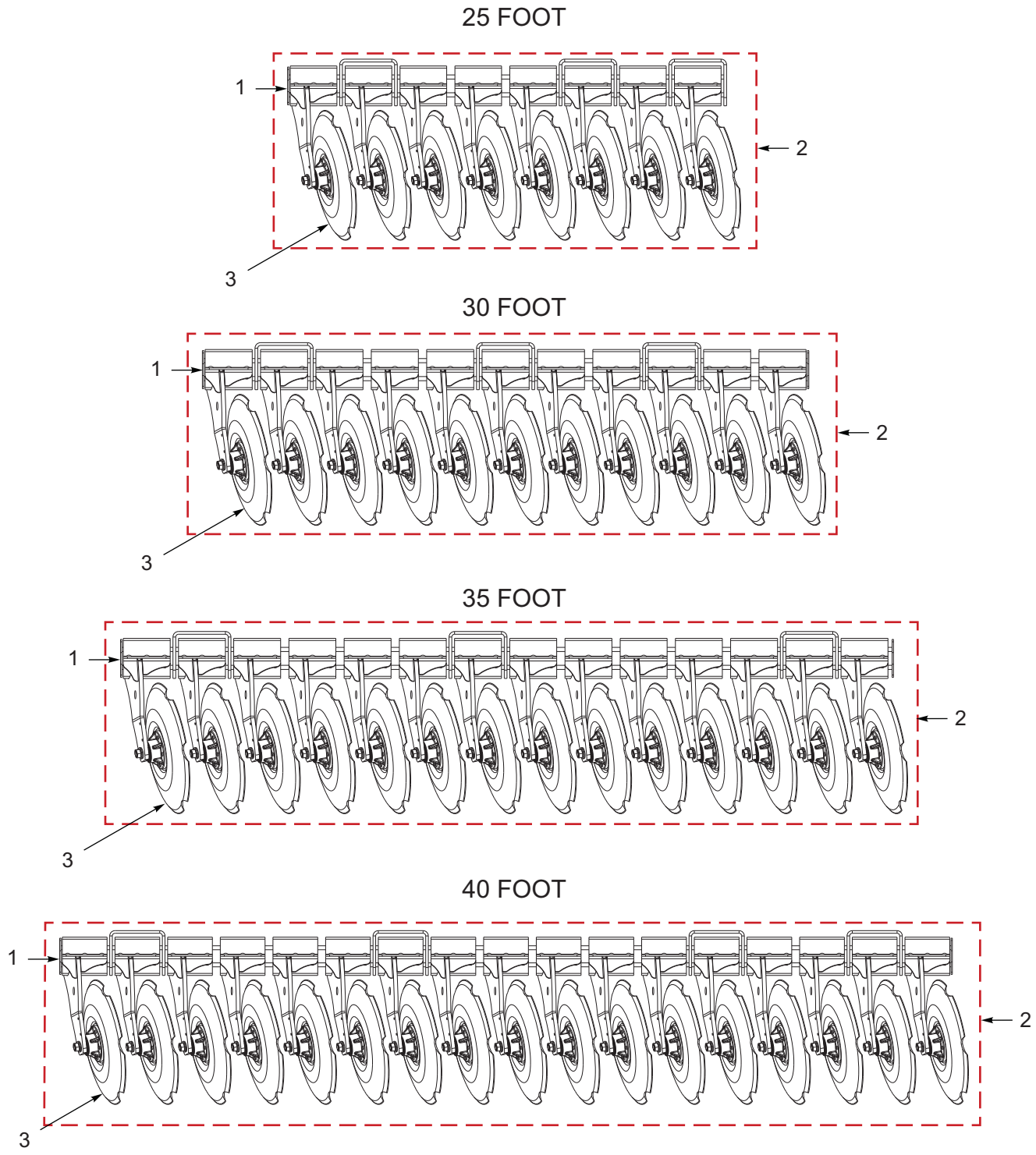
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Left Wing Rear Gang Assemblies

ITEM	PART NO.	DESCRIPTION	QTY.			
3	212562	GANG-LR, VERT, SM, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	9	--	--	--
3	212563	GANG-LR, VERT, ROLL, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	9	--	--	--
3	212579	GANG-LR, VERT, NTCHD, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	--	12	--	--
3	212580	GANG-LR, VERT, SM, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	--	12	--	--
3	212581	GANG-LR, VERT, ROLL, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	--	12	--	--
3	212597	GANG-LR, VERT, NTCHD, ASSY**(NOT SHOWN) (AFTER 03/01/2018)**	--	--	15	--
3	212598	GANG-LR, VERT, SM, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	--	--	15	--
3	212599	GANG-LR, VERT, ROLL, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	--	--	15	--
3	212615	GANG-LR, VERT, NTCHD, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	--	--	--	18
3	212616	GANG-LR, VERT, SM, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	--	--	--	18
3	212617	GANG-LR, VERT, ROLL, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	--	--	--	18
4	200790	DISC-RH, FEATHER, VERT, NTCHD, ASSY **(NOT SHOWN) (BEFORE 03/01/2018)**	1	1	1	1
4	200791	DISC-RH, FEATHER, VERT, SM ASSY **(NOT SHOWN) (BEFORE 03/01/2018)**	1	1	1	1
4	208633	DISC-RH, FEATHER, CMPND, SM 22, ASSY **(NOT SHOWN) (BEFORE 03/01/2018)**	1	1	1	1
4	208634	DISC-RH, FEATHER, CMPND, NTCHD 22, ASSY **(NOT SHOWN) (BEFORE 03/01/2018)**	1	1	1	1
4	212242	DISC-RH, FEATHER, CMPND, NTCHD 22, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	1	1	1	1
4	212243	DISC-RH, FEATHER, VERT, NTCHD 22, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	1	1	1	1
4	212244	DISC-RH, FEATHER, VERT, NTCHD 22, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	1	1	1	1
4	212245	DISC-RH, FEATHER, CMPND, SM 22, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	1	1	1	1
4	212246	DISC-RH, FEATHER, HYBRID, SM 22, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	1	1	1	1
4	212247	DISC-RH, FEATHER, VERT, SM 22, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	1	1	1	1

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Right Wing Rear Gang Assemblies



NOTE: SHOWN WITH COMPOUND SHANKS, ALSO AVAILABLE WITH VERTICAL AND HYBRID SHANKS
NOTE: SHOWN WITH NOTCHED BLADE, ALSO AVAILABLE WITH SMOOTH & ROLLABLE BLADES
NOTE: GANGBARS SHOWN AS VIEWED FROM REAR OF MACHINE

Figure 1-21: Right Wing Rear Gang Assemblies

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Right Wing Rear Gang Assemblies

ITEM	PART NO.	DESCRIPTION	QTY.			
			25’	30’	35’	40’
1	192956	GANGBAR WLDMT REAR, RH 35	*	*	1	*
1	192959	GANGBAR WLDMT REAR, RH 40	*	*	*	1
1	192962	GANGBAR WLDMT REAR, RH 25	1	*	*	*
1	192968	GANGBAR WLDMT REAR, RH 30	*	1	*	*
1	210843	GANGBAR WLDMT, REAR, RH 25	1	*	*	*
1	210844	GANGBAR WLDMT, REAR, RH 30	*	1	*	*
1	210845	GANGBAR WLDMT, REAR, RH 35	*	*	1	
1	210846	GANGBAR WLDMT, REAR, RH 40	*	*	*	1
2	184422	GANG-40, RR, CMPND, NTCHD, ASSY **(ITEMS #1 (1) 192959, #3 (17) 195153 (BEFORE 03/01/2018))**	--	--	--	1
2	184424	GANG-35, RR, CMPND, NTCHD, ASSY **(ITEMS #1 (1) 192956, #3 (14) 195153 (BEFORE 03/01/2018))**	--	--	1	--
2	187626	GANG-30, RR, CMPND, NTCHD, ASSY **(ITEMS #1 (1) 192968, #3 (11) 195153 (BEFORE 03/01/2018))**	--	1	--	--
2	188768	GANG-25, RR, CMPND, NTCHD, ASSY **(ITEMS #1 (1) 192962, #3 (8) 195153 (BEFORE 03/01/2018))**	1	--	--	--
2	192621	GANG-40, RR, VERT, NTCHD, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192959, #3 (17) 195132 (BEFORE 03/01/2018))**	--	--	--	1
2	192624	GANG-25, RR, VERT, NTCHD, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192962, #3 (8) 195132 (BEFORE 03/01/2018))**	1	--	--	--
2	192625	GANG-30, RR, VERT, NTCHD, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192968, #3 (11) 195132 (BEFORE 03/01/2018))**	--	1	--	--
2	192966	GANG-35, RR, VERT, NTCHD, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192956, #3 (14) 195132 (BEFORE 03/01/2018))**	--	--	1	--
2	198843	GANG-25, RR, CMPND, SM, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192962, #3 (8) 201294 (BEFORE 03/01/2018))**	1	--	--	--
2	198846	GANG-25, RR, VERT, SM, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192962, #3 (8) 201296 (BEFORE 03/01/2018))**	1	--	--	--
2	198848	GANG-35, RR, CMPND, SM, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192956, #3 (14) 201294 (BEFORE 03/01/2018))**	--	--	1	--
2	198849	GANG-30, RR, VERT, SM, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192968, #3 (11) 201296 (BEFORE 03/01/2018))**	--	1	--	--
2	198852	GANG-30, RR, CMPND, SM, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192962, #3 (11) 201294 (BEFORE 03/01/2018))**	--	1	--	--
2	198854	GANG-35, RR, VERT, SM, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192956, #3 (14) 195132 (BEFORE 03/01/2018))**	--	--	1	--
2	198856	GANG-40, RR, CMPND, SM, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192959, #3 (17) 201294 (BEFORE 03/01/2018))**	--	--	--	1
2	198858	GANG-40, RR, VERT, SM, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192959, #3 (17) 201296 (BEFORE 03/01/2018))**	--	--	--	1
2	198914	GANG-25, RR, CMPND, ROLL, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192962, #3 (8) 201298 (BEFORE 03/01/2018))**	1	--	--	--
2	198918	GANG-25, RR, VERT, ROLL, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192962, #3 (8) 201294 (BEFORE 03/01/2018))**	1	--	--	--
2	198920	GANG-30, RR, CMPND, ROLL, ASSY **(NOT SHOWN) (ITEMS #1 (1) 192968, #3 (11) 201298 (BEFORE 03/01/2018))**	--	1	--	--

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Right Wing Rear Gang Assemblies

ITEM	PART NO.	DESCRIPTION	QTY.			
			25’	30’	35’	40’
2	198921	GANG-30, RR, VERT, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 192968, #3 (11) 201300 (BEFORE 03/01/2018))**	--	1	--	--
2	198924	GANG-35, RR, CMPND, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 192956, #3 (14) 201298 (BEFORE 03/01/2018))**	--	--	1	--
2	198928	GANG-35, RR, VERT, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 192956, #3 (14) 201300 (BEFORE 03/01/2018))**	--	--	1	--
2	198930	GANG-40, RR, CMPND, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 192959, #3 (17) 201298 (BEFORE 03/01/2018))**	--	--	--	1
2	198932	GANG-40, RR, VERT, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 192959, #3 (17) 201300 (BEFORE 03/01/2018))**	--	--	--	1
2	212567	GANG-25, RR, CMPND, NTCHD, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210843, #3 (8) 209206 (AFTER 03/01/2018))**	1	--	--	--
2	212568	GANG-25, RR, CMPND, SM, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210843, #3 (8) 209208 (BEFORE 03/01/2018))**	1	--	--	--
2	212569	GANG-25, RR, CMPND, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210843, #3 (8) 209212 (BEFORE 03/01/2018))**	1	--	--	--
2	212570	GANG-25, RR, HYBRID, NTCHD, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210843, #3 (8) 207518 (AFTER 03/01/2018))**	1	--	--	--
2	212571	GANG-25, RR, HYBRID, SM, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210843, #3 (8) 209210 (AFTER 03/01/2018))**	1	--	--	--
2	212572	GANG-25, RR, HYBRID, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210843, #3 (8) 209214 (AFTER 03/01/2018))**	1	--	--	--
2	212573	GANG-25, RR, VERT, NTCHD, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210843, #3 (17) 207509 (AFTER 03/01/2018))**	1	--	--	--
2	212574	GANG-25, RR, VERT, SM, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210843, #3 (8) 212230 (AFTER 03/01/2018))**	1	--	--	--
2	212575	GANG-25, RR, VERT, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210843, #3 (8) 212232 (AFTER 03/01/2018))**	1	--	--	--
2	212585	GANG-30, CMPND, NTCHD, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210844, #3 (11) 209206 (AFTER 03/01/2018))**	--	1	--	--
2	212586	GANG-30, RR, CMPND, SM, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210844, #3 (11) 209208 (AFTER 03/01/2018))**	--	1	--	--
2	212587	GANG-30, RR, CMPND, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210843, #3 (11) 209212 (AFTER 03/01/2018))**	--	1	--	--
2	212588	GANG-30, RR, HYBRID, NTCHD, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210844, #3 (11) 207518 (AFTER 03/01/2018))**	--	1	--	--
2	212589	GANG-30, RR, HYBRID, SM, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210844, #3 (11) 209210 (AFTER 03/01/2018))**	--	1	--	--
2	212590	GANG-30, RR, HYBRID, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210844, #3 (11) 209214 (AFTER 03/01/2018))**	--	1	--	--
2	212591	GANG-30, VERT, NTCHD, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210844, #3 (11) 207509 (AFTER 03/01/2018))**	--	1	--	--
2	212592	GANG-30, RR, VERT, SM, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210844, #3 (11) 212230 (AFTER 03/01/2018))**	--	1	--	--
2	212593	GANG-30, RR, VERT, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210843, #3 (11) 212232 (AFTER 03/01/2018))**	--	1	--	--
2	212603	GANG-35, RR, CMPND, NTCHD, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210845, #3 (14) 209206 (AFTER 03/01/2018))**	--	--	1	--

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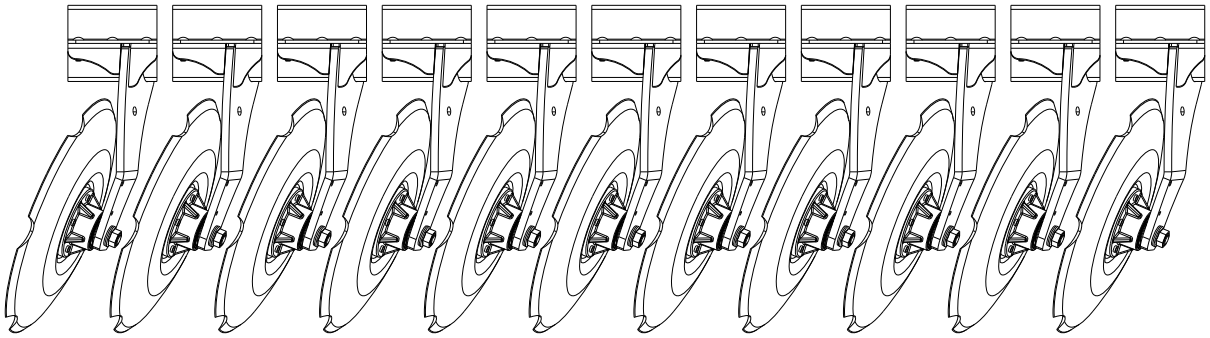
Right Wing Rear Gang Assemblies

ITEM	PART NO.	DESCRIPTION	QTY.			
			25’	30’	35’	40’
2	212604	GANG-35, RR, CMPND, SM, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210845, #3 (14) 209208 (AFTER 03/01/2018))**	--	--	1	--
2	212605	GANG-35, RR, CMPND, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210845, #3 (14) 209212 (AFTER 03/01/2018))**	--	--	1	--
2	212606	GANG-35, RR, HYBRD, NTCHD, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210845, #3 (14) 207518 (AFTER 03/01/2018))**	--	--	1	--
2	212607	GANG-35, RR, HYBRD, SM, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210845, #3 (14) 209210 (AFTER 03/01/2018))**	--	--	1	--
2	212608	GANG-35, RR, HYBRD, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210845, #3 (14) 209214 (AFTER 03/01/2018))**	--	--	1	--
2	212609	GANG-35, RR, VERT, NTCHD, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210845, #3 (14) 207509 (AFTER 03/01/2018))**	--	--	1	--
2	212610	GANG-35, RR, VERT, SM, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210845, #3 (14) 212230 (AFTER 03/01/2018))**	--	--	1	--
2	212611	GANG-35, RR, VERT, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210845, #3 (14) 212232 (AFTER 03/01/2018))**	--	--	1	--
2	212621	GANG-40, CMPND, NTCHD, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210846, #3 (17) 209206 (AFTER 03/01/2018))**	--	--	--	1
2	212622	GANG-40, RR, CMPND, SM, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210846, #3 (17) 209208 (AFTER 03/01/2018))**	--	--	--	1
2	212623	GANG-40, RR, CMPND, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210846, #3 (17) 209212 (AFTER 03/01/2018))**	--	--	--	1
2	212624	GANG-40, RR, HYBRD, NTCHD, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210846, #3 (17) 207518(AFTER 03/01/2018))**	--	--	--	1
2	212625	GANG-40, RR, HYBRD, SM, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210846, #3 (17) 209210 (AFTER 03/01/2018))**	--	--	--	1
2	212626	GANG-40, RR, HYBRD, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210846, #3 (17) 209214 (AFTER 03/01/2018))**	--	--	--	1
2	212627	GANG-40, RR, VERT, NTCHD, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210846, #3 (17) 207509 (AFTER 03/01/2018))**	--	--	--	1
2	212628	GANG-40, RR, VERT, SM, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210846, #3 (17) 212230 (AFTER 03/01/2018))**	--	--	--	1
2	212629	GANG-40, RR, VERT, ROLL, ASSY **(NOT SHOWN)** **(ITEMS #1 (1) 210846, #3 (17) 212232 (AFTER 03/01/2018))**	--	--	--	1
3	195132	DISC-RH, VERT, NTCHD, ASSY **(BEFORE 03/01/2018)**	--	--	--	--
3	195153	DISC-RH, COMP, NTCHD, ASSY **(BEFORE 03/01/2018)**	--	--	--	--
3	201294	DISC-RH, COMP, SM, ASSY **(BEFORE 03/01/2018)**	--	--	--	--
3	201296	DISC-RH, VERT, SM, ASSY **(BEFORE 03/01/2018)**	--	--	--	--
3	201298	DISC-RH, COMP, ROLL, ASSY **(BEFORE 03/01/2018)**	--	--	--	--
3	201300	DISC-RH, VERT, ROLL, ASSY **(BEFORE 03/01/2018)**	--	--	--	--
3	207509	DISC-RH, VERT, NTCHD, ASSY **(AFTER 03/01/2018)**	--	--	--	--
3	207518	DISC-RH, HYBRD, NTCHD, ASSY **(AFTER 03/01/2018)**	--	--	--	--
3	209206	DISC-RH, COMP, NTCHD, ASSY **(AFTER 03/01/2018)**	--	--	--	--
3	209208	DISC-RH, COMP, SM, ASSY **(AFTER 03/01/2018)**	--	--	--	--
3	209210	DISC-RH, HYBRD, SM, ASSY **(AFTER 03/01/2018)**	--	--	--	--
3	209212	DISC-RH, COMP, ROLL, ASSY **(AFTER 03/01/2018)**	--	--	--	--
3	209214	DISC-RH, HYBRD, ROLL, ASSY **(AFTER 03/01/2018)**	--	--	--	--
3	212230	DISC-RH, VERT, SM, ASSY **(AFTER 03/01/2018)**	--	--	--	--
3	212232	DISC-RH, VERT, ROLL, ASSY **(AFTER 03/01/2018)**	--	--	--	--

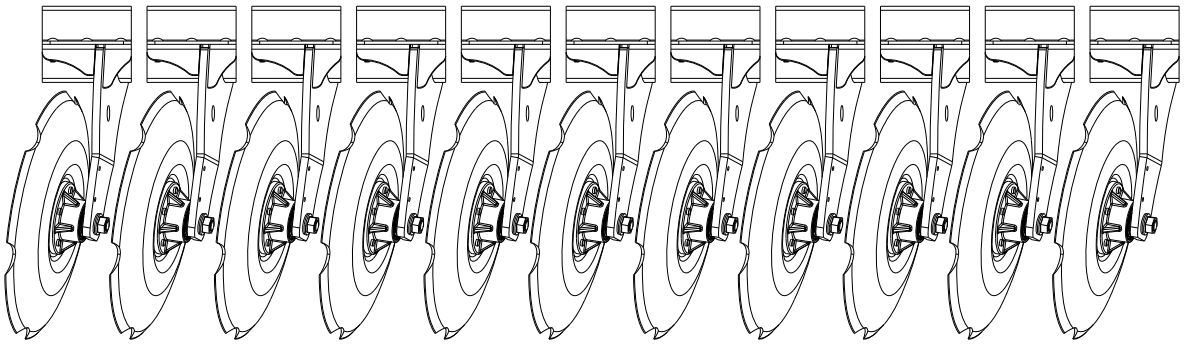
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Center Section Front Disc Assemblies

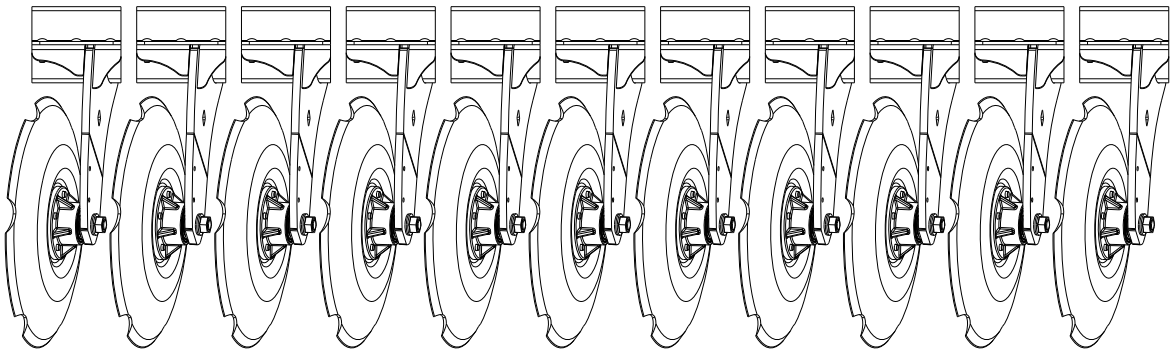
(1) COMPOUD



(2) HYBRID



(3) VERTICAL



NOTE: SHOWN WITH NOTCHED BLADE, ALSO AVAILABLE WITH SMOOTH & ROLLABLE BLADES
NOTE: GANGBARS SHOWN AS VIEWED FROM REAR OF MACHINE

Figure 1-22: Center Section Front Disc Assemblies - (Common To All Sizes)

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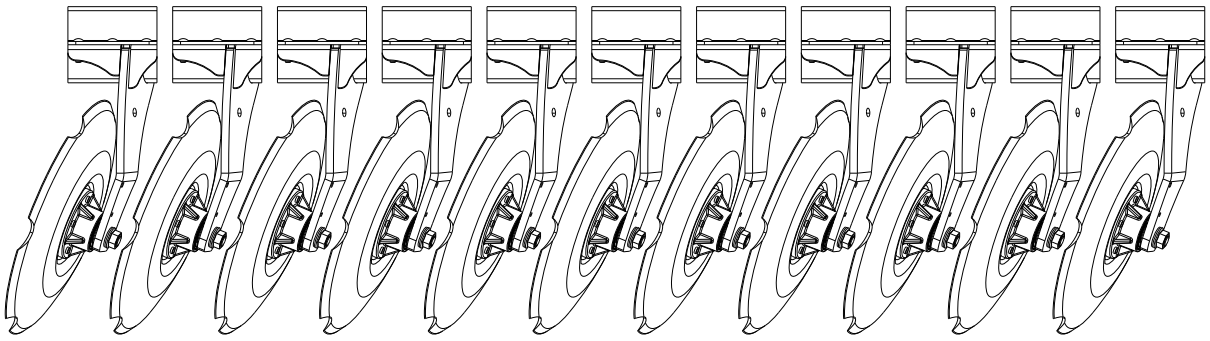
Center Section Front Disc Assemblies (Common To All Sizes)

ITEM	PART NO.	DESCRIPTION	QTY.
1	195152	DISC-LH COMP, NTCHD, ASSY **(BEFORE 03/01/2018) (SEE PAGE 1-72)**	11
1	201293	DISC-LH COMP, SM, ASSY **(NOT SHOWN) (BEFORE 03/01/2018) (SEE PAGE 1-73)**	11
1	201297	DISC-LH COMP, ROLL, ASSY **(NOT SHOWN) (BEFORE 03/01/2018) (SEE PAGE 1-73)**	11
1	209205	DISC-LH,COMP, NTCHD, ASSY **(AFTER 03/01/2018)**	11
1	209207	DISC-LH, COMP, SM, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	11
1	209211	DISC-LH, COMP, ROLL, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	11
2	207517	DISC-LH, HYBRD, NTCHD, ASSY **(AFTER 03/01/2018)**	11
2	209209	DISC-LH, HYBRD, SM, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	11
2	209213	DISC-LH, HYBRD, ROLL, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	11
3	195131	DISC-LH, VERT, NTCHD, ASSY **(BEFORE 03/01/2018) (SEE PAGE 1-77)**	11
3	201295	DISC-LH, VERT, SM, ASSY **(NOT SHOWN) (BEFORE 03/01/2018) (SEE PAGE 1-77)**	11
3	201299	DISC-LH, VERT, ROLL, ASSY **(NOT SHOWN) (BEFORE 03/01/2018) (SEE PAGE 1-77)**	11
3	207508	DISC-LH, VERT, NTCHD, ASSY **(AFTER 03/01/2018)**	11
3	212229	DISC-LH, VERT, SM, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	11
3	212231	DISC-LH, VERT, ROLL, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	11

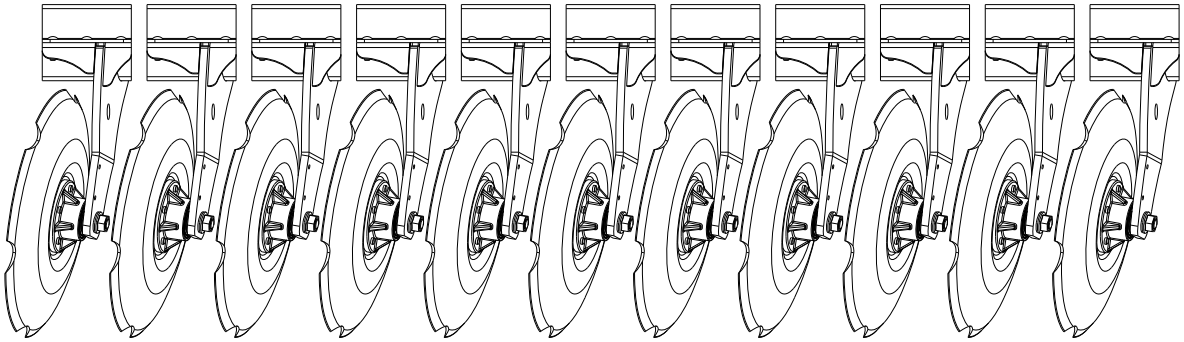
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Left Wing Front Disc Assemblies

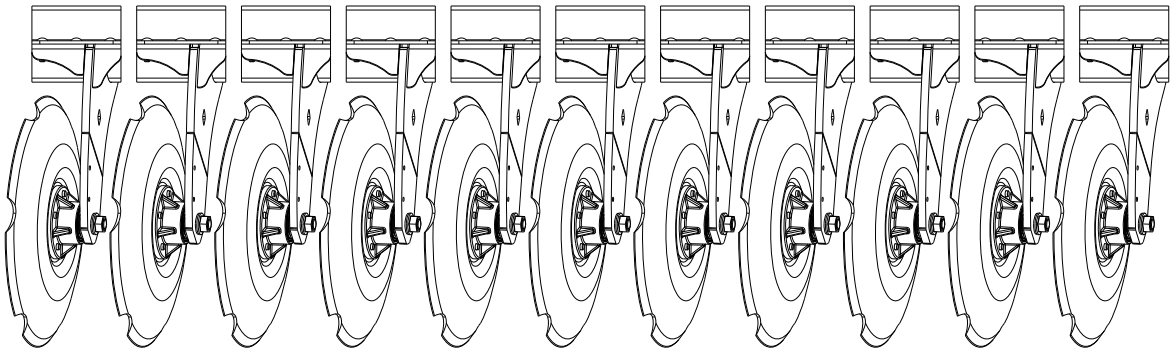
(1) COMPOUD



(2) HYBRID



(3) VERTICAL



NOTE: SHOWN WITH NOTCHED BLADE, ALSO AVAILABLE WITH SMOOTH & ROLLABLE BLADES
NOTE: GANGBARS SHOWN AS VIEWED FROM REAR OF MACHINE

Figure 1-23: Left Wing Front Disc Assemblies

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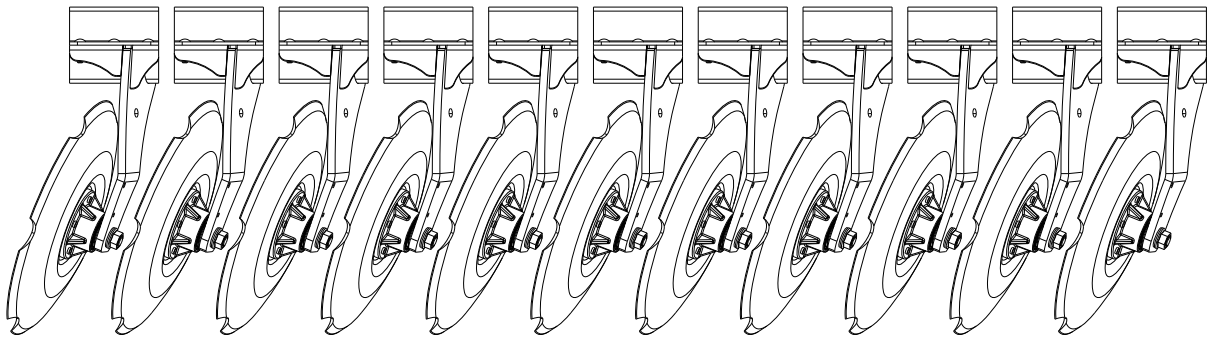
Left Wing Front Disc Assemblies

ITEM	PART NO.	DESCRIPTION	QTY. 25’	30’	35’	40’
	201211	WING ASSEMBLY, 7833-25 LH	*	--	--	--
	201213	WING ASSEMBLY, 7833-30 LH	--	*	--	--
	201215	WING ASSEMBLY, 7833-35 LH	--	--	*	--
	201217	WING ASSEMBLY, 7833-40 LH	--	--	--	*
1	195152	DISC-LH, COMP, NTCHD, ASSY (BEFORE 03/01/2018) (SEE PAGE 1-72)	8	11	14	17
1	201293	DISC-LH, COMP, SM, ASSY **(NOT SHOWN) (BEFORE 03/01/2018) (SEE PAGE 1-73)**	8	11	14	17
1	201297	DISC-LH, COMP, ROLL, ASSY **(NOT SHOWN) (BEFORE 03/01/2018) (SEE PAGE 1-73)**	8	11	14	17
1	209205	DISC-LH, COMP, NTCHD, ASSY **(AFTER 03/01/2018)**	9	12	15	18
1	209207	DISC-LH, COMP, SM, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	9	12	15	18
1	209211	DISC-LH, COMP, ROLL, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	9	12	15	18
2	207517	DISC-LH, HYBRD, NTCHD, ASSY **(AFTER 03/01/2018)**	9	12	15	18
2	209209	DISC-LH, HYBRD, SM, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	9	12	15	18
2	209213	DISC-LH, HYBRD, ROLL, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	9	12	15	18
3	195131	DISC-LH, VERT, NTCHD, ASSY **(BEFORE 03/01/2018)**	8	11	14	17
3	201295	DISC-LH, VERT, SM, ASSY **(NOT SHOWN) (BEFORE 03/01/2018)**	8	11	14	17
3	201299	DISC-LH, VERT, ROLL, ASSY **(NOT SHOWN) (BEFORE 03/01/2018)**	8	11	14	17
3	207508	DISC-LH, VERT, NTCHD, ASSY **(AFTER 03/01/2018)**	9	12	15	18
3	212229	DISC-LH, VERT, SM, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	9	12	15	18
3	212231	DISC-LH, VERT, ROLL, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	9	12	15	18
4	200794	DISC COVER DISC COMP, NTCHD, 22IN, ASSY **(NOT SHOWN) (BEFORE 03/01/2018) (ONLY WHEN ORDERED WITH NOTCHED BLADES)**	1	1	1	1
4	200795	DISC COVER DISC COMP, SM, 22IN, ASSY **(NOT SHOWN) (BEFORE 03/01/2018) (ONLY WHEN ORDERED WITH SMOOTH OR ROLLABLE BLADES)**	1	1	1	1

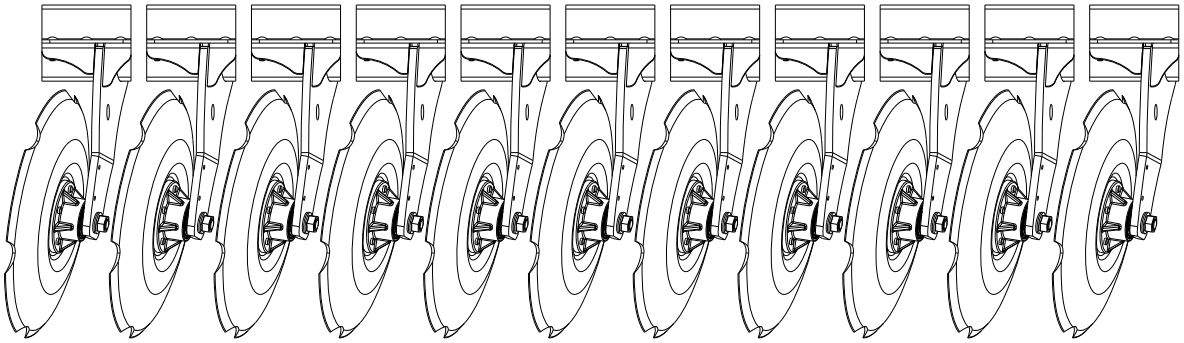
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Right Wing Front Disc Assemblies

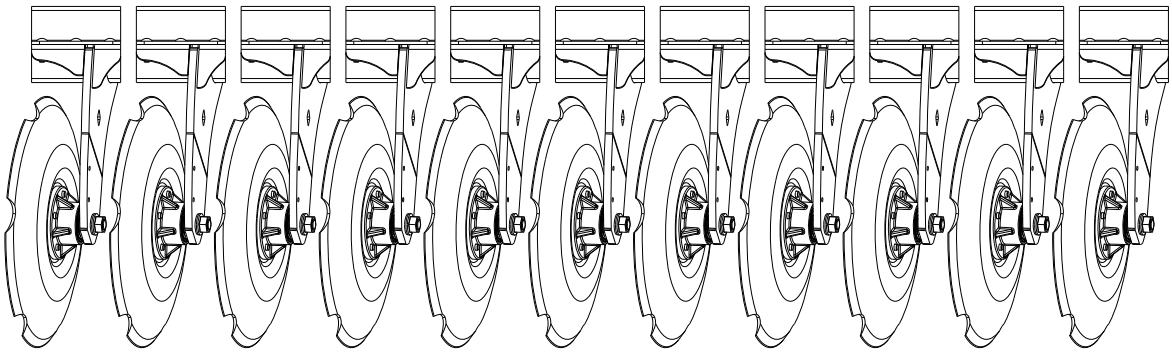
(1) COMPOUD



(2) HYBRID



(3) VERTICAL



NOTE: SHOWN WITH NOTCHED BLADE, ALSO AVAILABLE WITH SMOOTH & ROLLABLE BLADES
NOTE: GANGBARS SHOWN AS VIEWED FROM REAR OF MACHINE

Figure 1-24: Right Wing Front Disc Assemblies (W/ COMPOUND Angle Shanks)

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Right Wing Front Disc Assemblies

ITEM	PART NO.	DESCRIPTION	QTY.			
			25’	30’	35’	40’
	201212	WING ASSEMBLY, 7833-25 RH	*	--	--	--
	201214	WING ASSEMBLY, 7833-30 RH	--	*	--	--
	201216	WING ASSEMBLY, 7833-35 RH	--	--	*	--
	201218	WING ASSEMBLY, 7833-40 RH	--	--	--	*
1	195152	DISC-LH, COMP, NTCHD, ASSY **(BEFORE 03/01/2018) (SEE PAGE 1-72)**	11	14	17	20
1	201293	DISC-LH, COMP, SM, ASSY **(NOT SHOWN) (BEFORE 03/01/2018) (SEE PAGE 1-73)**	11	14	17	20
1	201297	DISC-LH, COMP, ROLL, ASSY **(NOT SHOWN) (BEFORE 03/01/2018) (SEE PAGE 1-73)**	11	14	17	20
1	209205	DISC-LH, COMP, NTCHD, ASSY **(AFTER 03/01/2018)**	11	14	17	20
1	209207	DISC-LH, COMP, SM, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	11	14	17	20
1	209212	DISC-LH, COMP, ROLL, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	11	14	17	20
2	207517	DISC-LH, HYBRD, NTCHD, ASSY **(AFTER 03/01/2018)**	11	14	17	20
2	209209	DISC-LH, HYBRD, SM, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	11	14	17	20
2	209213	DISC-LH, HYBRD, ROLL, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	11	14	17	20
3	195131	DISC-LH, VERT, NTCHD, ASSY **(BEFORE 03/01/2018)**	11	14	17	20
3	201295	DISC-LH, VERT, SM, ASSY **(NOT SHOWN) (BEFORE 03/01/2018)**	11	14	17	20
3	201299	DISC-LH, VERT, ROLL, ASSY **(NOT SHOWN) (BEFORE 03/01/2018)**	11	14	17	20
3	207508	DISC-LH, VERT, NTCHD, ASSY **(AFTER 03/01/2018)**	11	14	17	20
3	212229	DISC-LH, VERT, SM, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	11	14	17	20
3	212231	DISC-LH, VERT, ROLL, ASSY **(NOT SHOWN) (AFTER 03/01/2018)**	11	14	17	20

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Right Hand Rear Disc Assemblies

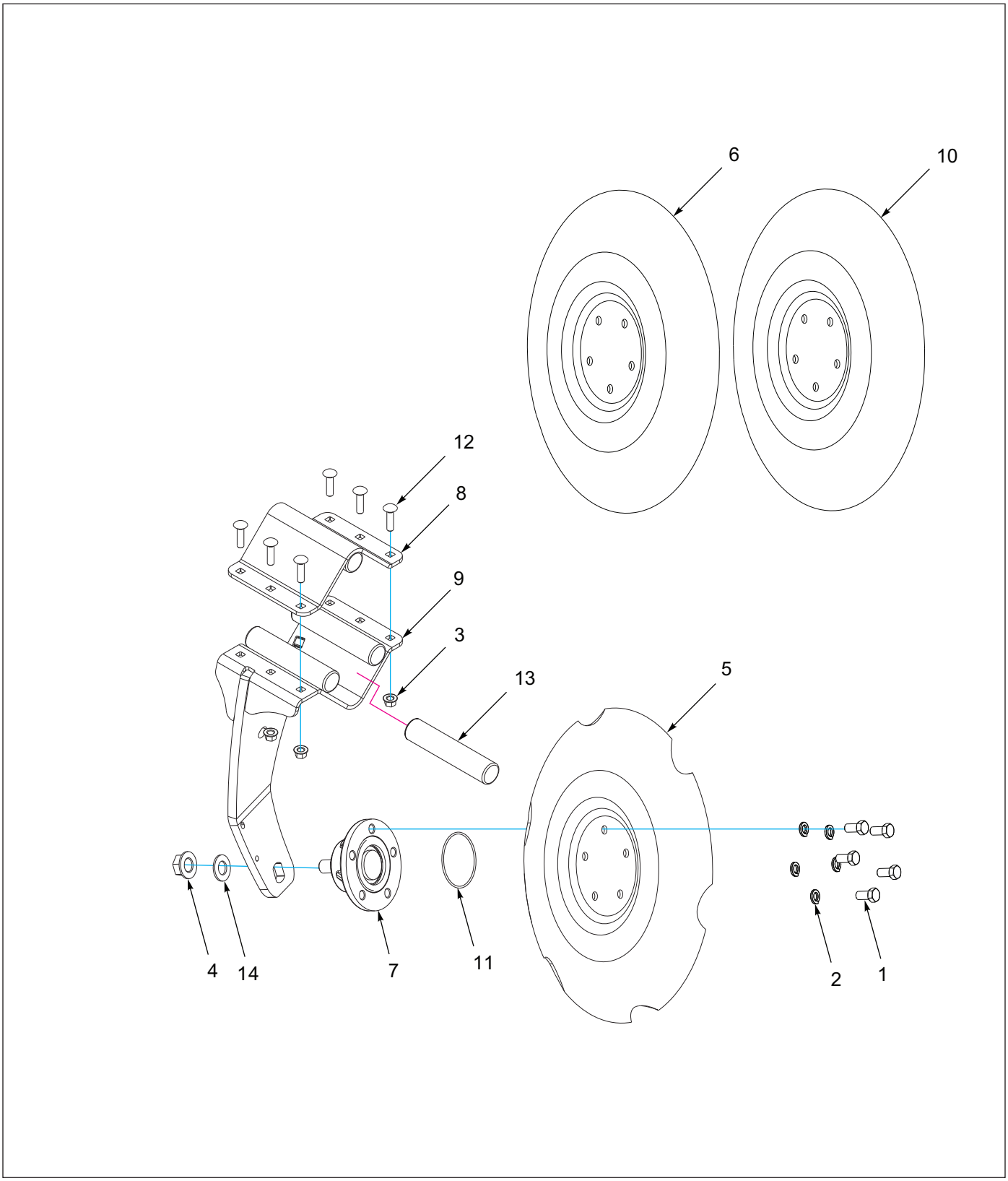


Figure 1-25: Compound Angle Shank RH (Rear)

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Compound Angle Shank RH (Rear)

ITEM	PART NO.	DESCRIPTION	QTY.
	195153	DISC-RH, COMP, NTCHD, ASSY **(BEFORE 03/01/2018)**	--
	201294	DISC-RH, COMP, SM, ASSY **(BEFORE 03/01/2018)**	--
	201298	DISC-RH, COMP, ROLL, ASSY **(BEFORE 03/01/2018)**	--
	209206	DISC-RH, COMP, NTCHD, ASSY **(AFTER 03/01/2018)**	--
	209208	DISC-RH, COMP, SM, ASSY **(AFTER 03/01/2018)**	--
	209212	DISC-RH, COMP, ROLL, ASSY **(AFTER 03/01/2018)**	--
1	1-654-010059-02	SCREW,HEX CAP,5/8-11X1-1/4GR5	5
2	1-861-010034-15	WASHER,LKG,HLCL SPR,5/8	5
3	172509	NUT, FLG HD TOP LCK F1/2-13 **(BEFORE 03/01/2018)**	6
3	209393	NUT, 1/2-20, LG FLNG HD TOP LOCK **(AFTER 03/01/2018)**	6
4	174732	NUT, FLG HD, TOPLOCK, 1-8 UNC	1
5	175284	DISC BLADE RH 24X1/4 DIR NTCHD	1
6	175329	BLADE HSD 24 SM	1
7	185742	HUB ASSY HSL DISC **(SEE PAGE 1-78)**	1
8	186979	CAP SHANK MOUNT	1
9	195151	SHANK-DISC, COMPND, RH WLDMNT	1
9	209204	SHANK-COMP, RH,17-20P, WLDMNT	1
10	198785	BLADE-HSL.SMOOTH.24X1/4, ROLLBL	1
11	202843	O-RING, 4 ID X 1/8 BUNA	1
12	203392	SCREW, RDH, SQ NK, 3/4-13X2 GR8 **(BEFORE 03/01/2018)**	6
12	209392	SCREW-RDH, SQ NK,1/2-20X2,GR8 **(AFTER 03/01/2018)**	6
13	203525	SPRING-TORSION, RUBBER, 1-3/4	4
14	622-3511-010	WASHER, FLAT 1 MIL-CARB SAE	1
15	1-512-010005-05	NUT, HEX SLFLKG, 3/8-16 UNC, GRB **(NOT SHOWN)**	2
16	195009	SCREW, RDHD 3/8-16 X 1-1/2, GR5 **(NOT SHOWN)**	2
17	195163	SCRAPER, CMPND, REAR HSL **(BEFORE 03/01/2018) (NOT SHOWN)**	1
17	195164	SCRAPER, CMPND, REAR HSL **(AFTER 03/01/2018) (NOT SHOWN)**	1
18	-----	**ITEMS 16-18 (OPTIONAL SCRAPER FOR COMPOUND ANGLE SHANK)**	--

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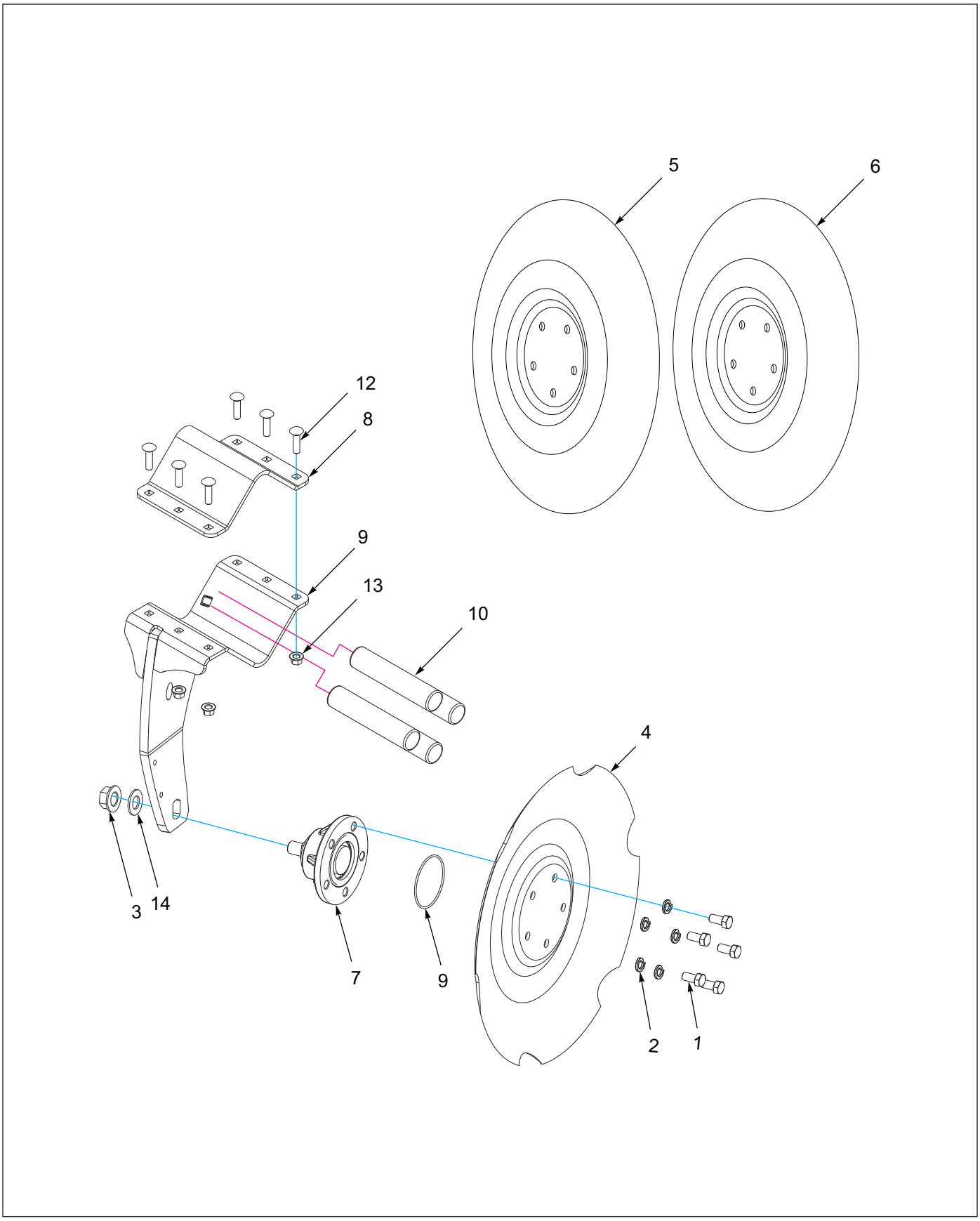


Figure 1-26: Hybrid Shank Rear

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Hybrid Shank Rear

ITEM	PART NO.	DESCRIPTION	QTY.
	207518	DISC-RH, HYBRD, NTCHD, ASSY **(AFTER 03/01/2018)**	--
	209210	DISC-RH, HYBRD, SM, ASSY **(AFTER 03/01/2018)**	--
	209214	DISC-RH, HYBRD, ROLL, ASSY **(AFTER 03/01/2018)**	--
1	1-654-010059-02	SCREW, HEX CAP, 5/8-11X1-1/4GR5	5
2	1-861-010034-15	WASHER, LKG, HLCL SPR, 5/8	5
3	174732	NUT, FLG HD, TOPLOCK, 1-8 UNC	1
4	175283	DISC BLADE LH 24X1/4 DIR NTCHD	1
5	175329	BLADE HSD 24 SM	1
6	198785	BLADE-HSL .24X1/4, ROLL	1
7	185742	HUB ASSY HSL DISC **(SEE PAGE 1-78)**	1
8	186979	CAP SHANK MOUNT	1
9	202843	O-RING, 4IN ID X 1/8IN BUNA	1
10	203525	SPRING-TORSION, RUBBER, 1-3/4	4
11	207515	SHANK, HYBRID, LH, WLDMENT	1
12	209392	SCREW, RDH, SQ NK, 1/2-20 GR8	6
13	209393	NUT, 1/2-20, LG FLNG HD TOP LOCK	6
14	622-3511-010	WASHER, FLAT 1IN MIL-CARB SAE	1
15	1-512-010005-05	NUT, HEX SLFLKG, 3/8-16 UNC, GRB **(NOT SHOWN)**	2
16	195009	SCREW, RDHD 3/8-16 X 1-1/2, GR5 **(NOT SHOWN)**	2
17	195164	SCRAPER-VERTICAL, REAR HSL **(NOT SHOWN)**	1
18	-----	**ITEMS 15-17 (OPTIONAL SCRAPER FOR VERTICAL SHANK)**	--

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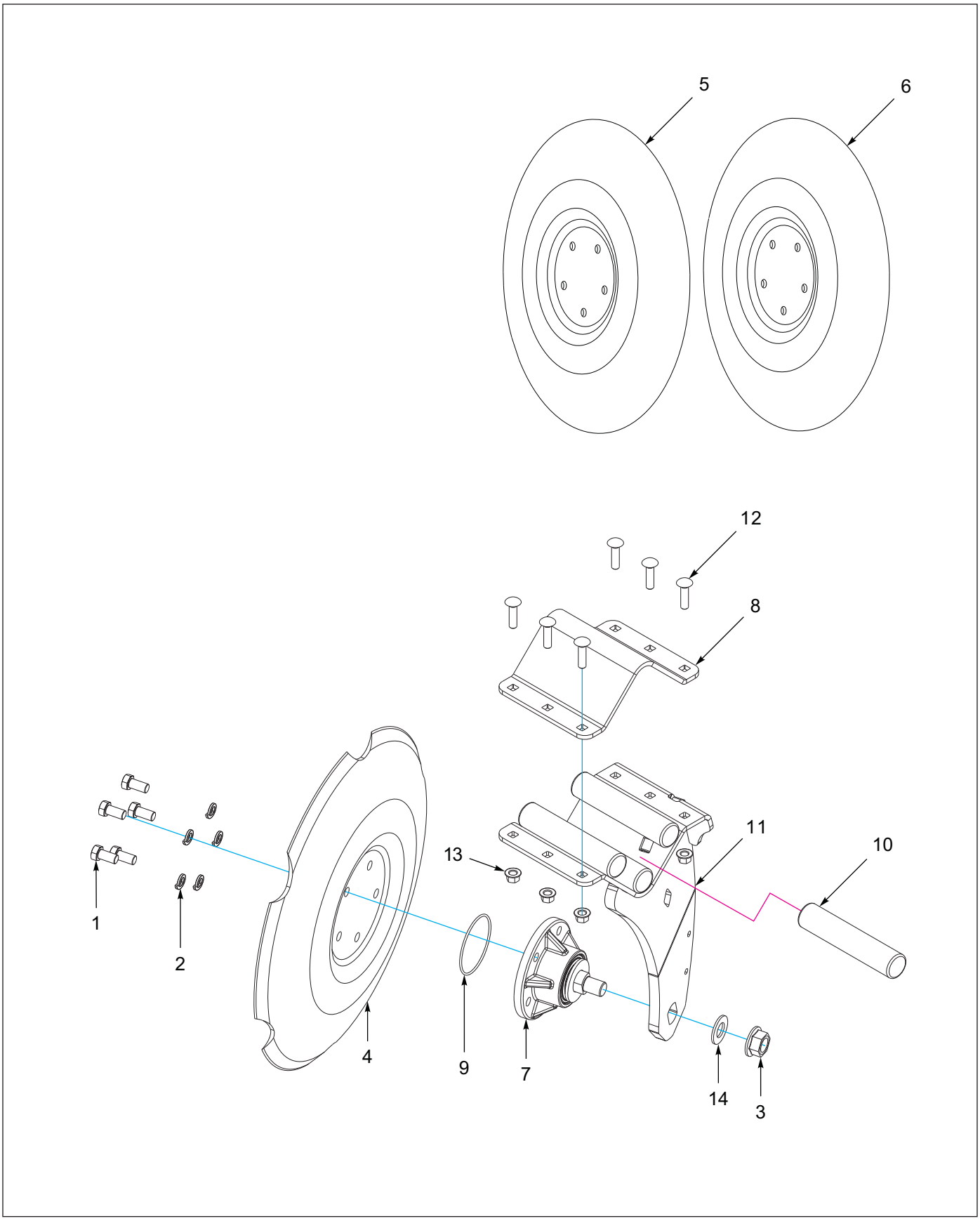


Figure 1-27: Vertical Shank RH (Rear)

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Vertical Shank RH (Rear)

ITEM	PART NO.	DESCRIPTION	QTY.
	195132	DISC-RH, VERT, NTCHD, ASSY **(BEFORE 03/01/2018)**	--
	201296	DISC-RH, VERT, SM, ASSY **(BEFORE 03/01/2018)**	--
	201300	DISC-RH, VERT, ROLL, ASSY **(BEFORE 03/01/2018)**	--
	207509	DISC-RH, VERT, NTCHD, ASSY **(AFTER 03/01/2018)**	--
	212230	DISC-RH, VERT, SM, ASSY **(AFTER 03/01/2018)**	--
	212232	DISC-RH, VERT, ROLL, ASSY **(AFTER 03/01/2018)**	--
1	1-654-010059-02	SCREW, HEX CAP, 5/8-11X1-1/4GR5	5
2	1-861-010034-15	WASHER, LKG, HLCL SPR, 5/8	5
3	174732	NUT, FLG HD, TOPLOCK, 1-8 UNC	1
4	175284	DISC BLADE RH 24X1/4 DIR NTCHD	1
5	175329	BLADE HSD 24 NO NTCHD	1
6	198785	BLADE-HSL.SMOOTH.24X1/4, ROLLBL	1
7	185742	HUB ASSY HSL DISC **(SEE PAGE 1-78)**	1
8	186979	CAP SHANK MOUNT	1
9	202843	O-RING, 4" ID X 1/8" BUNA	1
10	203525	SPRING-TORSION, RUBBER, 1-3/4	4
11	207507	SHANK-VERT, RH, 17P, WLDMT	1
12	209392	SCREW-RDH, SQ NK,1/2-20X2,GR8	6
13	209393	NUT,1/2-20,LG FLNG HD TOP LOCK	6
14	622-3511-010	WASHER, FLAT 1IN MIL-CARB SAE	1
15	1-512-010005-05	NUT, HEX SLFLKG, 3/8-16 UNC, GRB **(NOT SHOWN)**	2
16	195009	SCREW, RDHD 3/8-16 X 1-1/2, GR5 **(NOT SHOWN)**	2
17	195164	SCRAPER-VERTICAL, REAR HSL **(NOT SHOWN)**	1
18	-----	**ITEMS 15-17 (OPTIONAL SCRAPER FOR VERTICAL SHANK)**	--

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Left Hand Front Disc Assemblies

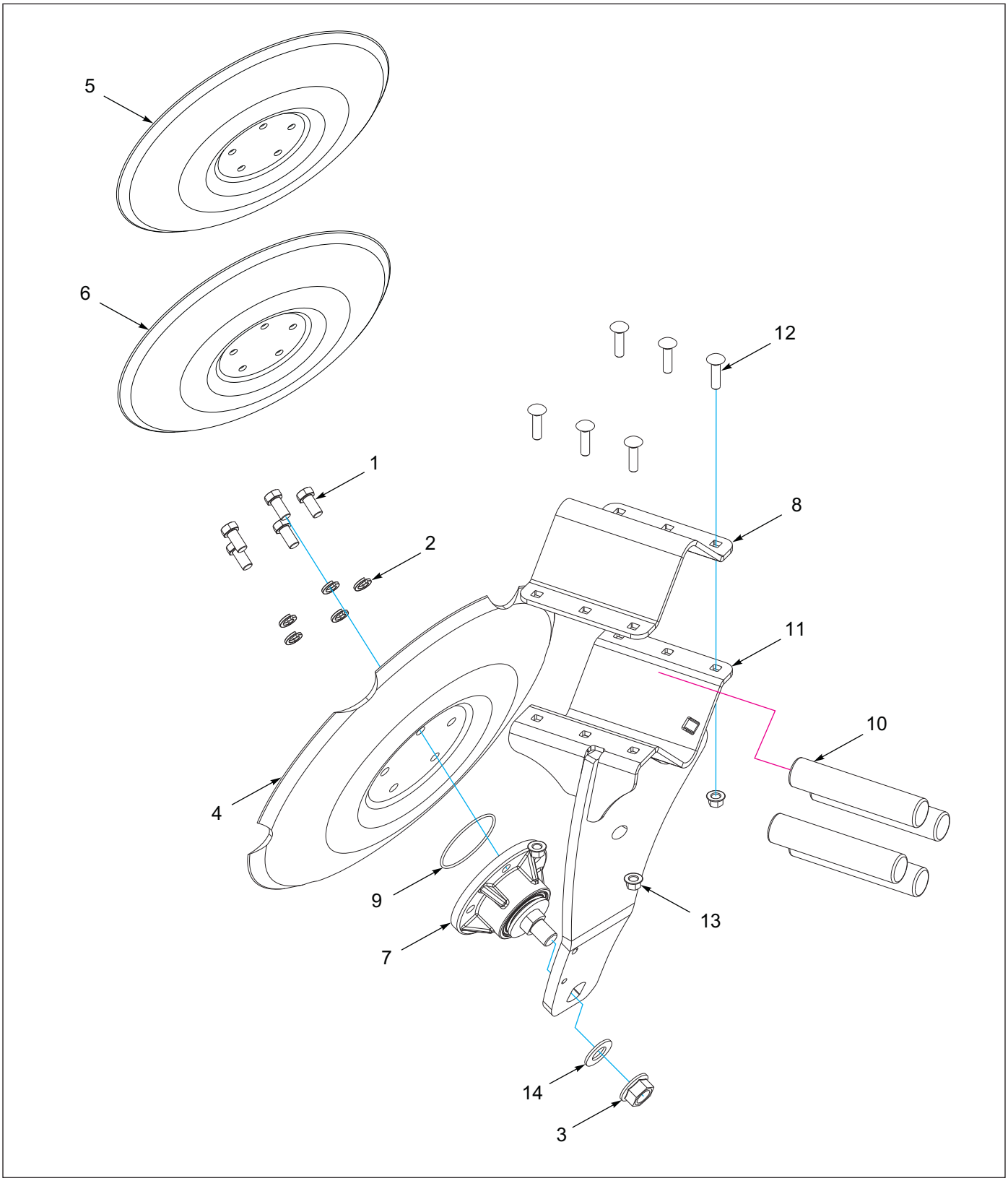


Figure 1-28: Compound Angle Shank LH (Front)

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Compound Angle Shank LH (Front)

ITEM	PART NO.	DESCRIPTION	QTY.
	195152	DISC-RH, COMP, NTCHD, ASSY **(BEFORE 03/01/2018)**	--
	201293	DISC-RH, COMP, SM, ASSY **(BEFORE 03/01/2018)**	--
	201297	DISC-RH, COMP, ROLL, ASSY **(BEFORE 03/01/2018)**	--
	209205	DISC-RH, COMP, NTCHD, ASSY **(AFTER 03/01/2018)**	--
	209204	DISC-RH, COMP, SM, ASSY **(AFTER 03/01/2018)**	--
	209211	DISC-RH, COMP, ROLL, ASSY **(AFTER 03/01/2018)**	--
1	1-654-010059-02	SCREW,HEX CAP,5/8-11X1-1/4GR5	5
2	1-861-010034-15	WASHER,LKG,HLCL SPR,5/8	5
3	174732	NUT, FLG HD, TOPLOCK, 1-8 UNC	1
4	175283	DISC BLADE LH 24X1/4 DIR NTCHD	1
5	175329	BLADE HSD 24 NO NOTCH	1
6	198785	BLADE-HSL,SMOOTH,24X1/4,ROLLBL	1
7	185742	HUB ASSY HSL DISC **(SEE PAGE 1-78)**	1
8	186979	CAP SHANK MOUNT	1
9	202843	O-RING, 4" ID X 1/8" BUNA	1
10	203525	SPRING-TORSION, RUBBER, 1-3/4	4
11	209203	SHANK-COMP,LH, 17-20P, WLDMNT	1
12	209392	SCREW-RDH, SQ NK,1/2-20X2,GR8	6
13	209393	NUT,1/2-20,LG FLNG HD TOP LOCK	6
14	622-3511-010	WASHER, FLAT 1" MIL-CARB SAE	1
15	1-512-010005-05	NUT, HEX SLFLKG, 3/8-16 UNC, GRB **(NOT SHOWN)**	2
16	195009	SCREW, RDHD 3/8-16 X 1-1/2, GR5 **(NOT SHOWN)**	2
17	195162	SCRAPER-COMPOUND, FRONT HSL **(NOT SHOWN)** **(BEFORE 03/01/2018)**	1
17	195161	SCRAPER-COMPOUND, FRONT HSL **(NOT SHOWN)** **(AFTER 03/01/2018)**	1
18	-----	**ITEMS 15-17 (OPTIONAL SCRAPER FOR COMPOUND ANGLE SHANK)**	--

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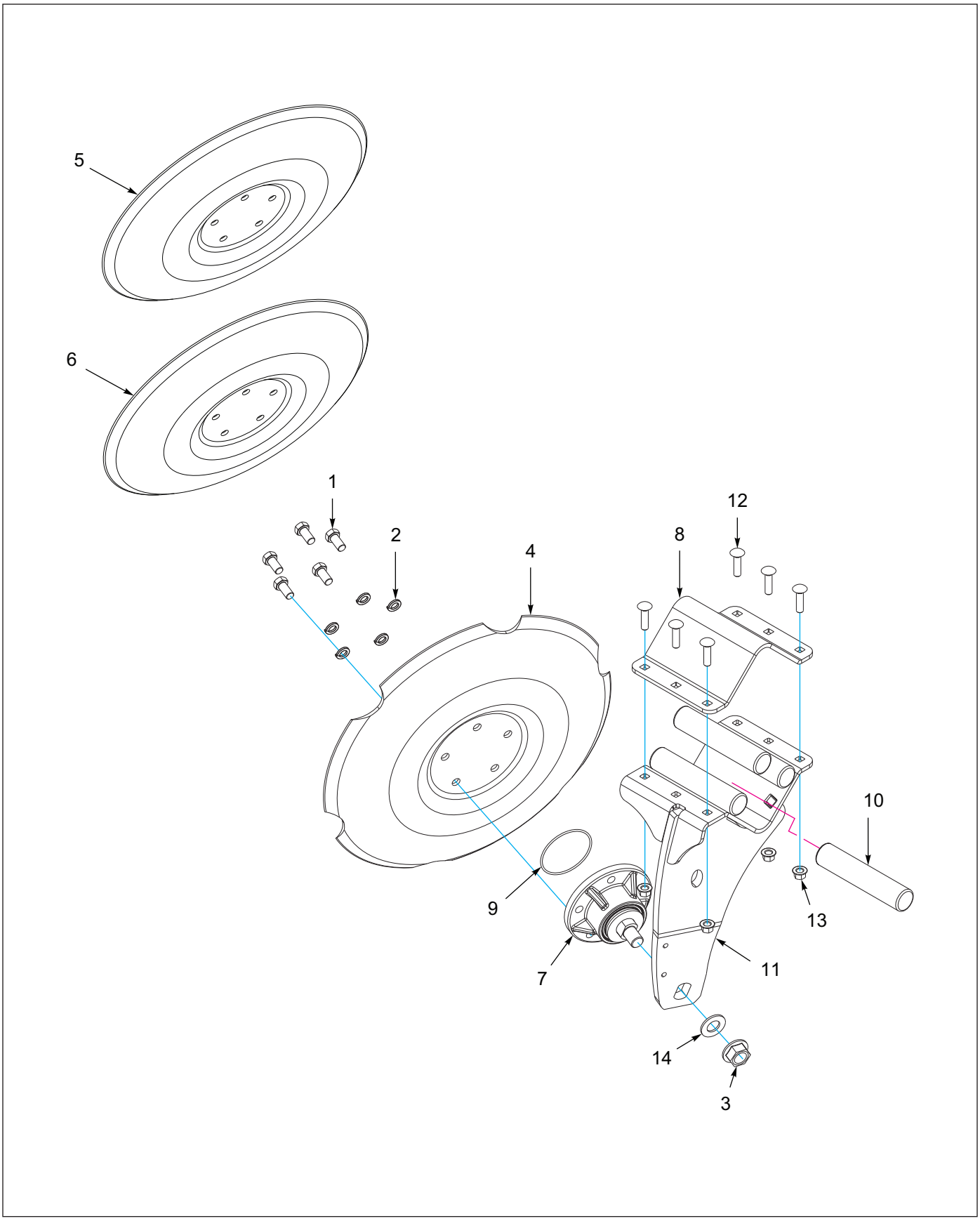


Figure 1-29: Hybrid Shank Front

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Hybrid Shank Front and Center

ITEM	PART NO.	DESCRIPTION	QTY.
	207517	DISC-LH, HYBRD, NTCHD, ASSY **(AFTER 03/01/2018)**	--
	209209	DISC-LH, HYBRD, SM, ASSY **(AFTER 03/01/2018)**	--
	209213	DISC-LH, HYBRD, ROLL, ASSY **(AFTER 03/01/2018)**	--
1	1-654-010059-02	SCREW, HEX CAP,5/8-11X1-1/4GR5	5
2	1-861-010034-15	WASHER, LKG, HLCL SPR,5/8	5
3	174732	NUT, FLG HD, TOPLOCK, 1-8 UNC	1
4	175283	DISC BLADE LH 24X1/4 DIR NTCHD	1
5	175329	BLADE HSD 24 NO NOTCH	1
6	198785	BLADE-HSL,SMOOTH,24X1/4,ROLLBL	1
7	185742	HUB ASSY HSL DISC (SEE PAGE 1-78)	1
8	186979	CAP SHANK MOUNT	1
9	202843	O-RING, 4IN ID X 1/8IN BUNA	1
10	203525	SPRING-TORSION, RUBBER, 1-3/4	4
11	207515	SHANK-HYBRID, LH, 17-7, WLDMNT	1
12	209392	SCREW, RDH, SQ NK,1/2-20GR8	6
13	209393	NUT,1/2-20,LG FLNG HD TOP LOCK	6
14	622-3511-010	WASHER, FLAT 1IN MIL-CARB SAE	1
15	1-512-010005-05	NUT, HEX SLFLKG, 3/8-16 UNC, GRB **(NOT SHOWN)**	2
16	195009	SCREW, RDHD 3/8-16 X 1-1/2, GR5 **(NOT SHOWN)**	2
17	195164	SCRAPER-VERTICAL, REAR HSL **(NOT SHOWN)**	1
18	-----	**ITEMS 15-17 (OPTIONAL SCRAPER FOR VERTICAL SHANK)**	--

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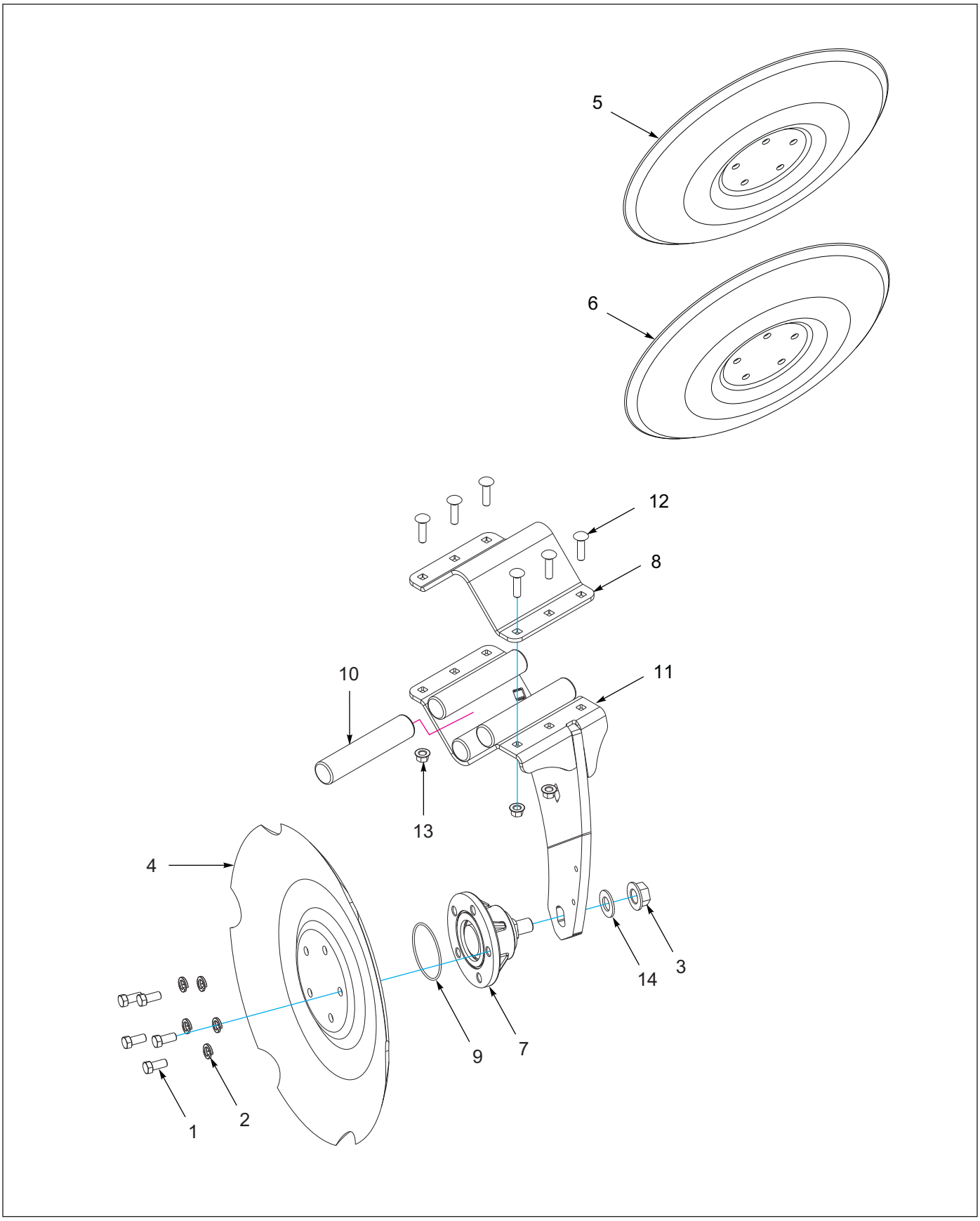


Figure 1-30: Vertical Shank LH (Front)

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Vertical Shank LH (Front)

ITEM	PART NO.	DESCRIPTION	QTY.
	195131	DISC-RH, VERT, NTCHD, ASSY **(BEFORE 03/01/2018)**	--
	201295	DISC-RH, VERT, SM, ASSY **(BEFORE 03/01/2018)**	--
	201299	DISC-RH, VERT, ROLL, ASSY **(BEFORE 03/01/2018)**	--
	207508	DISC-RH, VERT, NTCHD, ASSY **(AFTER 03/01/2018)**	--
	212229	DISC-RH, VERT, SM, ASSY **(AFTER 03/01/2018)**	--
	212231	DISC-RH, VERT, ROLL, ASSY **(AFTER 03/01/2018)**	--
1	1-654-010059-02	SCREW,HEX CAP,5/8-11X1-1/4GR5	5
2	1-861-010034-15	WASHER,LKG,HLCL SPR,5/8	5
3	174732	NUT, FLG HD, TOPLOCK, 1-8 UNC	1
4	175283	DISC BLADE LH 24X1/4 DIR NTCHD	1
5	175329	BLADE HSD 24 NO NTCHD	1
6	198785	BLADE-HSL.SMOOTH.24X1/4, ROLLBL	1
7	185742	HUB ASSY HSL DISC **(SEE PAGE 1-78)**	1
8	186979	CAP SHANK MOUNT	1
9	202843	O-RING, 4" ID X 1/8" BUNA	1
10	203525	SPRING-TORSION, RUBBER, 1-3/4	4
11	207506	SHANK-VERT, LH, 17P, WLDMT	1
12	209392	SCREW, RDH, SQ NK,1/2-20GR8	6
13	209393	NUT,1/2-20,LG FLNG HD TOP LOCK	6
14	622-3511-010	WASHER, FLAT 1" MIL-CARB SAE	1
15	1-512-010005-05	NUT, HEX SLFLKG, 3/8-16 UNC, GRB **(NOT SHOWN)**	2
16	195009	SCREW, RDHD 3/8-16 X 1-1/2, GR5 **(NOT SHOWN)**	2
17	195164	SCRAPER-VERTICAL, FRONT HSL **(NOT SHOWN)**	1
18	-----	**ITEMS 15-16 (OPTIONAL SCRAPER FOR VERTICAL SHANK)**	--

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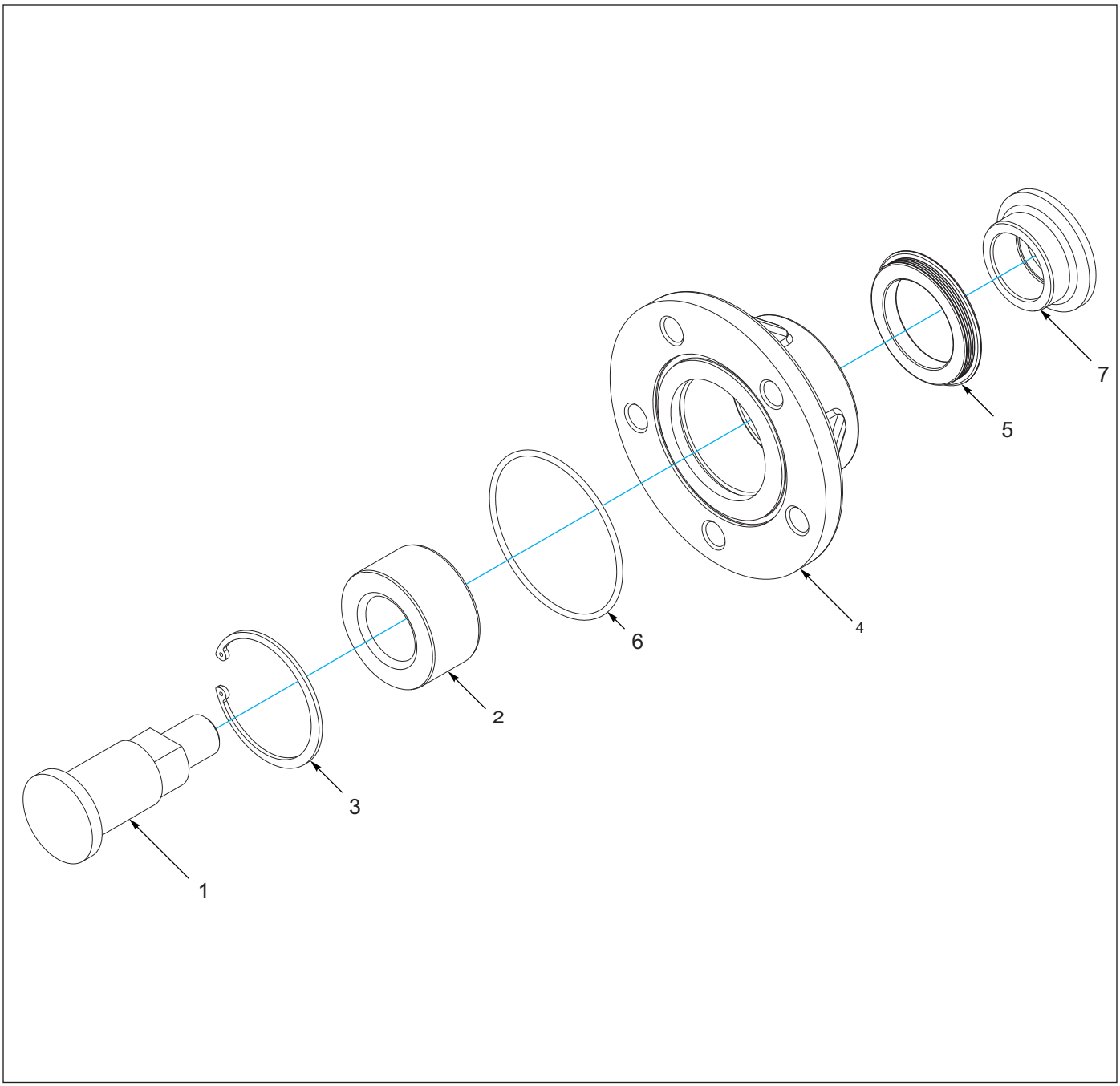


Figure 1-31: Disc Hub Assembly

Disc Hub Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	185742	HUB ASSY HSL DISC	--
1	174523	SPINDLE, 2-1/4 IN	1
2	174526	BEARING, DOUBLE TAPER ROLLER	1
3	174532	INTERNAL RETAINING RING	1
4	185740	CAST, HUB HSL	1
5	185757	SEAL, MAINT FREE HUB, HSL	1
6	202843	O-RING, 4” ID X 1/8” BUNA	1
7	188757	BUSHING-SPINDLE MOUNT	1

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NOTES:

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Spring Reel Assemblies

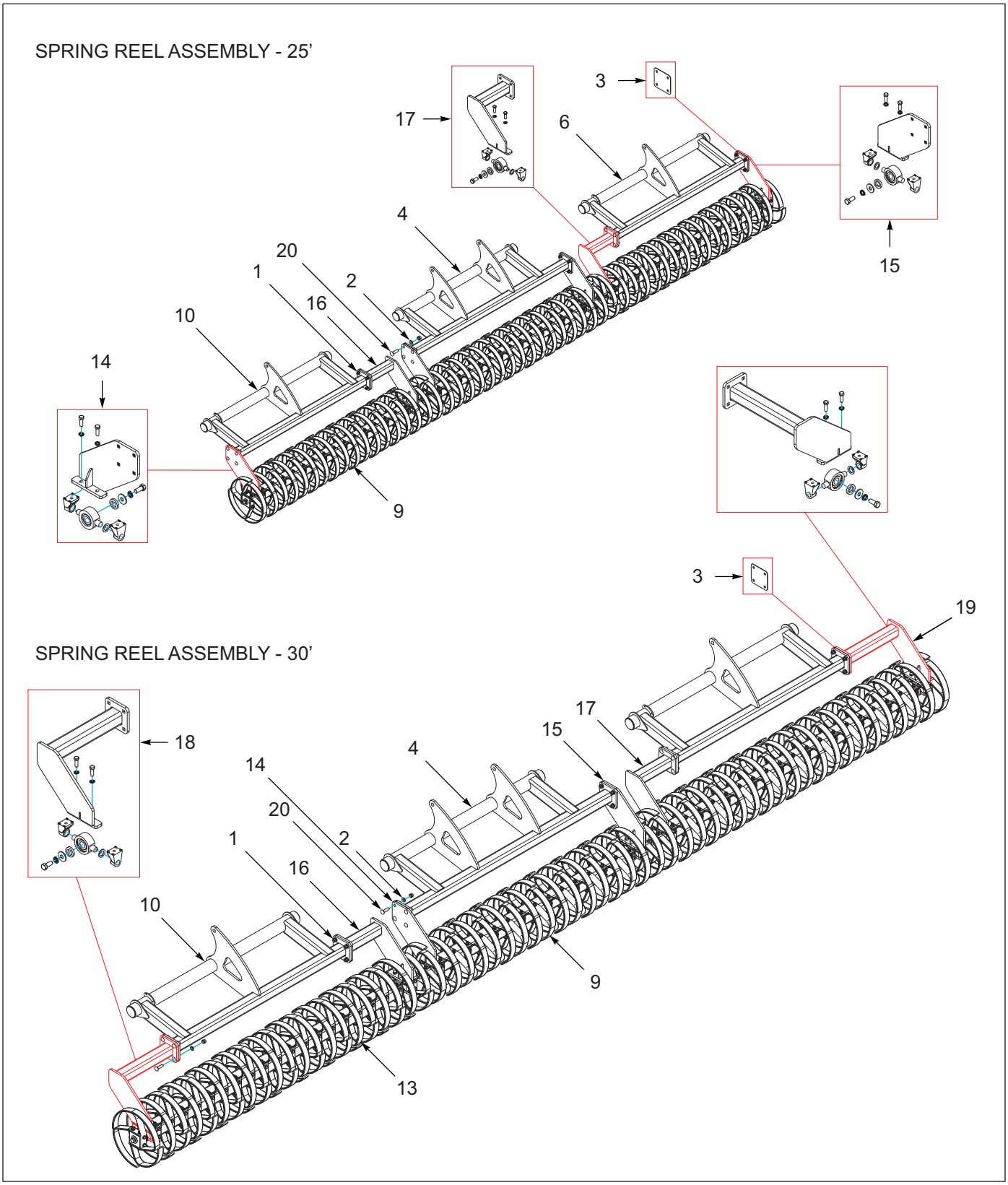


Figure 1-32: Spring Reel Assemblies (BEFORE 03/01/2018)(1 of 2)

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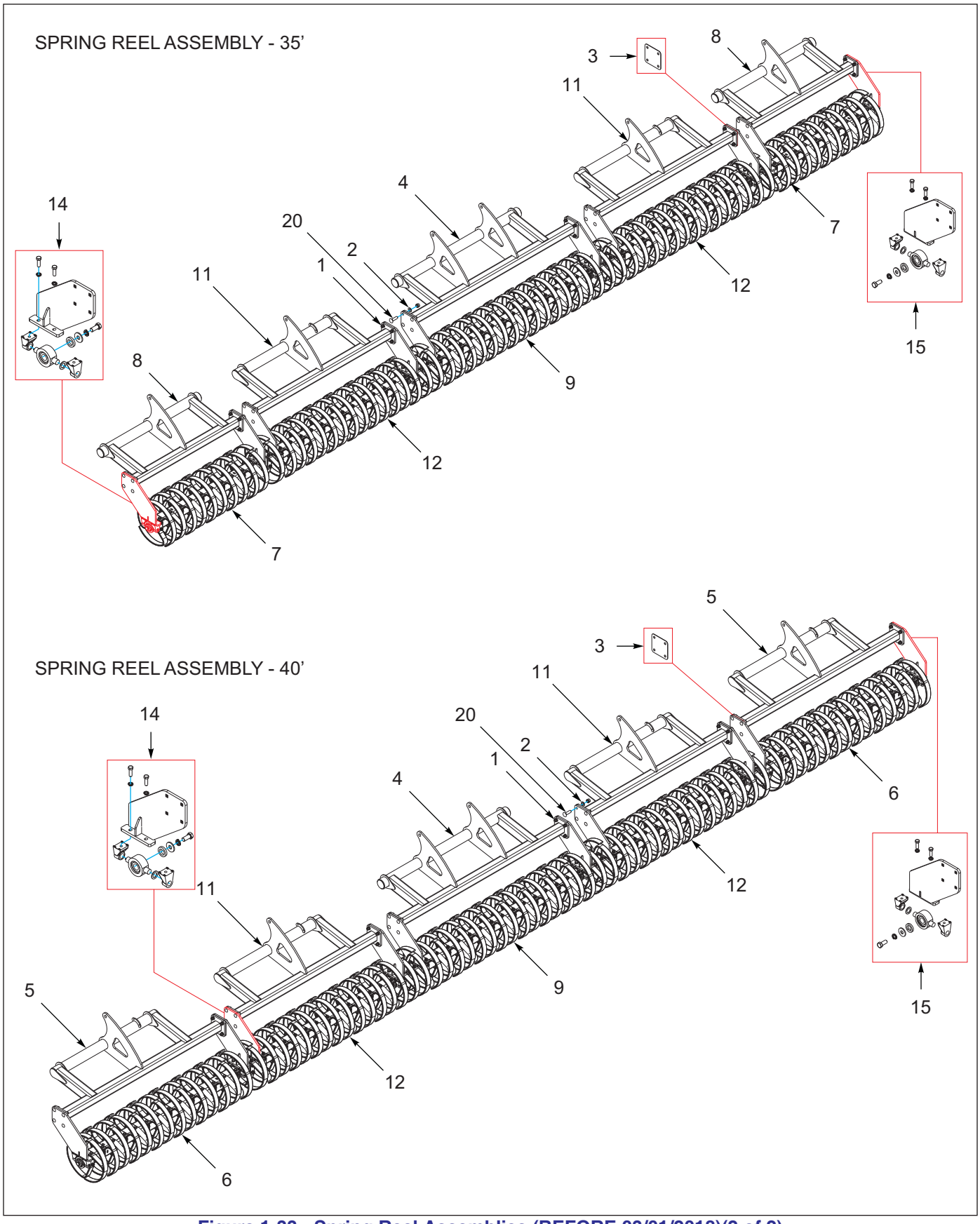


Figure 1-33: Spring Reel Assemblies (BEFORE 03/01/2018)(2 of 2)

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Spring Reel Assemblies (BEFORE 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.			
			25’	30’	35’	40’
	195238	REEL SPRING ASSEMBLY, 7831- 25	*	--	--	--
	195239	REEL SPRING ASSEMBLY, 7831- 30	--	*	--	--
	191147	REEL SPRING ASSEMBLY, 7831- 35	--	--	*	--
	191148	REEL SPRING ASSEMBLY, 7831- 40	--	--	--	*
1	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	24	24	40	40
2	1-861-010032-20	WASHER, FLAT, 3/4 N ZP/CD	24	24	40	40
3	187755	PLATE SHIM 11 GA	3	3	5	5
4	191754	ROCKSHAFT WLDMT SPRING REEL MT	1	1	1	1
5	191757	ROCKSHAFT WLDMT REEL MOUNT	--	--	--	2
6	191762	REEL ASSY SPRING 94 - 3/8"	--	--	--	2
7	191765	REEL ASSY SPRING 64 - 3/4"	--	--	2	--
8	192498	ROCKSHAFT WLDMT REEL MOUNT	--	--	2	--
9	192504	REEL ASSY SPRING CENTER	3	1	1	1
10	192939	ROCKSHAFT WLDMT REEL MOUNT	2	2	--	--
11	193808	ROCKSHAFT WLDMT REEL MOUNT	--	--	2	2
12	193810	REEL ASSY SPRING INTERMED	--	--	2	2
13	195210	REEL ASSY SPRING 135-1/2"	--	2	--	--
14	199901	MOUNT ASSY SPRING REEL	2	1	5	5
15	199902	MOUNT ASSY SPRING REEL	2	1	5	5
16	201231	EXTENSION ASSY SPRING REEL	1	1	--	--
17	201232	EXTENSION ASSY SPRING REEL	1	1	--	--
18	201235	EXTENSION ASSY SPRING REEL	--	1	--	--
19	201236	EXTENSION ASSY SPRING REEL	--	1	--	--
20	201250	SCREW, RD, HD, SQ NK, 3/4-10X2-3/4	24	24	40	40

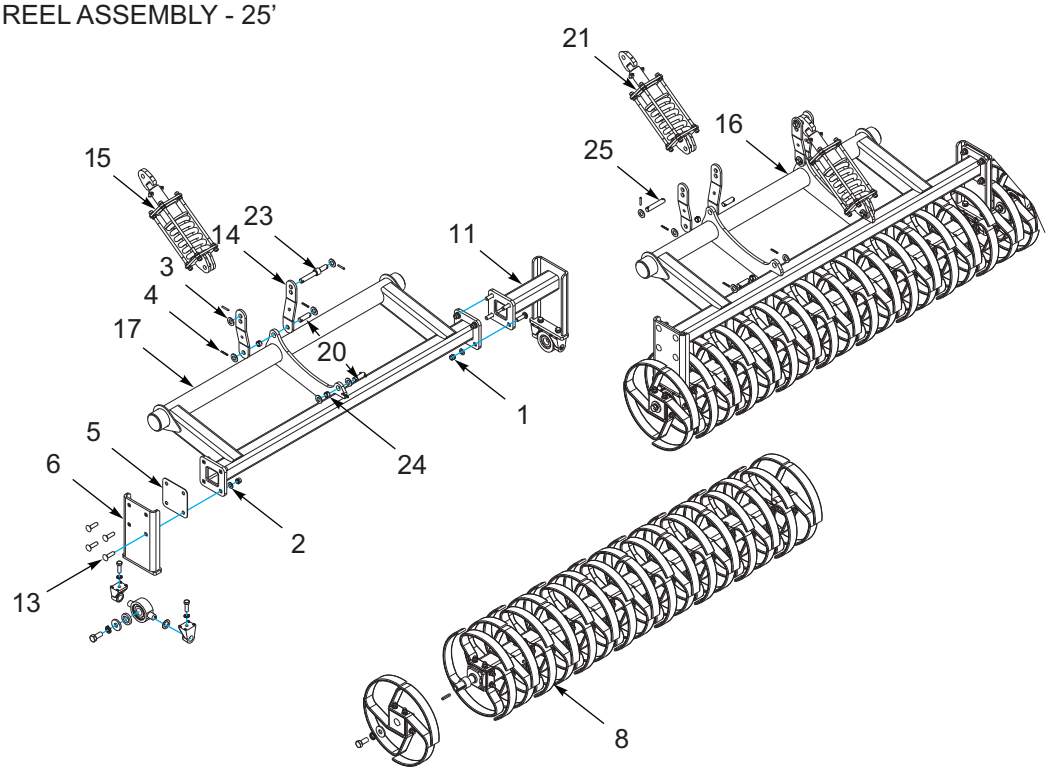
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SPRING REEL ASSEMBLY - 25’



SPRING REEL ASSEMBLY - 30’

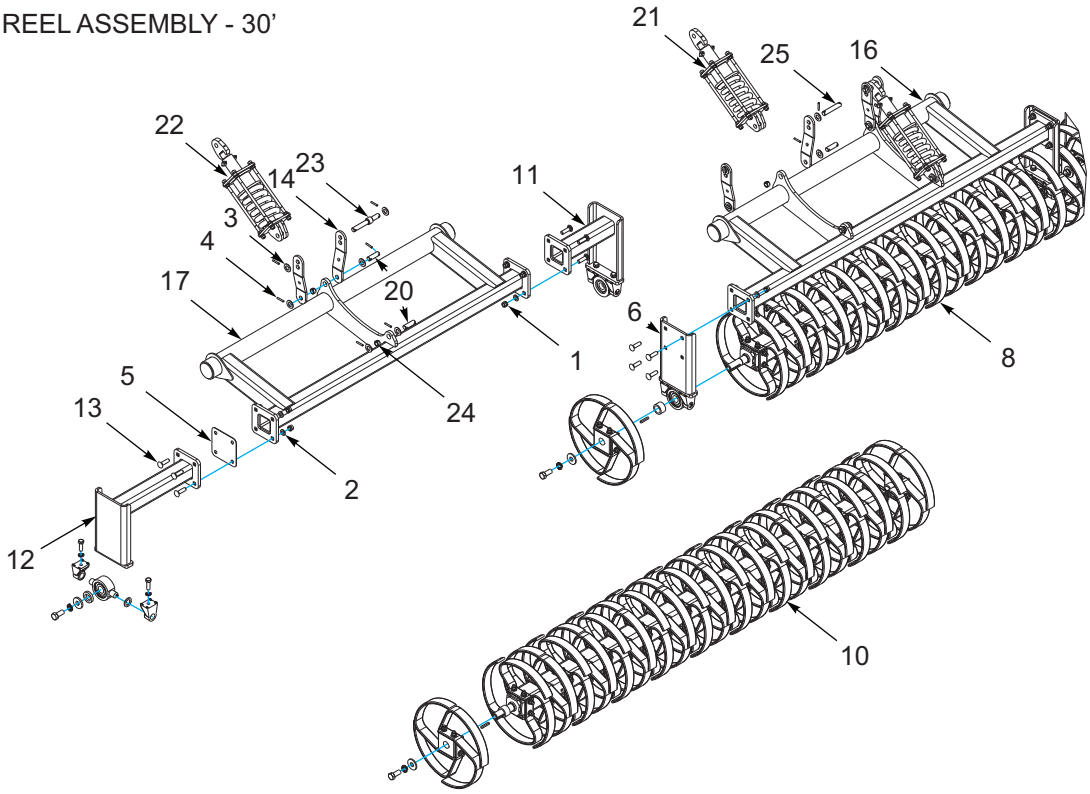


Figure 1-34: Spring Reel Assemblies (AFTER 03/01/2018)(1 of 2)

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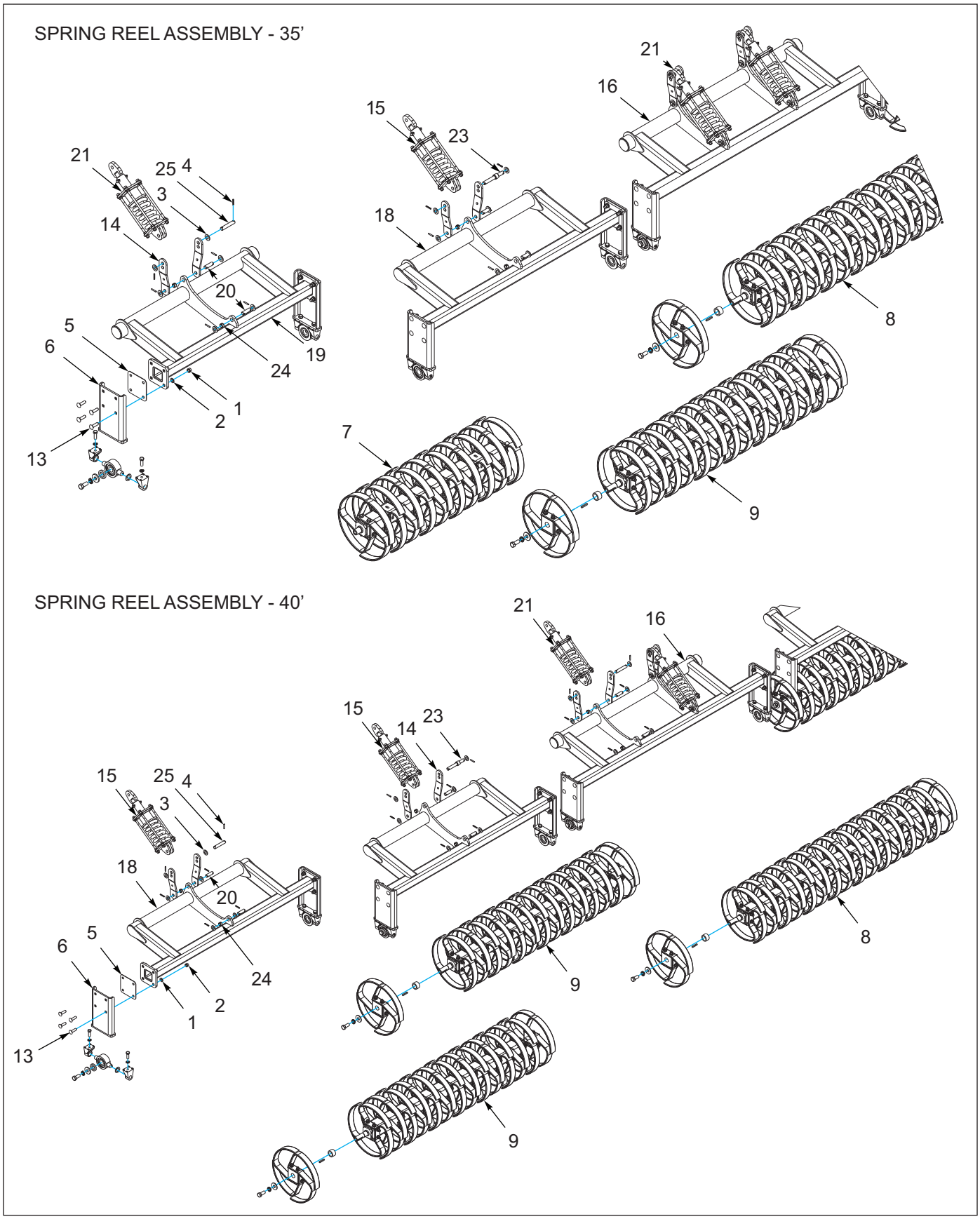


Figure 1-35: Spring Reel Assemblies (AFTER 03/01/2018)(2 of 2)

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Spring Reel Assemblies (AFTER 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.			
			25’	30’	35’	40’
	195238	REEL SPRING ASSEMBLY, 7831- 25	*	--	--	--
	195239	REEL SPRING ASSEMBLY, 7831- 30	--	*	--	--
	191147	REEL SPRING ASSEMBLY, 7831- 35	--	--	*	--
	191148	REEL SPRING ASSEMBLY, 7831- 40	--	--	--	*
1	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	24	24	40	40
2	1-861-010032-20	WASHER, FLAT, 3/4 N ZP/CD	24	24	40	40
3	1-861-010032-24	WASHER, FLAT, 1IN NARROW ZP	24	24	--	--
4	147072	PIN, SPRING SLOTTED 5/16 X 2	24	24	--	--
5	187755	PLATE, SHIM 11 GA	3	3	5	5
6	191759	MOUNT, SPRING-REEL, ASSY	4	2	1	1
7	191765	REEL ASSY SPRING 64-3/4 IN	--	--	2	--
8	192504	REEL ASSY SPRING CENTER	3	1	1	1
9	193810	REEL ASSY SPRING INTERMED	--	--	2	4
10	195210	REEL ASSY, SPRING 135-1/2	--	2	--	--
11	195225	EXTENSION SPRING REEL ASSY	2	2	--	--
12	195232	EXTENSION SPRING REEL ASSY	--	2	--	--
13	201250	SCREW,RD,HD,SQ NK,3/4-10X2-3/4	24	24	40	40
14	207537	LINK IDLER	8	8	12	12
15	207577	LINK-SPRING, K3400 ASSY	2	--	2	4
16	221955	ROCKSHAFT-REEL MOUNT, WLDMT	1	1	1	1
17	221956	ROCKSHAFT-REEL MOUNT, WLDMT	2	2	--	--
18	221957	ROCKSHAFT-REEL MOUNT, WLDMT	--	--	2	4
19	221958	ROCKSHAFT-REEL MOUNT, WLDMT	--	--	2	--
20	209162	PIN, 1 X 3-1/4, H2	8	8	12	12
21	209183	LINK-SPRING, K2700 ASSY	2	2	4	2
22	209184	LINK-SPRING, K4600 ASSY	--	2	--	--
23	209196	PIN-REEL CONTROL	1	1	1	1
24	3P079	SPRING BUSHING,1 X 1.25 X 0.75	8	8	12	12
25	5J768	PIN	3	3	5	5

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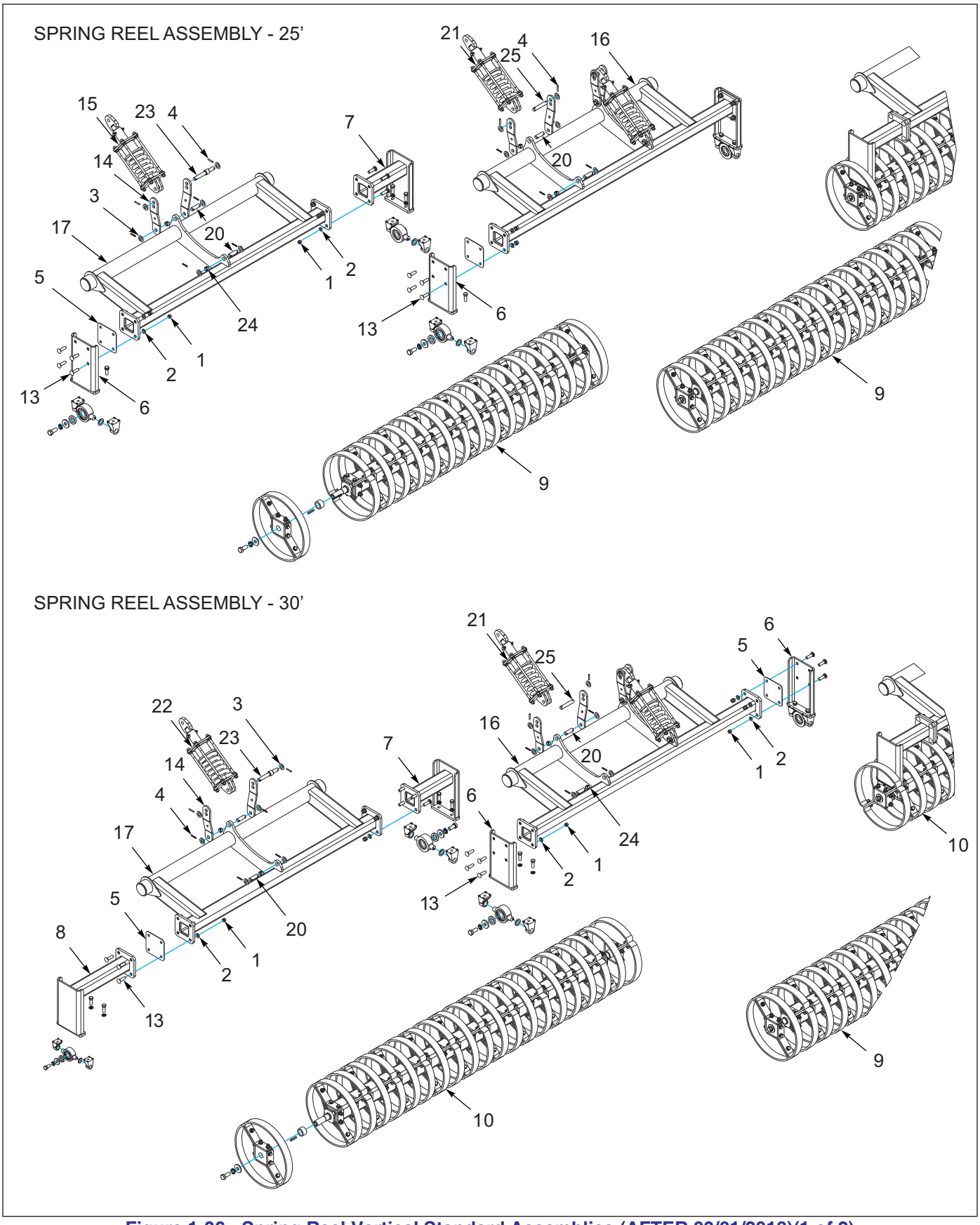
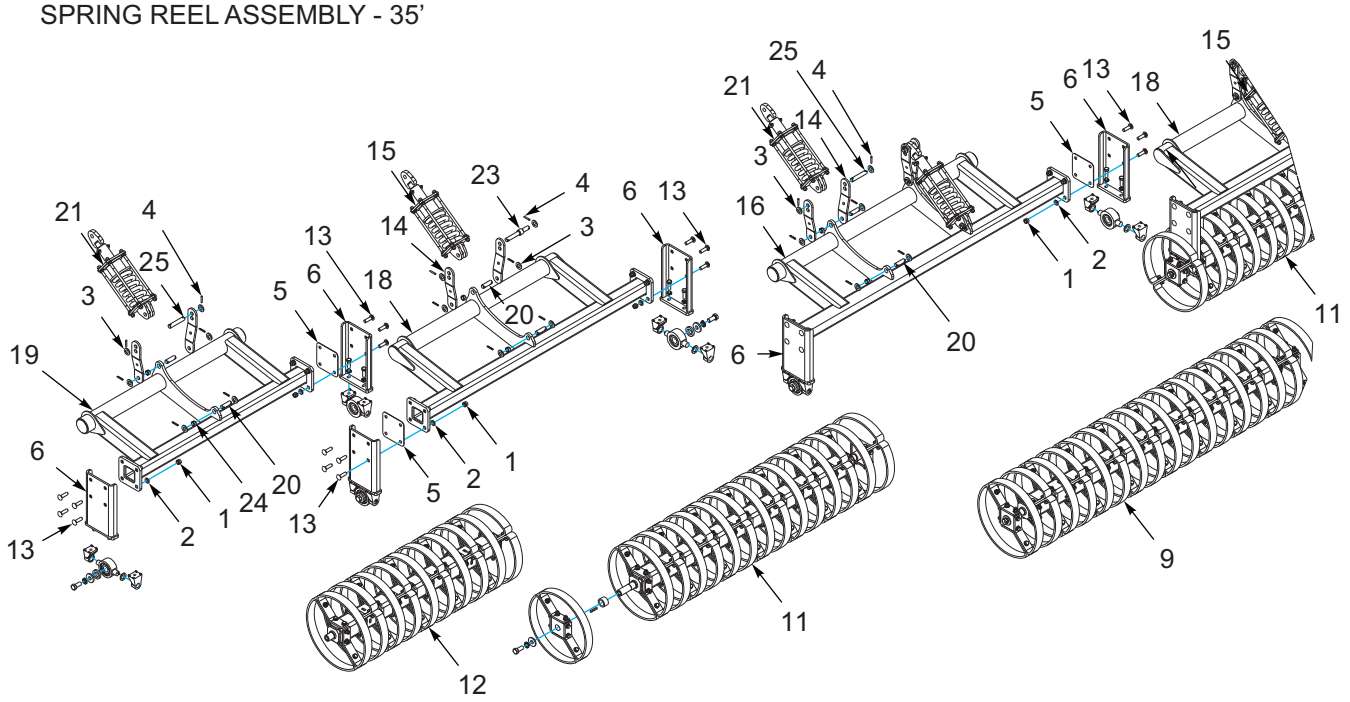


Figure 1-36: Spring Reel Vertical Standard Assemblies (AFTER 03/01/2018)(1 of 2)

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SPRING REEL ASSEMBLY - 35’



SPRING REEL ASSEMBLY - 40’

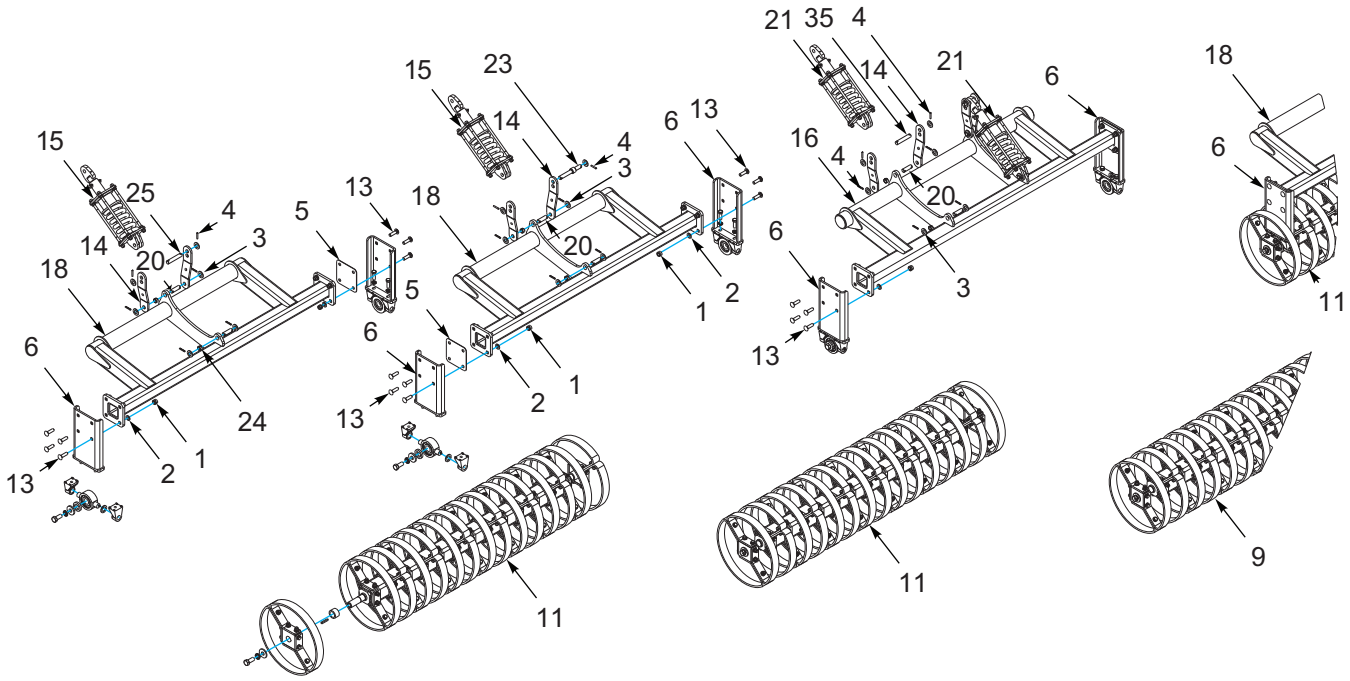


Figure 1-37: Spring Reel Vertical Standard Assemblies (AFTER 03/01/2018)(2 of 2)

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Spring Reel Vertical Standard Assembly (AFTER 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.			
			25’	30’	35’	40’
	198777	REEL SPRING ASSEMBLY, 7832- 25	*	--	--	--
	198778	REEL SPRING ASSEMBLY, 7832- 30	--	*	--	--
	198779	REEL SPRING ASSEMBLY, 7832- 35	--	--	*	--
	198780	REEL SPRING ASSEMBLY, 7832- 40	--	--	--	*
1	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	24	24	40	40
2	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	24	24	40	40
3	1-861-010032-24	WASHER FL 1IN NARROW ZP	24	24	36	36
4	147072	PIN, SPRING SLOTTED 5/16 X 2	24	24	36	36
5	187755	PLATE, SHIM 11 GA	3	3	5	5
6	191759	MOUNT, SPRING-REEL, ASSY	2	4	10	10
7	195225	EXTENSION SPRING REEL ASSY	2	2	--	--
8	195232	EXTENSION SPRING REEL ASSY	--	2	--	--
9	197345	REEL ASSY SPRING CENTER	3	1	1	1
10	197348	REEL ASSY SPRING 101"	--	2	--	--
11	197354	REEL ASSY SPRING INTERMED	--	--	2	4
12	197357	REEL-SPRING, 64-3/4 INCH ASSM	--	--	2	--
13	201250	SCREW, RD, HD, SQ NK,3/4-10X2-3/4	24	24	40	40
14	207537	LINK IDLER	8	8	12	12
15	207577	LINK-SPRING, K3400 ASSY	2	--	2	4
16	221955	ROCKSHAFT-REEL MOUNT, WLDMT	1	1	1	1
17	221956	ROCKSHAFT-REEL MOUNT, WLDMT	2	2	--	--
18	221957	ROCKSHAFT-REEL MOUNT, WLDMT	--	--	2	4
19	221958	ROCKSHAFT-REEL MOUNT, WLDMT	--	--	2	--
20	209162	PIN, 1 X 3-1/4, H2	8	8	12	12
21	209183	LINK-SPRING, K2700 ASSY	2	2	4	2
22	209184	LINK-SPRING, K4600 ASSY	--	2	--	--
23	209196	PIN, REEL CONTROL	1	1	1	1
24	3P079	SPRING BUSHING,1 X 1.25 X 0.75	8	8	12	12
25	5J768	PIN	3	3	5	5

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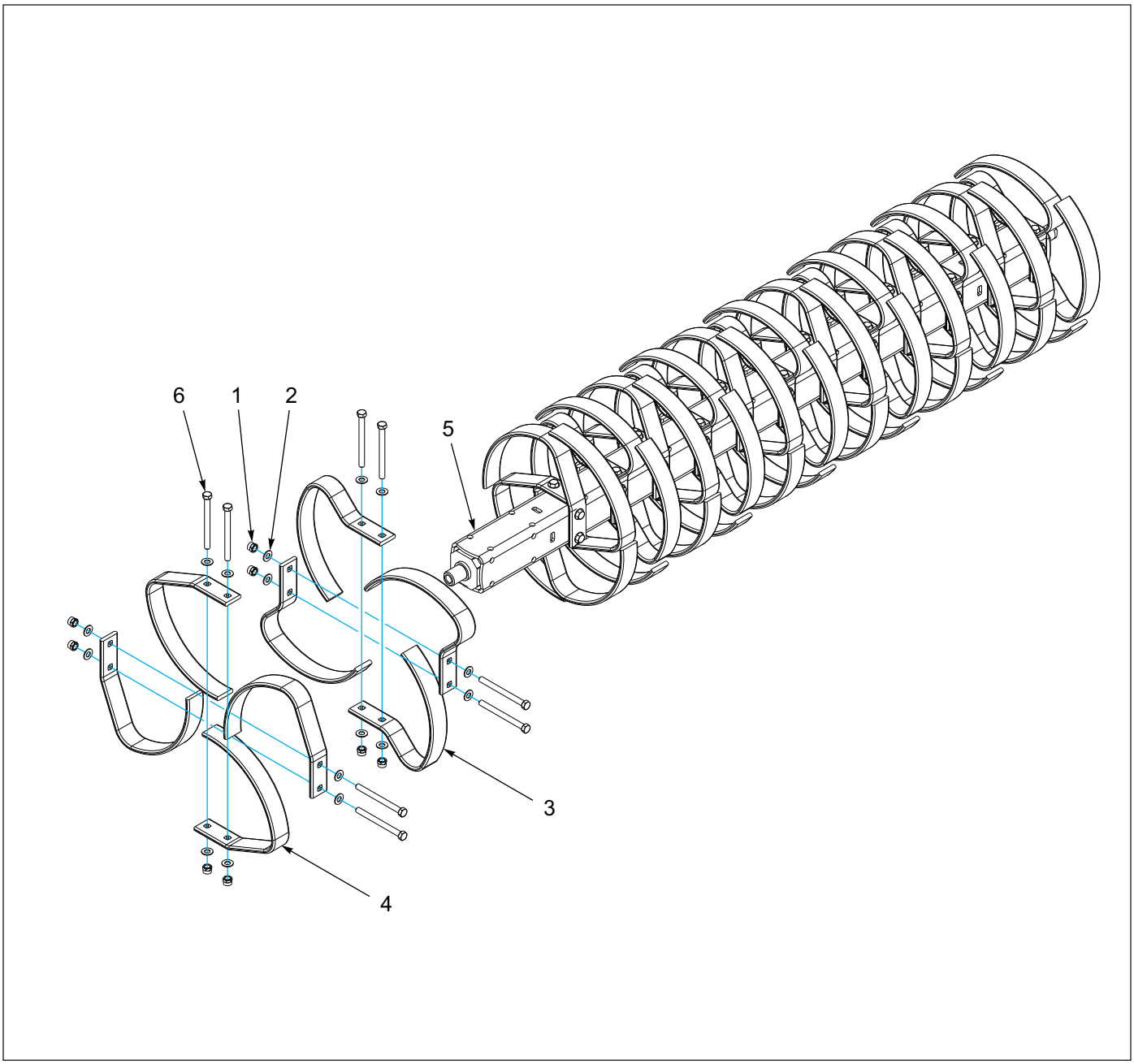


Figure 1-38: Spring Reel Assembly

Spring Reel Assembly

ITEM	PART NO.	DESCRIPTION		QTY.
	191765	REEL SPRING ASSEMBLY, 64-3/4”	*	--
	191762	REEL SPRING ASSEMBLY, 94-3/8”	--	*
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	40	56
2	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	80	112
3	195116	SPRING-REEL, HSL	20	28
4	195117	SPRING-REEL, HSL	20	28
5	191764	AXLE, SPRING REEL WELD	1	--
5	191761	AXLE, SPRING REEL WELD	--	1
6	209331	SCREW HX CP, 5/8-11UNCX7,GR5	40	56

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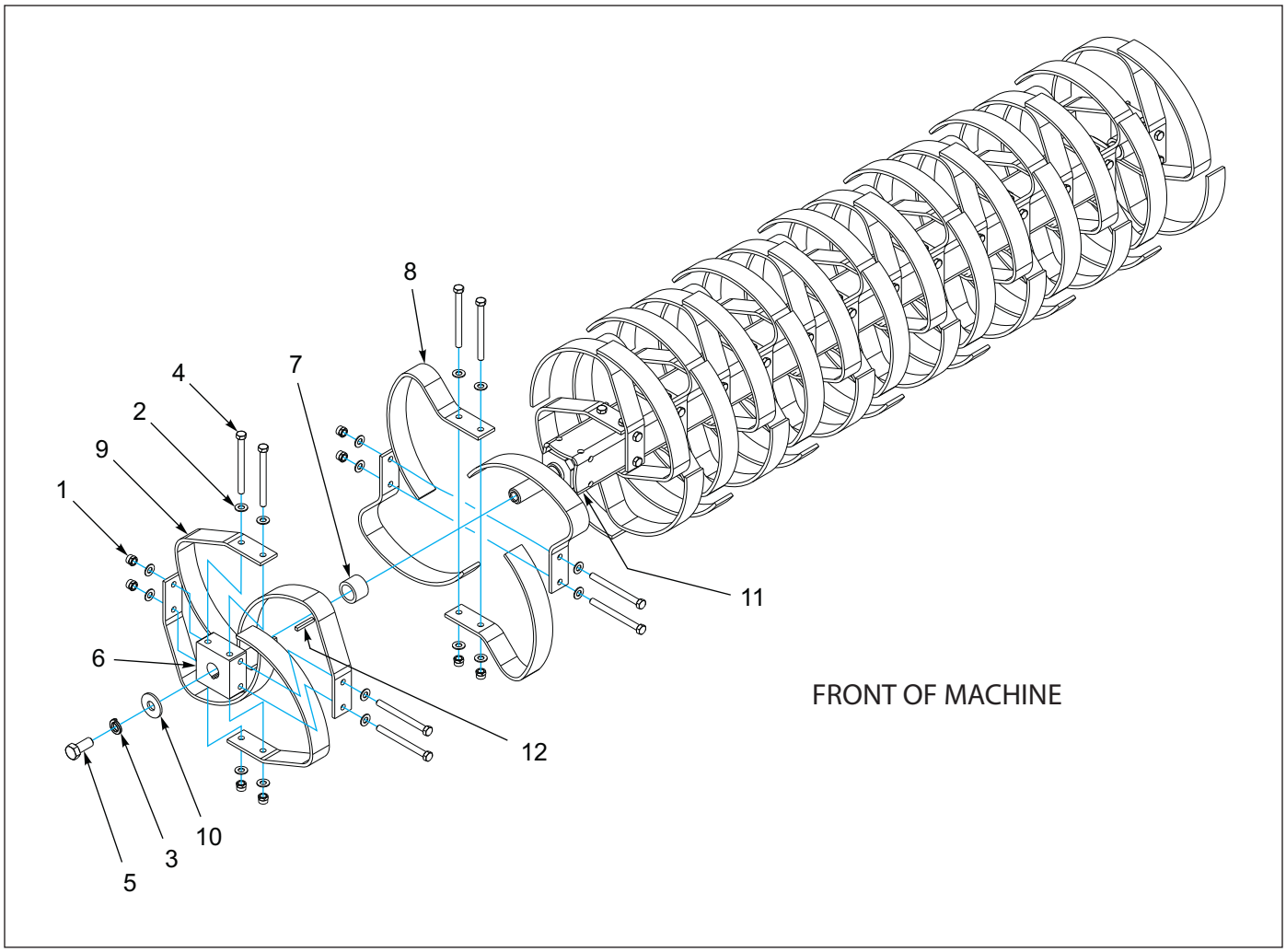


Figure 1-39: Spring Reel - Center & Intermed Assembly

Spring Reel - Center & Intermed Assembly

ITEM	PART NO.	DESCRIPTION	QTY.		
	193810	REEL SPRING INTERMED ASSEMBLY	*	--	--
	192504	REEL SPRING CENTER ASSEMBLY	--	*	--
	195210	REEL SPRING ASSEMBLY, 135-1/2”	--	--	*
1	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	60	68	84
2	1-861-010032-18	WASHER, FLAT 5/8 N ZP/CD	120	136	168
3	1-861-010034-21	WASHER, LKG, HEL SPRG 1IN	2	2	2
4	113064	SCREW HX CP, 5/8-11UNCX7,GR5	60	68	84
5	137943	SCREW, HEX 1-8 UNC X 2-1/4 GR6	2	2	2
6	191740	HUB-SPRING REEL	2	2	2
7	191742	BUSHING, 2-1/2X1-13/16X1-1/2	2	2	2
8	195116	SPRING-REEL, HSL	28	32	40
9	195117	SPRING-REEL, HSL	32	36	44
10	200804	WASHER, 2-3/4 X 1-1/16 X 1/4	2	2	2
11	193811	AXLE WLDMT SPRING REEL	1	--	--
11	192503	AXLE WLDMT SPRING REEL	--	1	--
11	195211	AXLE WLDMT SPRING REEL	--	--	1
12	110-4349	KEY SQUARE, 3/8 X 3/8 X 2-1/2 GR5	2	2	2

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NOTE: SNAP RING BEARING (140477) ORIENTED AWAY FROM CENTER OF REEL.
THE GREASE ZERK AND WASHER (140480) TO BE AT THE REAR OF MACHINE

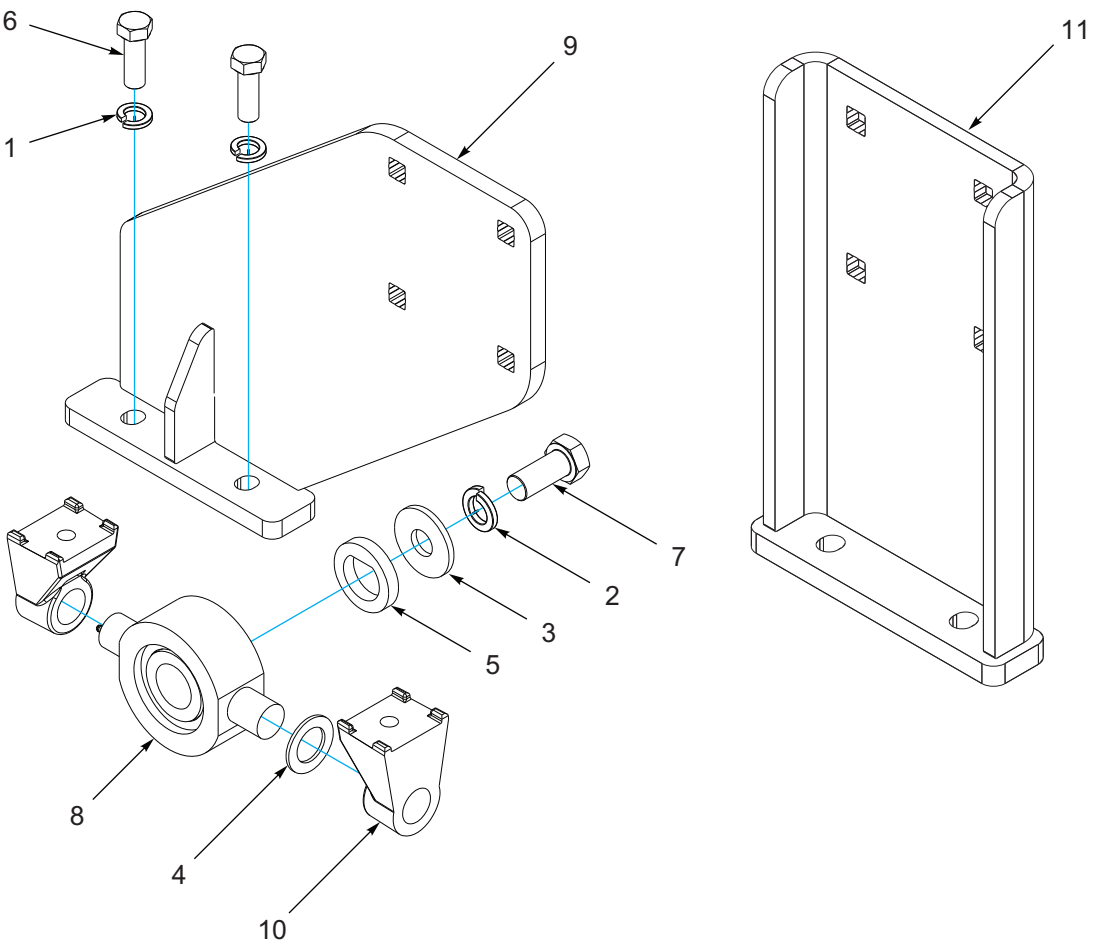


Figure 1-40: Spring Reel Mount Assembly

Spring Reel Mount Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	199901	MOUNT, SPRING REEL ASSEMBLY LH	--
	199902	MOUNT, SPRING REEL ASSEMBLY RH **(NOT SHOWN)**	--
1	1-861-010034-17	WASHER,LKG,HLCL SPR,3/4	2
2	1-861-010034-21	WASHER, LKG HEL SPRG 1IN	1
3	200804	WASHER, 2-3/4 X 1-1/16 X 1/4	1
4	140480	WASHER, TRUNNION	1
5	154186	WASHER FLAT TOP	1
6	100941	SCREW,HEXCAP,3/4-10X2-1/4G8ZP	2
7	137943	SCREW,HEX CAP 1-8UNCX2-1/4GR5	1
8	140477	BEARING, DISC 1.775 ID ASSY	1
9	199899	MOUNT WLDMT SPRING REEL LH **(USED W/ 199901*)**	1
9	199900	MOUNT WLDMT SPRING REEL RH **(USED W/ 199902**) (NOT SHOWN)**	1
10	140479	MOUNT, TRUNNION BEARING	2
11	188825	BRACKET-REEL MOUNT, WLDMT	1

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NOTE: SNAP RING BEARING (140477) ORIENTED AWAY FROM CENTER OF REEL.
THE GREASE ZERK AND WASHER (140480) TO BE AT THE REAR OF MACHINE.

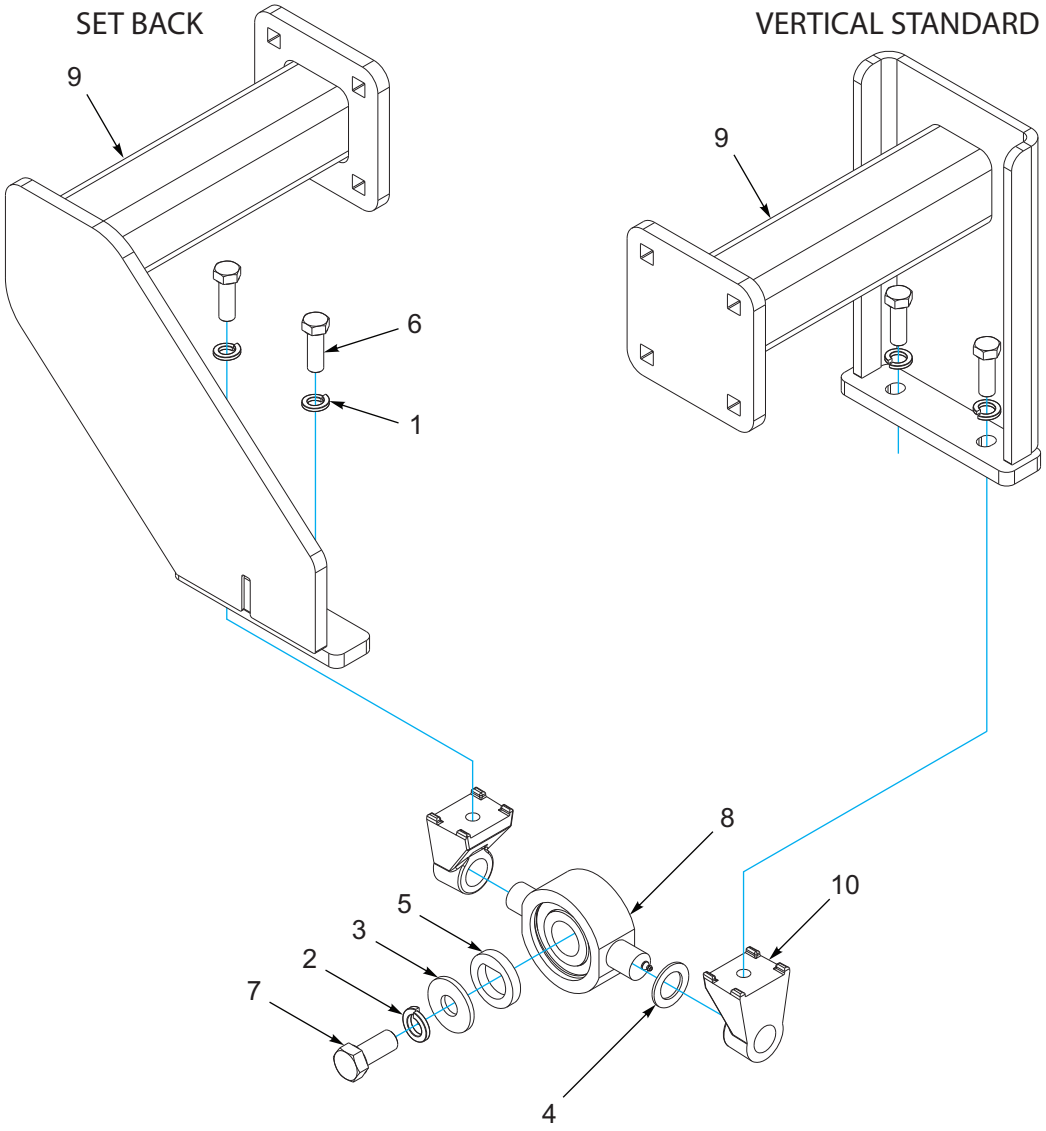


Figure 1-41: Spring Reel Extension Assembly

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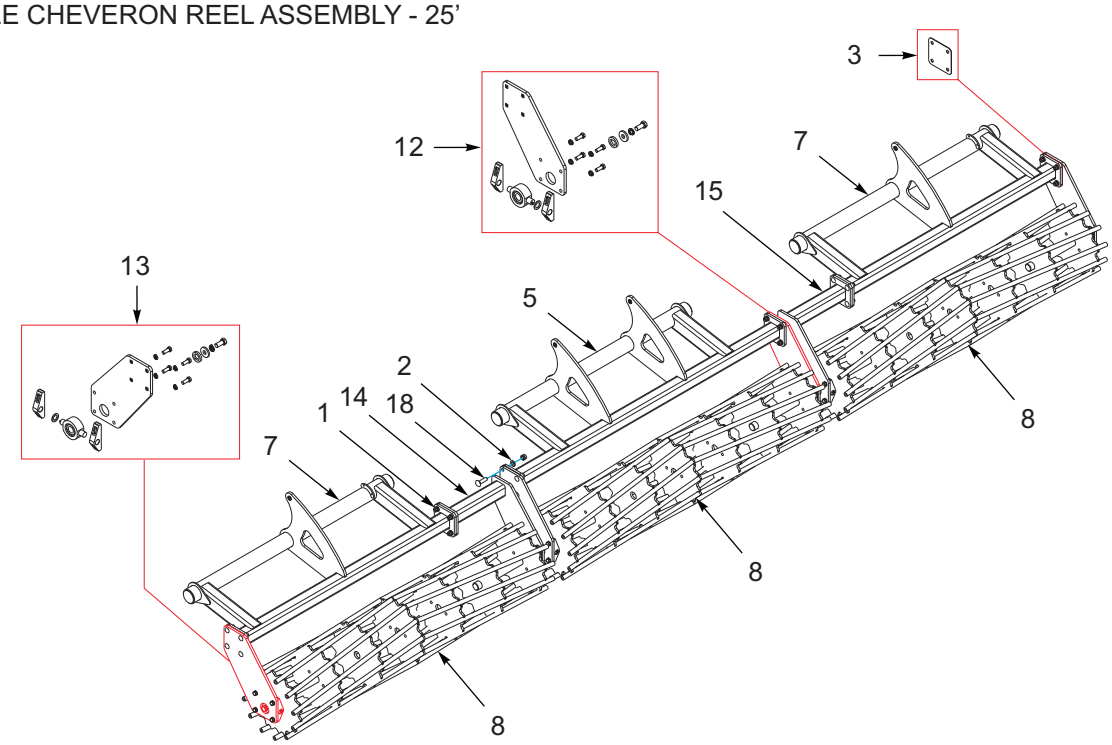
Spring Reel Extension Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	201232	EXTENSION ASSY SPRING REEL LH	--
	201235	EXTENSION ASSY SPRING REEL LH	--
	201231	EXTENSION ASSY SPRING REEL RH **(NOT SHOWN)**	--
	201236	EXTENSION ASSY SPRING REEL RH **(NOT SHOWN)**	--
1	1-861-010034-17	WASHER,LKG,HLCL SPR,3/4	2
2	1-861-010034-21	WASHER, LKG HEL SPRG 1IN	1
3	200804	WASHER, 2-3/4 X 1-1/16 X 1/4	1
4	140480	WASHER, TRUNNION	1
5	154186	WASHER FLAT TOP	1
6	100941	SCREW,HEXCAP,3/4-10X2-1/4G8ZP	2
7	137943	SCREW,HEX CAP 1-8UNCX2-1/4GR5	1
8	140477	BEARING, DISC 1.775 ID ASSY	1
9	195225	EXTENSION WLDMT SPRING REEL	1
9	195226	EXTENSION WLDMT SPRING REEL	1
9	195232	EXTENSION WLDMT SPRING REEL	1
9	195233	EXTENSION WLDMT SPRING REEL	1
9	201230	EXTENSION WLDMT SPRING REEL **(USED WITH 201232)**	1
9	201233	EXTENSION WLDMT SPRING REEL **(USED WITH 201235)**	1
9	201229	EXTENSION WLDMT SPRING REEL **(USED WITH 201231)**	1
9	201234	EXTENSION WLDMT SPRING REEL **(USED WITH 201236)**	1
10	140479	MOUNT, TRUNNION BEARING	2

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Single Chevron Reel Assemblies

SINGLE CHEVERON REEL ASSEMBLY - 25’



SINGLE CHEVERON REEL ASSEMBLY - 30’

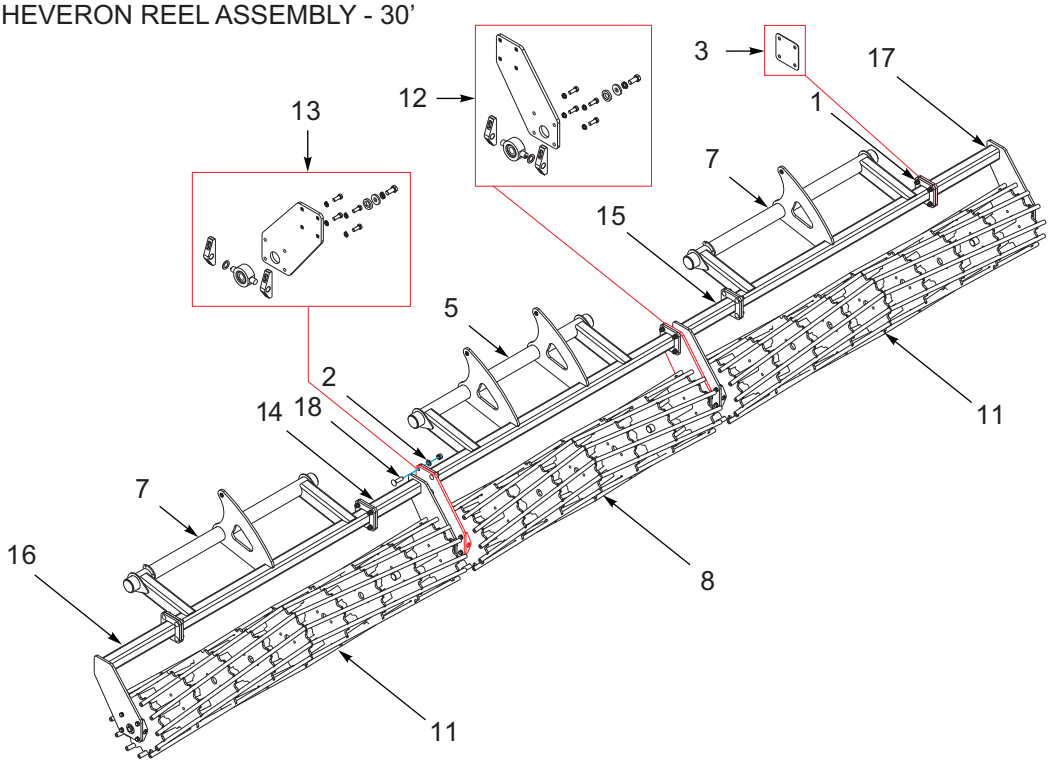
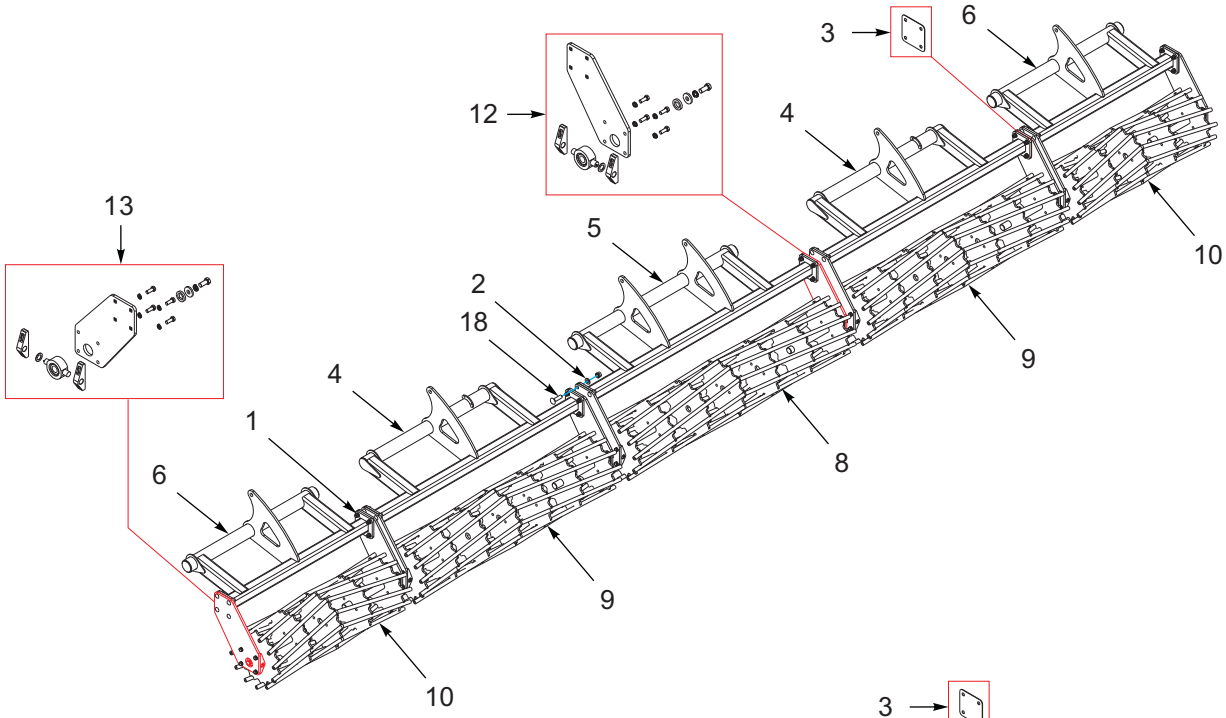


Figure 1-42: Single Chevron Reel Assembly (BEFORE 03/01/2018) (1 of 2)

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SINGLE CHEVERON REEL ASSEMBLY - 35’



SINGLE CHEVERON REEL ASSEMBLY - 40’

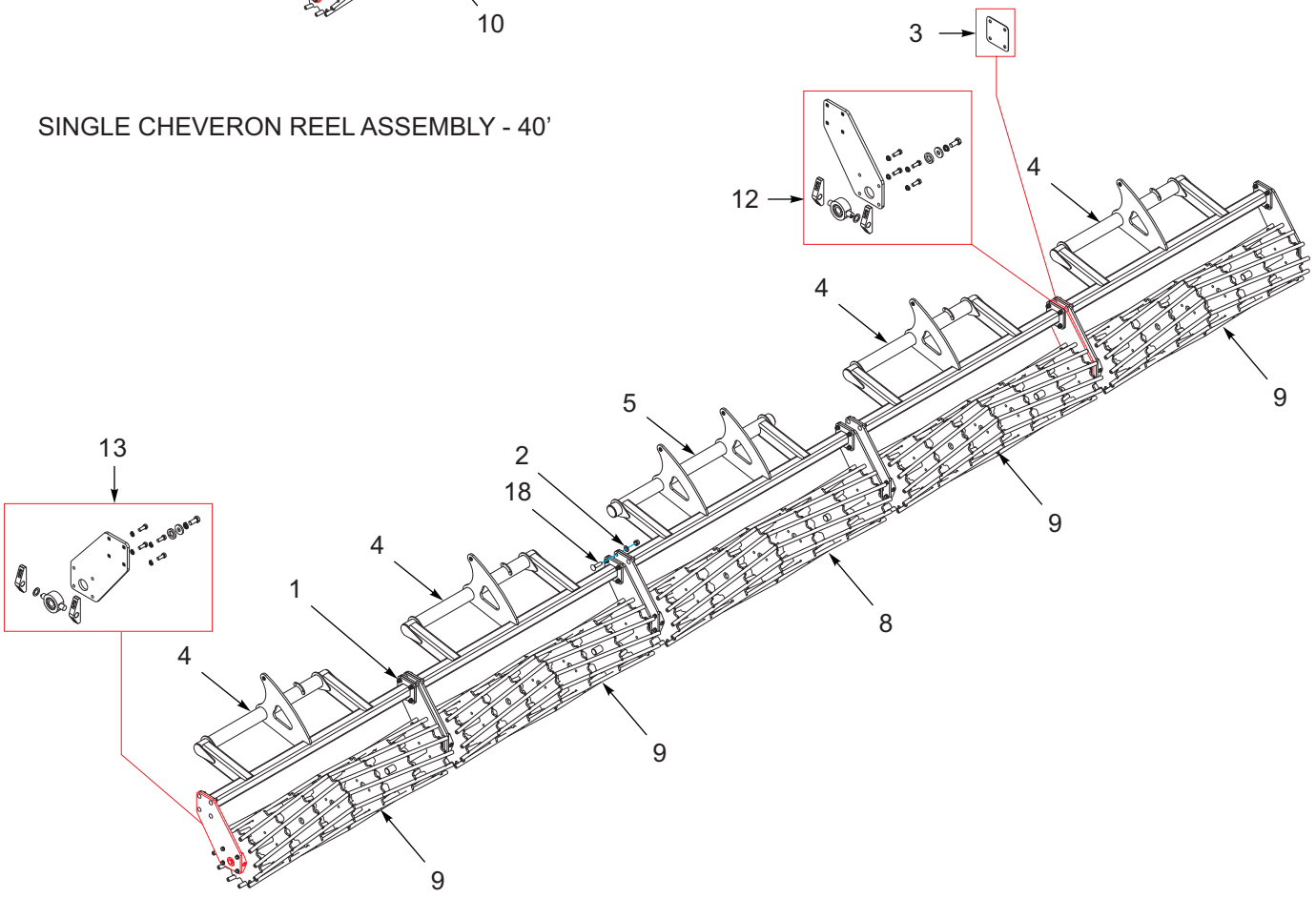


Figure 1-43: Single Chevron Reel Assembly (BEFORE 03/01/2018) (2 of 2)

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Single Chevron Reel Assembly (BEFORE 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.			
			25’	30’	35’	40’
	192111	REEL SINGLE ASSEMBLY, 7831-25	*	--	--	--
	192112	REEL SINGLE ASSEMBLY, 7831-30	--	*	--	--
	192113	REEL SINGLE ASSEMBLY, 7831-30	--	--	*	--
	192114	REEL SINGLE ASSEMBLY, 7831-40	--	--	--	*
1	1-512-010005-15	NUT, HEX SLFLKG, 3/4-10 UNC, GRB	24	24	40	40
2	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	24	24	40	40
3	187755	PLATE, SHIM 11 GA	3	3	5	5
4	191757	ROCKSHAFT, REEL MOUNT WELDMENT	--	--	2	4
5	192127	ROCKSHAFT, REEL MOUNT WELDMENT	1	1	1	1
6	192498	ROCKSHAFT, REEL MOUNT WELDMENT	--	--	2	--
7	192939	ROCKSHAFT, REEL MOUNT WELDMENT	2	2	--	--
8	192949	REEL, 21 X 104 WELD	3	1	1	1
9	192951	REEL, 21 X 94 WELD	--	--	2	4
10	192953	REEL, 21 X 65 WELD	--	--	2	--
11	193807	REEL, 21 X 134 WELD	--	2	--	--
12	199889	PLATE, REEL MOUNT ASSEMBLY LH **(SEE PAGE 1-114)**	2	1	2	5
13	199890	PLATE, REEL MOUNT ASSEMBLY RH	2	1	2	5
14	201241	EXTENSION-REEL MOUNT, ASSEMBLY **(SEE PAGE 1-116)**	1	1	--	--
15	201242	EXTENSION-REEL MOUNT, ASSEMBLY **(SEE PAGE 1-116)**	1	1	--	--
16	201247	EXTENSION-REEL MOUNT, ASSEMBLY	--	1	--	--
17	201248	EXTENSION-REEL MOUNT, ASSEMBLY	--	1	--	--
18	201250	SCREW,RD,HD,SQ NK,3/4-10X2-3/4	24	24	40	40

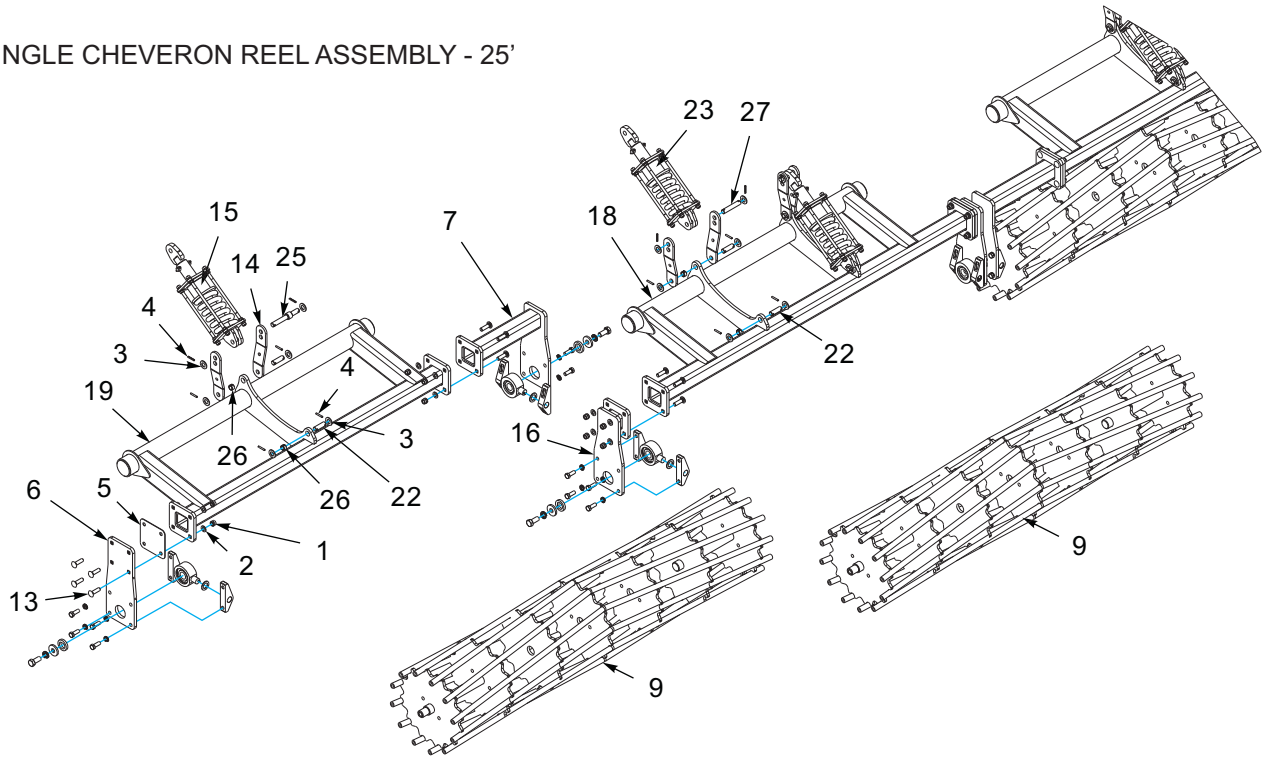
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SINGLE CHEVERON REEL ASSEMBLY - 25’



SINGLE CHEVERON REEL ASSEMBLY - 30’

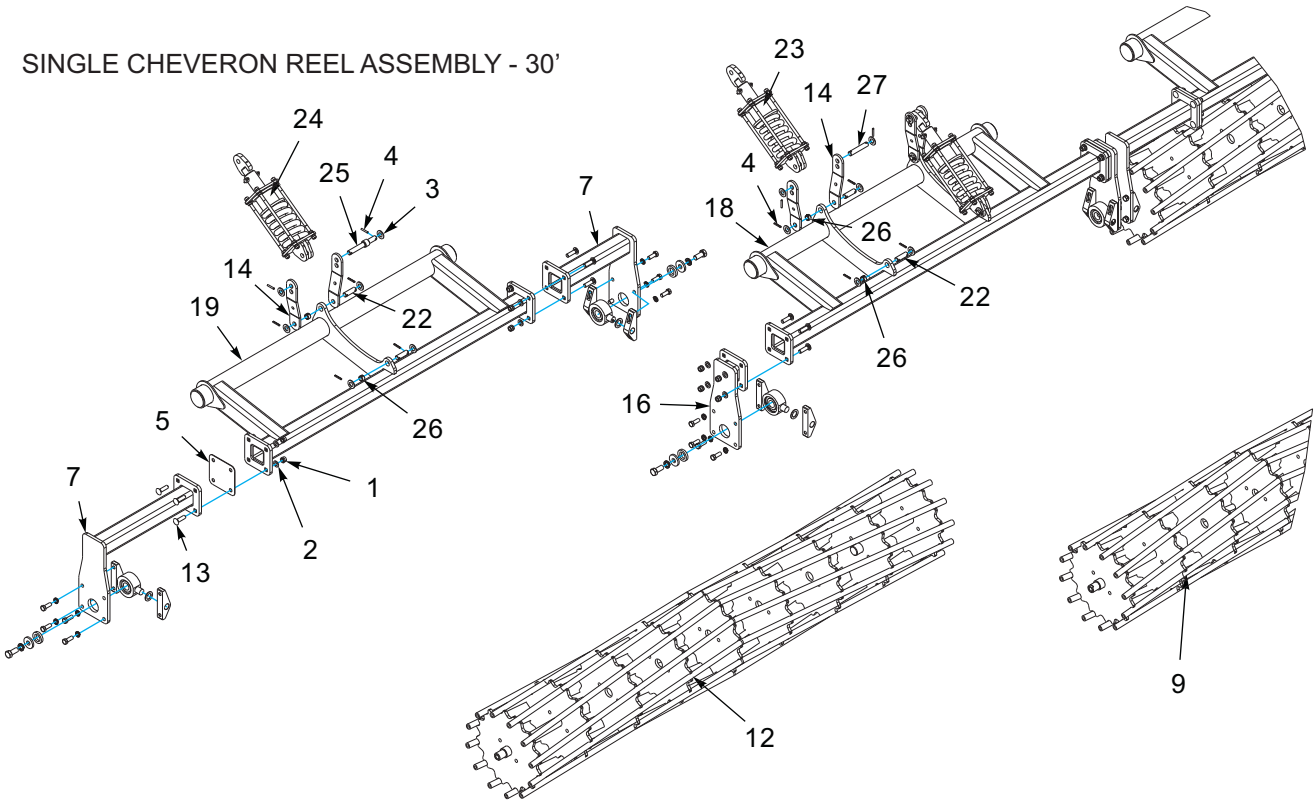


Figure 1-44: Single Chevron Reel Assembly (AFTER 03/01/2018) (1 of 2)

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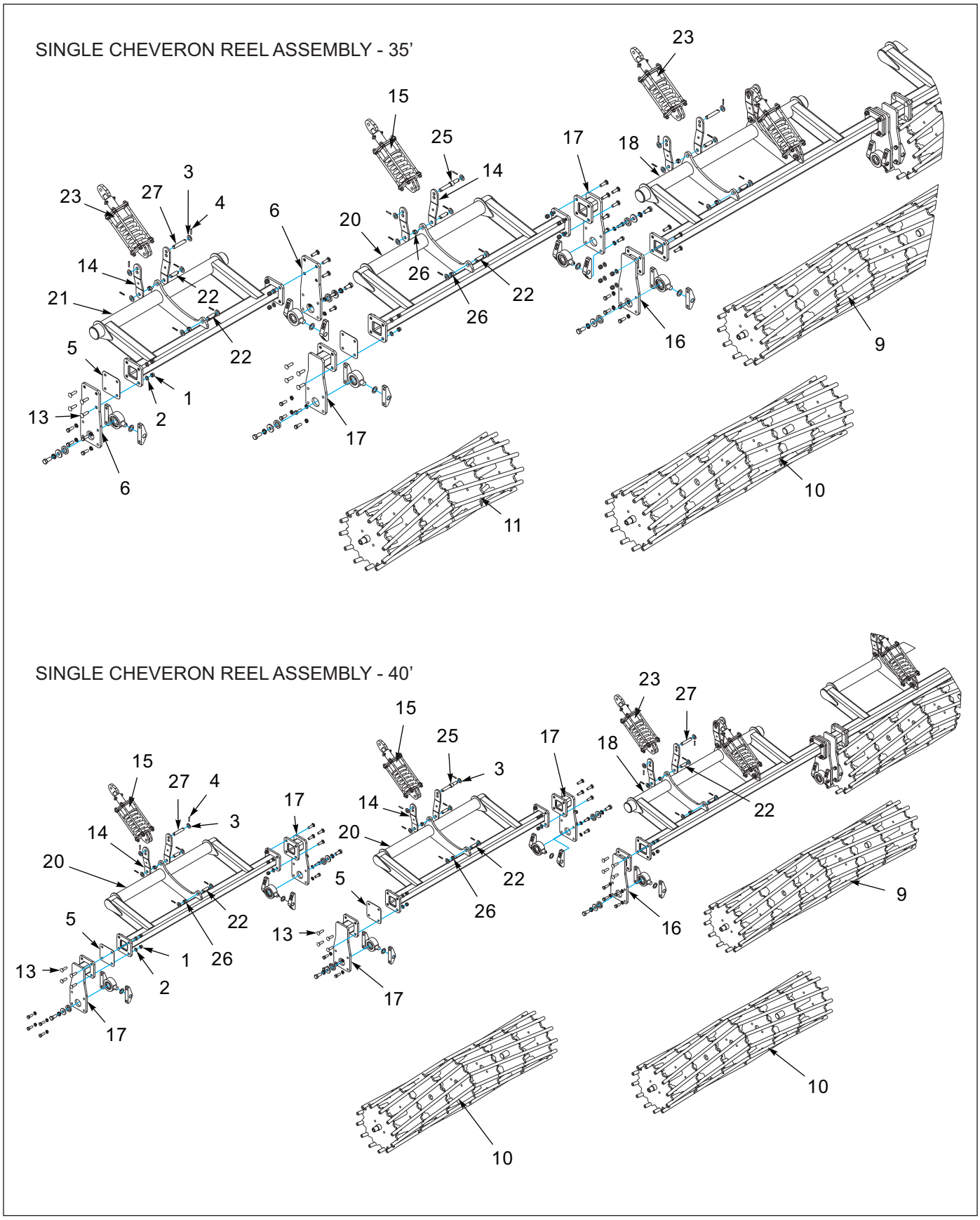


Figure 1-45: Single Chevron Reel Assembly (AFTER 03/01/2018) (2 of 2)

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Single Chevron Reel Assembly (AFTER 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.			
			25’	30’	35’	40’
	192111	REEL SINGLE ASSEMBLY, 7831 - 25	*	--	--	--
	192112	REEL SINGLE ASSEMBLY, 7831 - 30	--	*	--	--
	192113	REEL SINGLE ASSEMBLY, 7831 - 35	--	--	*	--
	192114	REEL SINGLE ASSEMBLY, 7831 - 40	--	--	--	*
1	1-512-010005-15	NUT, HEX SLFLKG, 3/4-10 UNC, GRB	24	24	40	40
2	1-861-010032-20	WASHER, FLAT, 3/4 NARROW ZP/CD	24	24	40	40
3	1-861-010032-24	WASHER, FLAT, 1IN NARROW ZP	24	24	36	36
4	147072	PIN, SPRING SLOTTED 5/16 X 2	24	24	36	36
5	187755	PLATE, SHIM 11 GA	3	3	5	5
6	191752	PLATE-REEL MOUNT, ASSEMBLY	2	--	4	--
7	192106	EXTENSION-REEL MOUNT,ASSEMBLY	2	2	--	--
8	192109	EXTENSION-REEL MOUNT, ASSEMBLY	--	2	--	--
9	192949	REEL, 21 X 104 INCH, WLDMT	3	1	1	1
10	192951	REEL, 21 X 94 INCH, WLDMT	--	--	2	4
11	192953	REEL, 21 X 65 INCH, WLDMT	--	--	2	--
12	193807	REEL, 21 X 134 INCH, WLDMT	--	2	--	--
13	201250	SCREW,RD,HD,SQ NK,3/4-10X2-3/4	24	24	40	40
14	207537	LINK IDLER	8	8	12	12
15	207577	LINK-SPRING, K3400 ASSY	2	--	2	4
16	208644	EXTENSION-REEL MOUNT, ASSEMBLY	2	2	2	2
17	208647	EXTENSION-REEL MOUNT, ASSEMBLY	--	--	4	8
18	221955	ROCKSHAFT-REEL MOUNT, WLDMT	1	1	1	1
19	221956	ROCKSHAFT-REEL MOUNT, WLDMT	2	2	--	--
20	221957	ROCKSHAFT-REEL MOUNT, WLDMT	--	--	2	4
21	221958	ROCKSHAFT-REEL MOUNT, WLDMT	--	--	2	--
22	209162	PIN, 1 X 3-1/4, H2	8	8	12	12
23	209183	LINK-SPRING, K2700 ASSY	2	2	4	2
24	209184	LINK-SPRING, K4600 ASSY	--	2	--	--
25	209196	PIN-REEL CONTROL	1	1	1	1
26	3P079	SPRING BUSHING,1 X 1.25 X 0.75	8	8	12	12
27	5J768	PIN	3	3	5	5

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Rubber Roller Assemblies

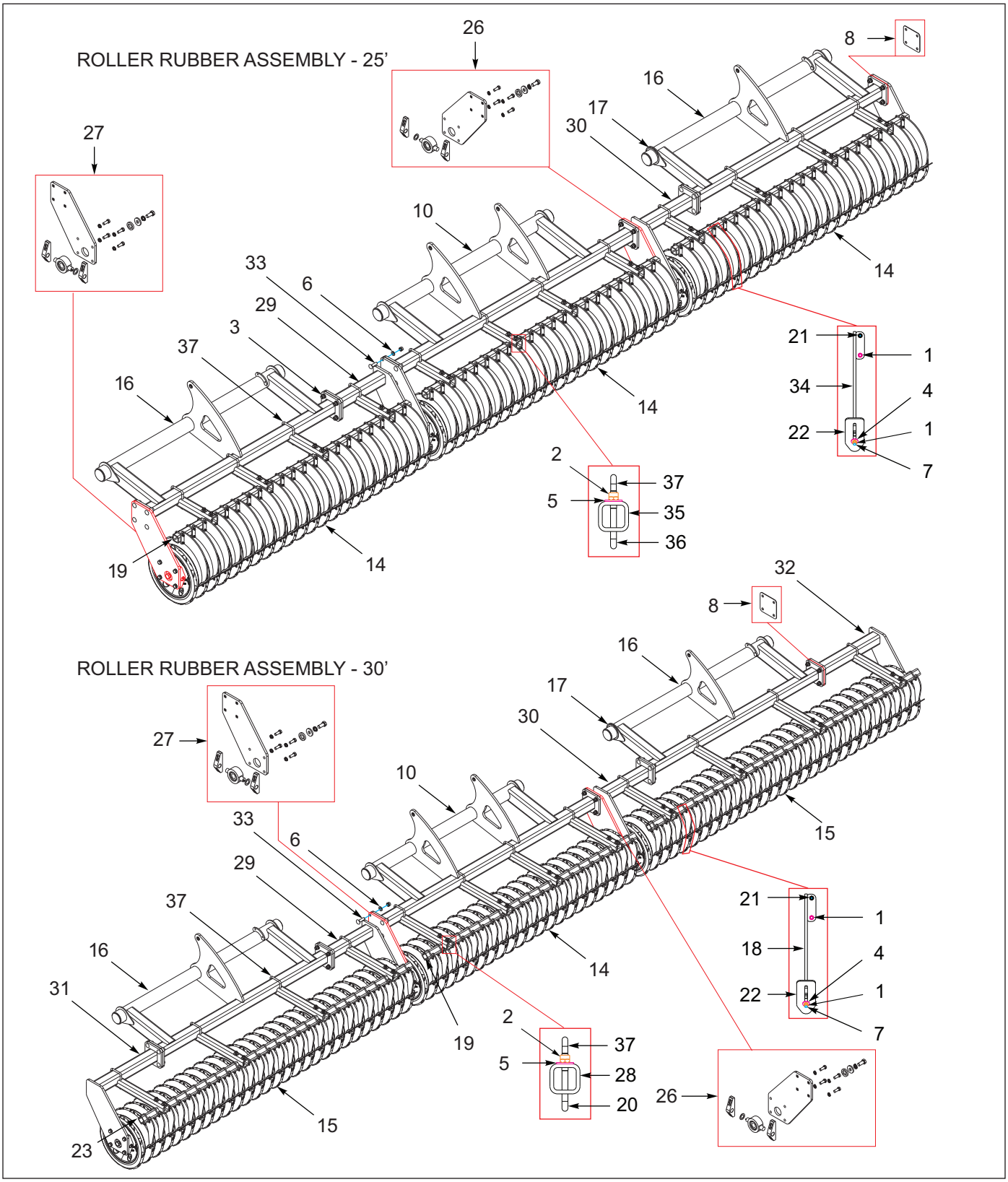


Figure 1-46: Roller Rubber Assemblies (BEFORE 03/01/2018)(1 of 2)

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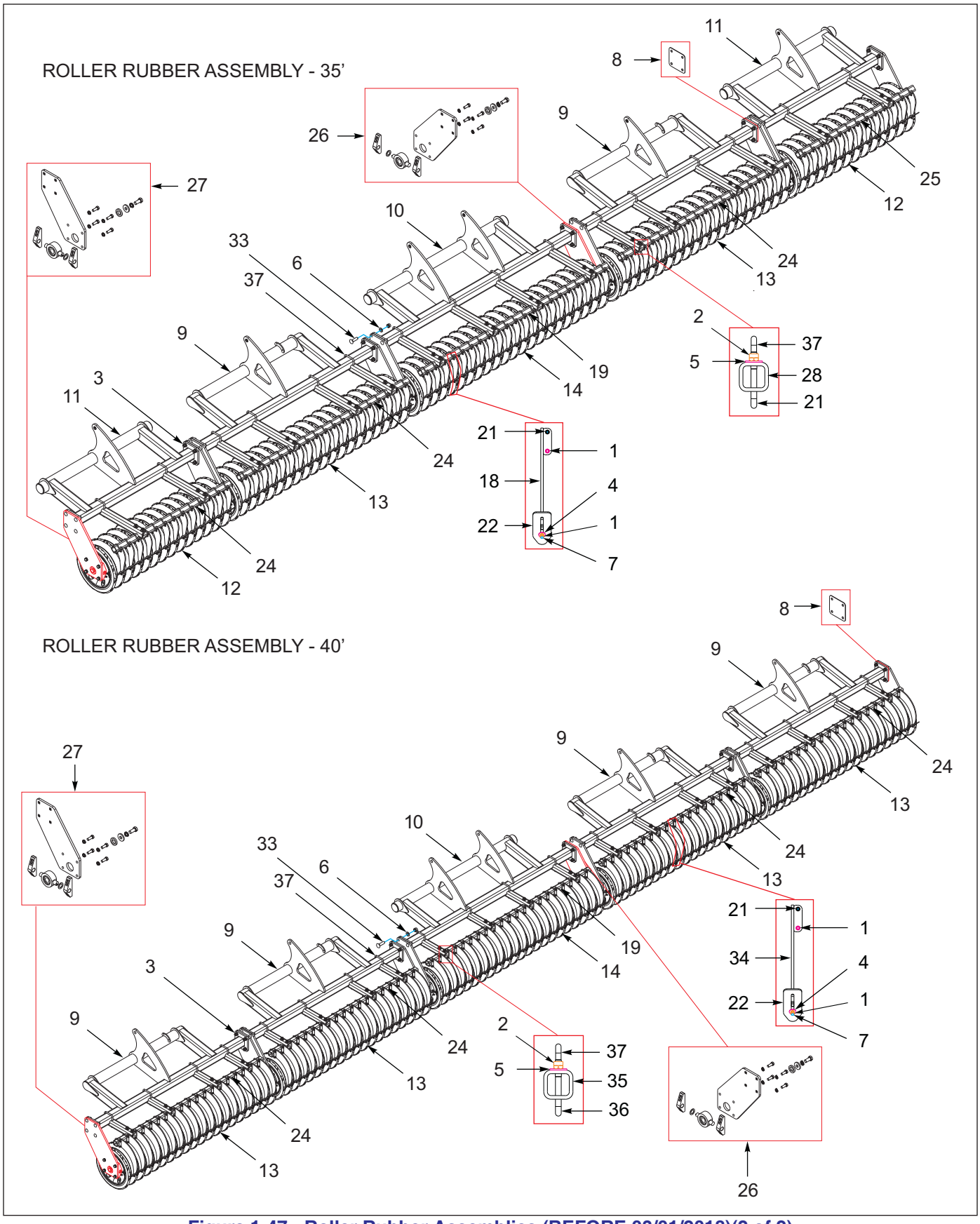


Figure 1-47: Roller Rubber Assemblies (BEFORE 03/01/2018)(2 of 2)

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Rubber Roller Assemblies (BEFORE 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.			
			25’	30’	35’	40’
	191129	ROLLER, RUBBER ASSEMBLY, 25	*	--	--	--
	191134	ROLLER, RUBBER ASSEMBLY, 30	--	*	--	--
	191139	ROLLER, RUBBER ASSEMBLY, 35	--	--	*	--
	191144	ROLLER, RUBBER ASSEMBLY, 40	--	--	--	*
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	189	225	255	291
2	1-512-010005-13	NUT, HEX, SLFLKG GRB 5/8-11	48	48	64	80
3	1-512-010005-15	NUT, HEX, SLFLKG GRB 3/4-10	24	24	40	40
4	1-861-010032-11	WASHER, FLAT 3/8 W ZP/CD	63	75	85	97
5	1-861-010032-19	WASHER, FLAT 5/8 W ZP/CD	24	24	32	40
6	1-861-010032-20	WASHER, FLAT,3/4 N ZP/CD	24	24	40	40
7	101864	SCREW,RD HD 3/8-16X1-1/4 GR5	63	75	85	97
8	187755	PLATE SHIM 11 GA	4	4	6	6
9	191757	ROCKSHAFT WLDMT REEL MOUNT	--	--	2	4
10	192127	ROCKSHAFT WLDMT REEL MOUNT	1	1	1	1
11	192498	ROCKSHAFT WLDMT REEL MOUNT	--	--	2	--
12	192583	ROLLER ASM RBR 65 5/32”	--	--	2	--
13	192584	ROLLER ASM RBR 94 5/8”	--	--	2	4
14	192585	ROLLER ASM RBR 104 1/2”	3	1	1	1
15	192586	ROLLER ASM RBR 134”	--	2	--	--
16	192939	ROCKSHAFT WLDMT REEL MOUNT	2	2	--	--
17	195066	WASHER-SHIM, ROCKSHAFT	2	2	--	--
18	199430	SCRAPER MOUNT WLDM	--	75	85	--
19	199434	TUBE SQ 2-1/2 X 1/4X 103-3/16	3	1	1	1
20	199435	U-BOLT, 5/8-11,2-1/2SQ DIAMOND	--	12	16	--
21	199436	U-BOLT, 3/8-16X2-7/8X3-1/2,ZP	63	75	85	97
22	199437	PLATE-SCRAPER	63	75	85	97
23	199440	TUBE SQ 2-1/2 X1/4X 132-11/16	--	2	--	--
24	199441	TUBE SQ 2-1/2 X1/4X 93-1/4	--	--	2	4
25	199442	TUBE SQ 2-1/2 X1/4X 63-3/4	--	--	2	--
26	199889	PLATE-REEL MOUNT, RH, ASSEMBLY **(SEE PAGE 1-114)**	2	1	5	5
27	199890	PLATE-REEL MOUNT, LH, ASSEMBLY	2	1	5	5
28	199909	TUBE SCRAPER MOUNT	--	12	16	--
29	201241	EXTENSION-REEL MOUNT, ASSEMBLY **(SEE PAGE 1-116)**	1	1	--	--
30	201242	EXTENSION-REEL MOUNT, ASSEMBLY **(SEE PAGE 1-116)**	1	1	--	--
31	201247	EXTENSION-REEL MOUNT, ASSEMBLY	--	1	--	--
32	201248	EXTENSION-REEL MOUNT, ASSEMBLY	--	1	--	--
33	201250	SCREW,RD,HD,SQ NK,3/4-10X2-3/4	24	24	40	40
34	201272	MOUNT WLDMT SCRAPER	63	75	85	97
35	201273	TUBE-SCRAPER MOUNT	12	12	16	20
36	201274	U-BOLT, 5/8-11 X 3-3/16X5-3/16	12	12	16	20
37	3P011	U-BOLT, 5/8-11X4-11/16X6,ZP	12	12	16	20

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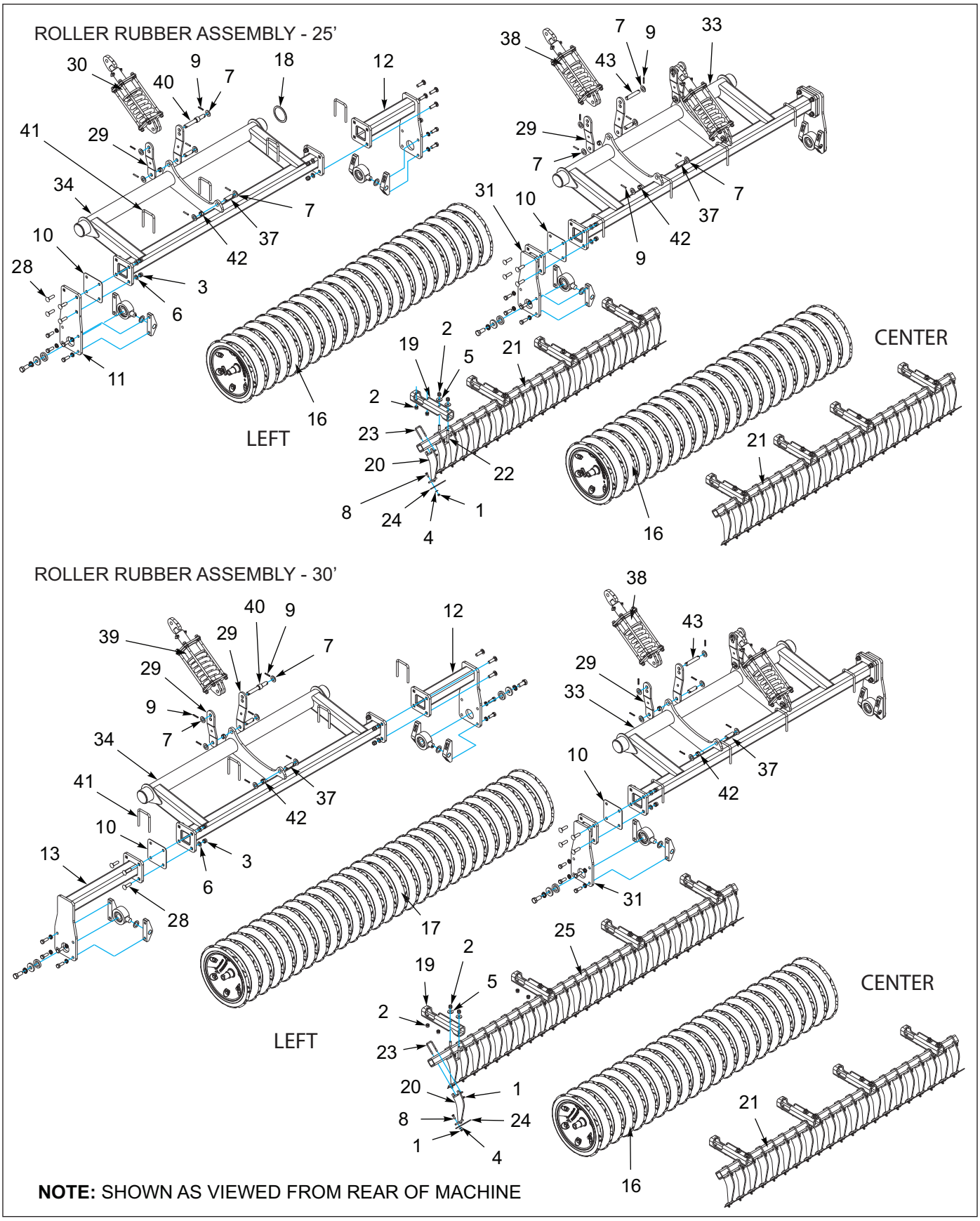
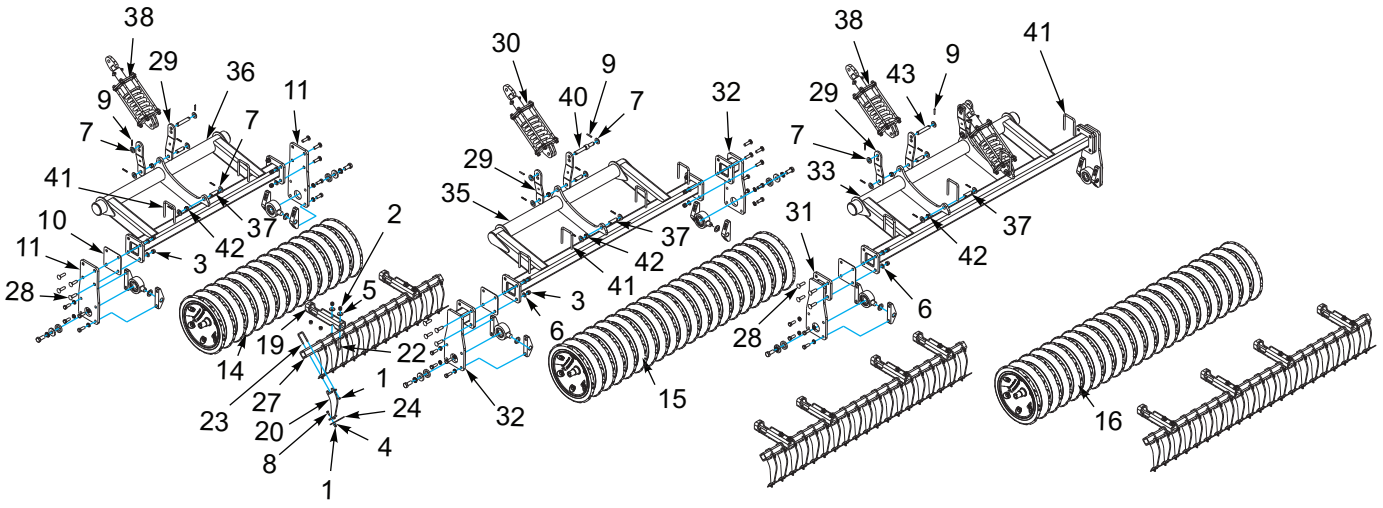


Figure 1-48: Roller Rubber Assemblies (AFTER 03/01/2018)(1 of 2)

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ROLLER RUBBER ASSEMBLY - 35’



ROLLER RUBBER ASSEMBLY - 40’

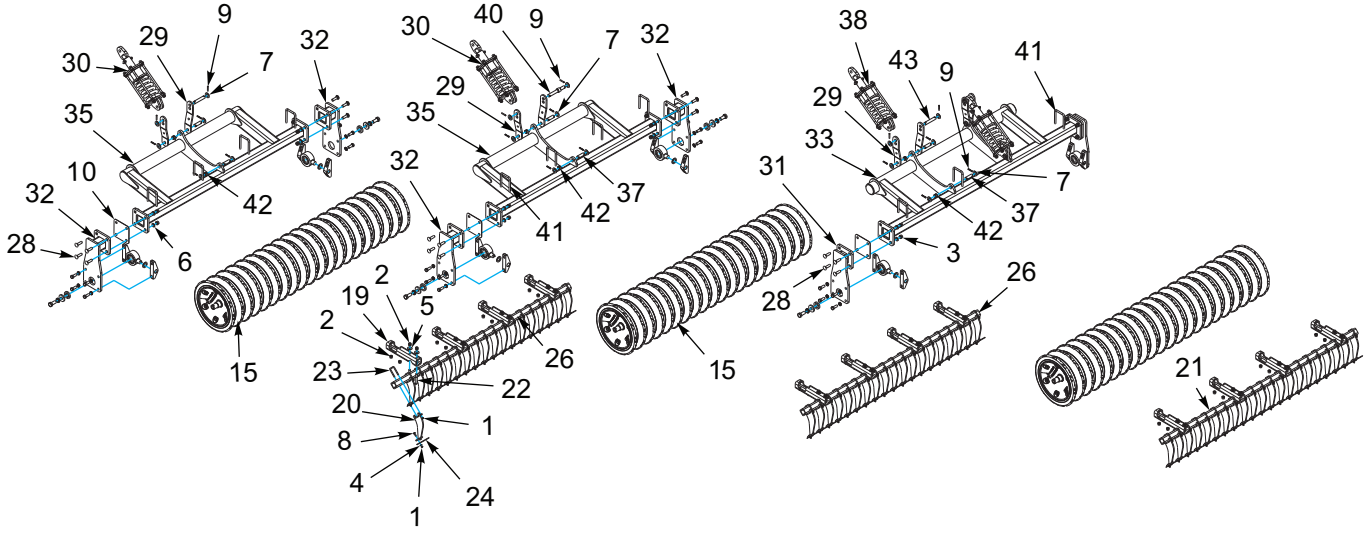


Figure 1-49: Roller Rubber Assemblies (AFTER 03/01/2018)(2 of 2)

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Rubber Roller Assemblies (AFTER 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.			
			25’	30’	35’	40’
	191129	ROLLER, RUBBER ASSEMBLY, 25	*	--	--	--
	191134	ROLLER, RUBBER ASSEMBLY, 30	--	*	--	--
	191139	ROLLER, RUBBER ASSEMBLY, 35	--	--	*	--
	191144	ROLLER, RUBBER ASSEMBLY, 40	--	--	--	*
1	1-512-010005-05	NUT, HEX, SLFLKG GRB 3/8-16	189	225	255	291
2	1-512-010005-13	NUT,HEX SLFLKG GRB 5/8-11	48	48	64	80
3	1-512-010005-15	NUT,HEX,SLFLKG GRB 3/4-10	24	24	40	40
4	1-861-010032-11	WASHER, FLAT, 3/8W ZP/CD	63	75	85	97
5	1-861-010032-18	WASHER, FLAT, 5/8W ZP/CD	48	48	62	80
6	1-861-010032-20	WASHER, FLAT, 3/4N ZP/CD	24	24	40	40
7	1-861-010032-24	WASHER, FLAT, 1IN NRW ZP	24	24	36	36
8	101864	SCREW,RD HD 3/8-16X1-1/4 GR5	63	75	85	97
9	147072	PIN, SPRING SLOTTED 5/16 X 2	24	24	36	36
10	187755	PLATE SHIM 11 GA	3	3	6	5
11	191752	PLATE-REEL MOUNT, ASSEMBLY **(SEE PAGE 1-115)**	2	--	4	--
12	192106	EXTENSION-REEL MOUNT, ASSEMBLY	2	2	--	
13	192109	EXTENSION-REEL MOUNT, ASSEMBLY	--	2	--	--
14	192583	ROLLER ASM RBR 65 5/32”	--	--	2	--
15	192584	ROLLER ASM RBR 94 5/8”	--	--	2	4
16	192585	ROLLER ASM RBR 104 1/2”	3	1	1	1
17	192586	ROLLER ASM RBR 134”	--	2	--	--
18	195066	WASHER-SHIM, ROCKSHAFT	2	2	--	--
19	217966	TUBE-SCRAPER MOUNT	12	12	16	20
20	217967	MOUNT-SCRAPER, WLDMT	63	75	85	97
21	199434	TUBE SQ 2-1/2 X 1/4X 103-3/16	3	1	1	1
22	201274	U-BOLT, 5/8-11 X 3-3/16X5-3/16	12	12	16	20
23	199436	LOCATOR FOR STUDS	63	75	85	97
24	199437	PLATE-SCRAPER	63	75	85	97
25	199440	TUBE SQ 2-1/2 X1/4X 132-11/16	--	2	--	--
26	199441	TUBE SQ 2-1/2 X1/4X 93-1/4	--	--	2	4
27	199442	TUBE SQ 2-1/2 X1/4X 63-3/4	--	--	2	--
28	201250	SCREW,RD,HD,SQ NK,3/4-10X2-3/4	24	24	40	40
29	207537	LINK IDLER	8	8	12	12
30	207577	LINK-SPRING, K3400 ASSY	2	--	2	4
31	208644	EXTENSION-REEL MOUNT, ASSEMBLY	2	2	2	2
32	208647	EXTENSION-REEL MOUNT, ASSEMBLY	--	--	4	8
33	221955	ROCKSHAFT-REEL MOUNT, WLDMT	1	1	1	1
34	221956	ROCKSHAFT-REEL MOUNT, WLDMT	2	2	--	--
35	221957	ROCKSHAFT-REEL MOUNT, WLDMT	--	--	2	4
36	221958	ROCKSHAFT-REEL MOUNT, WLDMT	--	--	2	--
37	209162	PIN, 1 X 3-1/4, H2	8	8	12	12
38	209183	LINK-SPRING, K2700 ASSY	2	2	4	2
39	209184	LINK-SPRING, K4600 ASSY	--	2	--	--
40	209196	PIN-REEL CONTROL	1	1	1	1
41	3P011	U-BOLT, 5/8-11X 4-11/16X6,ZP	12	12	16	20
42	3P079	SPRING BUSHING,1 X 1.25 X 0.75	8	8	12	12
43	5J768	PIN	3	3	5	5

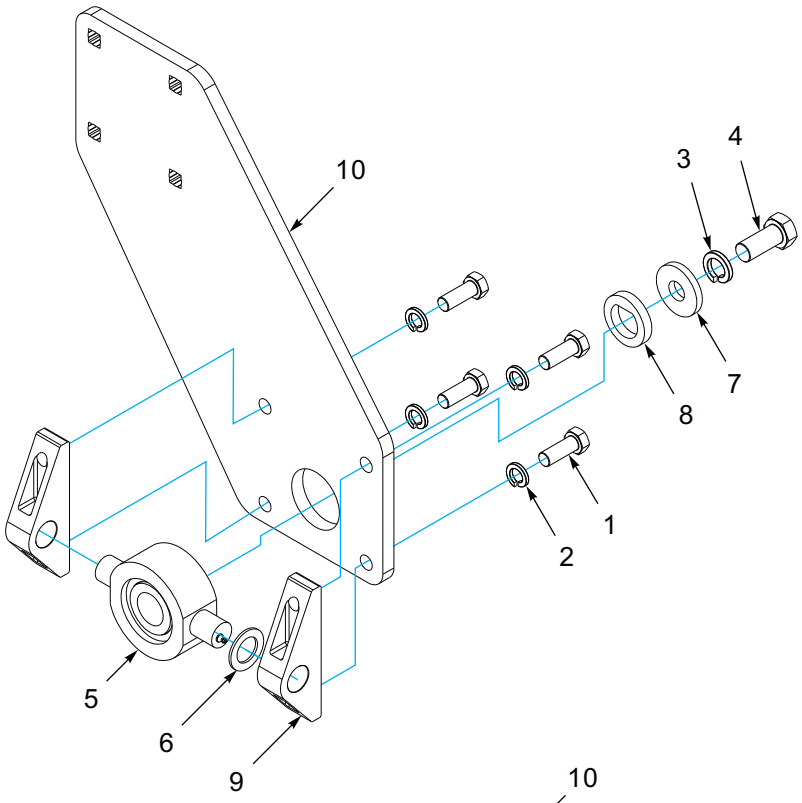
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Table provided for general use.

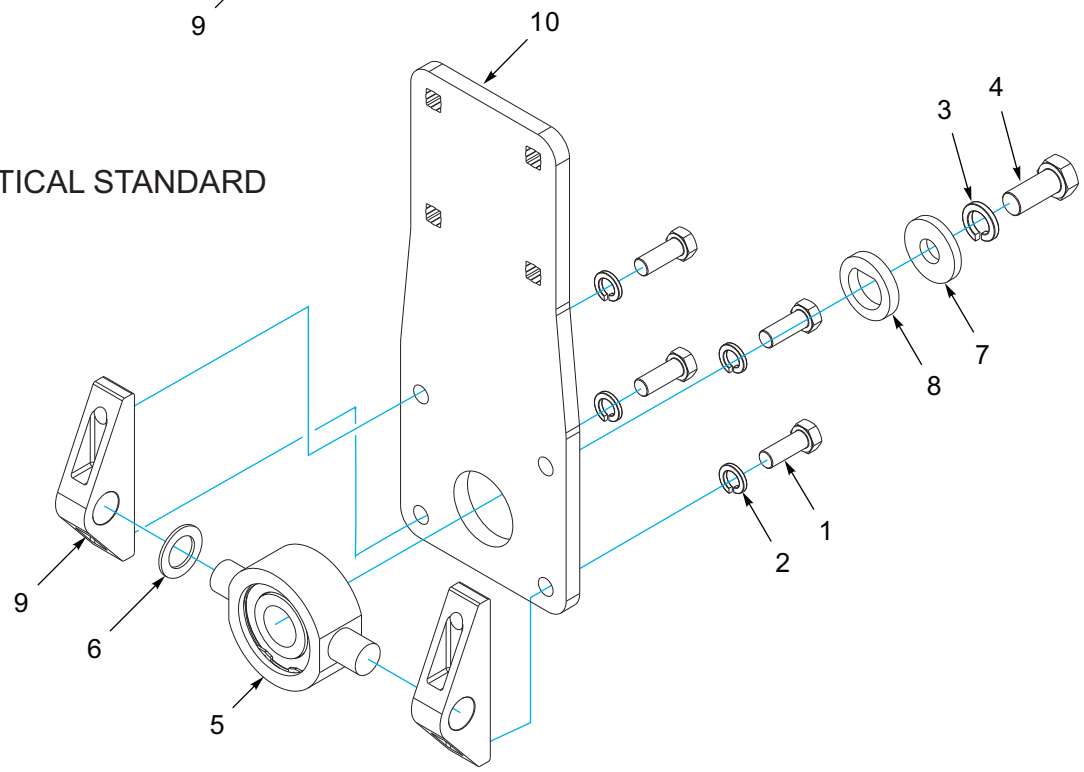
NOTES:

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SET BACK



VERTICAL STANDARD



NOTE: SNAP RIGHT TO THE OUTSIDE

Figure 1-50: Reel Mount Plate Assembly

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Reel Mount Plate Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	191752	PLATE, REEL MOUNT ASSEMBLY	--
	199889	PLATE, REEL MOUNT ASSEMBLY RH	--
	199890	PLATE, REEL MOUNT ASSEMBLY LH **(NOT SHOWN)**	--
1	1-654-010061-05	SCREW, HEX 3/4-10 UNC X 2 GR5	4
2	1-861-010034-17	WASHER, LKG HLCL SPR, 3/4	4
3	1-861-010034-21	WASHER, LKG HCSL SPR, 1	1
4	137943	SCREW, HEX 1-8 UNC X 2-1/4 GR8	1
5	140477	BEARING, DISC 1.775 ID, ASSY **(POSITION TO BACKSIDE OF BEARING)**	1
6	140480	WASHER, TRUNNION **(POSITIONED TO REAR OF MACHINE)**	1
7	154185	WASHER, 3/8	1
8	154186	WASHER, FLAT TOP	1
9	191750	MOUNT, TRUNNION BEARING	2
10	199883	PLATE, REEL MOUNT	1
10	191751	PLATE, REEL MOUNT	1

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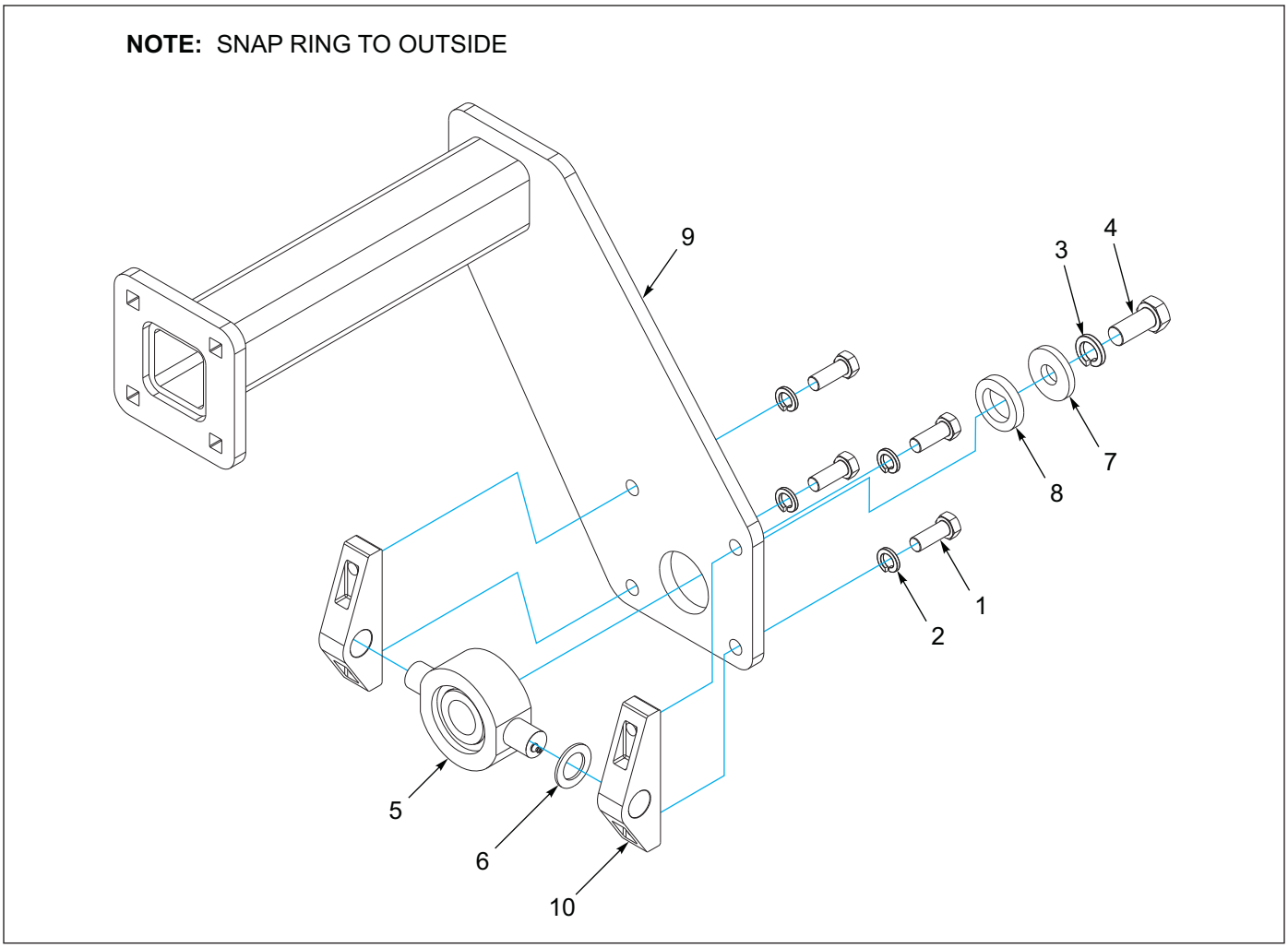


Figure 1-51: Reel Mount Extension Assembly (BEFORE 03/01/2018)

Reel Mount Extension Assembly (BEFORE 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
	201241	EXTENSION, REEL MOUNT ASSY	--
	201242	EXTENSION, REEL MOUNT ASSY	--
	201247	EXTENSION, REEL MOUNT ASSY	--
	201248	EXTENSION, REEL MOUNT ASSY	--
1	1-654-010061-05	SCREW, HEX 3/4-10 UNC X 2 GR5	4
2	1-861-010034-17	WASHER, LKG HLCL SPR, 3/4	4
3	1-861-010034-21	WASHER, LKG HLCL SPR, 1	1
4	137943	SCREW, HEX 1-8 UNC X 2-1/4 GR8	1
5	140477	BEARING, DISC 1.775 ID, ASSY **(POSITION ZERK TOWARDS BACK REAR)**	1
6	140480	WASHER, TRUNNION **(POSITIONED ON BACKSIDE OF BEARING)**	1
7	154185	WASHER, 3/8	1
8	154186	WASHER, FLAT TOP	1
9	201239	EXTENSION, REEL MOUNT WELD LH **(USED W/ 201241*)**	1
9	201240	EXTENSION, REEL MOUNT WELD RH **(USED W/ 201242**)**	1
9	201245	EXTENSION, REEL MOUNT WELD LH **(USED W/ 201247***)**	1
9	201246	EXTENSION, REEL MOUNT WELD RH **(USED W/ 201248****)**	1
10	191750	MOUNT, TRUNNION BEARING 2	2

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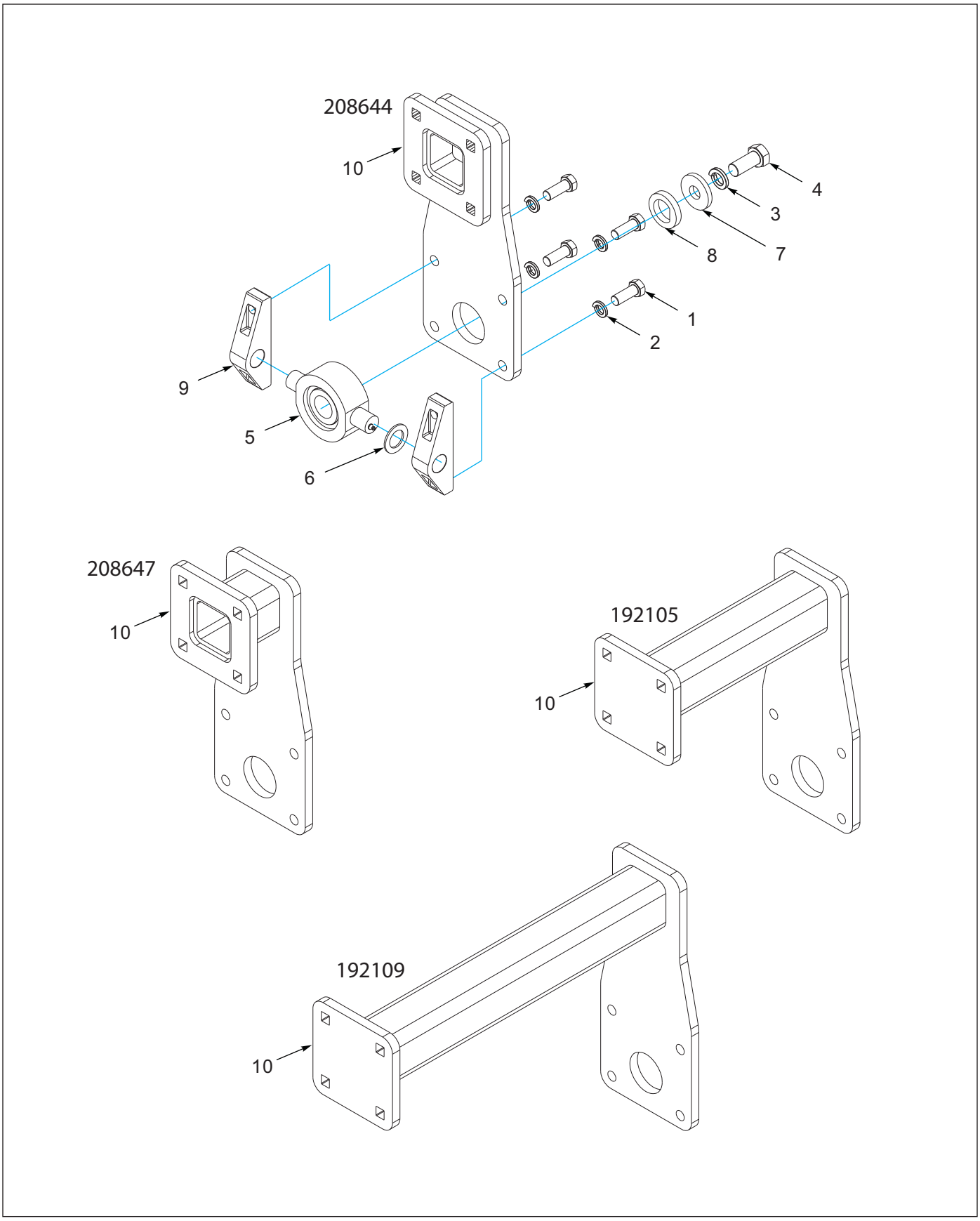


Figure 1-52: Reel Mount Extension Assembly (AFTER 03/01/2018)

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Reel Mount Extension Assembly (AFTER 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.			
			25’	30’	35’	40’
	192106	EXTENSION, REEL MOUNT ASSEMBLY	2	2	--	--
	192109	EXTENSION, REEL MOUNT ASSEMBLY	--	2	--	--
	208644	EXTENSION, REEL MOUNT ASSEMBLY	2	2	2	2
	208647	EXTENSION, REEL MOUNT ASSEMBLY	--	--	4	8
1	1-654-010061-05	SCREW, HEX 3/4-10 UNC X 2 GR5	4	4	4	4
2	1-861-010034-17	WASHER, LKG HLCL SPR, 3/4	4	4	4	4
3	1-861-010034-21	WASHER, LKG HLCL SPR, 1	1	1	1	1
4	137943	SCREW, HEX 1-8 UNC X 2-1/4 GR8	1	1	1	1
5	140477	BEARING, DISC 1.775 ID, ASSY **(POSITION ZERK TOWARDS BACK REAR)**	1	1	1	1
6	140480	WASHER, TRUNNION **(POSITIONED ON BACKSIDE OF BEARING)**	1	1	1	1
7	154185	WASHER, 3/8	1	1	1	1
8	154186	WASHER, FLAT TOP	2	2	2	2
9	191750	MOUNT, TRUNNION BEARING 2	1	1	1	1
10	192106	EXTENSION, REEL MOUNT WELD	1	1	--	--
10	192108	EXTENSION, REEL MOUNT WELD	--	1	--	--
10	208645	EXTENSION, REEL MOUNT WELD	1	1	1	1
10	208648	EXTENSION, REEL MOUNT WELD	--	--	1	1

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Hydraulics

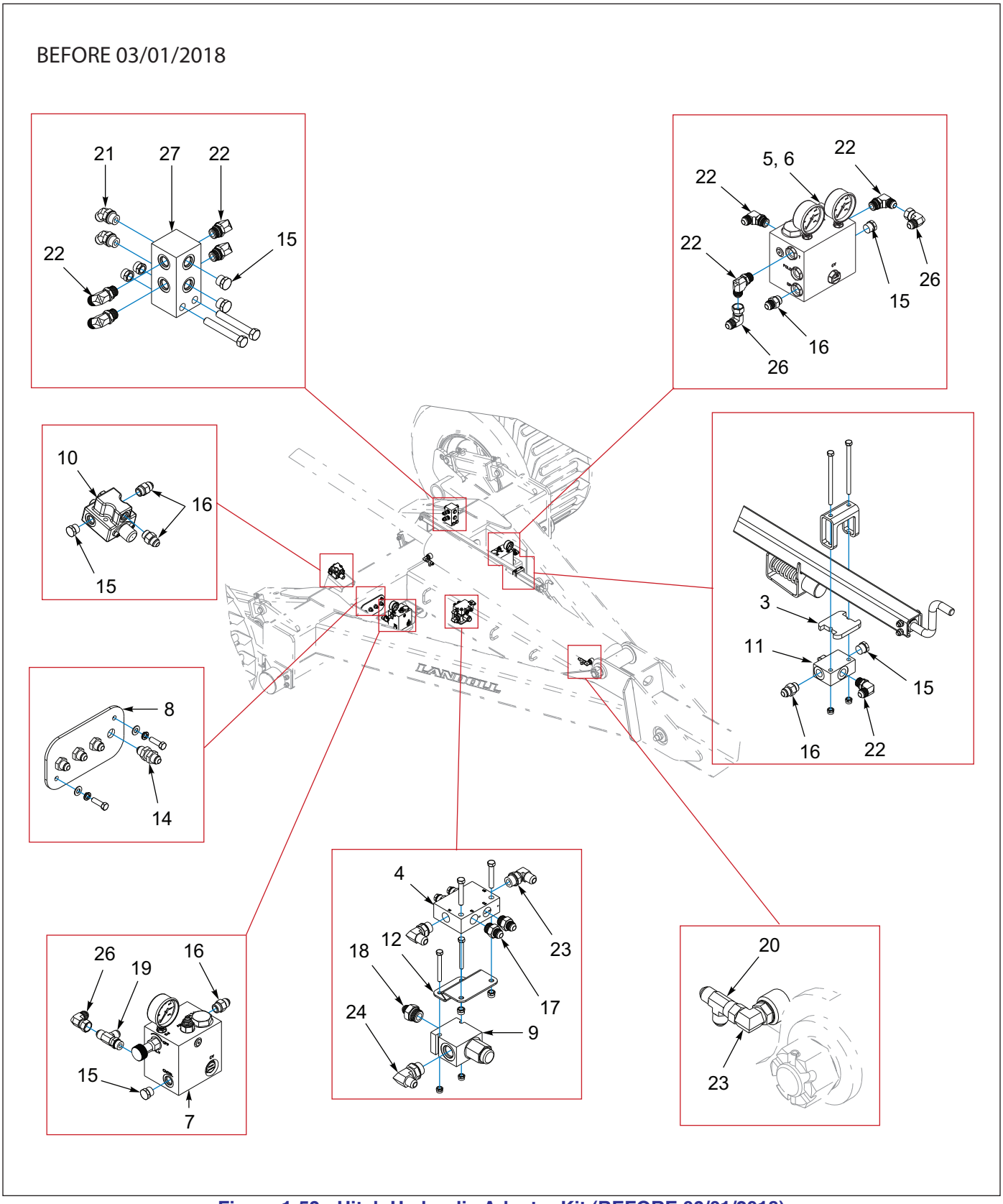


Figure 1-53: Hitch Hydraulic Adapter Kit (BEFORE 03/01/2018)

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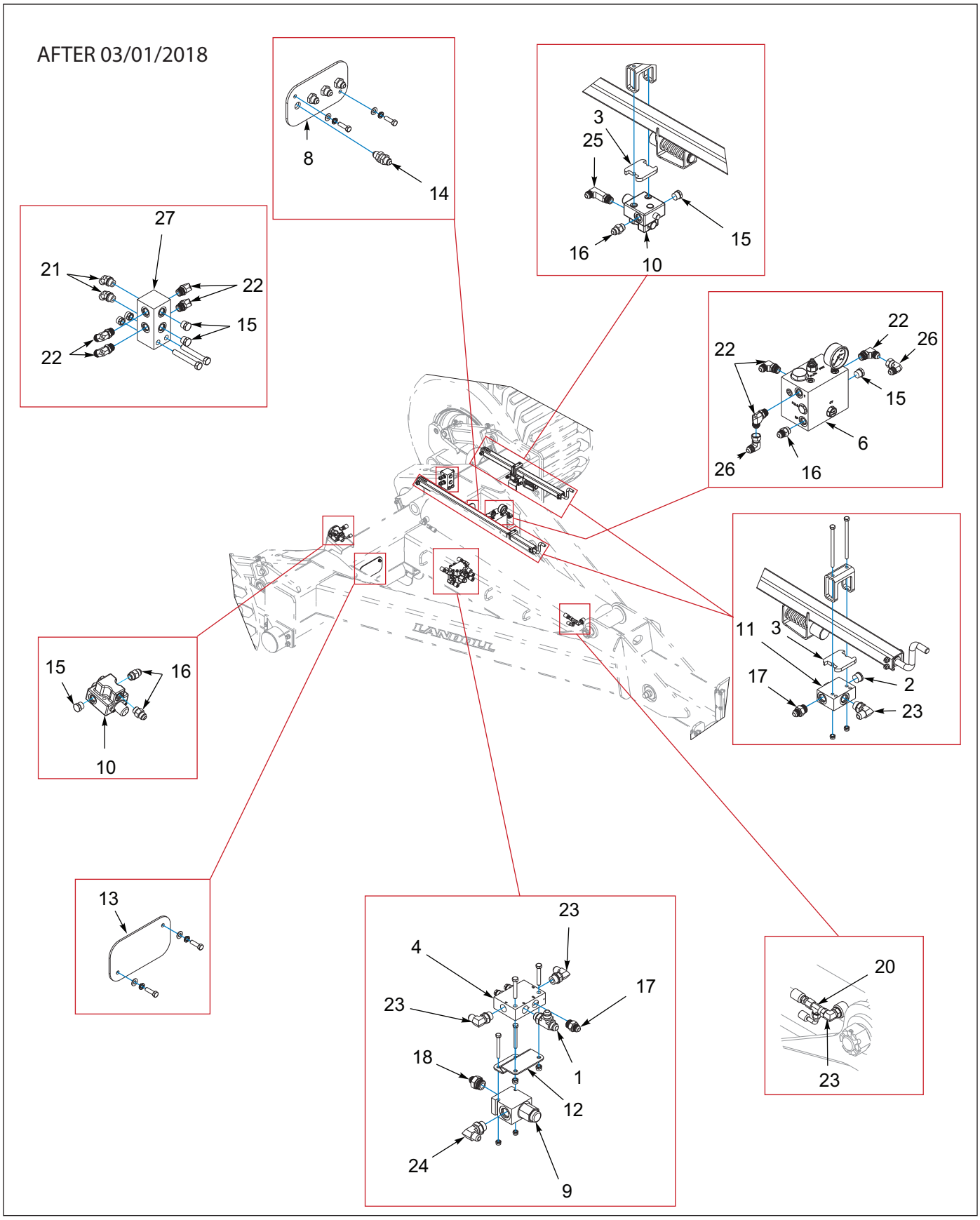


Figure 1-54: Hitch Hydraulic Adapter Kit (AFTER 03/01/2018)

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Hitch Hydraulic Adapter Kit

ITEM	PART NO.	DESCRIPTION	BEFORE 03/01/2018	AFTER 03/01/2018
	201221	KIT - HYDRAULIC ADAPTER, HITCH	1	1
1	143852	ADAPTER TEE, 10ORB, 10JIC	--	1
2	143853	PLUG, 10 M ORB HEX SOCKET	--	1
3	165257	PAD, SLIDE	1	1
4	184585	VALVE, DUAL COUNTER BALANCE, 30G	--	1
5	195108	MANIFOLD ASSY, VALVE DOWN PRESS	1	--
6	200743	MANIFOLD ASSY VALVE DOWN PRESS	1	1
7	203386	MANIFOLD ASSY DRAFT COMP	1	--
8	203391	PLATE-BULKHEAD MOUNT	1	1
9	203447	VALVE CHECK, 225 PSI, ASM	--	1
10	203450	VALVE-LIMIT	--	1
11	203467	VALVE-LIMIT, STROKE	--	1
12	203541	BRACKET-VALVE MOUNT	1	1
13	210765	PLATE-BULKHEAD BLANK	--	1
14	102-0322	37 FLARE BULKHEAD/37 FLARE	8	4
15	102-1187	PLUG, -8M,#O-RING, AQP 900598-8S	6	8
16	202702-8-8S	ADAPTER, 8,#O-RING, 8 TUBE	4	3
17	202702-10-8S	ADAPTER, 10,#O-RING, 8 TUBE	2	2
18	202702-12-8S	ADAPTER, 12,#O-RING, 8 TUBE	1	1
19	203005-8-8S	ADAPTER, TEE, 8,#O-RING TUBE	1	--
20	203102-8-8S	ADAPTER, TEE, 1/2 8 JICX, 8 JICSWV	2	1
21	2061-8-8S	ADAPTER, 45,#O-RING, 8 TUBE	2	2
22	2062-8-8S	ADAPTER, 90,#O-RING 8 TUBE	12	11
23	2062-10-8S	ADAPTER, 90,#O-RING, 10 TUBE	4	5
24	2062-12-8S	ADAPTER, 90,#O-RING, 12 TUBE	1	1
25	206209-8-8S	ADAPTER, 90 LONG, O-RING, 8 TUBE	--	1
26	2071-8-8S	ADAPTER, 90, 8 FLR SWIVEL, 8 JIC	3	2
27	2-474-010022	MANIFOLD ASSY, HYDR 8 HOSE	1	1

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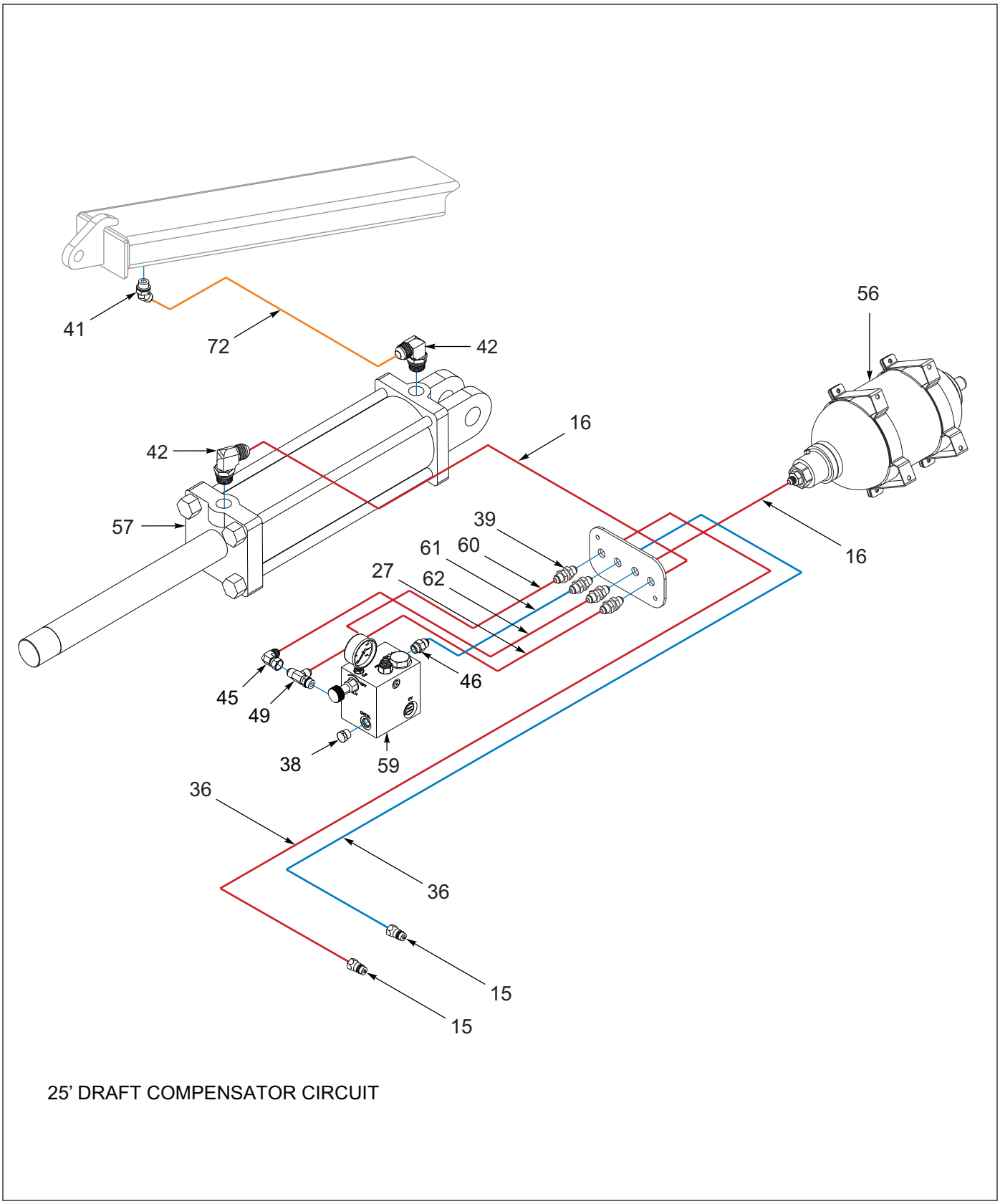


Figure 1-55: Hydraulic System - 25’ (BEFORE 03/01/2018) (1 of 4)

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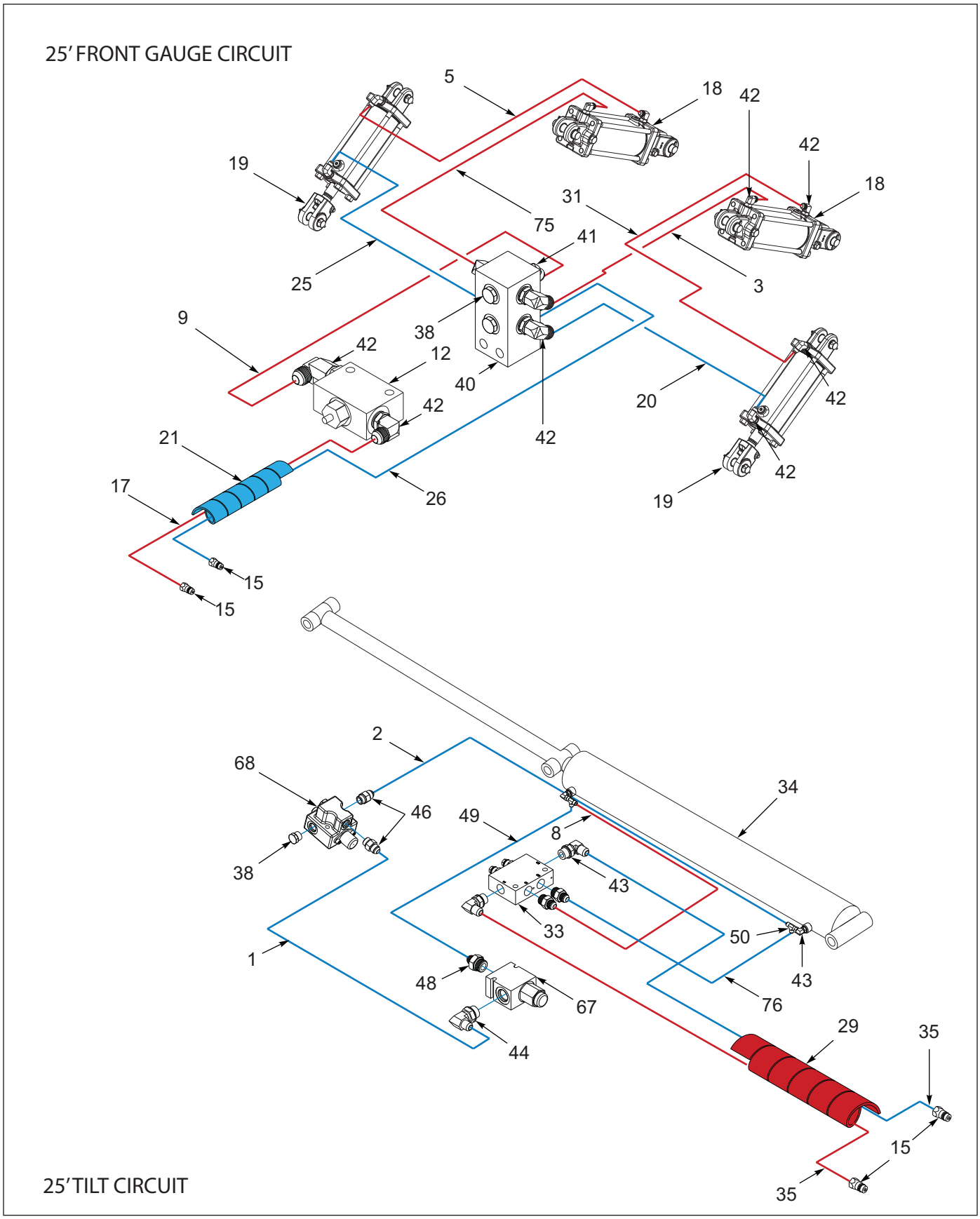


Figure 1-56: Hydraulic System - 25' (BEFORE 03/01/2018) (2 of 4)

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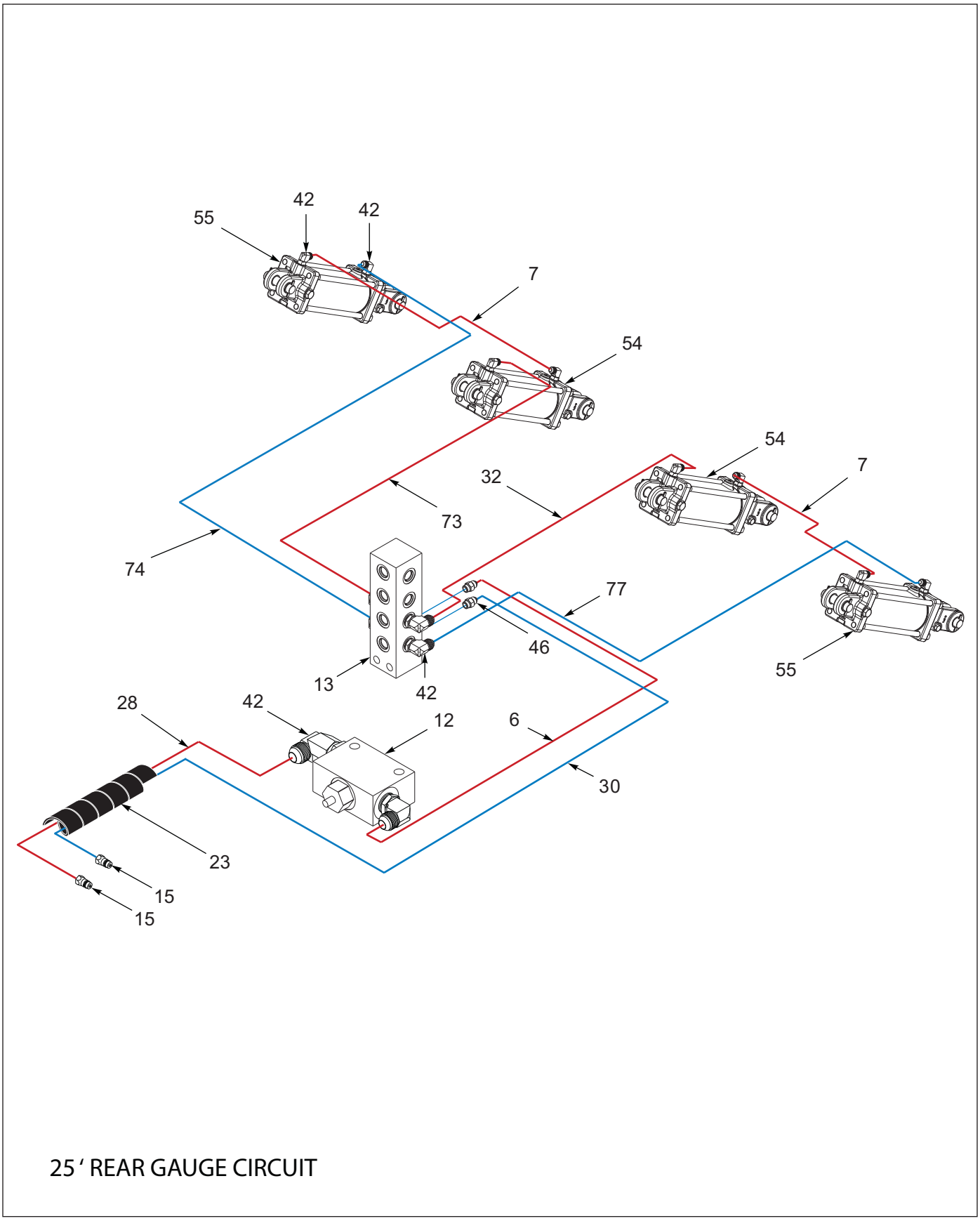


Figure 1-57: Hydraulic System - 25' (BEFORE 03/01/2018) (3 of 4)

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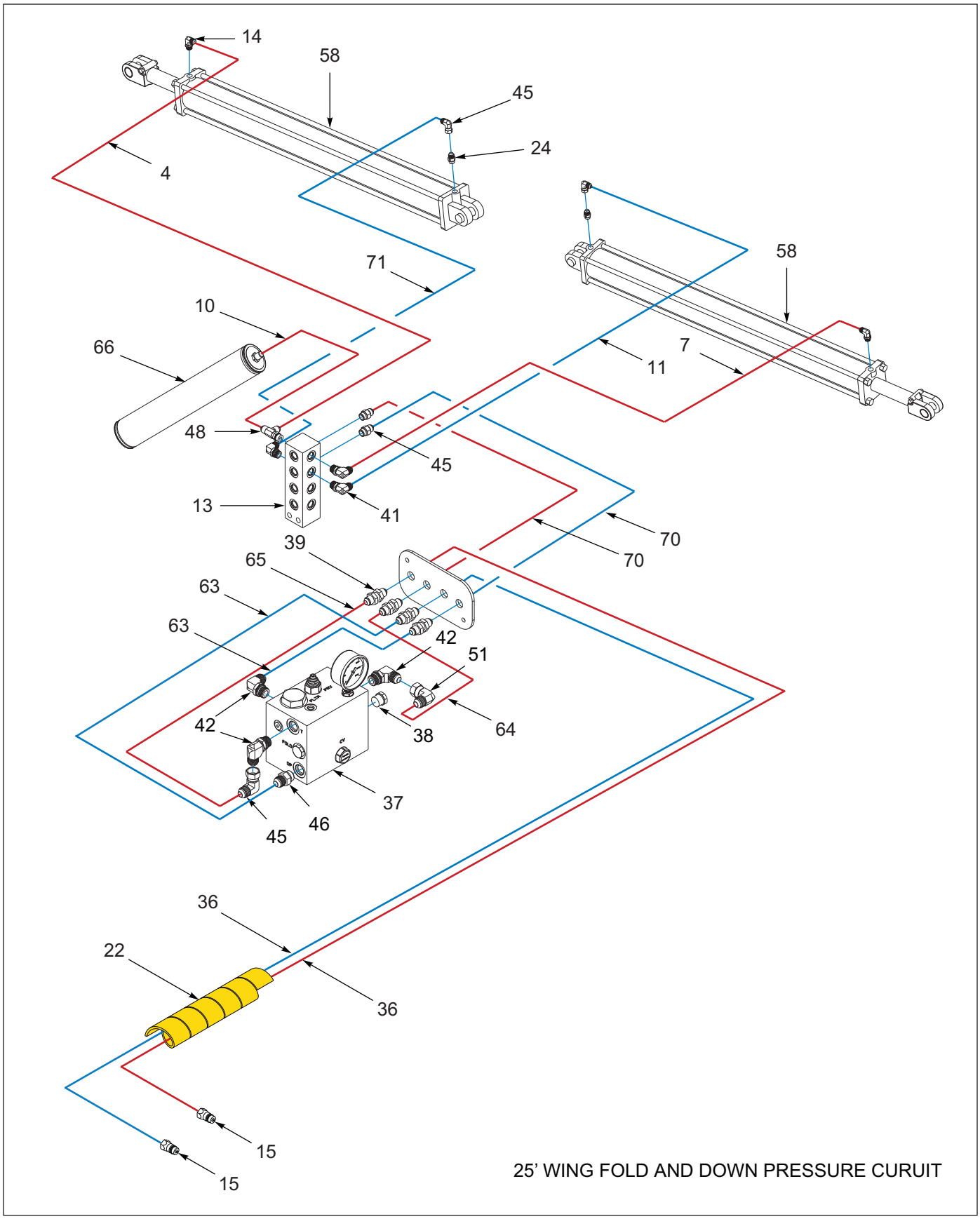


Figure 1-58: Hydraulic System - 25' (BEFORE 03/01/2018) (4 of 4)

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Hydraulic System - 25’ (BEFORE 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-397-010302042	HOSE ASSY,1/2X42,SAE37,STR-90	REF
2	104369	HOSE ASSY 1/2X96,SAE37,STR-90	REF
3	116432	HOSE ASSY, 3/8X60 #8 JIC SWV	REF
4	116434	HOSE ASSY, 3/8X120 #8 JIC SW	REF
5	116436	HOSE ASSY, 3/8X255 #8 JIC SW	REF
6	116491	HOSE ASSY 3/8X96 #8 JIC SW	REF
7	117260	HOSE ASSY 3/8X156 #8JIC	REF
8	121002	HOSE ASSY1/2X45,SAE37,STR-STR	REF
9	122909	HOSE ASSY 3/8X82,#8 JIC SWVL	REF
10	123066	HOSE ASSY 3/8X64 #8STR-#8-90	REF
11	137599	HOSE ASSY 3/8X126.25 #8JIC SWV	REF
12	140693	VALVE, LIMIT	REF
13	141594	MANIFOLD, HYDRAULIC 16 PORT	REF
14	141826	ELBOW 90 1/16 RES	REF
15	141828	COUPLER,MALE 3/4-16 O-RING	REF
16	141883	HOSE ASSY 3/8X190 #8 JIC SWIV	REF
17	141888	HOSE ASSY 3/8X320 #8JICX#8OR	REF
18	145200	CYLINDER 4-1/2 X 8 REPHASE	REF
19	145201	CYLINDER 4 X 8 REPHASE	REF
20	153621	HOSE ASSY 3/8X212 #8 JIC SWIV	REF
21	155528	HOSE WRAP, BLUE 1" ID X 8"	REF
22	155529	HOSE WRAP, YELLOW 1" ID X 8"	REF
23	155530	HOSE WRAP, BLACK 1" ID X 8"	REF
24	162671	CHECK VALVE W/ORIFICE	REF
25	164309	HOSE ASSY 3/8X300 #8JIC SWIV	REF
26	165335	HOSE ASY3/8X290 #8JICX#8 O/R	REF
27	171760	HOSE ASSY 3/8 X 32 #8STR-#8-90	REF
28	172481	HOSE ASSY, 3/8X428 #8JICX#8OR	REF
29	172973	HOSE WRAP, RED	REF
30	177000	HOSE 3/8 X 372, #8JIC X #8OR	REF
31	180117	HOSE ASSY, 3/8X275, #8JIC SWIV	REF
32	181801	HOSE ASSY, 3/8x58 #8 JIC SWIV	REF
33	184585	VALVE,DUAL COUNTER BALANCE,30G	REF
34	187436	CYLINDER, HYD 7X60 WLD 3000PSI	REF
35	187651	HOSE 1/2X37JICX3/4-16ORINGX332	REF
36	188774	HOSE ASSY,3/8#8JICX#8ORB 270"	REF
37	195108	MANIFOLD ASSY VALVE DOWN PRESS	REF
38	102-1187	PLUG,-8M O-RING AQP#900598-8S	REF
39	102-0322	37 FLARE BULKHEAD/37 FLARE	REF
40	2-474-010022	MANIFOLD ASSY, HYDR 8 HOSE	REF
41	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	REF
42	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	REF
43	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	REF
44	2062-12-8S	ADAPTER,90,#12 O-RING-#8 TUBE	REF
45	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	REF
46	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	REF
47	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	REF
48	202702-12-8S	ADAPTER, #12 O-RING #8 TUBE	REF

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Hydraulic System - 25’ (BEFORE 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
49	203005-8-8S	ADAPTER,TEE,#8 O-RING-TUBE	REF
50	203102-8-8S	ADAPTER,TEE,1/2 #8JICX#8JICSWV	REF
51	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	REF
52	50976-26	HOSE #8 ASSY 48 OAL	REF
53	200743	MANIFOLD ASSY VALVE DOWN PRESS	REF
54	201275	CYLINDER, 4 X 10 REPHASE	REF
55	201276	CYLINDER, 3.75 X 10 REPHASE	REF
56	201284	ACCUMULATOR-BLADR,10 L,3000PSI	REF
57	201292	CYLINDER-HYD,3-1/2 X10,3000PSI	REF
58	201347	CYLINDER-HYD,4X48,2-1/4RD,3000	REF
59	203386	MANIFOLD ASSY DRAFT COMP	REF
60	203421	HOSE ASSY 3/8X21 #8STR-#8-90	REF
61	203422	HOSE ASSY 3/8X23 #8STR-#8-90	REF
62	203423	HOSE ASSY 3/8X29 #8STR-#8-90	REF
63	203424	HOSE ASSY 3/8X26 #8STR-#8-90	REF
64	203425	HOSE ASSY 3/8X33 #8STR-#8-90	REF
65	203426	HOSE ASSY 3/8X39 #8STR-#8-90	REF
66	203429	ACCUMULATOR-PISTON, 122 CI	REF
67	203447	VALVE-CHECK, 225 PSI, ASM	REF
68	203450	VALVE-LIMIT	REF
69	50976-26	HOSE #8 ASSY 48 OAL	REF
70	1413183	HOSE ASSY #6 .38X103.25HIPRES	REF
71	1413184	HOSE ASSY #6 .38X106.25HIPRES	REF
72	71508985	HOSE ASSY .38 X 30	REF
73	71508988	HOSE ASSY 3/8 X 80	REF
74	71509000	HOSE ASM 3/8 X202	REF
75	71509382	HOSE ASSY .38 X 112	REF
76	71600087	HOSE ASSY 1/2X48 SAE37 STR	REF
77	71600088	HOSE ASSY 3/8 X228IN	REF

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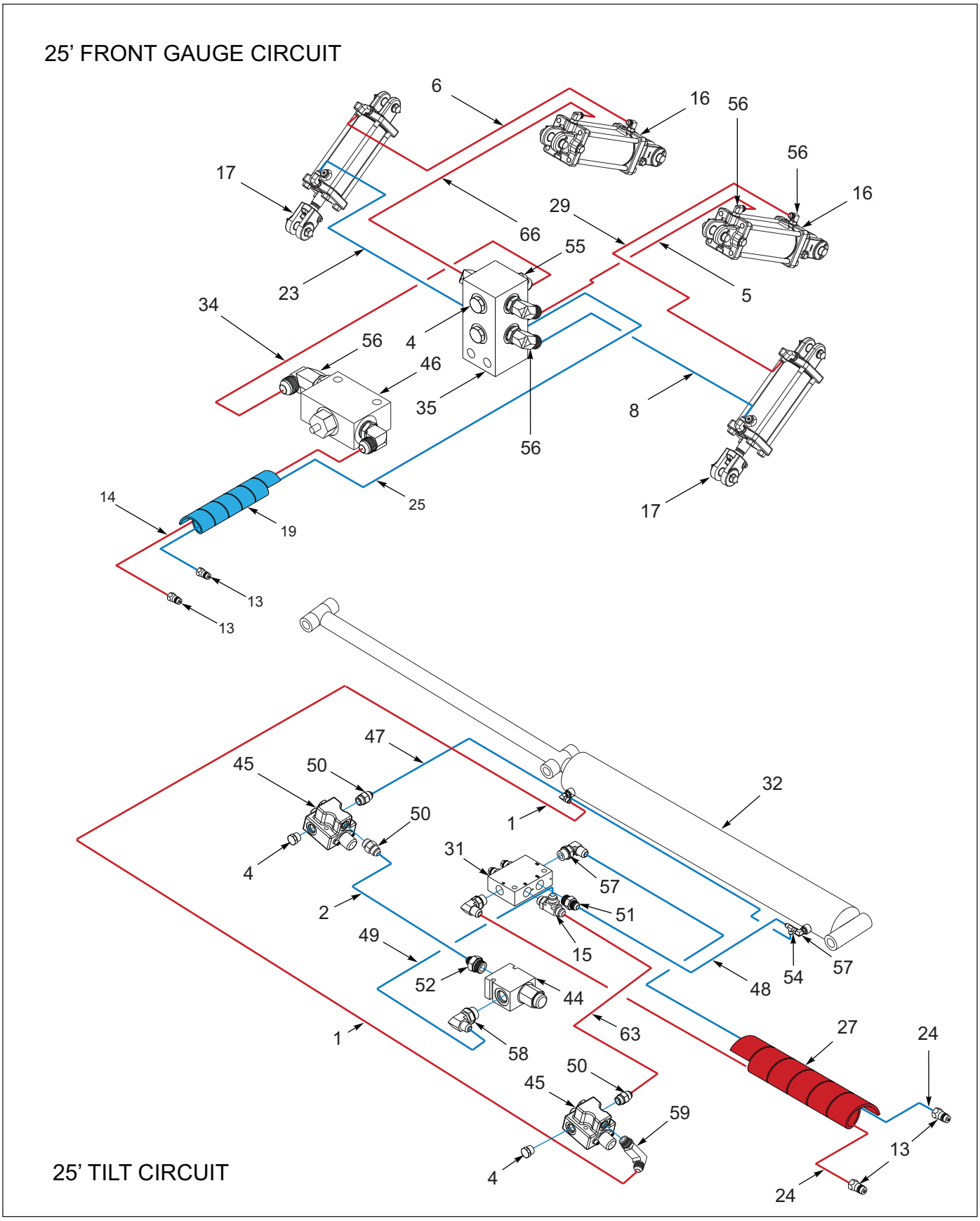


Figure 1-59: Hydraulic System - 25’ (AFTER 03/01/2018) (1 of 3)

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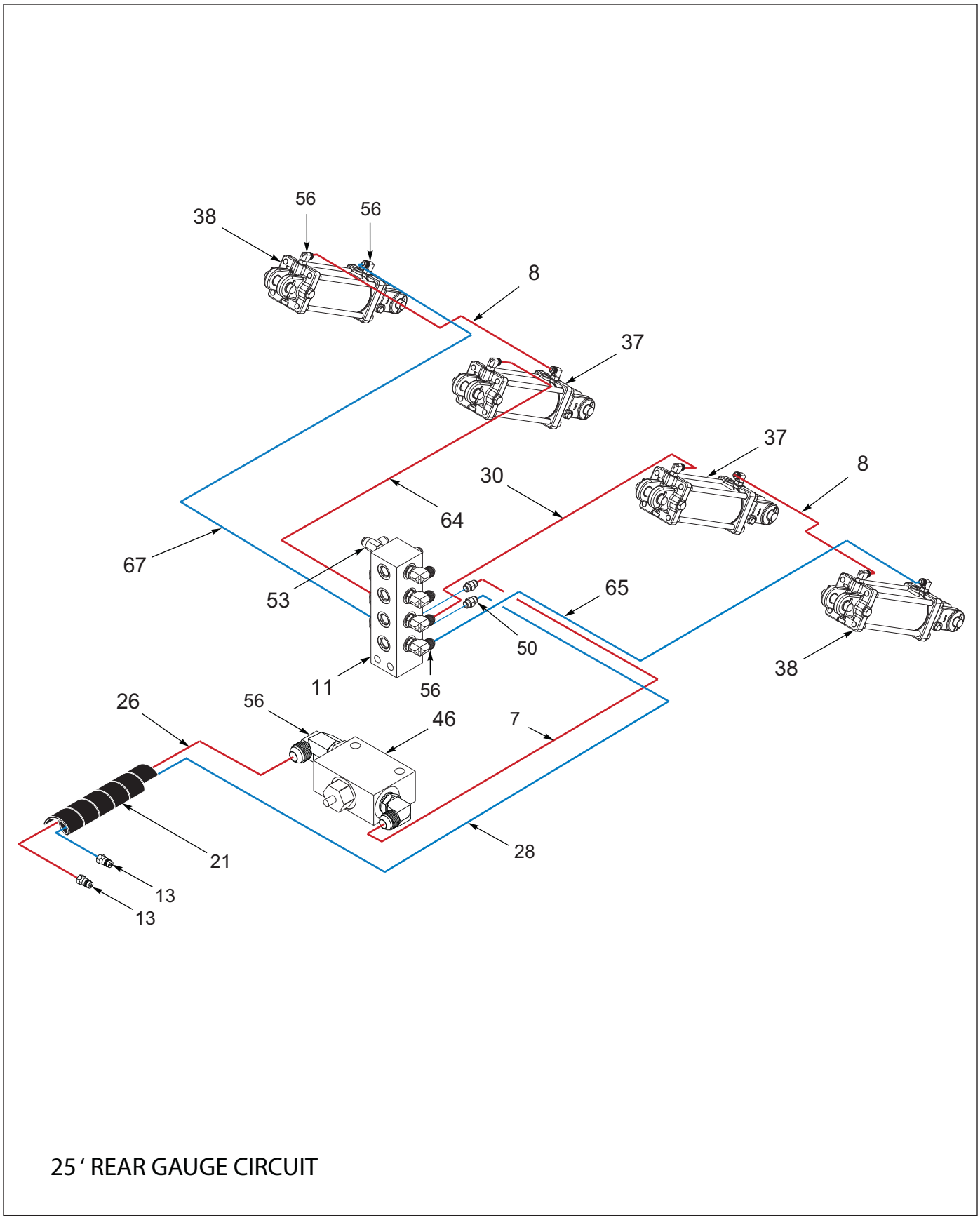


Figure 1-60: Hydraulic System - 25' (AFTER 03/01/2018) (2 of 3)

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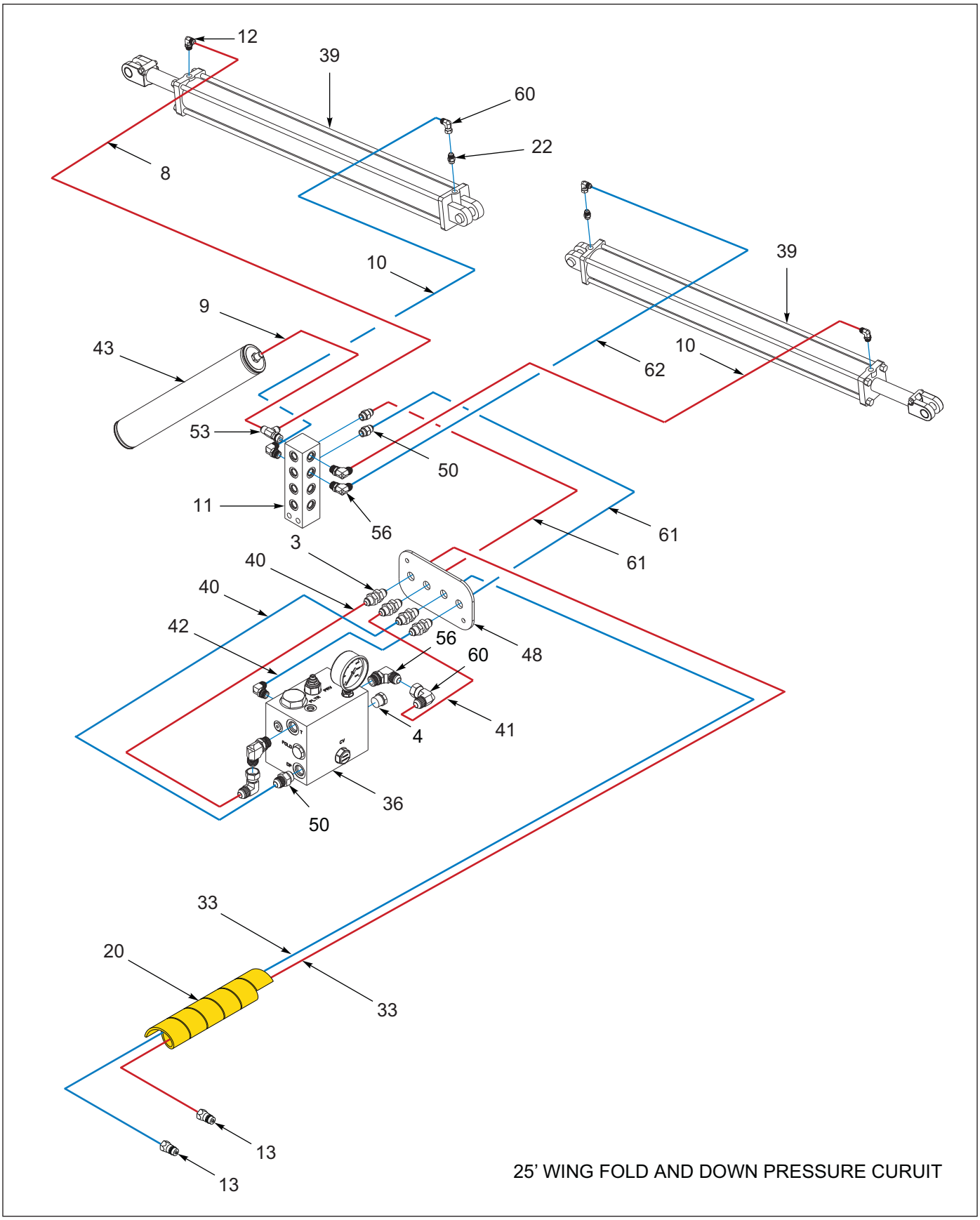


Figure 1-61: Hydraulic System - 25’ (AFTER 03/01/2018) (3 of 3)

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Hydraulic System - 25’ (AFTER 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-397-010301084	HOSE ASSY,1/2X84,SAE 37,STR	REF
2	1-397-010302042	HOSE ASSY,1/2X42,SAE37,STR-90	REF
3	102-0322	37 FLARE BULKHEAD/37 FLARE	REF
4	102-1187	PLUG,-8M O-RING AQP#900598-8S	REF
5	116432	HOSE ASSY, 3/8X60 #8 JIC SWV	REF
6	116436	HOSE ASSY, 3/8X255 #8 JIC SW	REF
7	116491	HOSE ASSY 3/8X96 #8 JIC SW	REF
8	117260	HOSE ASSY 3/8X156 #8JIC	REF
9	123066	HOSE ASSY 3/8X64 #8STR-#8-90	REF
10	137599	HOSE ASSY 3/8X126.25 #8JIC SWV	REF
11	141594	MANIFOLD, HYDRAULIC 16 PORT	REF
12	141826	ELBOW 90 1/16 RES	REF
13	141828	COUPLER,MALE 3/4-16 O-RING	REF
14	141888	HOSE ASSY 3/8X320 #8JICX#8OR	REF
15	143852	ADAPTER TEE #10ORB #10JIC	REF
16	145200	CYLINDER 4-1/2 X 8 REPHASE	REF
17	145201	CYLINDER 4 X 8 REPHASE **(SEE PAGE 1-174)**	REF
18	153621	HOSE ASSY 3/8X212 #8 JIC SWIV	REF
19	155528	HOSE WRAP, BLUE 1" ID X 8"	REF
20	155529	HOSE WRAP, YELLOW 1" ID X 8"	REF
21	155530	HOSE WRAP, BLACK 1" ID X 8"	REF
22	162671	CHECK VALVE W/ORIFICE	REF
23	164309	HOSE ASSY 3/8X300 #8JIC SWIV	REF
24	164600	HOSE 1/2X37JICX3/4-16ORINGX304	REF
25	165335	HOSE ASY3/8X290 #8JICX#8 O/R	REF
26	172481	HOSE ASSY, 3/8X428 #8JICX#8OR	REF
27	172973	HOSE WRAP, RED	REF
28	177000	HOSE 3/8 X 372, #8JIC X #8OR	REF
29	180117	HOSE ASSY, 3/8X275, #8JIC SWIV	REF
30	181801	HOSE ASSY, 3/8x58 #8 JIC SWIV	REF
31	184585	VALVE,DUAL COUNTER BALANCE,30G	REF
32	187436	CYLINDER, HYD 7X60 WLD 3000PSI **(SEE PAGE 1-181)**	REF
33	188774	HOSE ASSY,3/8#8JICX#8ORB 270"	REF
34	192481	HOSE ASSY 3/8 X 88	REF
35	2-474-010022	MANIFOLD ASSY, HYDR 8 HOSE	REF
36	200743	MANIFOLD ASSY VALVE DOWN PRESS	REF
37	201275	CYLINDER, 4 X 10 REPHASE **(SEE PAGE 1-176)**	REF
38	201276	CYLINDER, 3.75 X 10 REPHASE **(SEE PAGE 1-178)**	REF
39	201347	CYLINDER-HYD,4X48,2-1/4RD,3000 **(SEE PAGE 1-180)**	REF
40	203424	HOSE ASSY 3/8X26 #8STR-#8-90	REF
41	203425	HOSE ASSY 3/8X33 #8STR-#8-90	REF
42	203426	HOSE ASSY 3/8X39 #8STR-#8-90	REF
43	203429	ACCUMULATOR-PISTON, 122 CI	REF
44	203447	VALVE-CHECK, 225 PSI, ASM	REF
45	203450	VALVE-LIMIT	REF
46	203467	VALVE-LIMIT, STROKE	REF
47	203566	HOSE ASM 1/2X93,-8FJX,-8FJX90S	REF
48	203599	HOSE ASSY 1/2X 47,-8FJX,-8FJX	REF

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Hydraulic System - 25’ (AFTER 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
49	210861	HOSE ASM1/2X36 -10FJX90S -8FJX	REF
50	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	REF
51	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	REF
52	202702-12-8S	ADAPTER, #12 O-RING #8 TUBE	REF
53	203005-8-8S	ADAPTER,TEE,#8 O-RING-TUBE	REF
54	203102-8-8S	ADAPTER,TEE,1/2 #8JICX#8JICSWV	REF
55	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	REF
56	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	REF
57	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	REF
58	2062-12-8S	ADAPTER,90,#12 O-RING-#8 TUBE	REF
59	206209-8-8S	ADAPTER,90LONG,#8 O-RING-TUBE	REF
60	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	REF
61	1413183	HOSE ASSY #6 .38X103.25HIPRES	REF
62	1413184	HOSE ASSY #6 .38X106.25HIPRES	REF
63	50002-76	HOSE #8 ASSY 89.25 OAL	REF
64	71508988	HOSE ASSY 3/8 X 80	REF
65	71509000	HOSE ASM 3/8 X202	REF
66	71509382	HOSE ASSY .38 X 112	REF
67	71600088	HOSE ASSY 3/8 X228IN	REF

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Table provided for general use.

NOTES:

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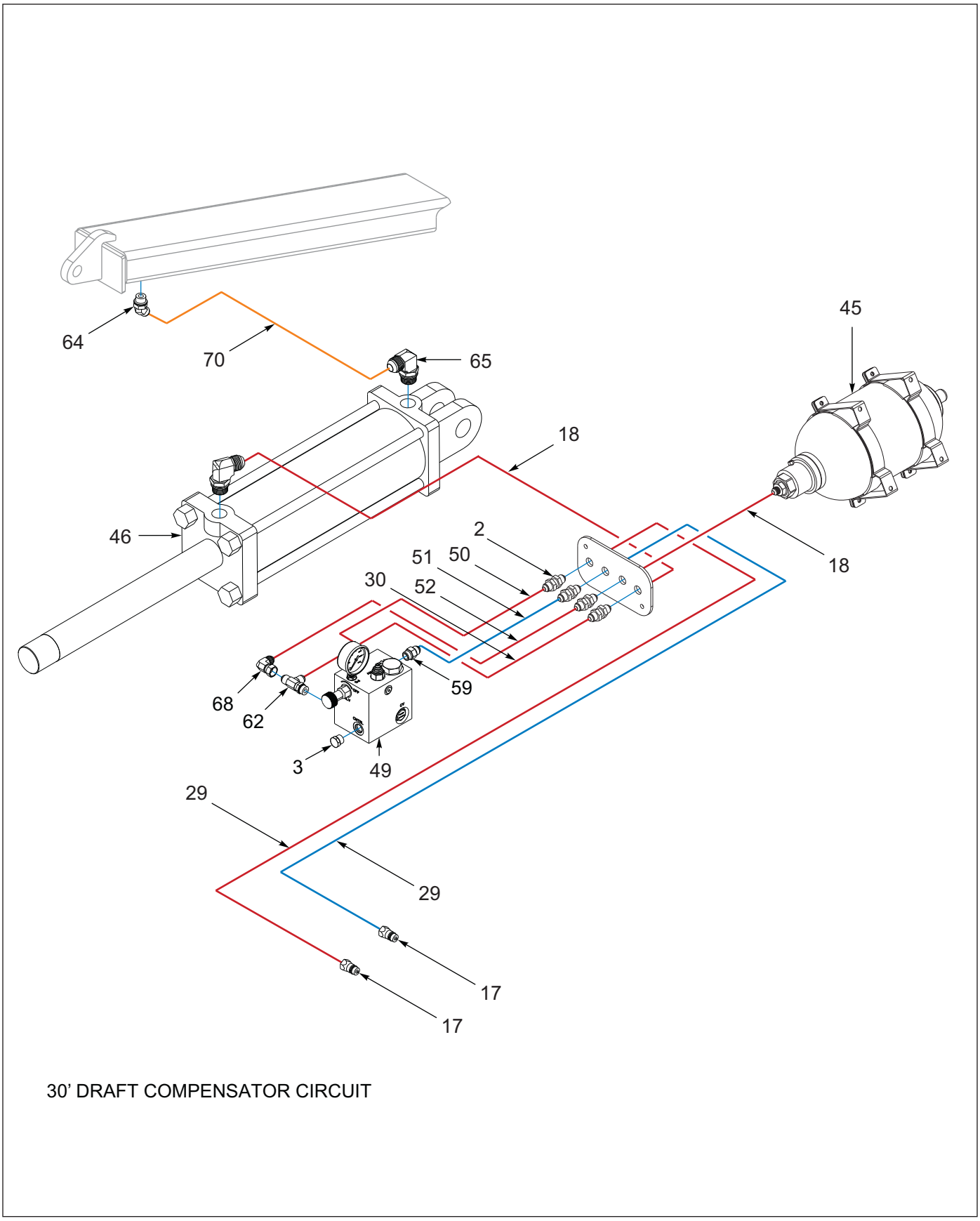


Figure 1-62: Hydraulic System - 30' (BEFORE 03/01/2018) (1 of 4)

https://truckmanualshub.com/

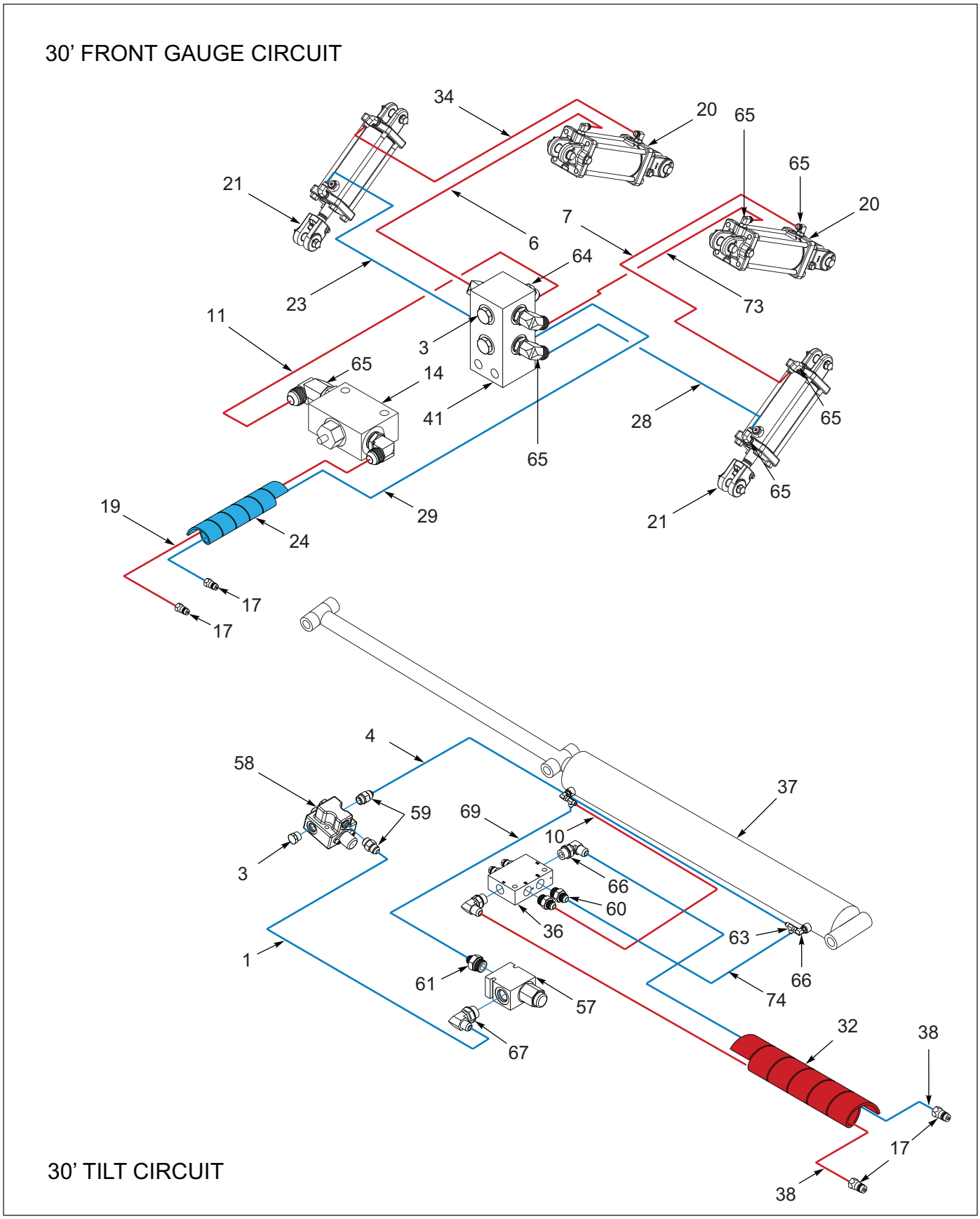


Figure 1-63: Hydraulic System - 30’ (BEFORE 03/01/2018) (2 of 4)

https://truckmanualshub.com/

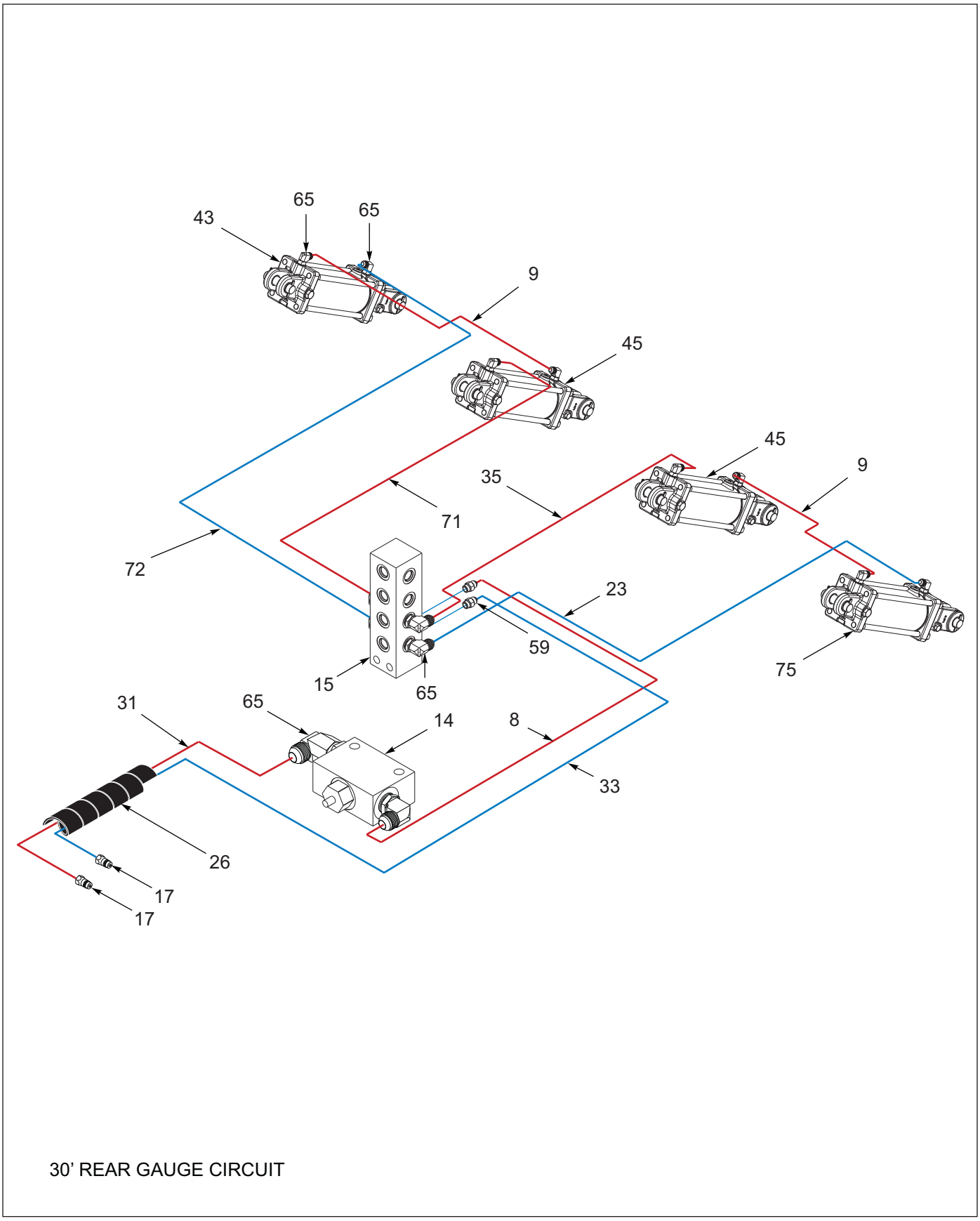


Figure 1-64: Hydraulic System - 30’ (BEFORE 03/01/2018) (3 of 4)

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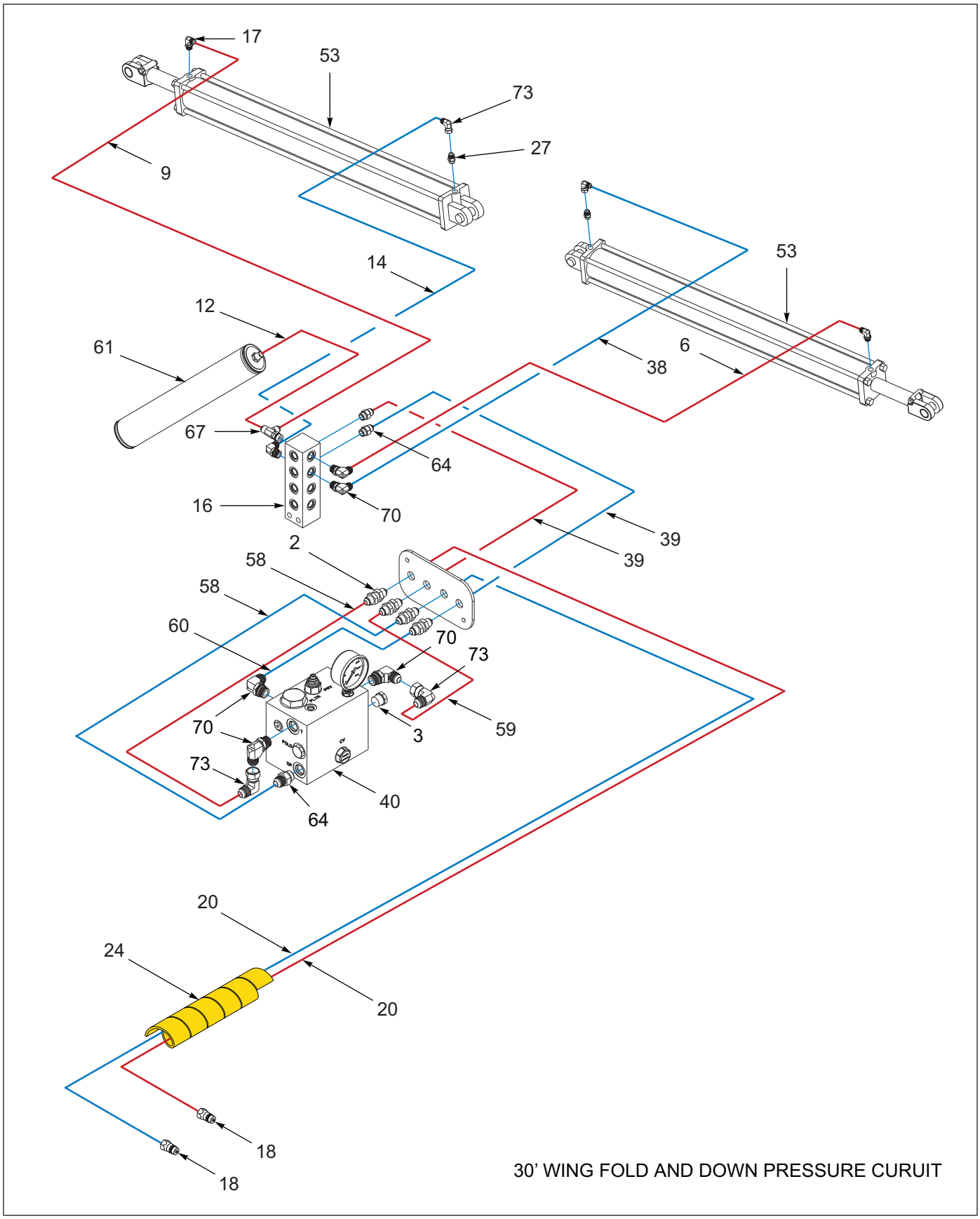


Figure 1-65: Hydraulic System - 30’ (BEFORE 03/01/2018) (4 of 4)

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Hydraulic System - 30’ (BEFORE 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-397-010302042	HOSE ASSY,1/2X42,SAE37,STR-90	REF
2	102-0322	37 FLARE BULKHEAD/37 FLARE	REF
3	102-1187	PLUG,-8M O-RING AQP#900598-8S	REF
4	104369	HOSE ASSY 1/2X96,SAE37,STR-90	REF
5	116432	HOSE ASSY, 3/8X60 #8 JIC SWV	REF
6	116434	HOSE ASSY, 3/8X120 #8 JIC SW	REF
7	116436	HOSE ASSY, 3/8X255 #8 JIC SW	REF
8	116491	HOSE ASSY 3/8X96 #8 JIC SW	REF
9	117260	HOSE ASSY 3/8X156 #8JIC	REF
10	121002	HOSE ASSY1/2X45,SAE37,STR-STR	REF
11	122909	HOSE ASSY 3/8X82,#8 JIC SWVL	REF
12	123066	HOSE ASSY 3/8X64 #8STR-#8-90	REF
13	137599	HOSE ASSY 3/8X126.25 #8JIC SWV	REF
14	140693	VALVE, LIMIT	REF
15	141594	MANIFOLD, HYDRAULIC 16 PORT	REF
16	141826	ELBOW 90 1/16 RES	REF
17	141828	COUPLER,MALE 3/4-16 O-RING	REF
18	141883	HOSE ASSY 3/8X190 #8 JIC SWIV	REF
19	141888	HOSE ASSY 3/8X320 #8JICX#8OR	REF
20	145200	CYLINDER 4-1/2 X 8 REPHASE	REF
21	145201	CYLINDER 4 X 8 REPHASE	REF
22	145594	HOSE #6STRJICX#6STRJICX#4 108	REF
23	153621	HOSE ASSY 3/8X212 #8 JIC SWIV	REF
24	155528	HOSE WRAP, BLUE 1" ID X 8"	REF
25	155529	HOSE WRAP, YELLOW 1" ID X 8"	REF
26	155530	HOSE WRAP, BLACK 1" ID X 8"	REF
27	162671	CHECK VALVE W/ORIFICE	REF
28	164309	HOSE ASSY 3/8X300 #8JIC SWIV	REF
29	165335	HOSE ASY3/8X290 #8JICX#8 O/R	REF
30	171760	HOSE ASSY 3/8 X 32 #8STR-#8-90	REF
31	172481	HOSE ASSY, 3/8X428 #8JICX#8OR	REF
32	172973	HOSE WRAP, RED	REF
33	177000	HOSE 3/8 X 372, #8JIC X #8OR	REF
34	180117	HOSE ASSY, 3/8X275, #8JIC SWIV	REF
35	181801	HOSE ASSY, 3/8x58 #8 JIC SWIV	REF
36	184585	VALVE,DUAL COUNTER BALANCE,30G	REF
37	187436	CYLINDER, HYD 7X60 WLD 3000PSI	REF
38	188845	HOSE ASSY,1/2X 362,-8FJX/-8ORB	REF
39	1413183	HOSE ASSY #6 .38X103.25HIPRES	REF
40	1413184	HOSE ASSY #6 .38X106.25HIPRES	REF
41	2-474-010022	MANIFOLD ASSY, HYDR 8 HOSE	REF
42	200743	MANIFOLD ASSY VALVE DOWN PRESS	REF
43	201275	CYLINDER, 4 X 10 REPHASE	REF
44	201276	CYLINDER, 3.75 X 10 REPHASE	REF
45	201284	ACCUMULATOR-BLADR,10 L,3000PSI	REF
46	201292	CYLINDER-HYD,3-1/2 X10,3000PSI	REF
47	201343	HOSE ASSY, 3/8X395,-8FJX,-8ORB	REF
48	201347	CYLINDER-HYD,4X48,2-1/4RD,3000	REF

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Hydraulic System - 30’ (BEFORE 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
49	203386	MANIFOLD ASSY DRAFT COMP	REF
50	203421	HOSE ASSY 3/8X21 #8STR-#8-90	REF
51	203422	HOSE ASSY 3/8X23 #8STR-#8-90	REF
52	203423	HOSE ASSY 3/8X29 #8STR-#8-90	REF
53	203424	HOSE ASSY 3/8X26 #8STR-#8-90	REF
54	203425	HOSE ASSY 3/8X33 #8STR-#8-90	REF
55	203426	HOSE ASSY 3/8X39 #8STR-#8-90	REF
56	203429	ACCUMULATOR-PISTON, 122 CI	REF
57	203447	VALVE-CHECK, 225 PSI, ASM	REF
58	203450	VALVE-LIMIT	REF
59	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	REF
60	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	REF
61	202702-12-8S	ADAPTER, #12 O-RING #8 TUBE	REF
62	203005-8-8S	ADAPTER,TEE,#8 O-RING-TUBE	REF
63	203102-8-8S	ADAPTER,TEE,1/2 #8JICX#8JICSWV	REF
64	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	REF
65	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	REF
66	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	REF
67	2062-12-8S	ADAPTER,90,#12 O-RING-#8 TUBE	REF
68	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	REF
69	50976-26	HOSE #8 ASSY 48 OAL	REF
70	71508985	HOSE ASSY .38 X 30	REF
71	71508988	HOSE ASSY 3/8 X 80	REF
72	71509000	HOSE ASM 3/8 X202	REF
73	71509382	HOSE ASSY .38 X 112	REF
74	71600087	HOSE ASSY 1/2X48 SAE37 STR	REF
75	71600088	HOSE ASSY 3/8 X228IN	REF

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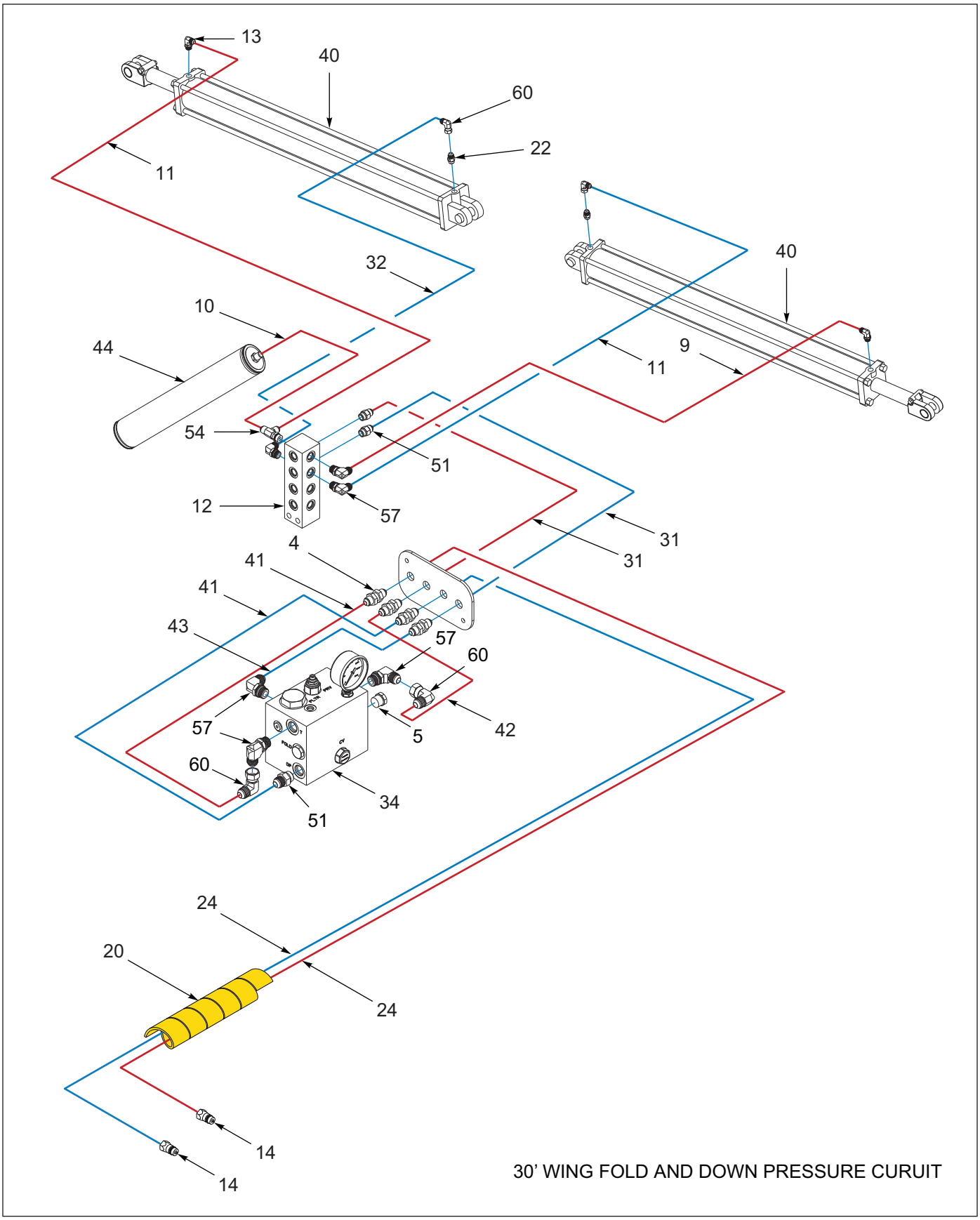


Figure 1-66: Hydraulic System - 30’ (AFTER 03/01/2018) (1 of 3)

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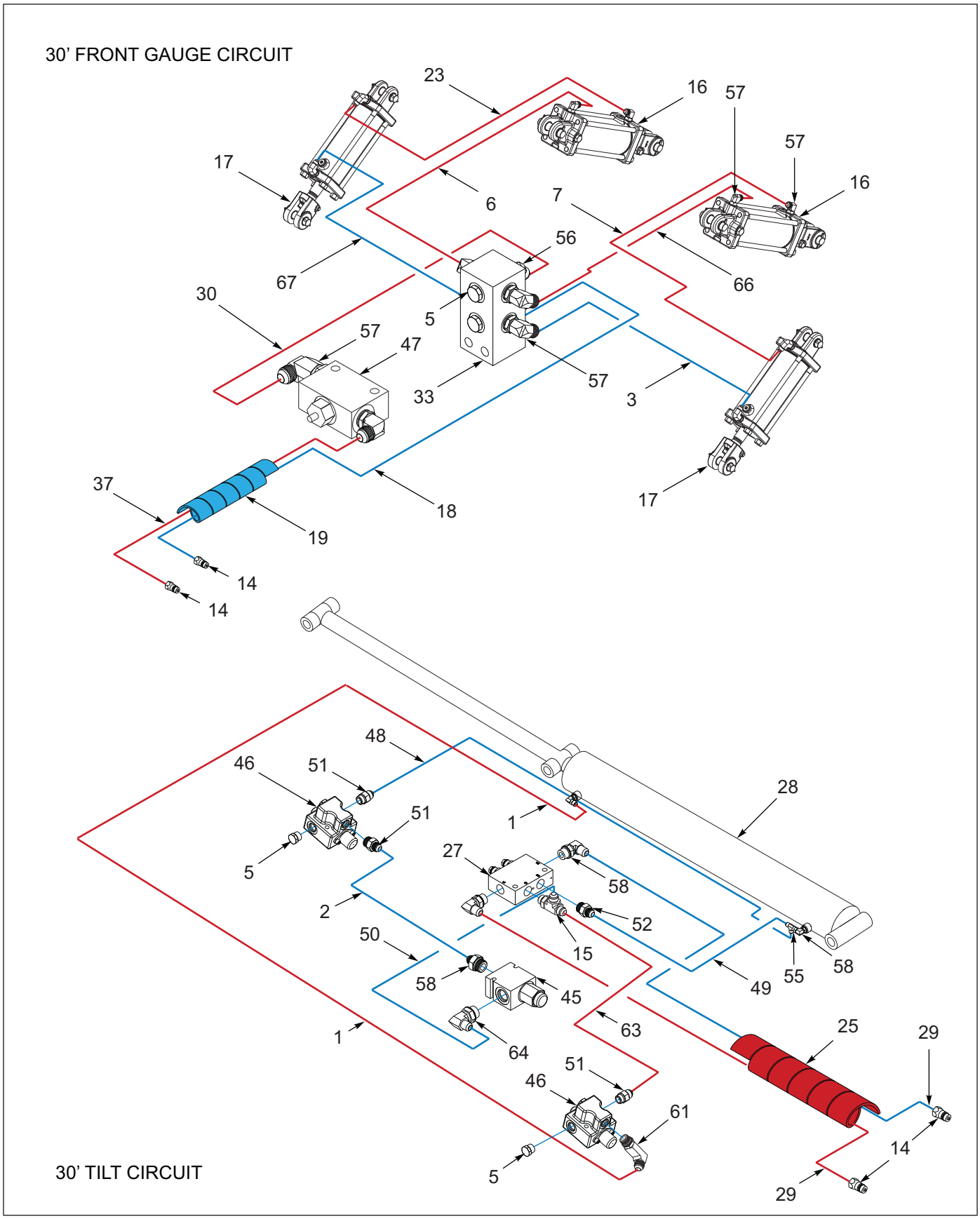


Figure 1-67: Hydraulic System - 30' (AFTER 03/01/2018) (2 of 3)

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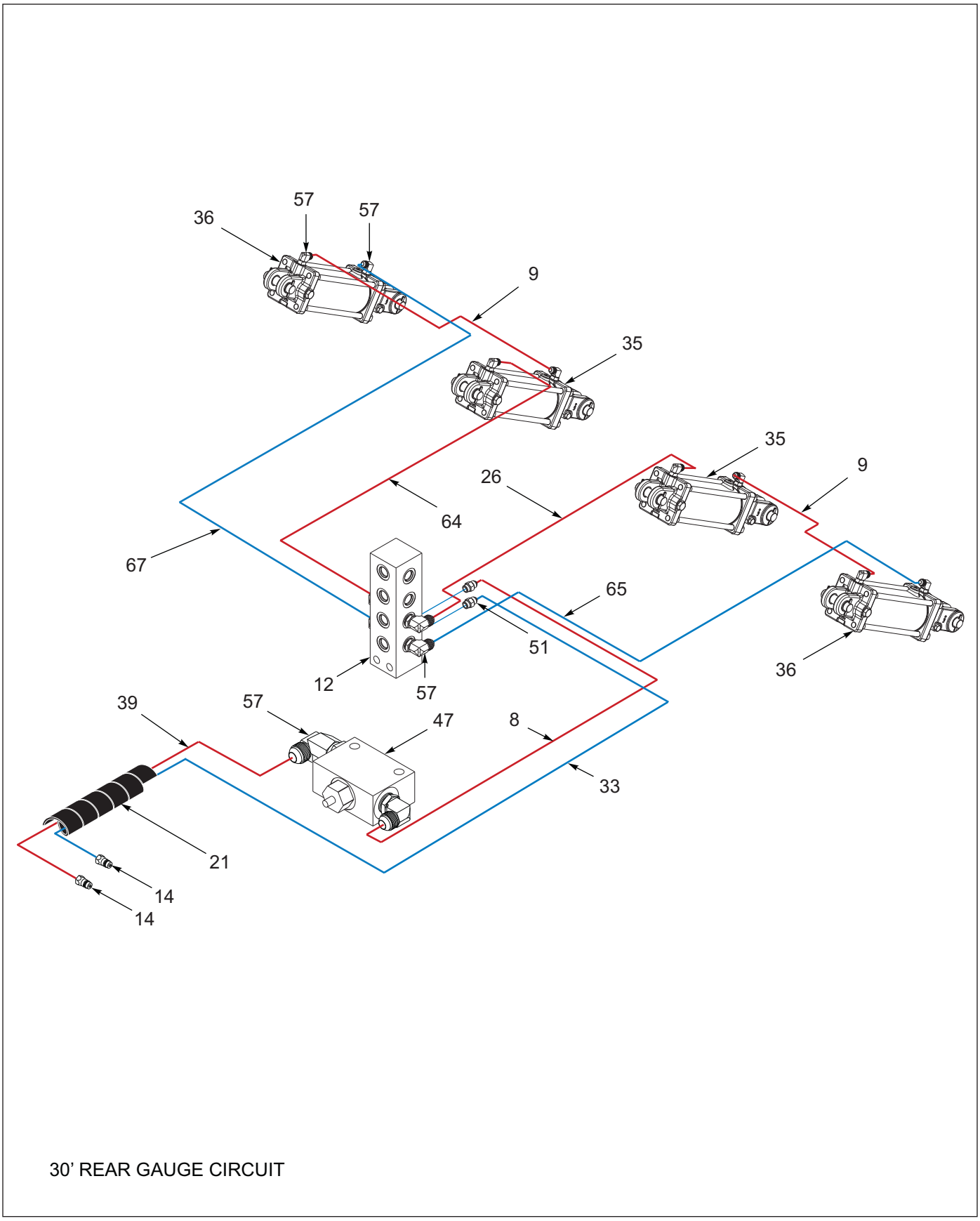


Figure 1-68: Hydraulic System - 30’ (AFTER 03/01/2018) (3 of 3)

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Hydraulic System - 30’ (AFTER 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-397-010301084	HOSE ASSY,1/2X84,SAE 37,STR	REF
2	1-397-010302042	HOSE ASSY,1/2X42,SAE37,STR-90	REF
3	1-397-010369324	HOSE ASSY,3/8X324, #8 JIC SWV	REF
4	102-0322	37 FLARE BULKHEAD/37 FLARE	REF
5	102-1187	PLUG,-8M O-RING AQP#900598-8S	REF
6	116432	HOSE ASSY, 3/8X60 #8 JIC SWV	REF
7	116437	HOSE ASSY, 3/8X267 #8 JIC SW	REF
8	116491	HOSE ASSY 3/8X96 #8 JIC SW	REF
9	117260	HOSE ASSY 3/8X156 #8JIC	REF
10	123066	HOSE ASSY 3/8X64 #8STR-#8-90	REF
11	137599	HOSE ASSY 3/8X126.25 #8JIC SWV	REF
12	141594	MANIFOLD, HYDRAULIC 16 PORT	REF
13	141826	ELBOW 90 1/16 RES	REF
14	141828	COUPLER,MALE 3/4-16 O-RING	REF
15	143852	ADAPTER TEE #10ORB #10JIC	REF
16	145200	CYLINDER 4-1/2 X 8 REPHASE	REF
17	145201	CYLINDER 4 X 8 REPHASE	REF
18	147585	HOSE ASSY3/8X336#8JICX#8O-RNG	REF
19	155528	HOSE WRAP, BLUE 1" ID X 8"	REF
20	155529	HOSE WRAP, YELLOW 1" ID X 8"	REF
21	155530	HOSE WRAP, BLACK 1" ID X 8"	REF
22	162671	CHECK VALVE W/ORIFICE	REF
23	164308	HOSE ASSY,3/8X285 #8JIC SWIV	REF
24	165335	HOSE ASY3/8X290 #8JICX#8 O/R	REF
25	172973	HOSE WRAP, RED	REF
26	181801	HOSE ASSY, 3/8x58 #8 JIC SWIV	REF
27	184585	VALVE,DUAL COUNTER BALANCE,30G	REF
28	187436	CYLINDER, HYD 7X60 WLD 3000PSI	REF
29	187651	HOSE 1/2X37JICX3/4-16ORINGX332	REF
30	192481	HOSE ASSY 3/8 X 88	REF
31	1413183	HOSE ASSY #6 .38X103.25HIPRES	REF
32	1413184	HOSE ASSY #6 .38X106.25HIPRES	REF
33	2-474-010022	MANIFOLD ASSY, HYDR 8 HOSE	REF
34	200743	MANIFOLD ASSY VALVE DOWN PRESS	REF
35	201275	CYLINDER, 4 X 10 REPHASE	REF
36	201276	CYLINDER, 3.75 X 10 REPHASE	REF
37	201341	HOSE ASSY, 3/8X350,-8FJX,-8ORB	REF
38	201343	HOSE ASSY, 3/8X395,-8FJX,-8ORB	REF
39	201344	HOSE ASSY, 3/8X460,-8FJX,-8ORB	REF
40	201347	CYLINDER-HYD,4X48,2-1/4RD,3000	REF
41	203424	HOSE ASSY 3/8X26 #8STR-#8-90	REF
42	203425	HOSE ASSY 3/8X33 #8STR-#8-90	REF
43	203426	HOSE ASSY 3/8X39 #8STR-#8-90	REF
44	203429	ACCUMULATOR-PISTON, 122 CI	REF
45	203447	VALVE-CHECK, 225 PSI, ASM	REF
46	203450	VALVE-LIMIT	REF
47	203467	VALVE-LIMIT, STROKE	REF
48	203566	HOSE ASM 1/2X93,-8FJX,-8FJX90S	REF

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Hydraulic System - 30’ (AFTER 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
49	203599	HOSE ASSY 1/2X 47,-8FJX,-8FJX	REF
50	210861	HOSE ASM1/2X36 -10FJX90S -8FJX	REF
51	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	REF
52	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	REF
53	202702-12-8S	ADAPTER, #12 O-RING #8 TUBE	REF
54	203005-8-8S	ADAPTER,TEE,#8 O-RING-TUBE	REF
55	203102-8-8S	ADAPTER,TEE,1/2 #8JICX#8JICSWV	REF
56	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	REF
57	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	REF
58	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	REF
59	2062-12-8S	ADAPTER,90,#12 O-RING-#8 TUBE	REF
60	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	REF
61	206209-8-8S	ADAPTER,90LONG,#8 O-RING-TUBE	REF
62	50976-26	HOSE #8 ASSY 48 OAL	REF
63	50002-76	HOSE #8 ASSY 89.25 OAL	REF
64	71508988	HOSE ASSY 3/8 X 80	REF
65	71509000	HOSE ASM 3/8 X202	REF
66	71509382	HOSE ASSY .38 X 112	REF
67	71600088	HOSE ASSY 3/8 X228IN	REF

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NOTES:

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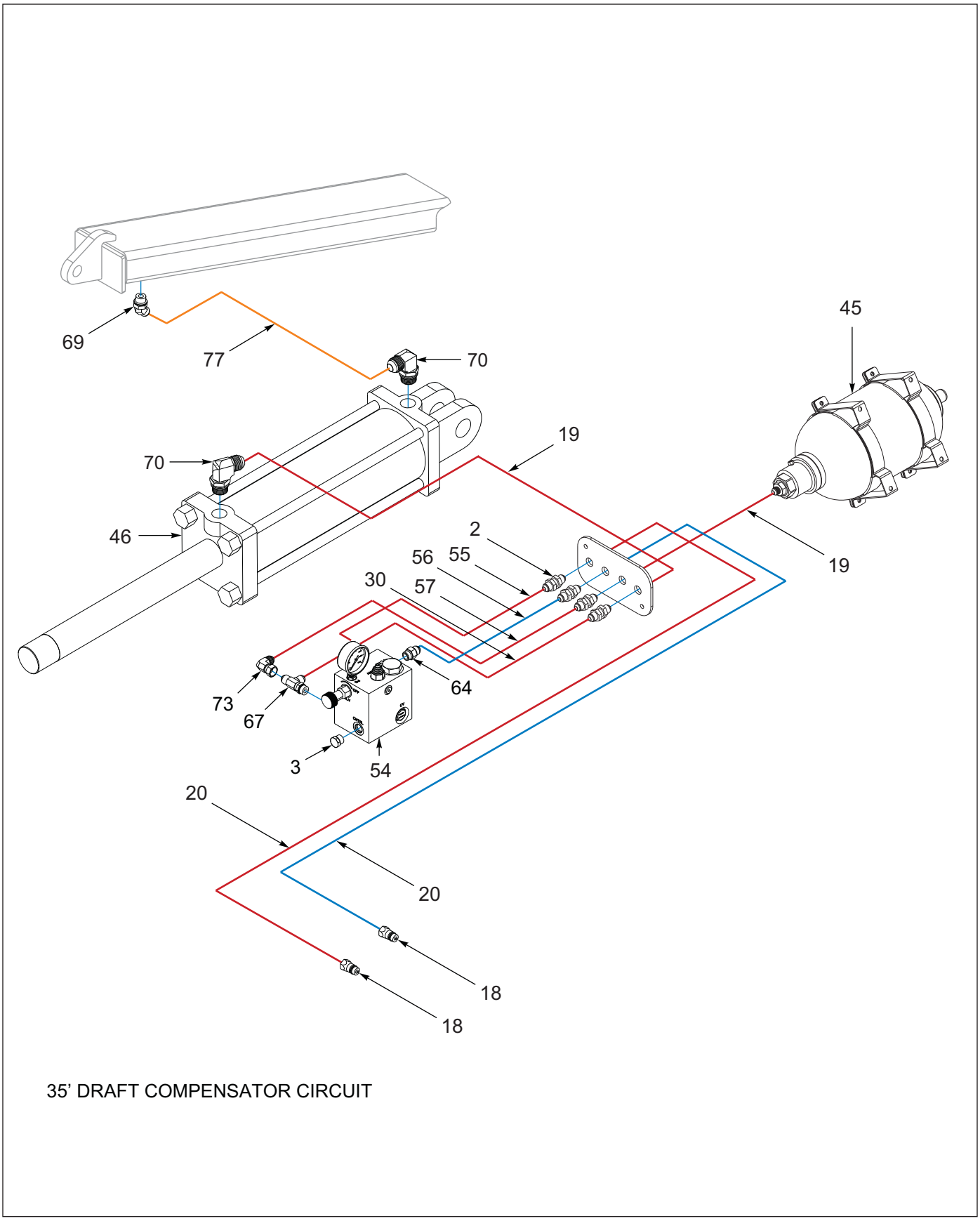


Figure 1-69: Hydraulic System - 35’ (BEFORE 03/01/2018) (1 of 4)

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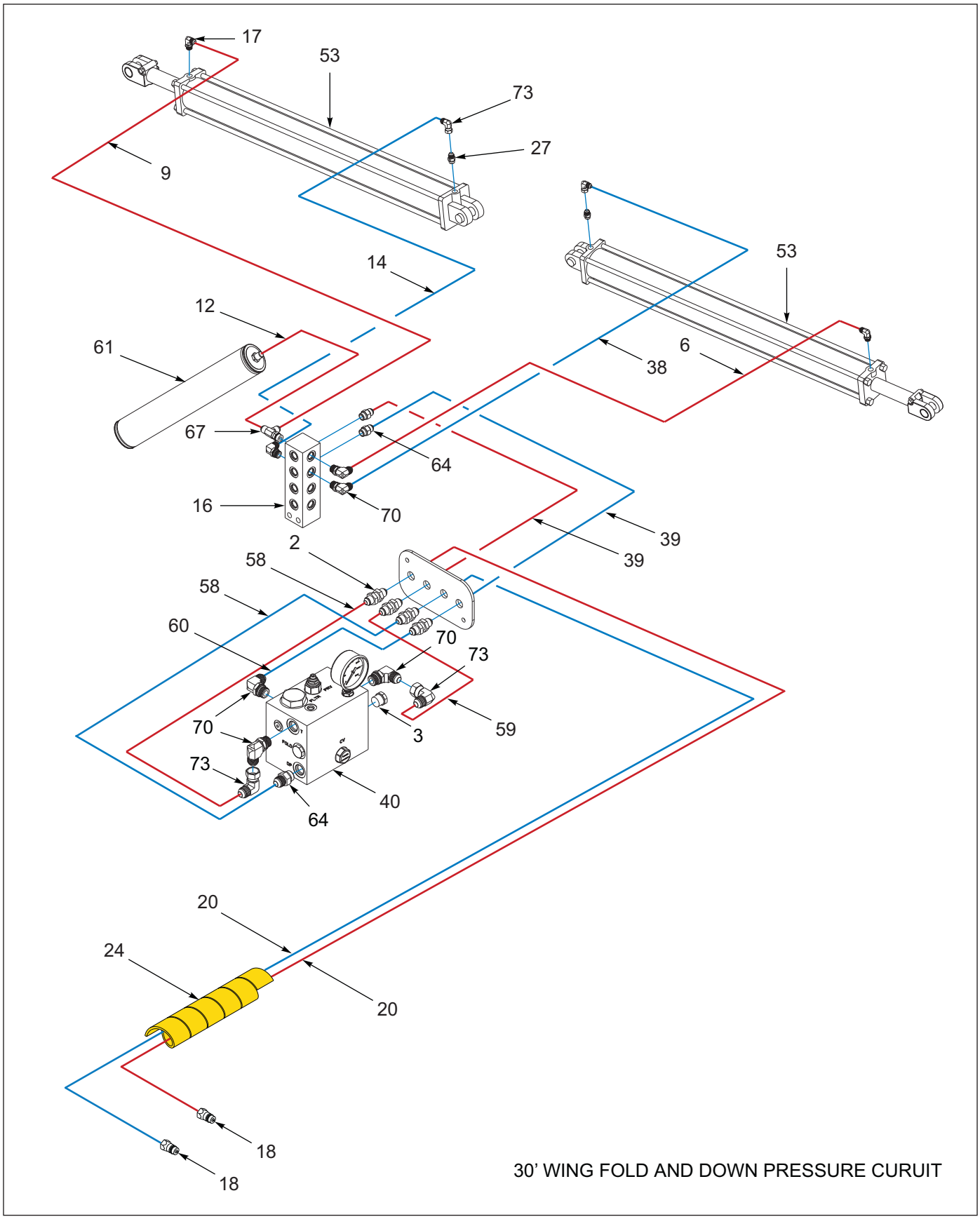


Figure 1-70: Hydraulic System - 35’ (BEFORE 03/01/2018) (2 of 4)

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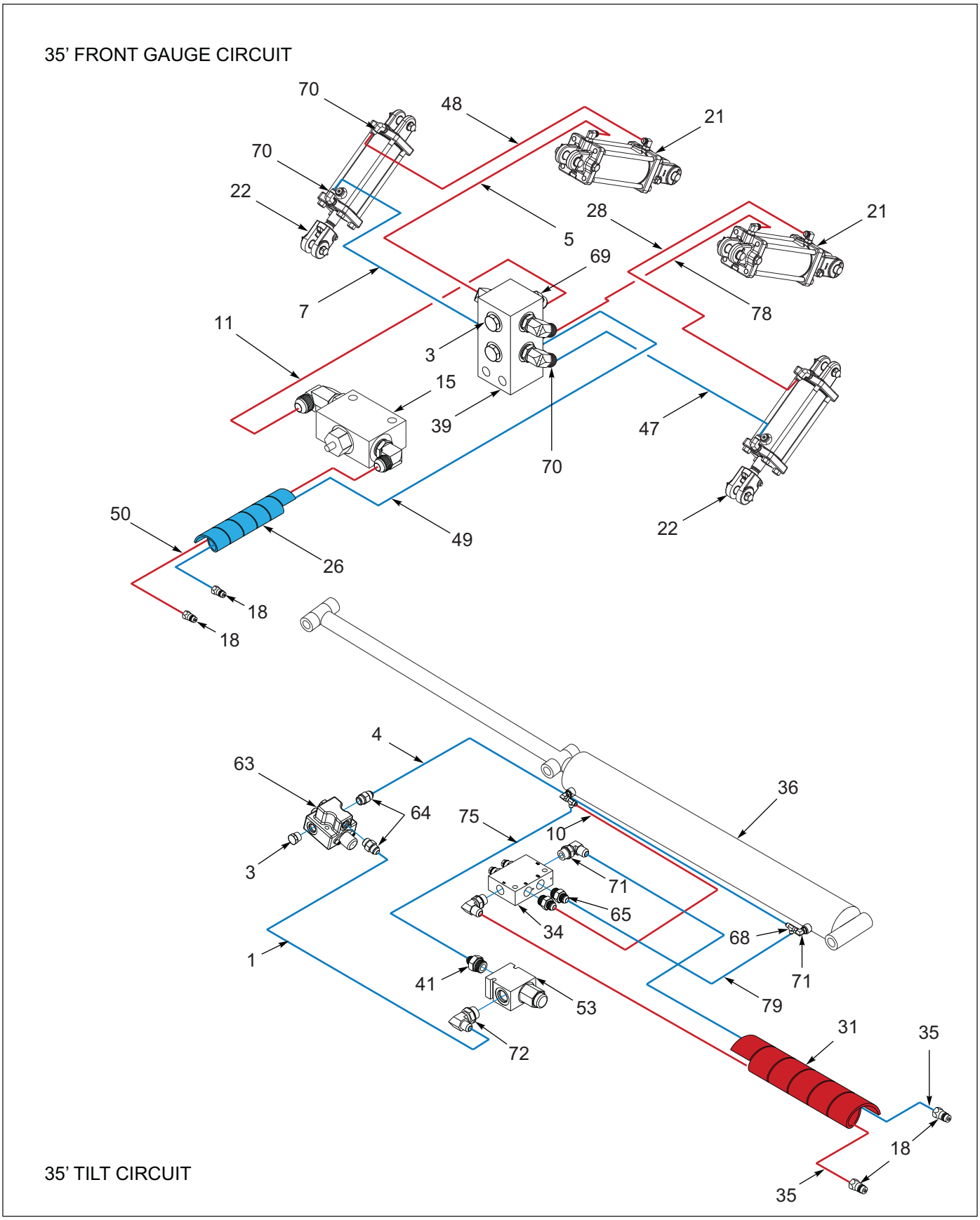


Figure 1-71: Hydraulic System - 35’ (BEFORE 03/01/2018) (3of 4)

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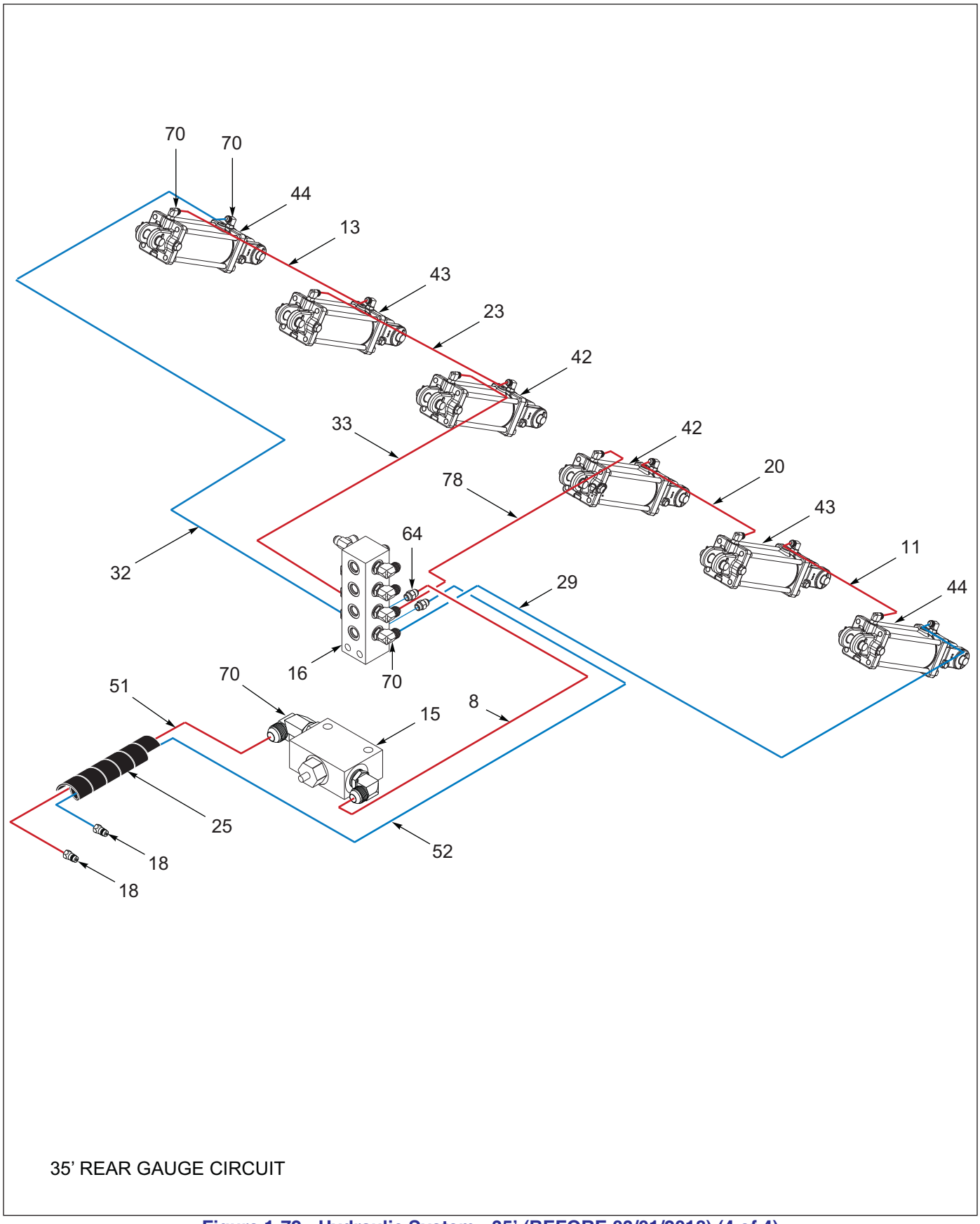


Figure 1-72: Hydraulic System - 35’ (BEFORE 03/01/2018) (4 of 4)

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Hydraulic System - 35’ (BEFORE 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-397-010302042	HOSE ASSY,1/2X42,SAE37,STR-90	REF
2	102-0322	37 FLARE BULKHEAD/37 FLARE	REF
3	102-1187	PLUG,-8M O-RING AQP#900598-8S	REF
4	104369	HOSE ASSY 1/2X96,SAE37,STR-90	REF
5	116432	HOSE ASSY, 3/8X60 #8 JIC SWV	REF
6	116434	HOSE ASSY, 3/8X120 #8 JIC SW	REF
7	116437	HOSE ASSY, 3/8X267 #8 JIC SW	REF
8	116491	HOSE ASSY 3/8X96 #8 JIC SW	REF
9	117260	HOSE ASSY 3/8X156 #8JIC	REF
10	121002	HOSE ASSY1/2X45,SAE37,STR-STR	REF
11	122909	HOSE ASSY 3/8X82,#8 JIC SWVL	REF
12	123066	HOSE ASSY 3/8X64 #8STR-#8-90	REF
13	137598	HOSE ASSY #6 .38X123.25HIPRES	REF
14	137599	HOSE ASSY 3/8X126.25 #8JIC SWV	REF
15	140693	VALVE, LIMIT	REF
16	141594	MANIFOLD, HYDRAULIC 16 PORT	REF
17	141826	ELBOW 90 1/16 RES	REF
18	141828	COUPLER,MALE 3/4-16 O-RING	REF
19	141883	HOSE ASSY 3/8X190 #8 JIC SWIV	REF
20	141888	HOSE ASSY 3/8X320 #8JICX#8OR	REF
21	145200	CYLINDER 4-1/2 X 8 REPHASE	REF
22	145201	CYLINDER 4 X 8 REPHASE	REF
23	153620	HOSE ASSY 3/8X140 #8 JIC SWIV	REF
24	155529	HOSE WRAP, YELLOW 1" ID X 8"	REF
25	155530	HOSE WRAP, BLACK 1" ID X 8"	REF
26	155828	WASHER, 3.063 X 4.00 X .135	REF
27	162671	CHECK VALVE W/ORIFICE	REF
28	164308	HOSE ASSY,3/8X285 #8JIC SWIV	REF
29	164309	HOSE ASSY 3/8X300 #8JIC SWIV	REF
30	171760	HOSE ASSY 3/8 X 32 #8STR-#8-90	REF
31	172973	HOSE WRAP, RED	REF
32	180117	HOSE ASSY, 3/8X275, #8JIC SWIV	REF
33	181801	HOSE ASSY, 3/8x58 #8 JIC SWIV	REF
34	184585	VALVE,DUAL COUNTER BALANCE,30G	REF
35	188846	HOSE ASSY, 1/2X382,-8FJX/-8ORB	REF
36	199920	CYLINDER-HYDR, 8X60, 3000PSI	REF
37	1413183	HOSE ASSY #6 .38X103.25HIPRES	REF
38	1413184	HOSE ASSY #6 .38X106.25HIPRES	REF
39	2-474-010022	MANIFOLD ASSY, HYDR 8 HOSE	REF
40	200743	MANIFOLD ASSY VALVE DOWN PRESS	REF
41	210765	PLATE-BULKHEAD BLANK	REF
42	201275	CYLINDER, 4 X 10 REPHASE	REF
43	201276	CYLINDER, 3.75 X 10 REPHASE	REF
44	201277	CYLINDER, 3.5 X 10 REPHASE	REF
45	201284	ACCUMULATOR-BLADR,10 L,3000PSI	REF
46	201292	CYLINDER-HYD,3-1/2 X10,3000PSI	REF
47	201311	HOSE ASSY 3/8X350,-8FJX,-8FJX	REF
48	201313	HOSE ASSY 3/8X335,-8FJX,-8FJX	REF

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Hydraulic System - 35’ (BEFORE 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
49	201341	HOSE ASSY, 3/8X350,-8FJX,-8ORB	REF
50	201342	HOSE ASSY, 3/8X375,-8FJX,-8ORB	REF
51	201344	HOSE ASSY, 3/8X460,-8FJX,-8ORB	REF
52	201346	HOSE ASSY 3/8X420,-8FJX,-8ORB	REF
53	201347	CYLINDER-HYD,4X48,2-1/4RD,3000	REF
54	203386	MANIFOLD ASSY DRAFT COMP	REF
55	203421	HOSE ASSY 3/8X21 #8STR-#8-90	REF
56	203422	HOSE ASSY 3/8X23 #8STR-#8-90	REF
57	203423	HOSE ASSY 3/8X29 #8STR-#8-90	REF
58	203424	HOSE ASSY 3/8X26 #8STR-#8-90	REF
59	203425	HOSE ASSY 3/8X33 #8STR-#8-90	REF
60	203426	HOSE ASSY 3/8X39 #8STR-#8-90	REF
61	203429	ACCUMULATOR-PISTON, 122 CI	REF
62	203447	VALVE-CHECK, 225 PSI, ASM	REF
63	203450	VALVE-LIMIT	REF
64	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	REF
65	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	REF
66	202702-12-8S	ADAPTER, #12 O-RING #8 TUBE	REF
67	203005-8-8S	ADAPTER,TEE,#8 O-RING-TUBE	REF
68	203102-8-8S	ADAPTER,TEE,1/2 #8JICX#8JICSWV	REF
69	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	REF
70	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	REF
71	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	REF
72	2062-12-8S	ADAPTER,90,#12 O-RING-#8 TUBE	REF
73	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	REF
74	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	REF
75	50976-26	HOSE #8 ASSY 48 OAL	REF
76	71508985	HOSE ASSY .38 X 30	REF
77	71508988	HOSE ASSY 3/8 X 80	REF
78	71509382	HOSE ASSY .38 X 112	REF
79	71600087	HOSE ASSY 1/2X48 SAE37 STR	REF

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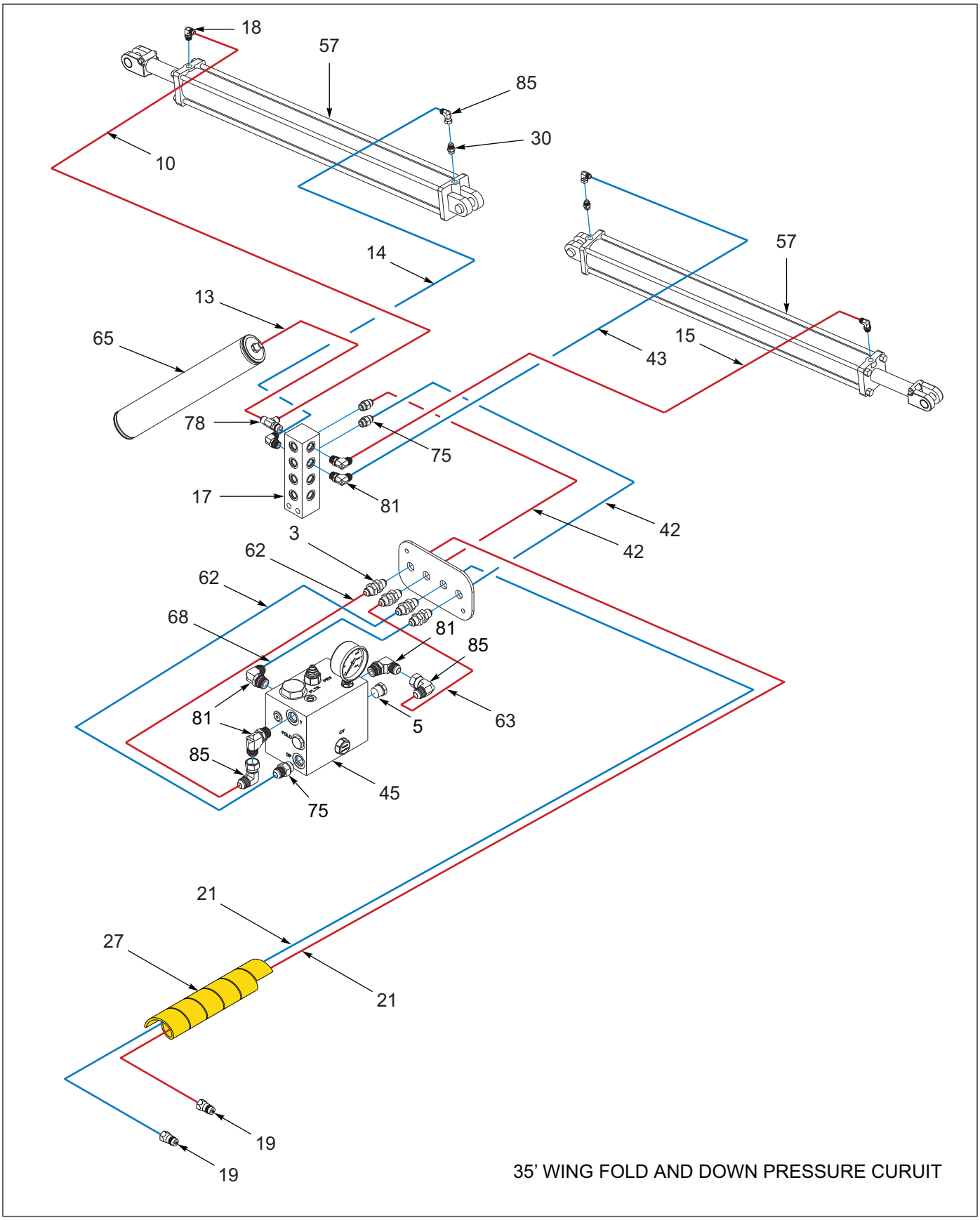


Figure 1-73: Hydraulic System - 35' (AFTER 03/01/2018) (1 of 3)

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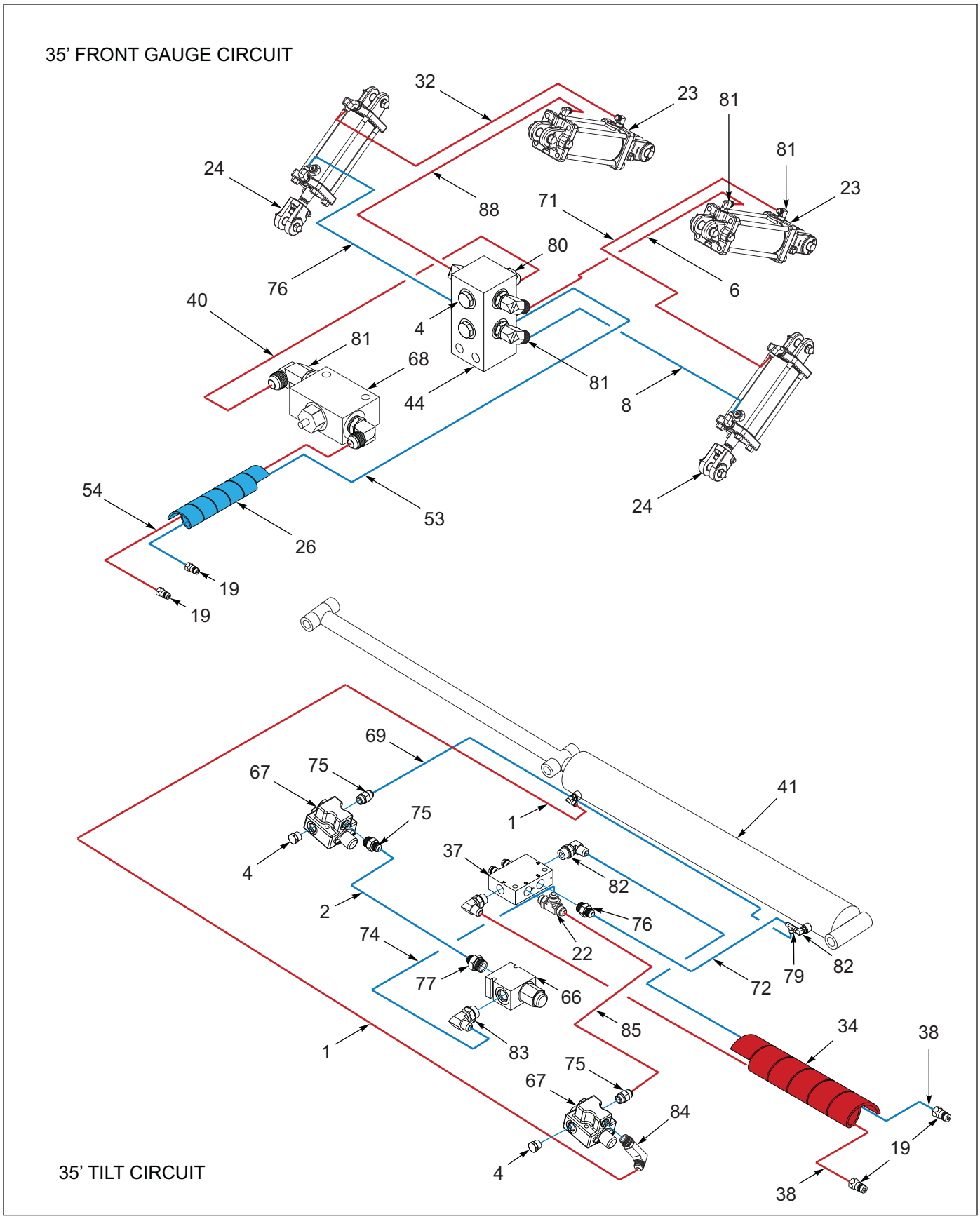


Figure 1-74: Hydraulic System - 35’ (AFTER 03/01/2018) (2 of 3)

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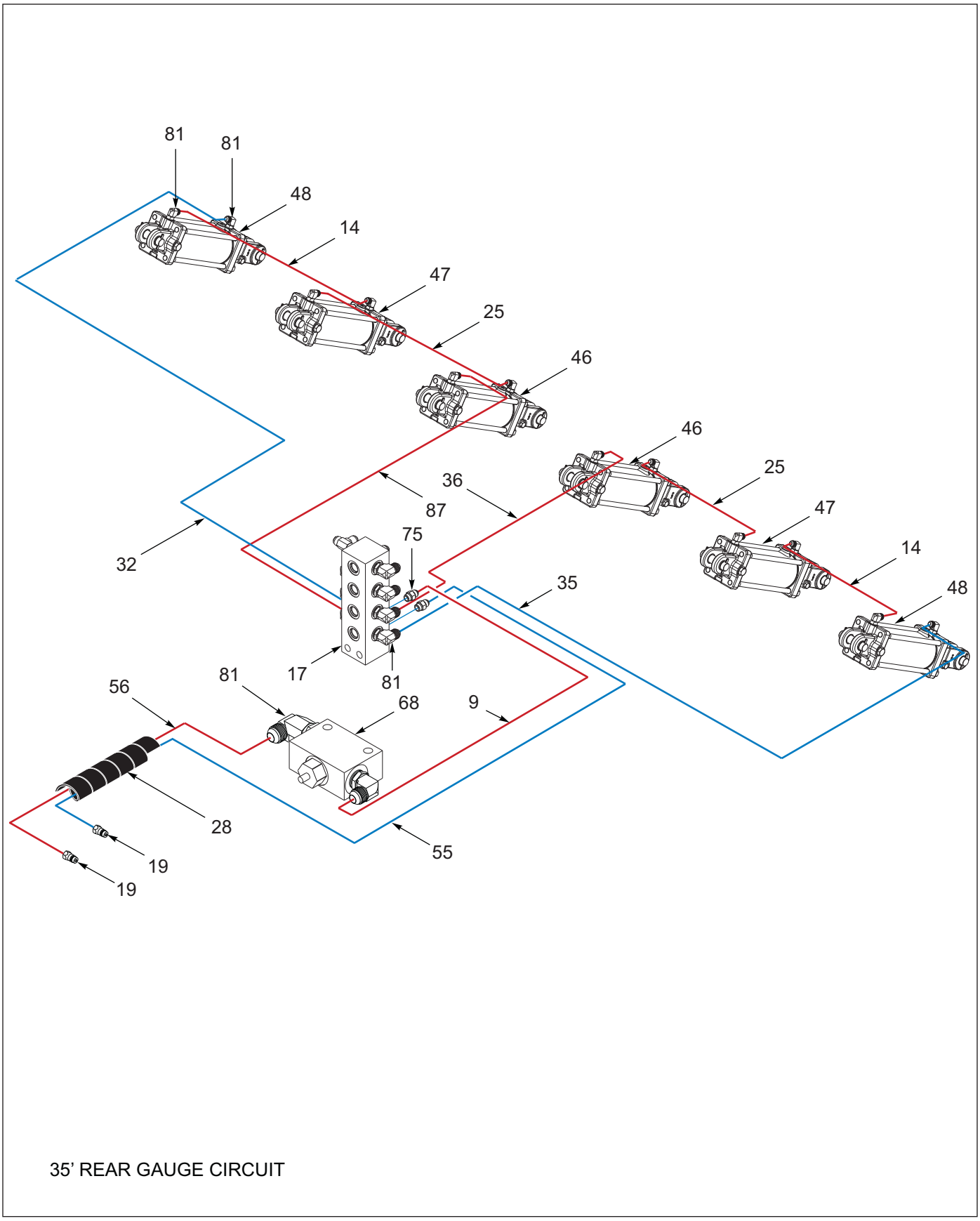


Figure 1-75: Hydraulic System - 35' (AFTER 03/01/2018) (3 of 3)

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Hydraulic System - 35’ (AFTER 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-397-010301084	HOSE ASSY,1/2X84,SAE 37,STR	REF
2	1-397-010302042	HOSE ASSY,1/2X42,SAE37,STR-90	REF
3	102-0322	37 FLARE BULKHEAD/37 FLARE	REF
4	102-1187	PLUG,-8M O-RING AQP#900598-8S	REF
5	104369	HOSE ASSY 1/2X96,SAE37,STR-90	REF
6	116432	HOSE ASSY, 3/8X60 #8 JIC SWV	REF
7	116434	HOSE ASSY, 3/8X120 #8 JIC SW	REF
8	116437	HOSE ASSY, 3/8X267 #8 JIC SW	REF
9	116491	HOSE ASSY 3/8X96 #8 JIC SW	REF
10	117260	HOSE ASSY 3/8X156 #8JIC	REF
11	121002	HOSE ASSY1/2X45,SAE37,STR-STR	REF
12	122909	HOSE ASSY 3/8X82,#8 JIC SWVL	REF
13	123066	HOSE ASSY 3/8X64 #8STR-#8-90	REF
14	137598	HOSE ASSY #6 .38X123.25HIPRES	REF
15	137599	HOSE ASSY 3/8X126.25 #8JIC SWV	REF
16	140693	VALVE, LIMIT	REF
17	141594	MANIFOLD, HYDRAULIC 16 PORT	REF
18	141826	ELBOW 90 1/16 RES	REF
19	141828	COUPLER,MALE 3/4-16 O-RING	REF
20	141883	HOSE ASSY 3/8X190 #8 JIC SWIV	REF
21	141888	HOSE ASSY 3/8X320 #8JICX#8OR	REF
22	143852	ADAPTER TEE #10ORB #10JIC	REF
23	145200	CYLINDER 4-1/2 X 8 REPHASE	REF
24	145201	CYLINDER 4 X 8 REPHASE	REF
25	153620	HOSE ASSY 3/8X140 #8 JIC SWIV	REF
26	155528	HOSE WRAP, BLUE 1" ID X 8"	REF
27	155529	HOSE WRAP, YELLOW 1" ID X 8"	REF
28	155530	HOSE WRAP, BLACK 1" ID X 8"	REF
29	155828	WASHER, 3.063 X 4.00 X .135	REF
30	162671	CHECK VALVE W/ORIFICE	REF
31	164308	HOSE ASSY,3/8X285 #8JIC SWIV	REF
32	164309	HOSE ASSY 3/8X300 #8JIC SWIV	REF
33	171760	HOSE ASSY 3/8 X 32 #8STR-#8-90	REF
34	172973	HOSE WRAP, RED	REF
35	180117	HOSE ASSY, 3/8X275, #8JIC SWIV	REF
36	181801	HOSE ASSY, 3/8x58 #8 JIC SWIV	REF
37	184585	VALVE,DUAL COUNTER BALANCE,30G	REF
38	188845	HOSE ASSY,1/2X 362,-8FJX/-8ORB	REF
39	188846	HOSE ASSY, 1/2X382,-8FJX/-8ORB	REF
40	192481	HOSE ASSY 3/8 X 88	REF
41	199920	CYLINDER-HYDR, 8X60, 3000PSI	REF
42	1413183	HOSE ASSY #6 .38X103.25HIPRES	REF
43	1413184	HOSE ASSY #6 .38X106.25HIPRES	REF
44	2-474-010022	MANIFOLD ASSY, HYDR 8 HOSE	REF
45	200743	MANIFOLD ASSY VALVE DOWN PRESS	REF
46	201275	CYLINDER, 4 X 10 REPHASE	REF
47	201276	CYLINDER, 3.75 X 10 REPHASE	REF
48	201277	CYLINDER, 3.5 X 10 REPHASE	REF

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Hydraulic System - 35’ (AFTER 03/01/2018)

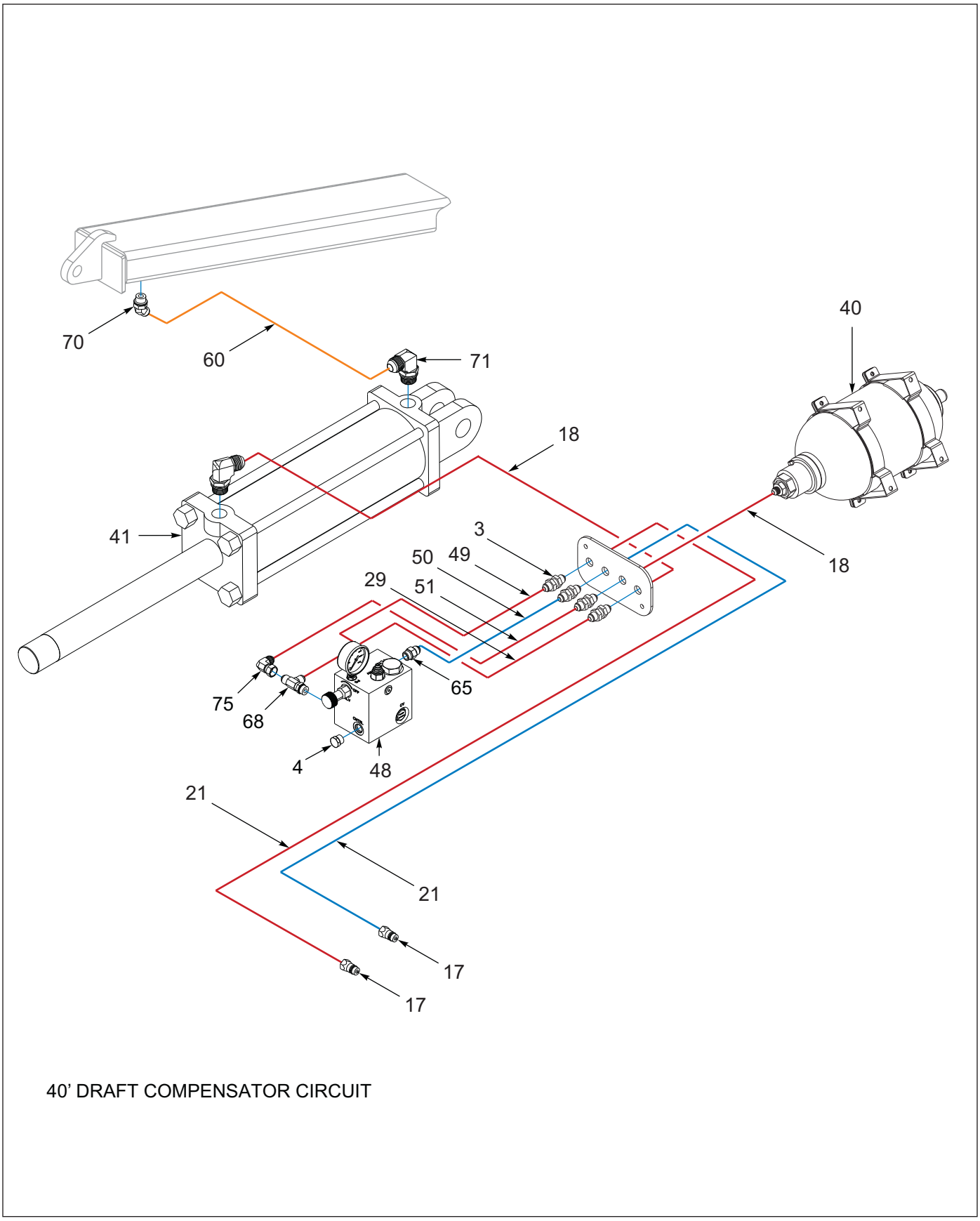
ITEM	PART NO.	DESCRIPTION	QTY.
49	201284	ACCUMULATOR-BLADR,10 L,3000PSI	REF
50	201292	CYLINDER-HYD,3-1/2 X10,3000PSI	REF
51	201311	HOSE ASSY 3/8X350,-8FJX,-8FJX	REF
52	201313	HOSE ASSY 3/8X335,-8FJX,-8FJX	REF
53	201341	HOSE ASSY, 3/8X350,-8FJX,-8ORB	REF
54	201342	HOSE ASSY, 3/8X375,-8FJX,-8ORB	REF
55	201344	HOSE ASSY, 3/8X460,-8FJX,-8ORB	REF
56	201346	HOSE ASSY 3/8X420,-8FJX,-8ORB	REF
57	201347	CYLINDER-HYD,4X48,2-1/4RD,3000	REF
58	203386	MANIFOLD ASSY DRAFT COMP	REF
59	203421	HOSE ASSY 3/8X21 #8STR-#8-90	REF
60	203422	HOSE ASSY 3/8X23 #8STR-#8-90	REF
61	203423	HOSE ASSY 3/8X29 #8STR-#8-90	REF
62	203424	HOSE ASSY 3/8X26 #8STR-#8-90	REF
63	203425	HOSE ASSY 3/8X33 #8STR-#8-90	REF
64	203426	HOSE ASSY 3/8X39 #8STR-#8-90	REF
65	203429	ACCUMULATOR-PISTON, 122 CI	REF
66	203447	VALVE-CHECK, 225 PSI, ASM	REF
67	203450	VALVE-LIMIT	REF
68	203467	VALVE-LIMIT, STROKE	REF
69	203566	HOSE ASM 1/2X93,-8FJX,-8FJX90S	REF
70	203597	HOSE ASSY 3/8X314,-8FJX,-8FJX	REF
71	203598	HOSE ASSY 3/8X317,-8FJX,-8FJX	REF
72	203599	HOSE ASSY 1/2X 47,-8FJX,-8FJX	REF
73	210765	PLATE-BULKHEAD BLANK	REF
74	210861	HOSE ASM1/2X36 -10FJX90S -8FJX	REF
75	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	REF
76	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	REF
77	202702-12-8S	ADAPTER, #12 O-RING #8 TUBE	REF
78	203005-8-8S	ADAPTER,TEE,#8 O-RING-TUBE	REF
79	203102-8-8S	ADAPTER,TEE,1/2 #8JICX#8JICSWV	REF
80	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	REF
81	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	REF
82	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	REF
83	2062-12-8S	ADAPTER,90,#12 O-RING-#8 TUBE	REF
84	206209-8-8S	ADAPTER,90LONG,#8 O-RING-TUBE	REF
85	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	REF
86	50976-26	HOSE #8 ASSY 48 OAL	REF
87	71508985	HOSE ASSY .38 X 30	REF
88	71508988	HOSE ASSY 3/8 X 80	REF
89	71509382	HOSE ASSY .38 X 112	REF
90	71600087	HOSE ASSY 1/2X48 SAE37 STR	REF

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40’ DRAFT COMPENSATOR CIRCUIT

Figure 1-76: Hydraulic System - 40’ (BEFORE 03/01/2018) (1 of 4)

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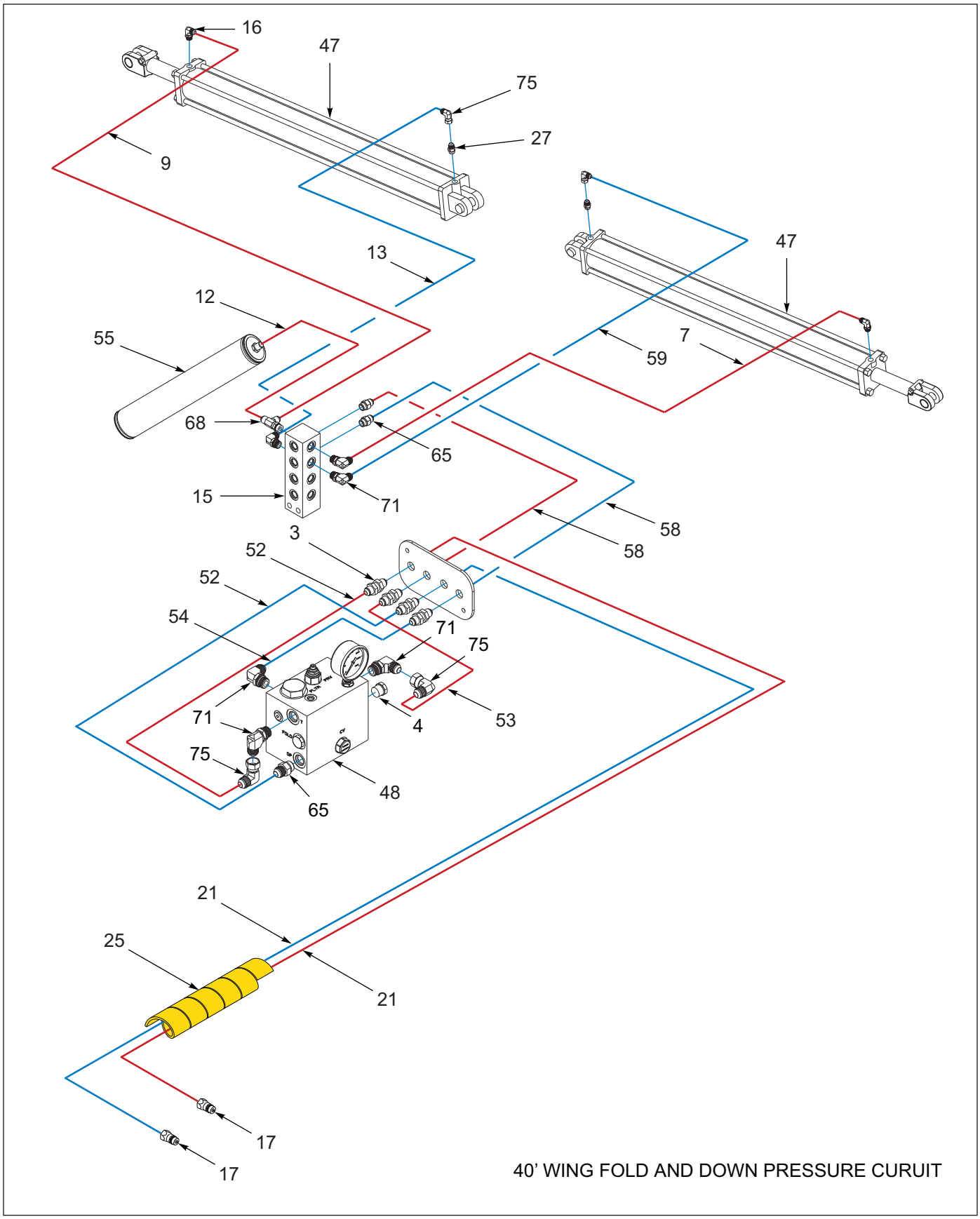


Figure 1-77: Hydraulic System - 40’ (BEFORE 03/01/2018) (2 of 4)

https://truckmanualshub.com/

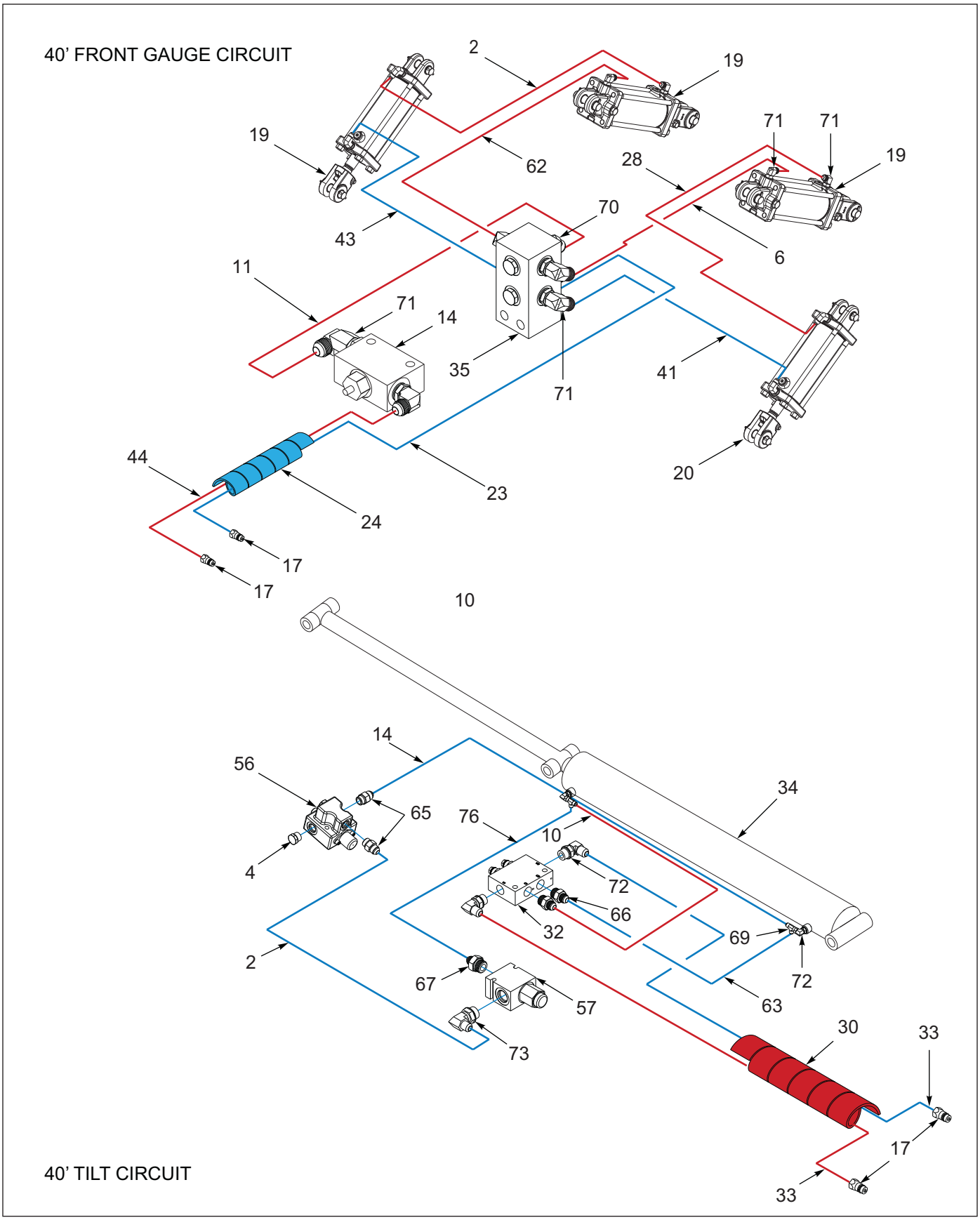


Figure 1-78: Hydraulic System - 40’ (BEFORE 03/01/2018) (3 of 4)

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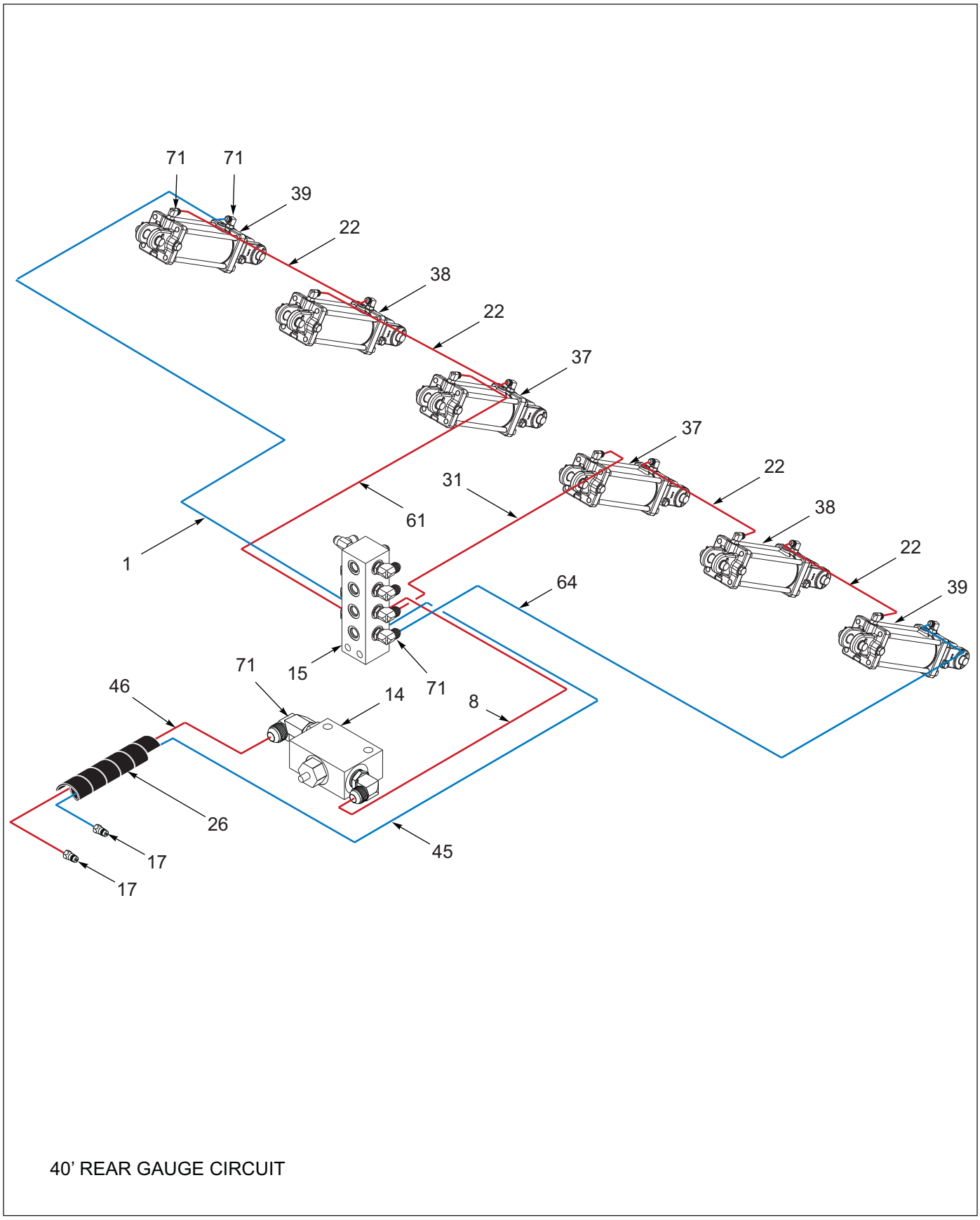


Figure 1-79: Hydraulic System - 40’ (BEFORE 03/01/2018) (4 of 4)

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Hydraulic System - 40’ (BEFORE 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-397-010302042	HOSE ASSY,1/2X42,SAE37,STR-90	REF
2	1-397-010369324	HOSE ASSY,3/8X324, #8 JIC SWV	REF
3	102-0322	37 FLARE BULKHEAD/37 FLARE	REF
4	102-1187	PLUG,-8M O-RING AQP#900598-8S	REF
5	104369	HOSE ASSY 1/2X96,SAE37,STR-90	REF
6	116432	HOSE ASSY, 3/8X60 #8 JIC SWV	REF
7	116434	HOSE ASSY, 3/8X120 #8 JIC SW	REF
8	116491	HOSE ASSY 3/8X96 #8 JIC SW	REF
9	117260	HOSE ASSY 3/8X156 #8JIC	REF
10	121002	HOSE ASSY1/2X45,SAE37,STR-STR	REF
11	122909	HOSE ASSY 3/8X82,#8 JIC SWVL	REF
12	123066	HOSE ASSY 3/8X64 #8STR-#8-90	REF
13	137599	HOSE ASSY 3/8X126.25 #8JIC SWV	REF
14	140693	VALVE, LIMIT	REF
15	141594	MANIFOLD, HYDRAULIC 16 PORT	REF
16	141826	ELBOW 90 1/16 RES	REF
17	141828	COUPLER,MALE 3/4-16 O-RING	REF
18	141883	HOSE ASSY 3/8X190 #8 JIC SWIV	REF
19	145200	CYLINDER 4-1/2 X 8 REPHASE	REF
20	145201	CYLINDER 4 X 8 REPHASE	REF
21	150272	HOSE ASSY3/8X362#8JICX#8O-RNG	REF
22	153620	HOSE ASSY 3/8X140 #8 JIC SWIV	REF
23	153622	HOSE ASSY 3/8X385 #8JICX#8OR	REF
24	155528	HOSE WRAP, BLUE 1" ID X 8"	REF
25	155529	HOSE WRAP, YELLOW 1" ID X 8"	REF
26	155530	HOSE WRAP, BLACK 1" ID X 8"	REF
27	162671	CHECK VALVE W/ORIFICE	REF
28	164308	HOSE ASSY,3/8X285 #8JIC SWIV	REF
29	171760	HOSE ASSY 3/8 X 32 #8STR-#8-90	REF
30	172973	HOSE WRAP, RED	REF
31	181801	HOSE ASSY, 3/8x58 #8 JIC SWIV	REF
32	184585	VALVE,DUAL COUNTER BALANCE,30G	REF
33	188850	HOSE ASSY, 1/2X412,-8FJX/-8ORB	REF
34	199920	CYLINDER-HYDR, 8X60, 3000PSI	REF
35	2-474-010022	MANIFOLD ASSY, HYDR 8 HOSE	REF
36	200743	MANIFOLD ASSY VALVE DOWN PRESS	REF
37	201275	CYLINDER, 4 X 10 REPHASE	REF
38	201276	CYLINDER, 3.75 X 10 REPHASE	REF
39	201277	CYLINDER, 3.5 X 10 REPHASE	REF
40	201284	ACCUMULATOR-BLADR,10 L,3000PSI	REF
41	201292	CYLINDER-HYD,3-1/2 X10,3000PSI	REF
42	201311	HOSE ASSY 3/8X350,-8FJX,-8FJX	REF
43	201312	HOSE ASSY 3/8X375,-8FJX,-8FJX	REF
44	201343	HOSE ASSY, 3/8X395,-8FJX,-8ORB	REF
45	201344	HOSE ASSY, 3/8X460,-8FJX,-8ORB	REF
46	201345	HOSE ASSY 3/8X512,-8FJX,-8ORB	REF
47	201347	CYLINDER-HYD,4X48,2-1/4RD,3000	REF
48	203386	MANIFOLD ASSY DRAFT COMP	REF

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Hydraulic System - 40’ (BEFORE 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
49	203421	HOSE ASSY 3/8X21 #8STR-#8-90	REF
50	203422	HOSE ASSY 3/8X23 #8STR-#8-90	REF
51	203423	HOSE ASSY 3/8X29 #8STR-#8-90	REF
52	203424	HOSE ASSY 3/8X26 #8STR-#8-90	REF
53	203425	HOSE ASSY 3/8X33 #8STR-#8-90	REF
54	203426	HOSE ASSY 3/8X39 #8STR-#8-90	REF
55	203429	ACCUMULATOR-PISTON, 122 CI	REF
56	203447	VALVE-CHECK, 225 PSI, ASM	REF
57	203450	VALVE-LIMIT	REF
58	1413183	HOSE ASSY #6 .38X103.25HIPRES	REF
59	1413184	HOSE ASSY #6 .38X106.25HIPRES	REF
60	71508985	HOSE ASSY .38 X 30	REF
61	71508988	HOSE ASSY 3/8 X 80	REF
62	71509382	HOSE ASSY .38 X 112	REF
63	71600087	HOSE ASSY 1/2X48 SAE37 STR	REF
64	71600089	HOSE ASSY 3/8 X 295IN	REF
65	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	REF
66	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	REF
67	202702-12-8S	ADAPTER, #12 O-RING #8 TUBE	REF
68	203005-8-8S	ADAPTER,TEE,#8 O-RING-TUBE	REF
69	203102-8-8S	ADAPTER,TEE,1/2 #8JICX#8JICSWV	REF
70	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	REF
71	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	REF
72	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	REF
73	2062-12-8S	ADAPTER,90,#12 O-RING-#8 TUBE	REF
74	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	REF
75	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	REF
76	50976-26	HOSE #8 ASSY 48 OAL	REF

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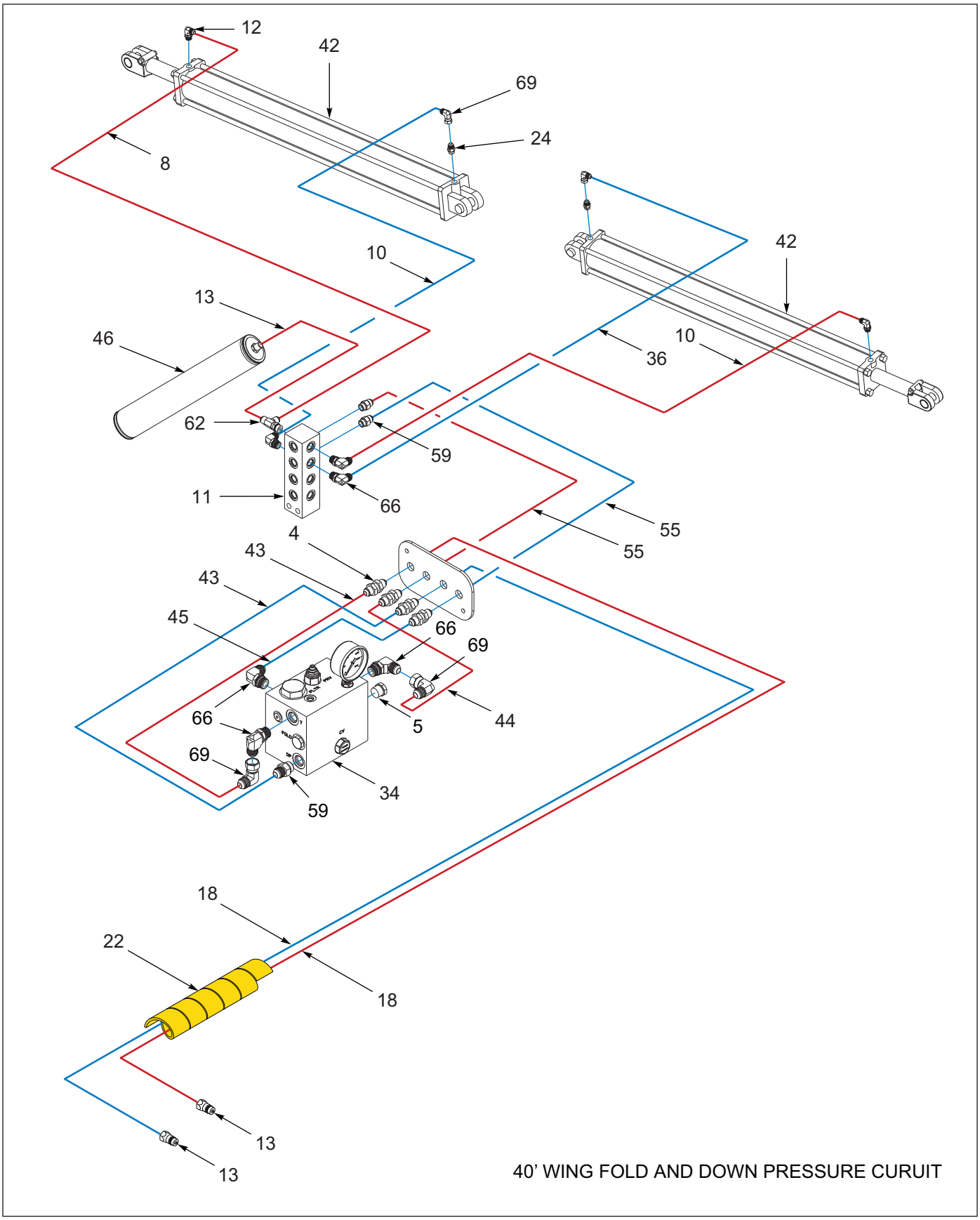


Figure 1-80: Hydraulic System - 40’ (AFTER 03/01/2018) (1 of 3)

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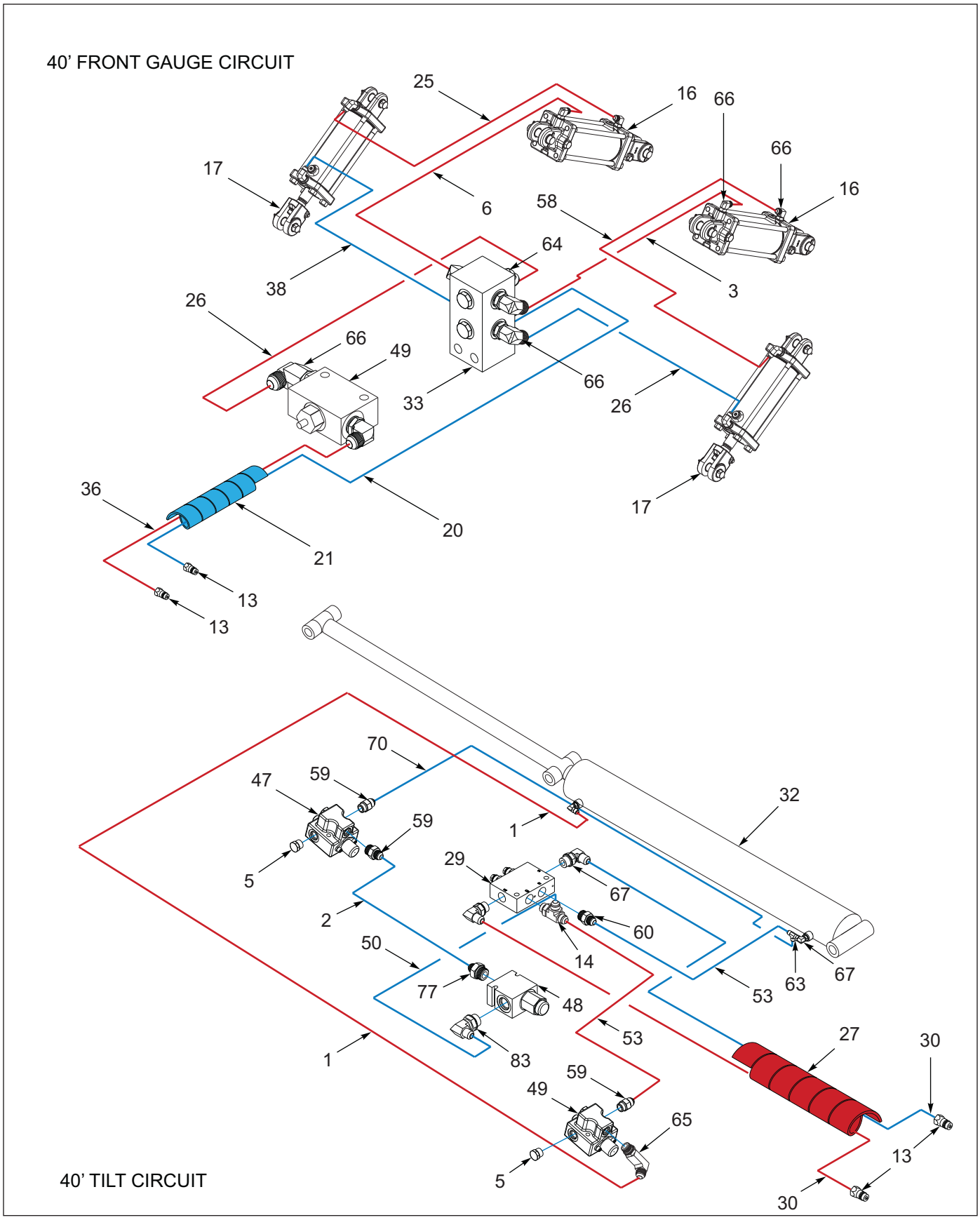


Figure 1-81: Hydraulic System - 40’ (AFTER 03/01/2018) (2 of 3)

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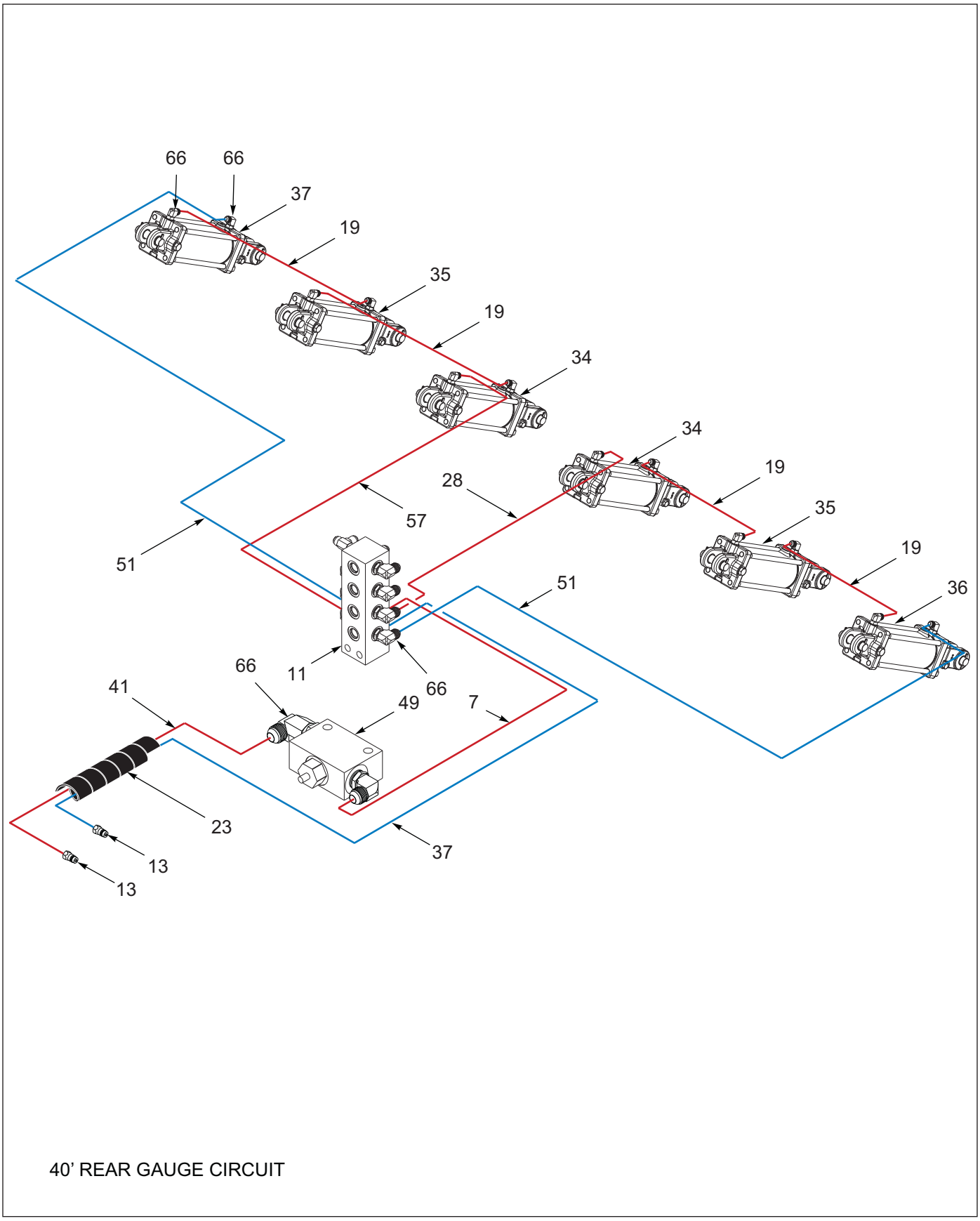


Figure 1-82: Hydraulic System - 40’ (AFTER 03/01/2018) (3 of 3)

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Hydraulic System - 40’ (AFTER 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
1	1-397-010301084	HOSE ASSY,1/2X84,SAE 37,STR	REF
2	1-397-010302042	HOSE ASSY,1/2X42,SAE37,STR-90	REF
3	1-397-010369324	HOSE ASSY,3/8X324, #8 JIC SWV	REF
4	102-0322	37 FLARE BULKHEAD/37 FLARE	REF
5	102-1187	PLUG,-8M O-RING AQP#900598-8S	REF
6	116432	HOSE ASSY, 3/8X60 #8 JIC SWV	REF
7	116491	HOSE ASSY 3/8X96 #8 JIC SW	REF
8	117260	HOSE ASSY 3/8X156 #8JIC	REF
9	123066	HOSE ASSY 3/8X64 #8STR-#8-90	REF
10	137599	HOSE ASSY 3/8X126.25 #8JIC SWV	REF
11	141594	MANIFOLD, HYDRAULIC 16 PORT	REF
12	141826	ELBOW 90 1/16 RES	REF
13	141828	COUPLER,MALE 3/4-16 O-RING	REF
14	143852	ADAPTER TEE #10ORB #10JIC	REF
15	143853	PLUG #10 M ORB HEX SOCKET	REF
16	145200	CYLINDER 4-1/2 X 8 REPHASE	REF
17	145201	CYLINDER 4 X 8 REPHASE	REF
18	150272	HOSE ASSY3/8X362#8JICX#8O-RNG	REF
19	153620	HOSE ASSY 3/8X140 #8 JIC SWIV	REF
20	153622	HOSE ASSY 3/8X385 #8JICX#8OR	REF
21	155528	HOSE WRAP, BLUE 1" ID X 8"	REF
22	155529	HOSE WRAP, YELLOW 1" ID X 8"	REF
23	155530	HOSE WRAP, BLACK 1" ID X 8"	REF
24	162671	CHECK VALVE W/ORIFICE	REF
25	164308	HOSE ASSY,3/8X285 #8JIC SWIV	REF
26	166978	HOSE ASSY 3/8X340 #8JIC SWIVL	REF
27	172973	HOSE WRAP, RED	REF
28	181801	HOSE ASSY, 3/8x58 #8 JIC SWIV	REF
29	184585	VALVE,DUAL COUNTER BALANCE,30G	REF
30	188846	HOSE ASSY, 1/2X382,-8FJX/-8ORB	REF
31	192841	WING FRAME TUBE RECT, 6X4	REF
32	199920	CYLINDER-HYDR, 8X60, 3000PSI	REF
33	2-474-010022	MANIFOLD ASSY, HYDR 8 HOSE	REF
34	200743	MANIFOLD ASSY VALVE DOWN PRESS	REF
35	201275	CYLINDER, 4 X 10 REPHASE	REF
36	201276	CYLINDER, 3.75 X 10 REPHASE	REF
37	201277	CYLINDER, 3.5 X 10 REPHASE	REF
38	201313	HOSE ASSY 3/8X335,-8FJX,-8FJX	REF
39	201343	HOSE ASSY, 3/8X395,-8FJX,-8ORB	REF
40	201344	HOSE ASSY, 3/8X460,-8FJX,-8ORB	REF
41	201345	HOSE ASSY 3/8X512,-8FJX,-8ORB	REF
42	201347	CYLINDER-HYD,4X48,2-1/4RD,3000	REF
43	203424	HOSE ASSY 3/8X26 #8STR-#8-90	REF
44	203425	HOSE ASSY 3/8X33 #8STR-#8-90	REF
45	203426	HOSE ASSY 3/8X39 #8STR-#8-90	REF
46	203429	ACCUMULATOR-PISTON, 122 CI	REF
47	203447	VALVE-CHECK, 225 PSI, ASM	REF
48	203450	VALVE-LIMIT	REF

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Hydraulic System - 40’ (AFTER 03/01/2018)

ITEM	PART NO.	DESCRIPTION	QTY.
49	203467	VALVE-LIMIT, STROKE	REF
50	203566	HOSE ASM 1/2X93,-8FJX,-8FJX90S	REF
51	203595	HOSE ASSY 3/8X280,-8FJX,-8FJX	REF
52	203596	HOSE ASSY 3/8X310,-8FJX,-8FJX	REF
53	203599	HOSE ASSY 1/2X 47,-8FJX,-8FJX	REF
54	210861	HOSE ASM1/2X36 -10FJX90S -8FJX	REF
55	1413183	HOSE ASSY #6 .38X103.25HIPRES	REF
56	1413184	HOSE ASSY #6 .38X106.25HIPRES	REF
57	71508988	HOSE ASSY 3/8 X 80	REF
58	71509382	HOSE ASSY .38 X 112	REF
59	202702-8-8S	ADAPTER #8 O-RING TO #8 TUBE	REF
60	202702-10-8S	ADAPTER, #10 O-RING #8 TUBE	REF
61	202702-12-8S	ADAPTER, #12 O-RING #8 TUBE	REF
62	203005-8-8S	ADAPTER,TEE,#8 O-RING-TUBE	REF
63	203102-8-8S	ADAPTER,TEE,1/2 #8JICX#8JICSWV	REF
64	2061-8-8S	ADAPTER, 45, #8 O-RING-TUBE	REF
65	206209-8-8S	ADAPTER,90LONG,#8 O-RING-TUBE	REF
66	2062-8-8S	ADAPTER, 90, #8 O-RING-TUBE	REF
67	2062-10-8S	ADAPTER,90, #10 O-RING-TUBE	REF
68	2062-12-8S	ADAPTER,90,#12 O-RING-#8 TUBE	REF
69	2071-8-8S	ADAPTER90 #8 FLR SWIVEL #8JIC	REF
70	50002-76	HOSE #8 ASSY 89.25 OAL	REF

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NOTES:

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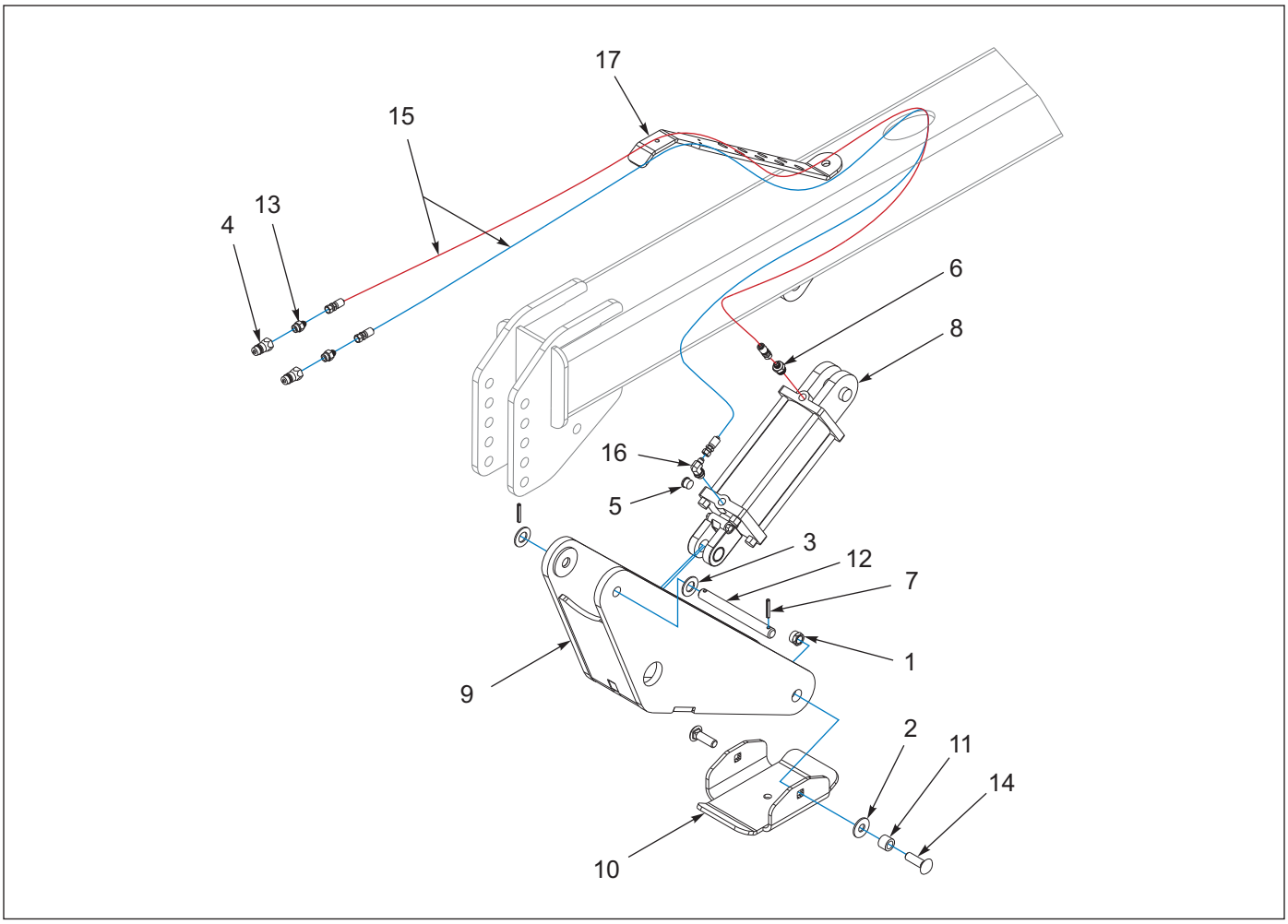


Figure 1-83: Hydraulic Jack Assembly

Hydraulic Jack Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	187684	JACK, 7831 HYDRAULIC ASSEMBLY	--
1	1-512-010005-15	NUT, HEX SLFLKG, 3/4-10 UNC, GRB	2
2	1-861-010032-21	WASHER, FLAT, ZP/CD, 3/4W	2
3	1-861-010032-24	WASHER, FLAT, ZP/CD, IN	2
4	141828	COUPLER, MALE 3/4-16, O-RING	2
5	143853	PLUG #10 M ORB HEX SOCKET	1
6	146707	ADAPTER,#10 O-RING,#6 TUBE	1
7	147072	PIN, SPRING SLOTTED 5/16 X 2	2
8	177389	CYLINDER, HYDRAULIC 4-1/2 X 8, 3000 PSI **(SEE PAGE 1-179)**	1
9	187679	LEG, JACK WELDMENT	1
10	187680	FOOT, JACK LEG	1
11	187861	BUSHING, 1.25 X .812 X .9375	2
12	188794	PIN, 1.0 X 9.50 H2	1
13	202702-8-6S	ADAPTER,#8 O-RING TO#6 TUBE	2
14	3/4-10X2-1/2CB	SCREW,RDH SQNK 3/4-10X2-1/2	2
15	169849	HOSE ASSY, 1/4 X 144 JIC (2X)	2
16	102-1333	ELBOW 90,#10 SAE X#6 JIC	1
17	200829	BRACKET, HOSE HOLDER	1

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Cylinders

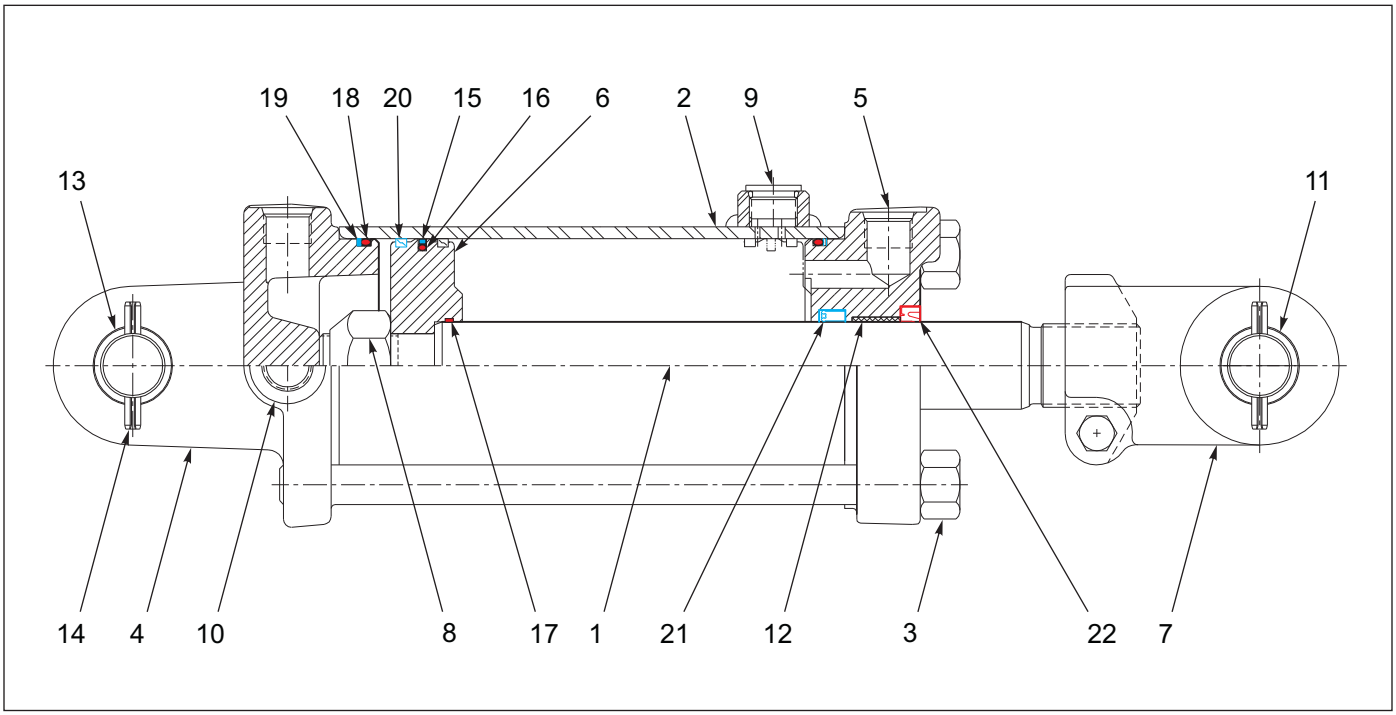


Figure 1-84: Rephase Cylinders - 8”

Rephase Cylinders - 8”

ITEM	PART NO.	DESCRIPTION	QTY.
	145201	CYLINDER, REPHASE **(4 X 8)**	--
	145200	CYLINDER, REPHASE **(4-1/2 X 8)**	--
1	147741	PISTON ROD	1
2	061900579	TUBE **(4 X 8)**	1
2	062000079	TUBE **(4-1/2 X 8)**	1
3	147742	TIE ROD ASSY **(4 X 8)**	4
3	137694	TIE ROD ASSY **(4-1/2 X 8)**	4
4	147743	BUTT CLEVIS ASSY **(4-1/2 X 8)**	1
4	135911	BUTT CLEVIS ASSY **(4 X 8)**	1
5	142109	GLAND ASSEMBLY**(4 X 8)**	1
5	103153	GLAND ASSEMBLY**(4-1/2 X 8)**	1
6	147744	PISTON**(4 X 8)**	1
6	148103	PISTON**(4-1/2 X 8)**	1
7	142110	CLEVIS ASSY	1
8	220000210	LOCK NUT**(4 X 8)**	1
8	220000211	LOCK NUT **(4-1/2 X 8)**	1
9	142115	PLUG, PORT	1
10	200300040	PLUG, PORT	3
11	141301	BUSHING	4
12	142112	BUSHING	1
13	143994	CLEVIS PIN	2
14	111789	ROLL PIN	4
15	-----	TEFLON SEAL	1
16	-----	O- RING	1

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Rephase Cylinders - 8”

ITEM	PART NO.	DESCRIPTION	QTY.
17	-----	O- RING	1
18	-----	O- RING	2
19	-----	BU- WASHER	2
20	-----	BEARING RING	1
21	-----	U- CUP	1
22	-----	CANNED WIPER	1
23	147745	PACKING KIT **(ITEMS 15-22)**	--

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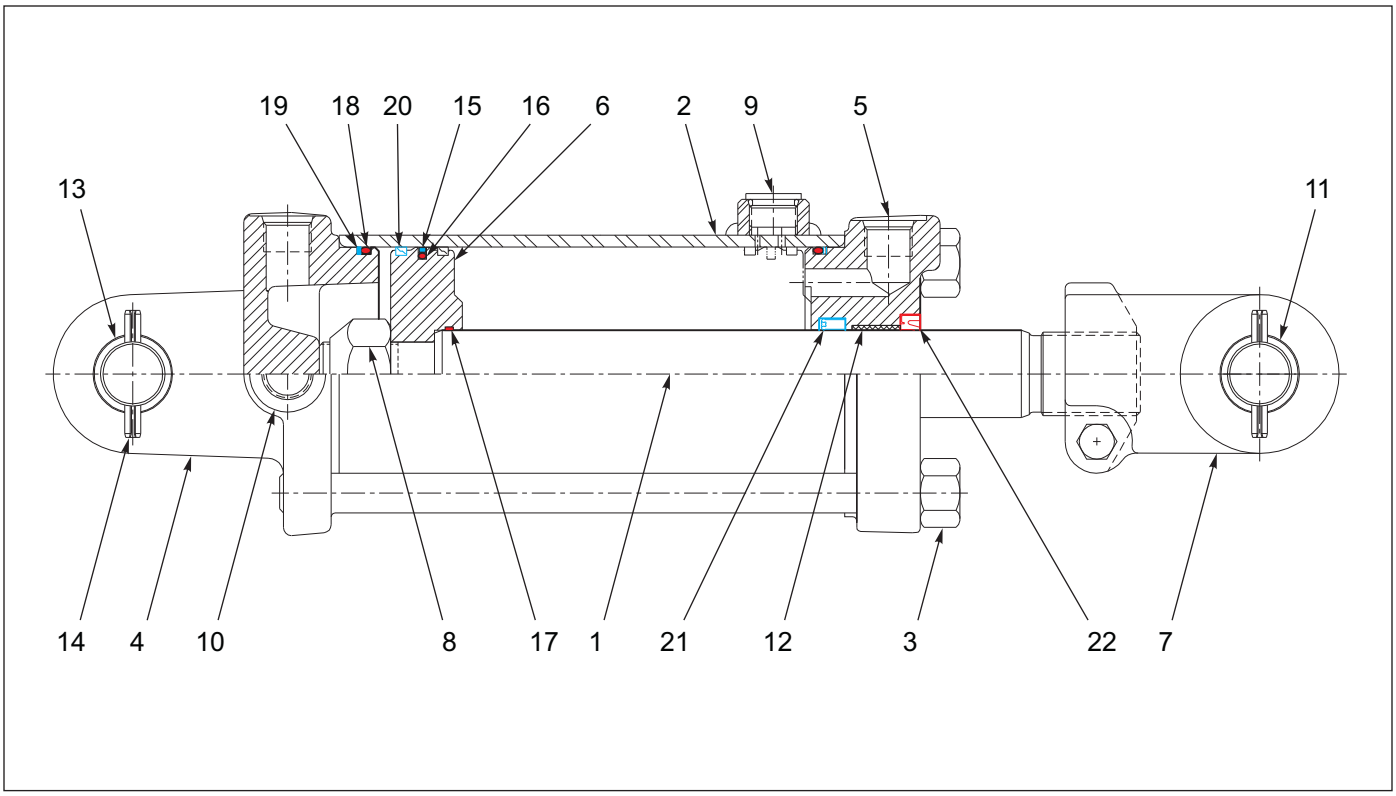


Figure 1-85: Rephase Cylinders - 10”

Rephase Cylinders - 10”

ITEM	PART NO.	DESCRIPTION	QTY.
	201275	CYLINDER, REPHASE **(4 X 10)**	--
	201276	CYLINDER, REPHASE **(3-3/4 X 10)**	--
	201277	CYLINDER, REPHASE **(3-1/2 X 10)**	--
1	145714	PISTON ROD **(4 X 10)**	1
1	145714	PISTON ROD **(3-3/4 X 10)**	1
1	149860	PISTON ROD **(3-1/2 X 10)**	1
2	149861	TUBE ASSEMBLY **(3-1/2 X 10)**	1
3	149862	TIE ROD ASSY **(3-1/2 X 10)**	4
4	111876	BUTT CLEVIS ASSY **(3-3/4 X 10)**	1
4	148084	BUTT CLEVIS ASSY **(3-1/2 X 10)**	1
5	142109	GLAND ASSEMBLY **(4 X 10)**	1
5	111871	GLAND ASSEMBLY **(3-3/4 X 10)**	1
5	148085	GLAND ASSEMBLY **(3-1/2 X 10)**	1
6	147744	PISTON **(4 X 10)**	1
6	148086	PISTON **(3-1/2 X 10)**	1
7	140306	CLEVIS ASSY **(3-3/4 X 10)**	1
8	220000210	LOCK NUT **(4 X 10 & 3-3/4 X 10)**	1
8	220000209	LOCK NUT **(3-1/2 X 10)**	1
9	-----	PLUG, PORT	1
10	200300040	PLUG, PORT	3
11	141301	BUSHING	4
12	125566	BUSHING	1
13	143994	CLEVIS PIN	2
14	111789	ROLL PIN	4

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Rephase Cylinders - 10”

ITEM	PART NO.	DESCRIPTION		QTY.
15	-----	TEFLON SEAL		1
16	-----	O- RING		1
17	-----	O- RING		1
18	-----	O- RING		2
19	111795	BU- WASHER		2
20	-----	BEARING RING		1
21	-----	U- CUP		1
22	250014137	CANNED WIPER		1
23	-----	PACKING KIT **(ITEMS 15-22)**	--	

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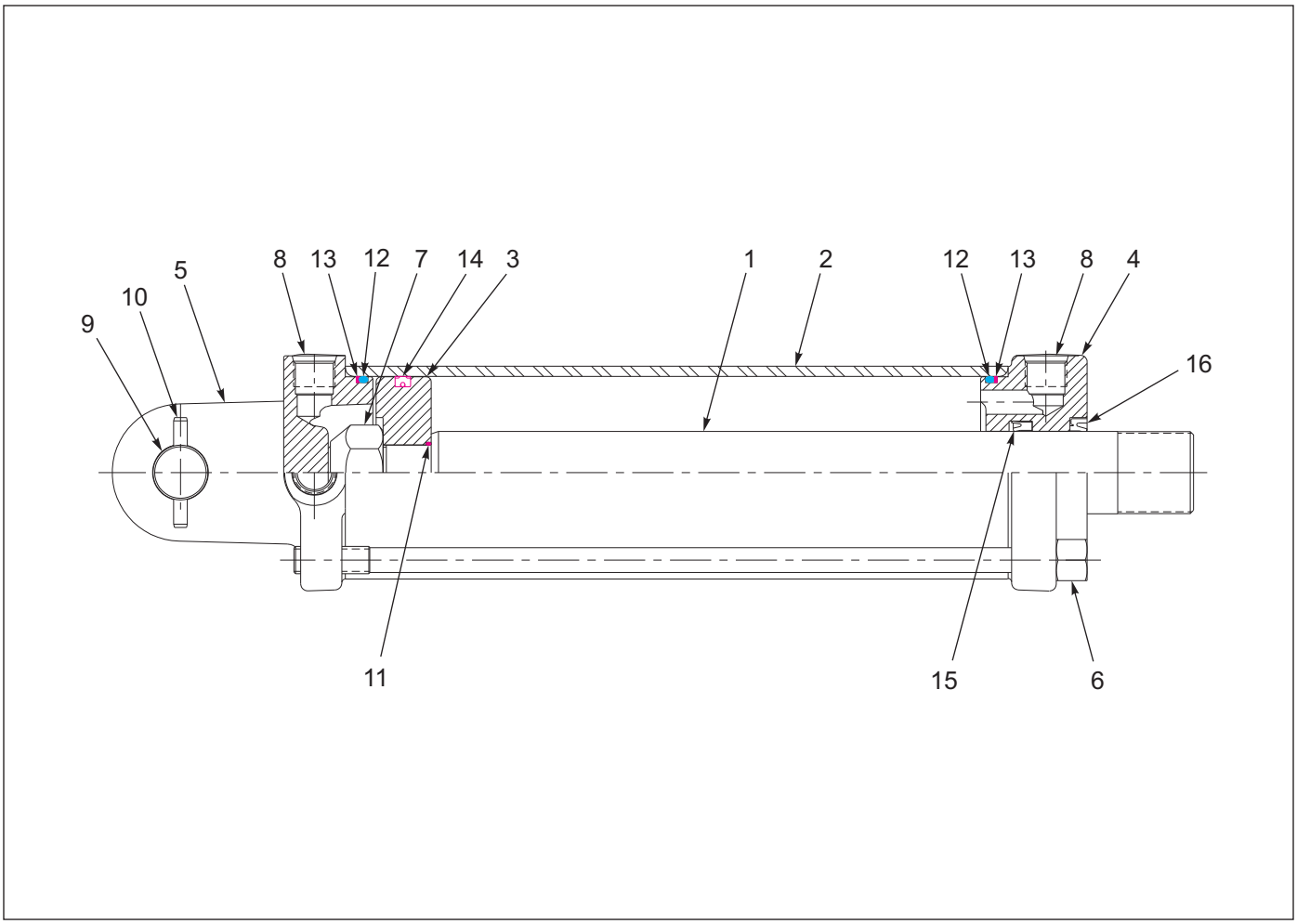


Figure 1-86: Hydraulic Cylinder - 3”-1/2 X 10”

Hydraulic Cylinder - 3”-1/2 X 10”

ITEM	PART NO.	DESCRIPTION	QTY.
	201292	CYLINDER, HYDRAULIC 3-1/2 X 10, 3000 PSI	--
1	--	PISTON ROD	1
2	--	TUBE	1
3	--	PISTON	1
4	--	GLAND	1
5	148084	BUTT CLEVIS	1
6	149862	TIE ROD ASSEMBLY	4
7	220000210	LOCK NUT	1
8	200300040	PLUG, PORT	3
9	143994	CLEVIS PIN	1
10	111789	ROLL PIN	2
11	--	O-RING	1
12	--	O-RING	2
13	--	BU-WASHER	2
14	--	CROWN SEAL	1
15	--	U-CUP	1
16	--	WIPER	1
17	--	PACKING KIT **(ITEMS 11-16)**	--

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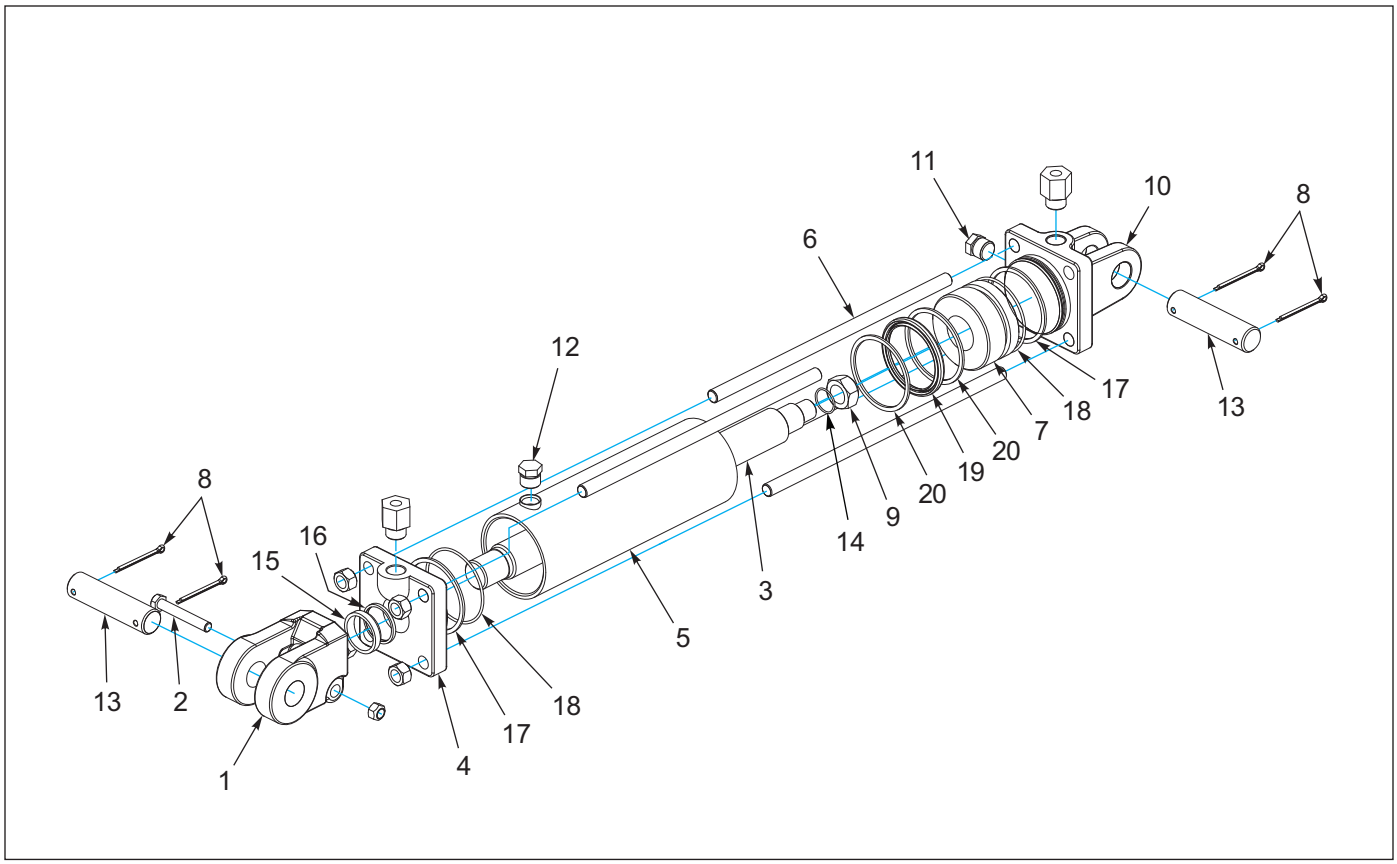


Figure 1-87: Hydraulic Cylinder - 4”-1/2 X 8”

Hydraulic Cylinder - 4”-1/2 X 8”

ITEM	PART NO.	DESCRIPTION	QTY.
	177389	CYLINDER, HYDRAULIC 4-1/2 X 8, 3000 PSI	--
1	-----	ROD, END CLEVIS	1
2	-----	CAPSCREW, 3/8-16 NC X 2-1/2	1
3	-----	ROD, PISTON	1
4	-----	GLAND, W/ BUSHING	1
5	-----	TUBE ASSY	1
6	-----	TIE ROD ASSY	4
7	-----	PISTON	1
8	-----	COTTER PIN	4
9	220000210	LOCK NUT	1
10	-----	BASE	1
11	-----	STEEL PLUG, O-RING TYPE	1
12	200300040	PLUG	1
13	-----	CLEVIS PIN	2
14	-----	O-RING	1
15	-----	ROD, WIPER	1
16	-----	U-CUP	1
17	-----	BU-WASHER	2
18	-----	O-RING	2
19	-----	TEFON SEAL	1
20	-----	BEARING RING	2
21	-----	PACKING KIT **(ITEMS 13-20)**	--

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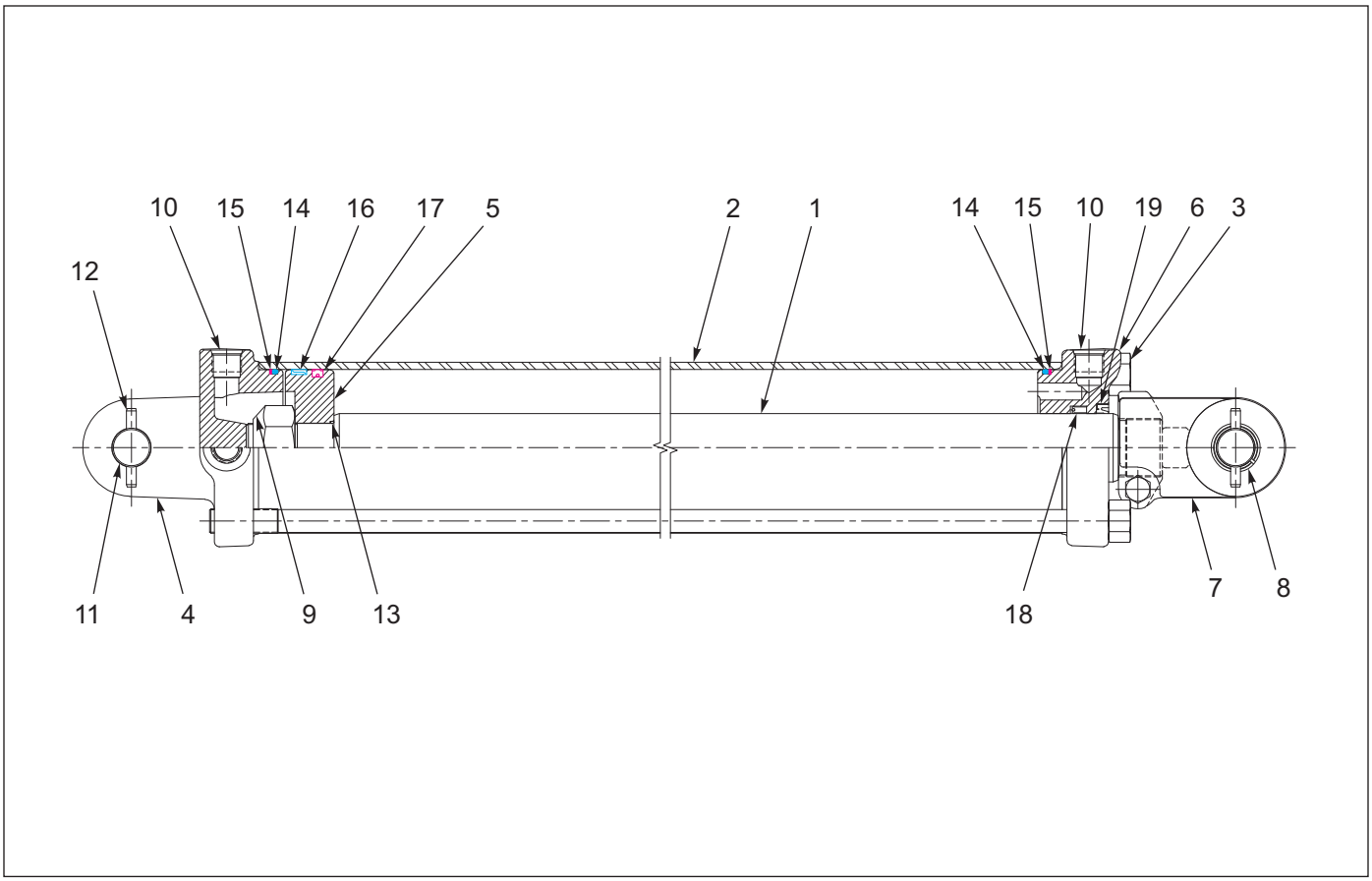


Figure 1-88: Hydraulic Cylinder - 4”X 48” (2 1/4 Rod)

Hydraulic Cylinder - 4” X 48” (2 1/4 Rod)

ITEM	PART NO.	DESCRIPTION	QTY.
	201347	CYLINDER, HYDRAULIC 4 X 48, 3000 PSI	--
1	-----	PISTON ROD	1
2	-----	TUBE	1
3	-----	TIE ROD ASSY	4
4	147375	BUTT	1
5	111786	PISTON	1
6	147376	GLAND	1
7	154102	CLEVIS ASSY	1
8	113805	BUSHING	2
9	220000212	LOCK NUT	1
10	200300040	SHIPPING PLUG	3
11	--	CLEVIS PIN	2
12	111789	ROLL PIN	4
13	-----	O- RING	1
14	-----	O- RING	2
15	-----	BU-WASHER	2
16	-----	BEARING RING	1
17	-----	CROWN SEAL	1
18	-----	U-CUP	1
19	-----	WIPER	1
20	-----	PACKING KIT **(ITEMS 13-19)**	--

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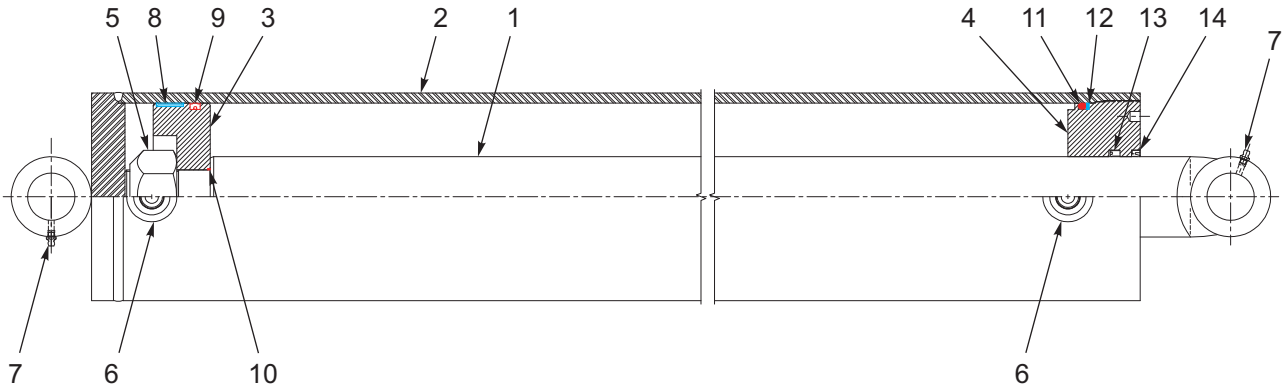


Figure 1-89: Hydraulic Cylinder - 7” X 60” (25’& 30’)

Hydraulic Cylinder - 7” X 60” (25’ & 30’)

ITEM	PART NO.	DESCRIPTION	QTY.
	187436	CYLINDER, HYDRAULIC 7 X 60, WELD 3000 PSI	--
1	-----	PISTON ROD	1
2	-----	BUTT & TUBE ASSY	1
3	-----	PISTON	1
4	-----	GLAND	1
5	116606	LOCK NUT	1
6	148142	PORT PLUG	2
7	-----	GREASE ZERK	2
8	-----	BEARING RING	1
9	-----	CROWN SEAL	1
10	-----	O- RING	1
11	-----	O-RING	1
12	-----	BU-WASHER	1
13	-----	U-CUP	1
14	-----	WIPER	1
15	-----	PACKING KIT **(ITEMS 8-14)**	

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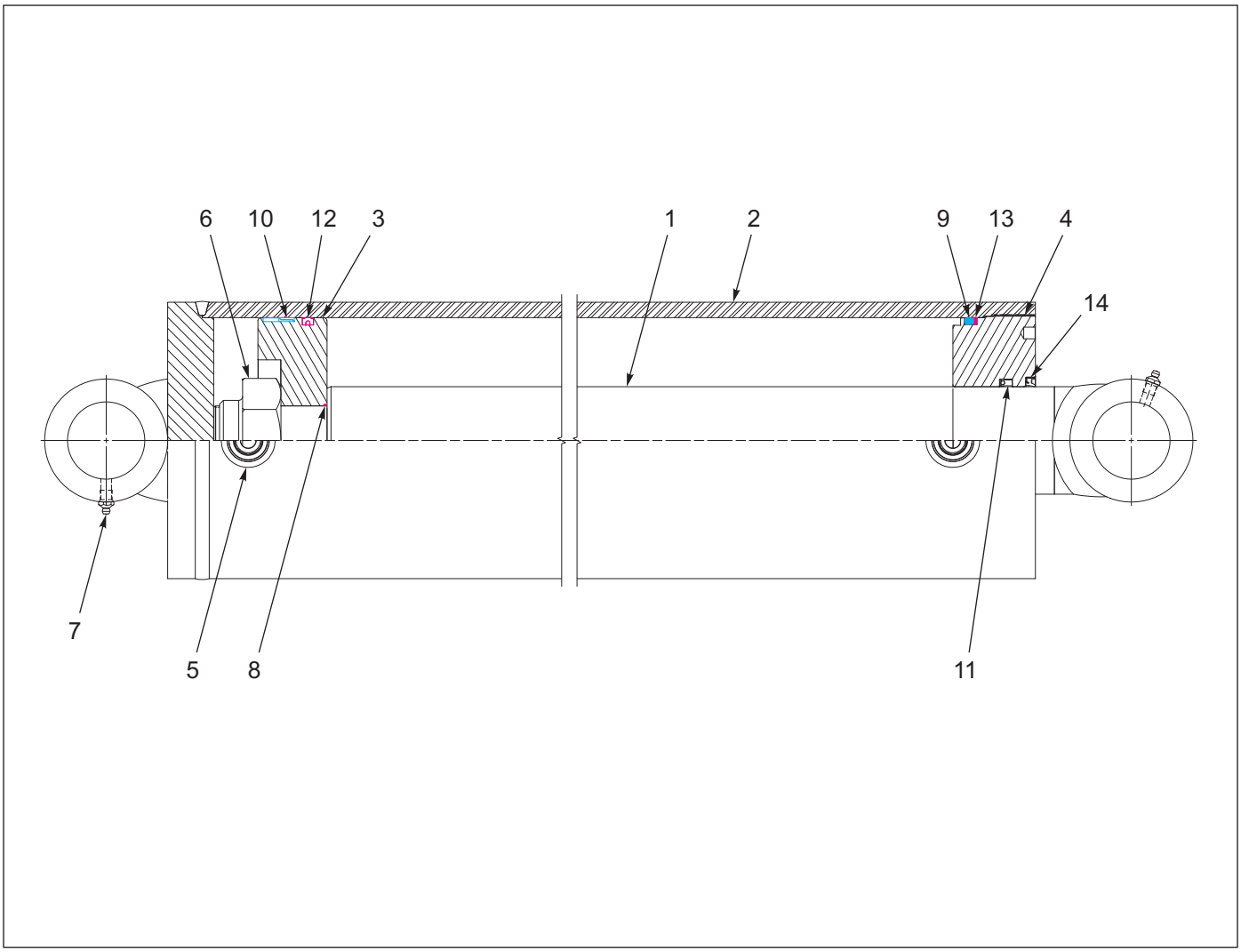


Figure 1-90: Hydraulic Cylinder - 8” X 60” (35’ & 40’)

Hydraulic Cylinder - 8” X 60” (35’ & 40’)

ITEM	PART NO.	DESCRIPTION	QTY.
	199920	CYLINDER, HYDRAULIC 8 X 60, 3000 PSI	--
1	-----	PISTON ROD ASSY	1
2	-----	BUTT & TUBE ASSY	1
3	-----	PISTON	1
4	-----	GLAND	1
5	148142	HEX HEAD PLUG	2
6	-----	LOCK NUT	1
7	-----	GREASE ZERK	2
8	-----	O-RING	1
9	-----	O-RING	1
10	-----	BEARING RING	1
11	-----	U-CUP	1
12	-----	CROWN SEAL	1
13	-----	BU-WASHER	1
14	-----	WIPER	1
15	-----	PACKING KIT **(ITEMS 8-14)**	1

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Electrical

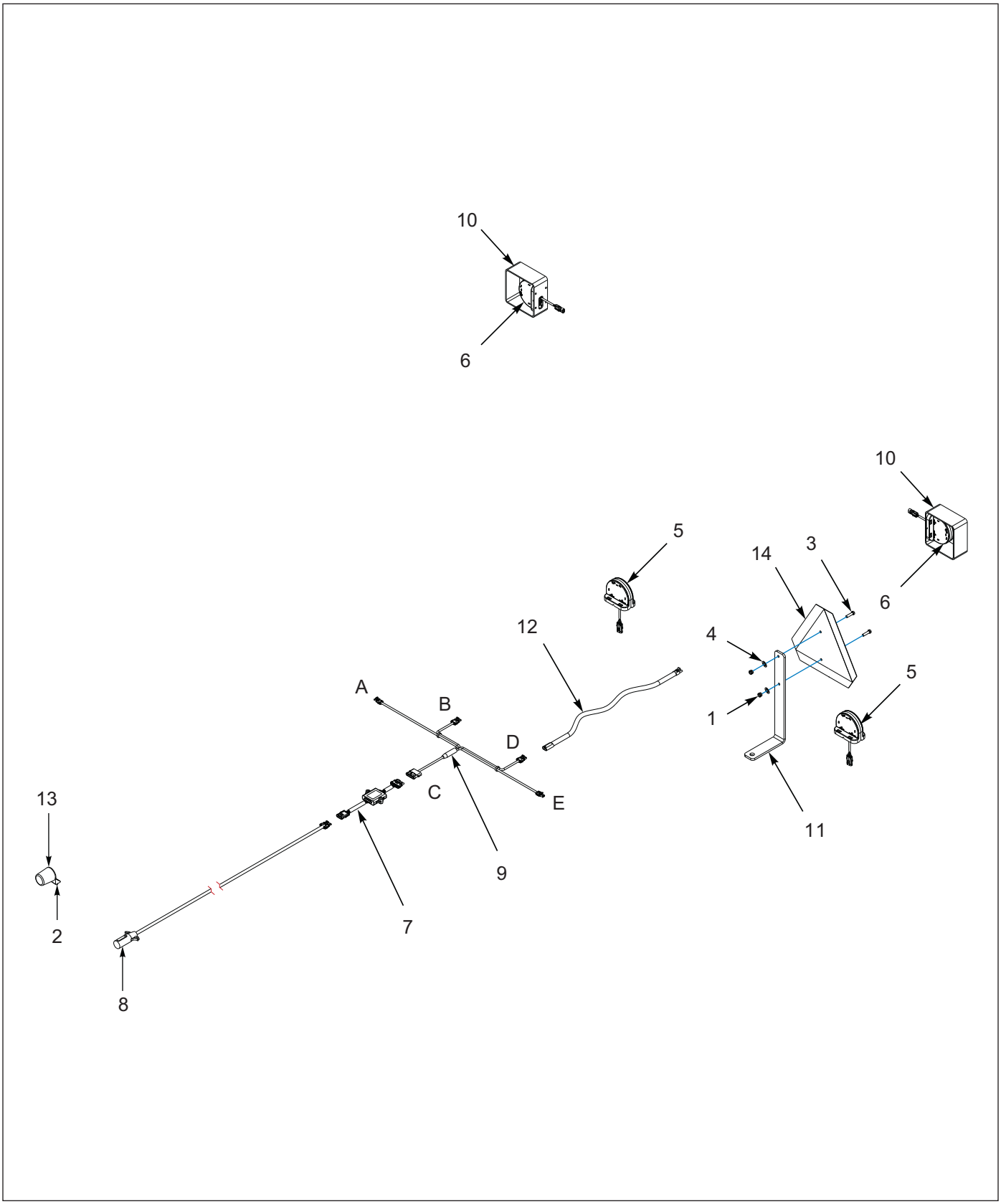


Figure 1-91: Electrical Assembly (1 of 2)

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

MAIN WARNING LIGHT HARNESS - WIRING CHART

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

REAR WARNING LIGHT HARNESS - WIRING CHART

Figure 1-92: Electrical Wiring Chart (2 of 2)

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Electrical Assembly

ITEM	PART NO.	DESCRIPTION	QTY.
	187690	KIT, WARNING LIGHTS 7831	--
1	1-512-010005-01	NUT, HEX SLFLKG, 1/4-20 UNC, GRB	4
2	1-654-010047-04	SCREW, HEX 1/4-20 UNC X 3/4 GR5	2
3	1-654-010047-06	SCREW, HEX 1/4-20 UNC X 1 GR5	2
4	1-861-010032-06	WASHER, FLAT ZP/CD, 1/4N	2
5	174435	LAMP, AG RED SINGLE LED	2
6	174436	LAMP, AG AMBER SINGLE LED	2
7	174437	MODULE, AG FLASHER CONTROL	1
8	174438	HARNESS, MAIN WARNING LIGHTS	1
9	195073	HARNESS, REAR WARNING LIGHTS	1
10	187689	TUBE, LIGHT	2
11	191070	BRACKET, SMV 7831	1
12	2-368-010274	HARNESS, 30 INCH EXTENSION	1
13	2-368-010287	HARNESS, STOR-A-WAY	1
14	70260977	SMV EMBLEM	1

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Decals

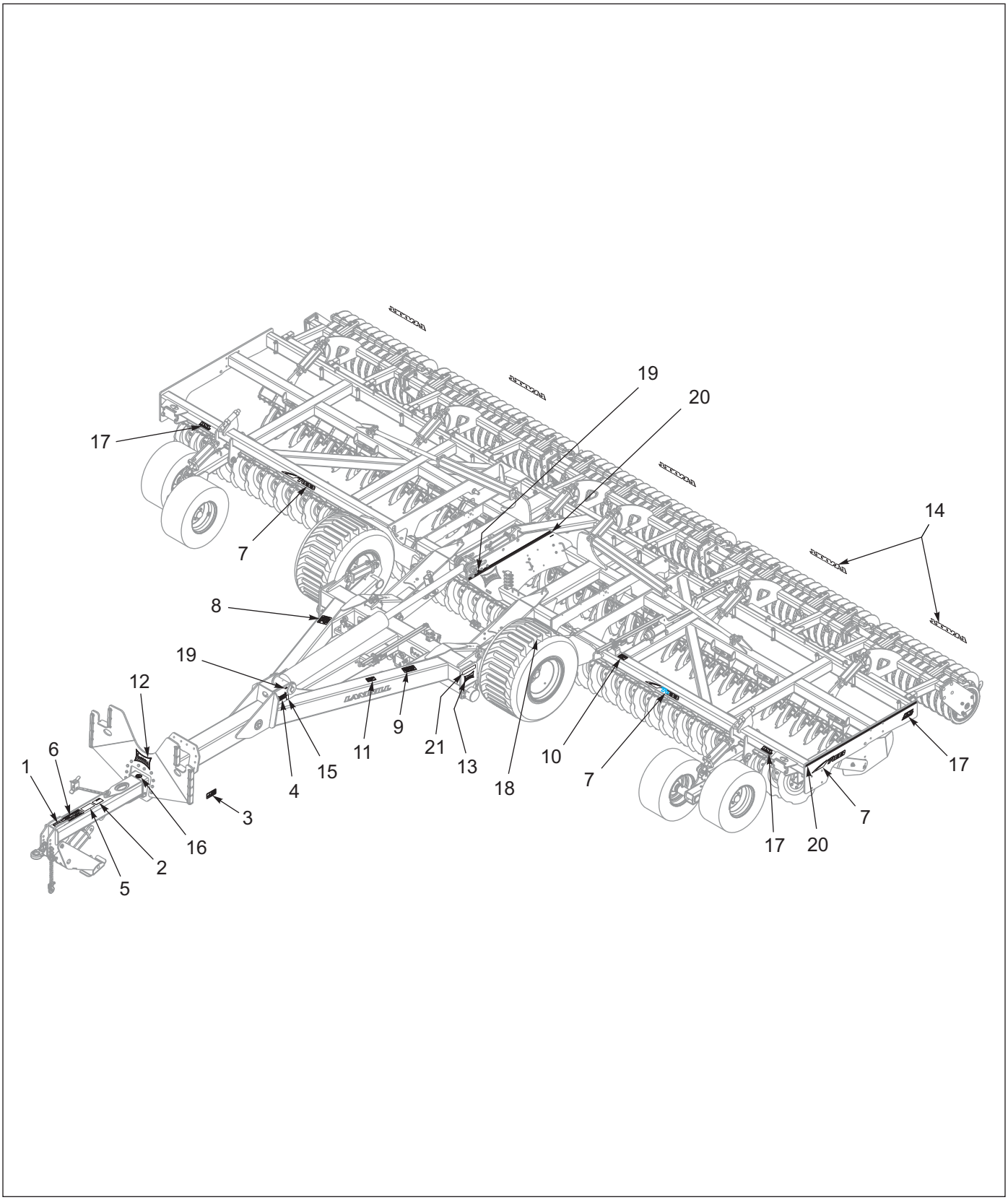
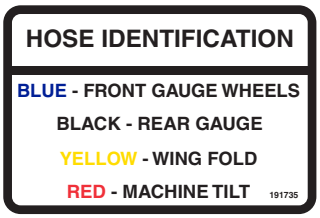
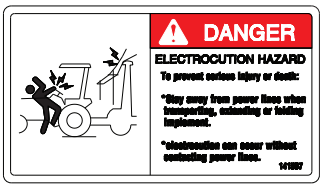


Figure 1-93: Decal Locations (1 of 2)

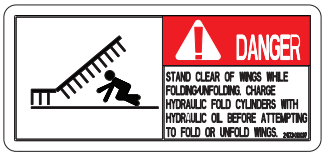
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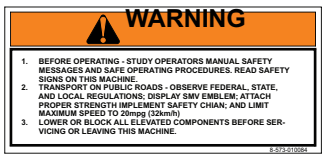
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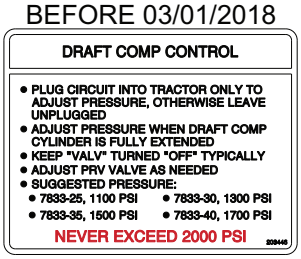


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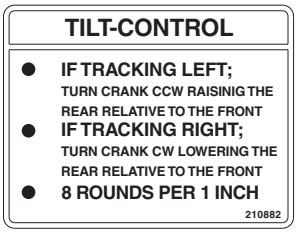
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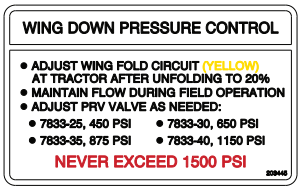


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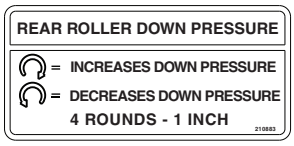
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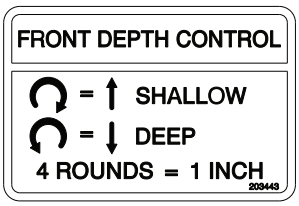
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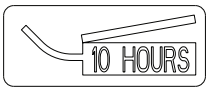
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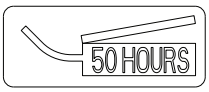
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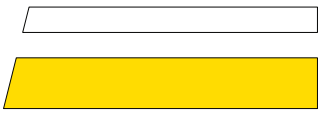
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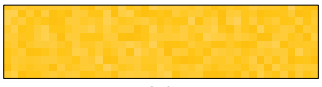
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23

Figure 1-94: Decal Arrangements (2 of 2)

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Decal Locations

ITEM	PART NO.	DESCRIPTION	QTY.
1	191735	DECAL-7831 HOSE IDENTIFICATION	1
2	141597	DECAL, DANGER ELECTROCUTION	1
3	2-573-010037	DECAL, DANGER, WING	2
4	1-573-010006	PLACARD, NAME	1
5	8-573-010084	DECAL WARNING BEFORE OPERATG	1
6	3-573-010210	DECAL TORQUE SPEC 8-10STU HUB	3
7	201317	DECAL, MODEL 7833	4
8	203446	DECAL-DRAFT CMPND CONTROL 7833	1
8	210882	DECAL, TILT CONTROL	1
9	203445	DECAL-WING DOWN PRESSURE, 7833	1
10	210883	DECAL-DEPTH CONTROL,REAR 7830	1
11	203443	DECAL-DEPTH CONTROL,FRONT 7830	1
12	144351	DECAL, BLACK BOW-TIE	3
13	141259	DECAL, LANDOLL, YELLOW	2
14	141260	DECAL, LANDOLL	5
15	2-573-010198	DECAL, MEMBER FEMA	1
16	144193	DECAL, SIS 20 MPH	1
17	188810	DECAL, HSL	4
18	2-573-010330-02	DECAL, LUBRICATION 10 HOURS	4
19	2-573-010330-03	DECAL, LUBRICATION 50 HOURS	4
20	161515	DECAL, STRIPE 1" X 84"	4
21	528934	REFLECTOR - YELLOW	2
22	528933	REFLECTOR - RED **(NOT SHOWN)**	2
23	528938	STRIPE, ORANGE **(NOT SHOWN)**	2

Chapter 2

Glossary

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

For additional information, *See "Instructions For Ordering Parts" on page 1-1.*

A

ASSY, ASM . . . . . .Assembly

B

BHSC . . . . . .Button Head Socket Cap
BLK . . . . . Black
BLNCE . . . . . Balance
BTN . . . . . Button

C

CB . . . . . Carriage Bolt
CD . . . . . .Cadmium
CONN . . . . . Connector
COMP . . . . . .Compound
CP . . . . . Cap
CRG . . . . . Carriage
CTSK . . . . . Countersunk
CVR . . . . . .Cover

D

DBL . . . . . .Double
DEG . . . . . Degree
DIA . . . . . Diameter

E

ENCLSD . . . . . Enclosed

F

FHCS . . . . . .Flanged Head Cap Screw
FHHCS . . . . . Flanged Hex Head Cap Screw
FL OR **FLG** . . . . . Flange
FLT . . . . . Flat
FRT . . . . . Front

G

GA . . . . . .Gauge
GR5 . . . . . Grade 5
GR8 . . . . . Grade 8

H

HHCS . . . . . .Hex Head Cap Screw
HCS . . . . . High Carbon Steel
HD . . . . . .Head
HLCL OR **HEL** . . . . . .Helical
HCSKT . . . . . .Hex Socket
HSFC . . . . . .Hex Socket Flat Countersunk
HX . . . . . .Hex
HYD . . . . . Hydraulic
HYBRD . . . . . .Hybrid

I

ID . . . . . Inside Diameter
IND . . . . . Indicator

L

LD . . . . . Lead
LH . . . . . Lefthand
LIM . . . . . Limit
LKG OR **LOCK** . . . . . .Locking
LWR . . . . . Lower

M

MACH . . . . . Machined
MNT . . . . . Mount

N

NK . . . . . .Neck
NRW . . . . . Narrow
NSS . . . . . .Not Serviced Separately
NTCHD . . . . . Notched
NYL . . . . . Nylon

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O

OD . . . . . Outside Diameter
ORFS OR **ORS** . . . . . O-Ring Seal
ORP OR **ORB** . . . . . O-Ring Boss

P

PTFE . . . . . Polytetrafluoroethylene (Teflon)

R

REFLCTV . . . . . Reflective
RH . . . . . Righthand
RND OR **RD** . . . . . Round
ROT . . . . . Rotation
ROLL . . . . . Rollable
RTNR . . . . . Retainer

S

SER . . . . . Series
SGL . . . . . Single
SHCS . . . . . Socket Head Cap Screw
SHLD . . . . . Shield
SKT . . . . . Socket
SLFLKG . . . . . Selflocking
SM . . . . . Smooth
SOC . . . . . Socket
SOL . . . . . Solenoid
SPR . . . . . Spring
SQ . . . . . Square
SRTD . . . . . Serrated
SSCR . . . . . Setscrew
SST . . . . . Stainless Steel
STD . . . . . Standard
SWVL . . . . . Swivel

T

TRAC . . . . . Traction

U

UNC . . . . . Unified Coarse Thread
UNF . . . . . Unified Fine Thread
UPR . . . . . Upper

V

VERT . . . . . Vertical

W

WHL . . . . . Wheel
WLD OR **WLDMT** . . . . . Weldment
WSHR . . . . . Washer

Z

ZP . . . . . Zinc Plate

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Chapter 3

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

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