



Forage Merger Parts Manual

MY2026

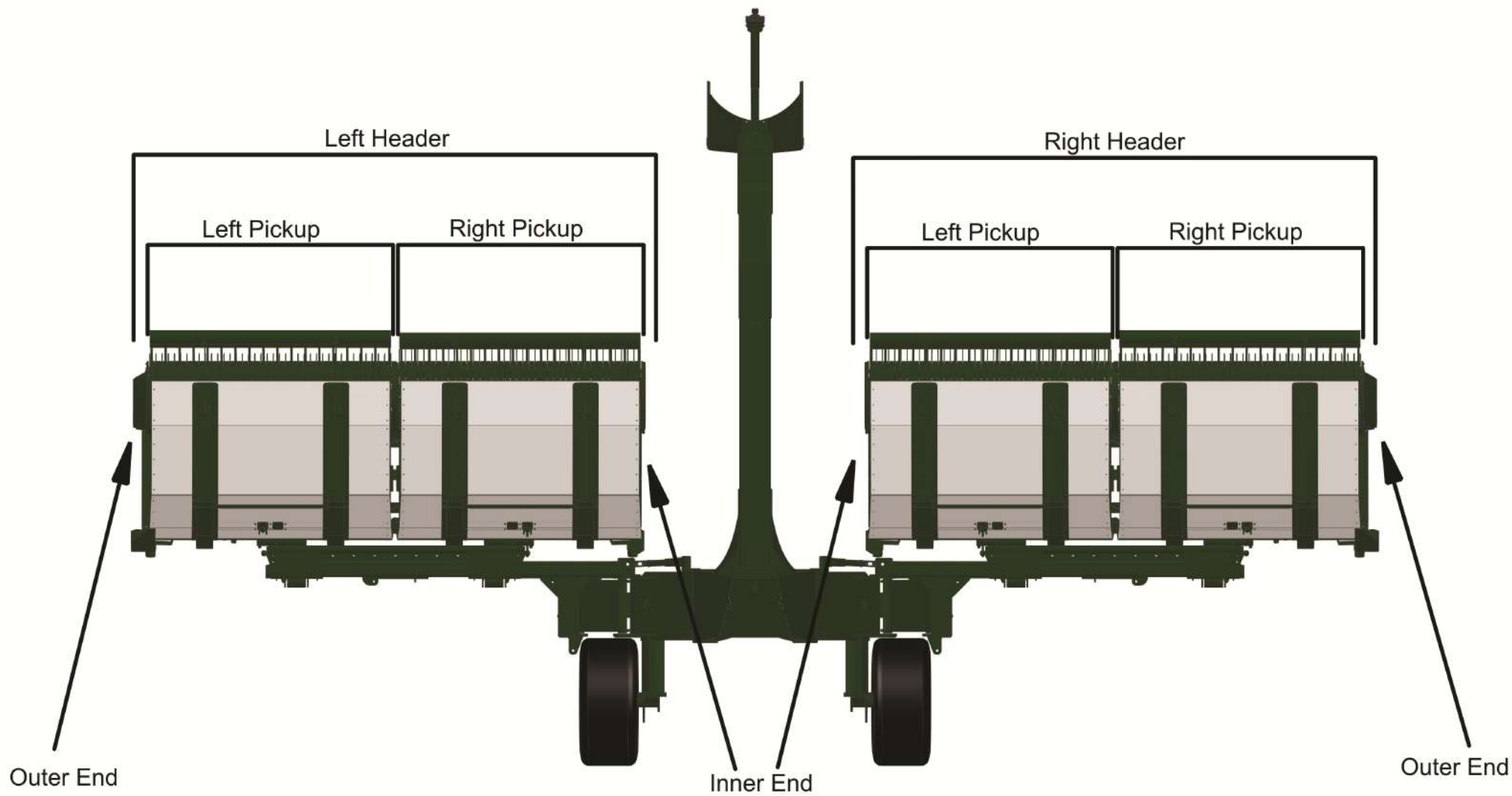


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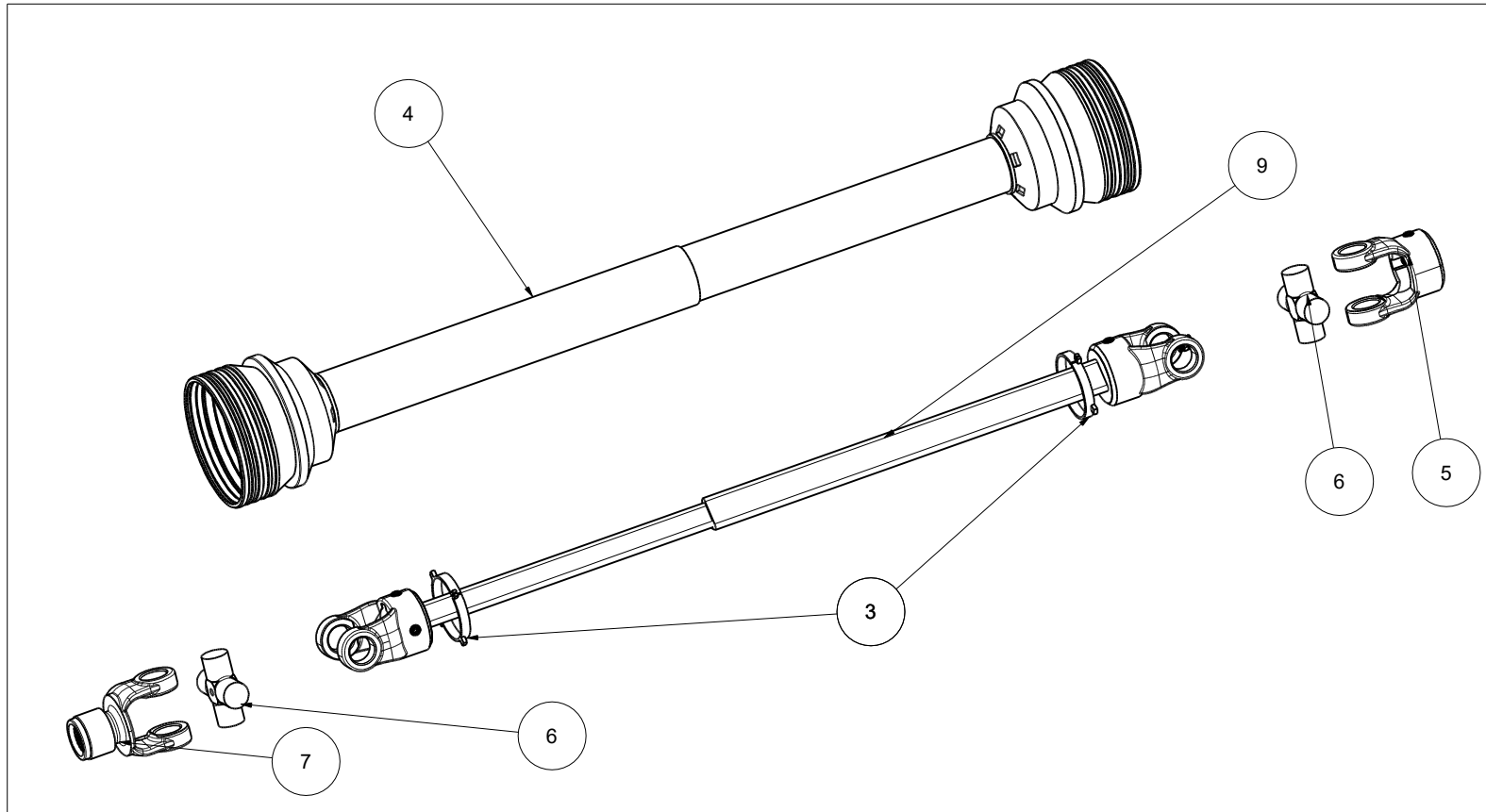
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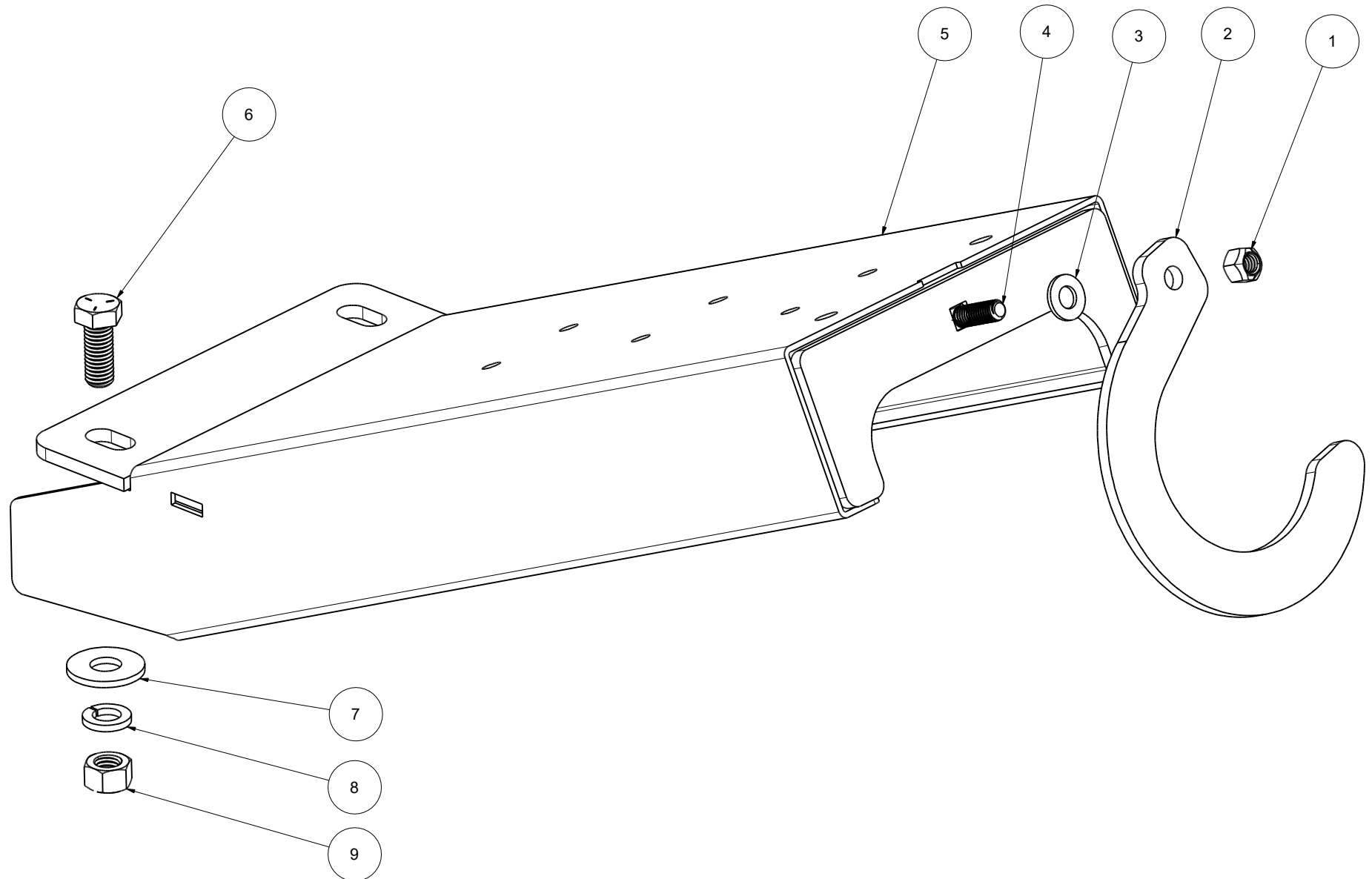
This Part Manual was specifically designed to be viewed in two-page view.

PTO Shaft



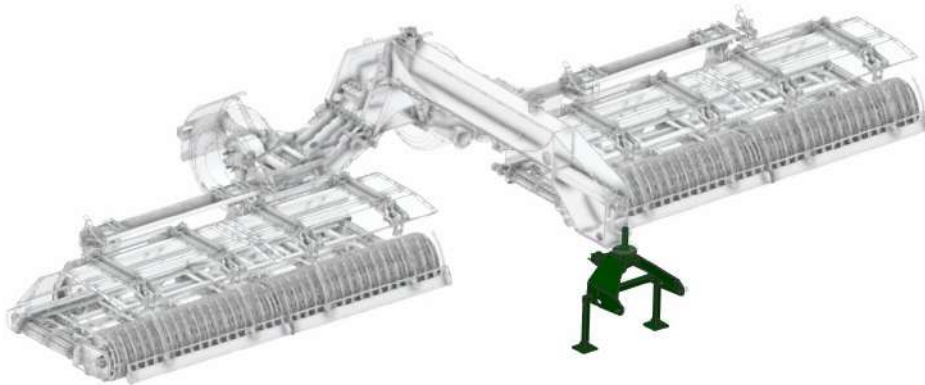
Item #	Part Number	Part Name
1	14046648A-138-21	Complete PTO Assembly, 1-3/8" Spline
2	14046648A-134-20	Complete PTO Assembly, 1-3/4" Spline
3	9613567	Shield Bearing
4	9023548	PTO Shield
5	8008624	PTO Yoke #6 B&P, 1-1/2" Bore
6	2008692	Cross/bearing Kit #6 B&P & W220
7	1018620	PTO Yoke 1-3/4", 20-Spline, Slide Collar
8	1018621	PTO Yoke 1-3/8", 21-Spline, Slide Collar
9	14046648	PTO Driveline, Includes: 1-#8, 1-#6, 1-#4

PTO Guard

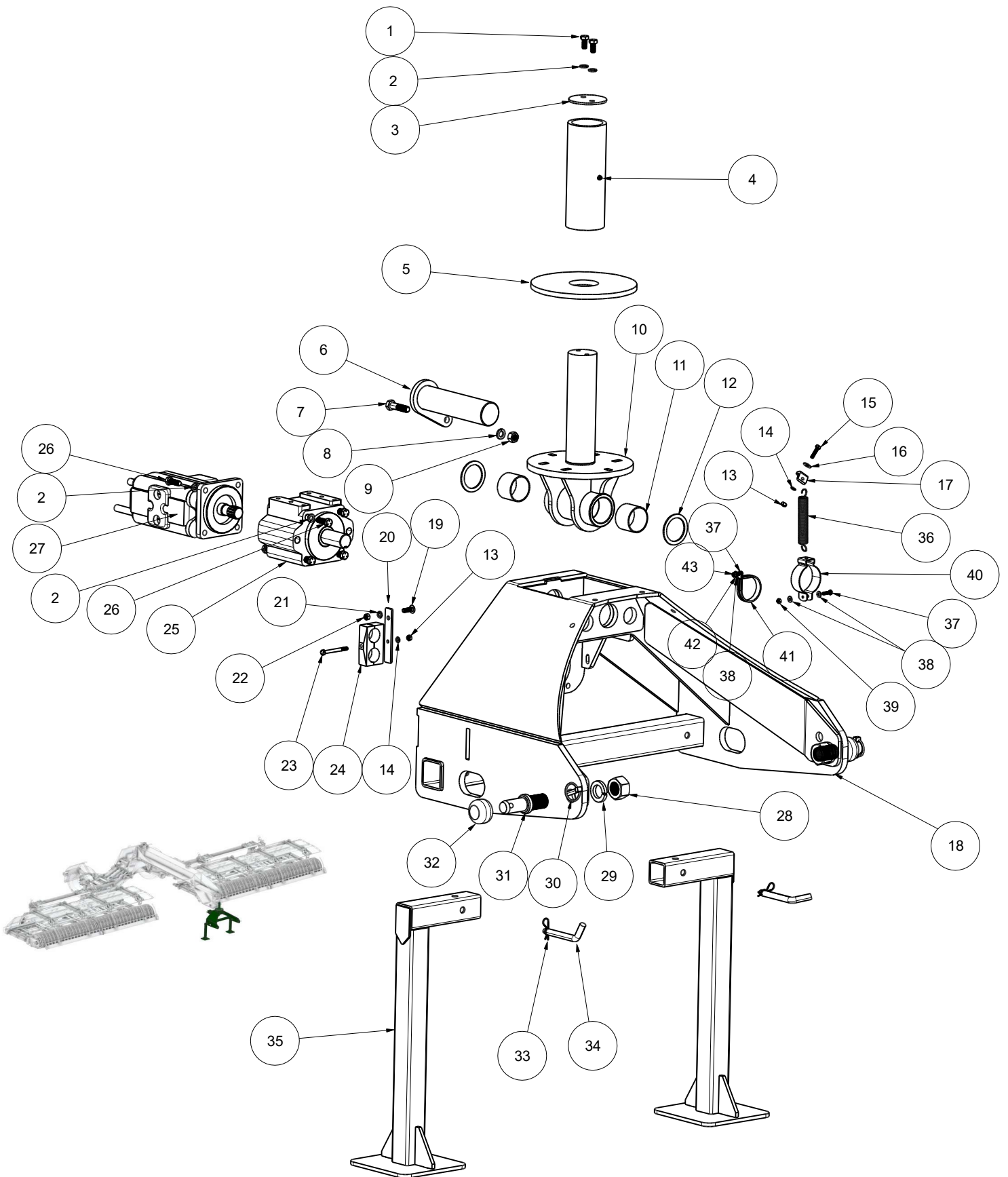


PTO Guard

Item#	Part Number	Part Name	Quantity
1	SNC38	3/8" Steel Lock Nut	1
2	3890P	PTO Hook	1
3	FW38	3/8" Flat Washer	1
4	CB38X114	3/8" x 1-1/4" Carriage Bolt	1
5	38871	PTO Guard Weldment	1
6	H5C12X114	1/2" x 1-1/4" Hex Bolt	2
7	FW12	1/2" Flat Washer	2
8	LW12	1/2" Lock Washer	2
9	NC12	1/2" Hex Nut	2



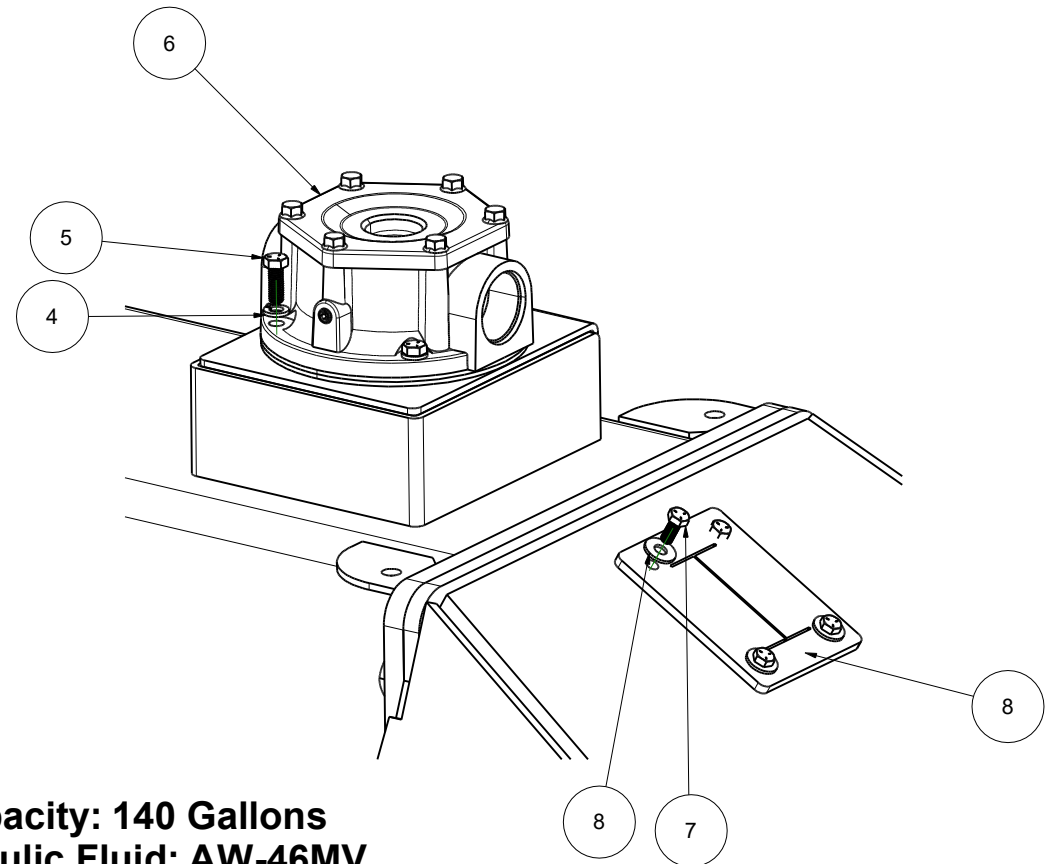
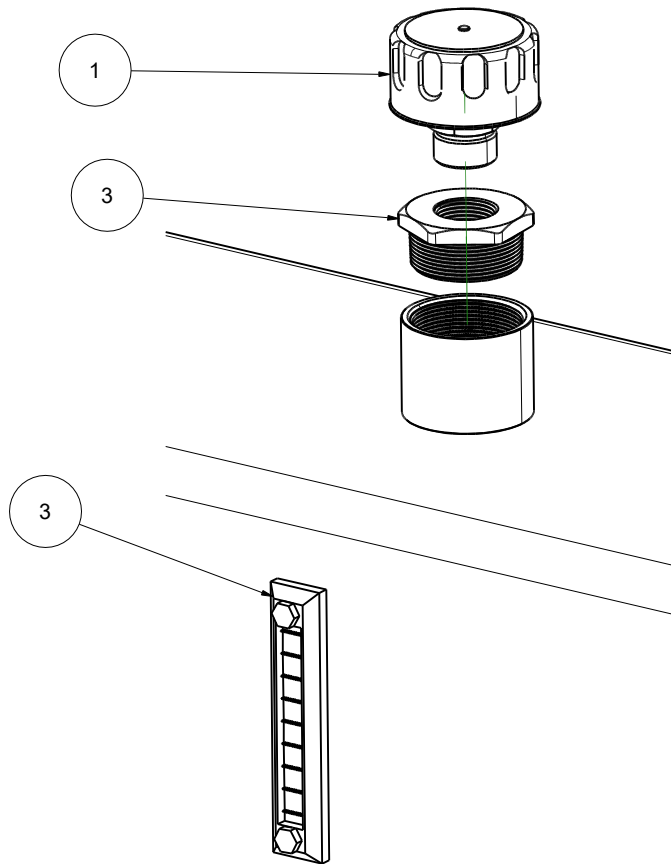
Hitch



Hitch

Item#	Part Number	Part Name	Quantity
1	H5C12X1	1/2" x 1" Hex Bolt	2
2	LW12	1/2" Lock Washer	6
3	687P	Hitch Pivot Retaining Washer	1
4	GF104	Grease Fitting, .125 MNPT	1
5	1354B	Poly Pivot Plate	1
6	36851	Hitch Pivot Pin	1
7	H5C58X212	5/8" x 2-1/2" Hex Bolt	1
8	LW58	5/8" Lock Washer	1
9	NC58	5/8" Hex Nut	1
10	36901	Hitch Pivot Weldment	1
11	QSI-4043-32	IGUS Q Plain Sleeve Bearing	2
12	TT-3200	Bronze Thrust Washer	2
13	NC516	5/16" Hex Nut	2
14	LW516	5/16" Lock Washer	2
15	H5C516X114	5/16" x 1-1/4" Hex Bolt	1
16	FW516	5/16" Flat Washer	1
17	324	Fixed Spring Tab	1
18	37010	2-Point Hitch	1
19	CB38X114	3/8" x 1-1/4" Carriage Bolt	1
20	3881P	Hose Clamp Bracket	1
21	LW38	3/8" Lock Washer	1
22	NC38	3/8" Hex Nut	1
23	H5C516X312	5/16" x 3-1/2" Hex Bolt	1
24	T5024S	Hose Clamp for 1" Hose	1
25	ZM815-14S	Zero Max Overhung Load Adapter	1
26	H5C12X112	1/2" x 1-1/2" Lock Washer	8
27	P257B467AXZA17-6XKCZA17-1	Permco Tandem Hydraulic Pump	1
28	NC138	1-3/8" Hex Nut	2
29	LW138	1-3/8" Lock Washer	2
30	3027	Cat 3 Lynch Pin	2
31	21280	Cat 3 Lift Pin	2
32	72310744	Cat 3 Ball	2
33	BP-216	Bridge Hitch Clip, 1/8" x 1-15/16"	2
34	BP58X4	5/8" x 4" Bent Pin	2
35	36871	Hitch Stand	2
36	C-263	Spring	1
37	H5C14X1	1/4" x 1" Hex Bolt	1
38	FW14	1/4" Flat Washer	2
39	SNC14	1/4" Steel Lock Nut	1
40	CH212	Conduit Hanger	1
41	DC2040	2.5" Loom Clamp	1
42	LW14	1/4" Lock Washer	1
43	NC14	1/4" Hex Nut	1

Reservoir

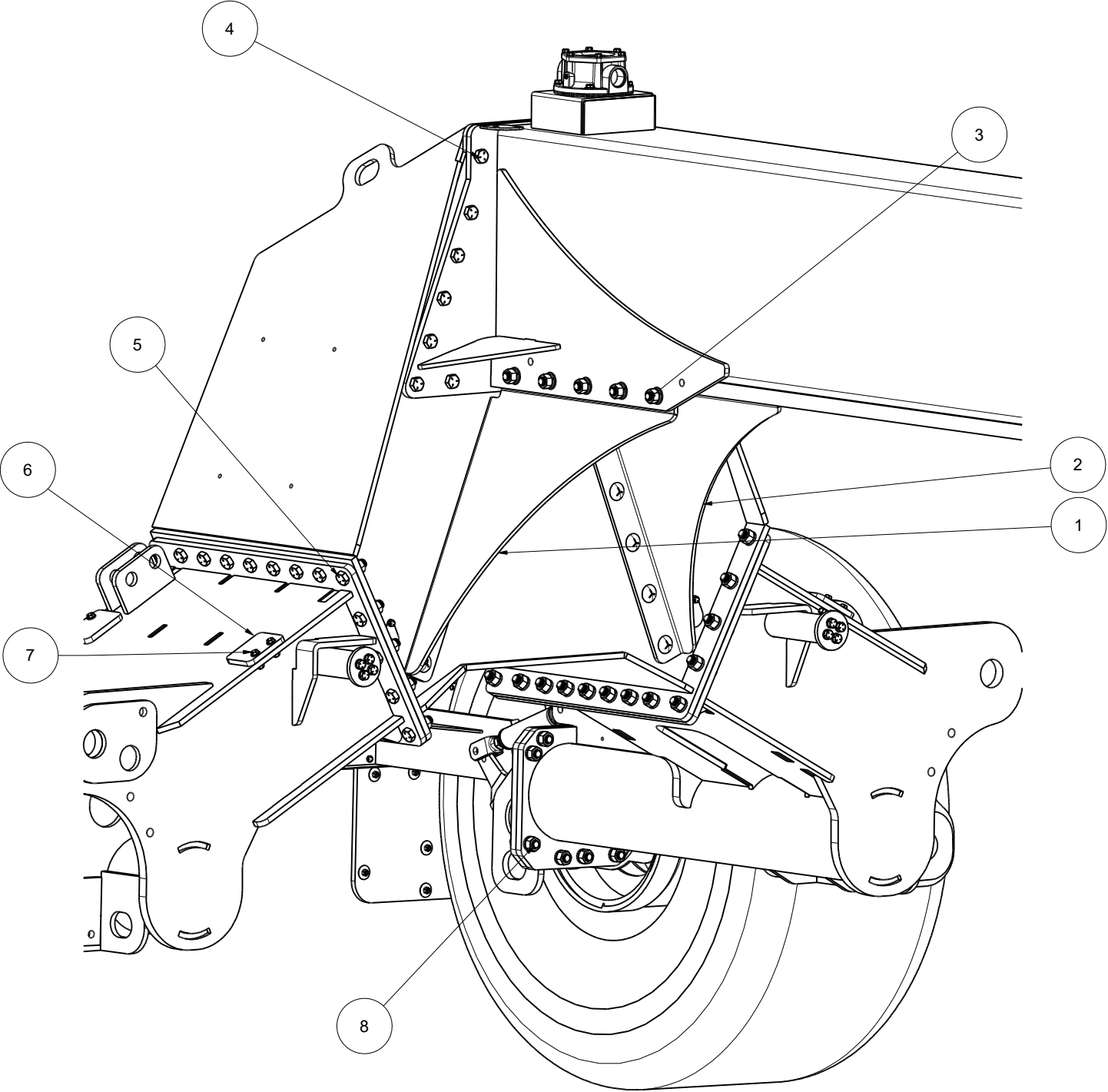


Capacity: 140 Gallons
Hydraulic Fluid: AW-46MV

Reservoir

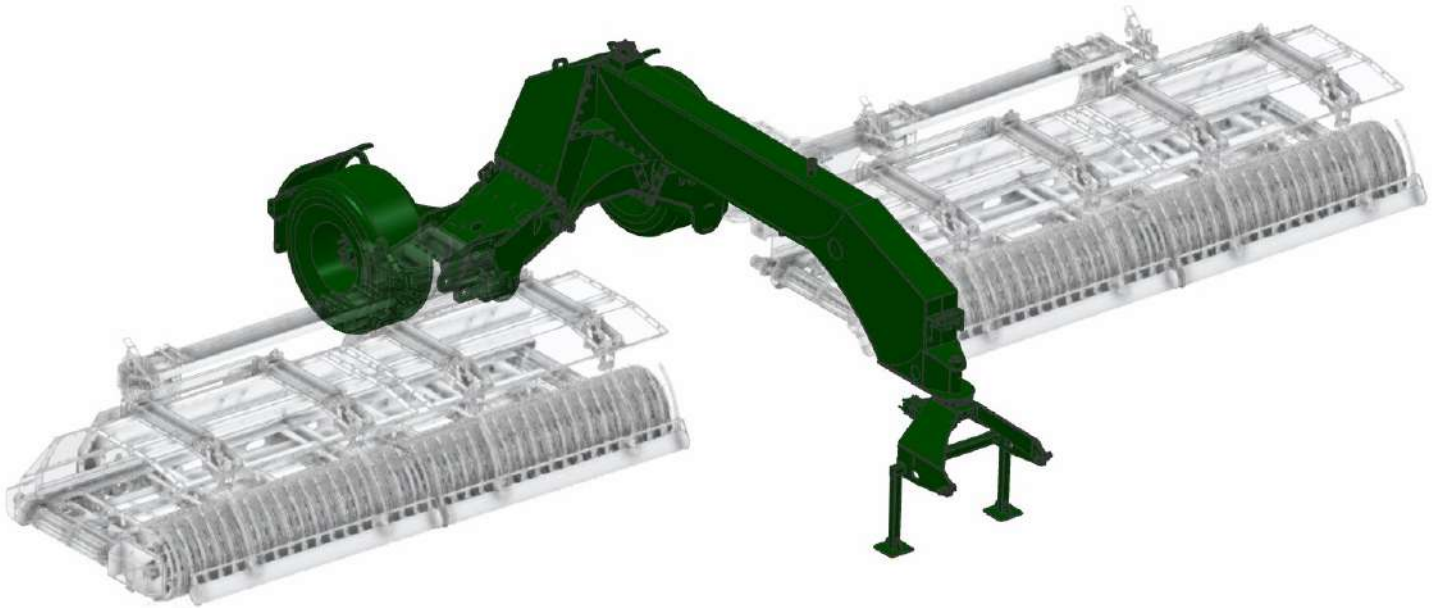
Item#	Part Number	Part Name	Quantity
1	SMBT-80-S-10-BO.354-N16-0	Breather Cap, 1" NPT, with trap	1
2	RB21G	Reducer Bushing, 2" MNPT x 1" FNPT	1
3	1490	Oil Level Gauge	1
4	LW38	3/8" Lock Washer	4
5	H5C38X1	3/8" x 1" Hex Bolt	4
6	RF-1618-S-25-MP-0	Tank Top Filter	1
	RE-409-10	Zinga 10 Micron Filter Element	1
7	H5C516X34	5/16" x 3/4" Hex Bolt	4
8	FW516	5/16" Flat Washer	4
9	3880	Rubber Hole Cover	1

Main Frame

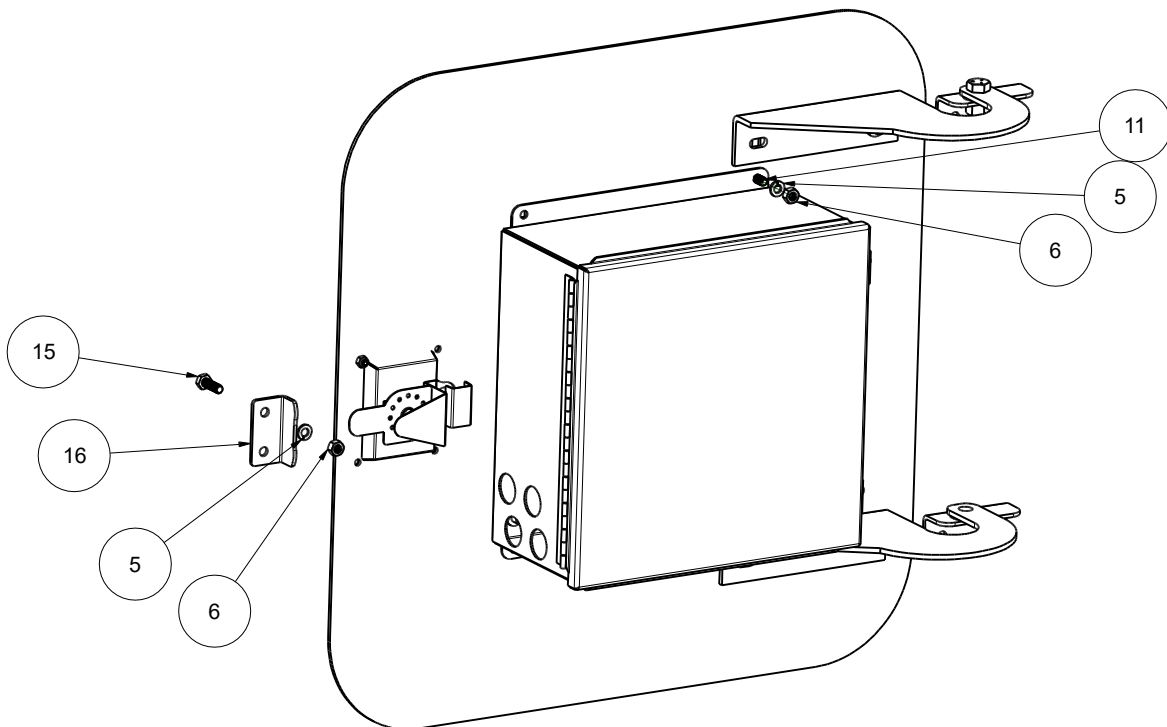
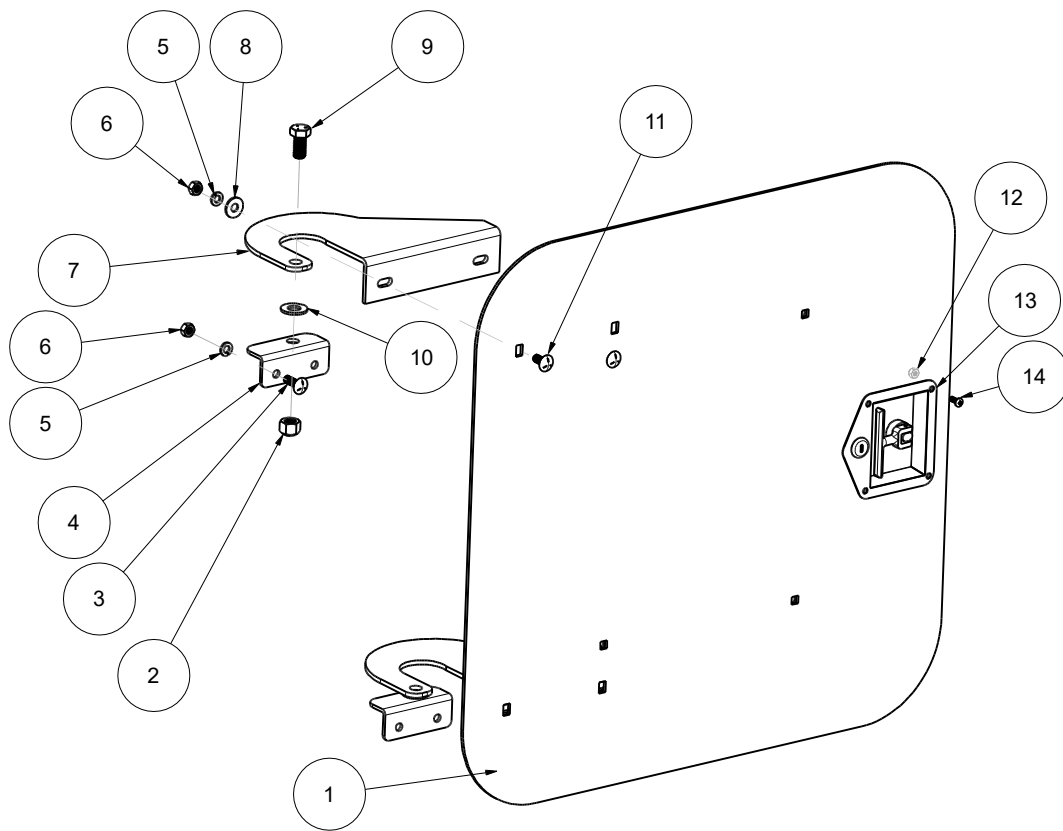


Main Frame

Item#	Part Number	Part Name	Quantity
1	3684RH	Main Frame Brace, Right Side	1
2	3684LH	Main Frame Brace, Left Side	1
3	CB34X2	3/4" x 2" Carriage Bolt	10
	FW34	3/4" Flat Washer	10
	LW34	3/4" Lock Washer	10
	NC34	3/4" Hex Nut	10
4	H5C34X2	3/4" x 2" Hex Bolt	14
	LW34	3/4" Lock Washer	14
	NC34	3/4" Hex Nut	14
5	H5C34X212	3/4" x 2-1/2" Hex Bolt	48
	LW34	3/4" Lock Washer	48
	NC34	3/4" Hex Nut	48
6	3844	Poly Stop	4
7	H5C38X112	3/8" x 1-1/2" Hex Bolt	8
	FW38	3/8" Flat Washer	8
	SNC38	3/8" Steel Lock Nut	8
8	H5C34X212	3/4" x 2-1/2" Hex Bolt	48
	LW34	3/4" Lock Washer	48
	NC34	3/4" Hex Nut	48

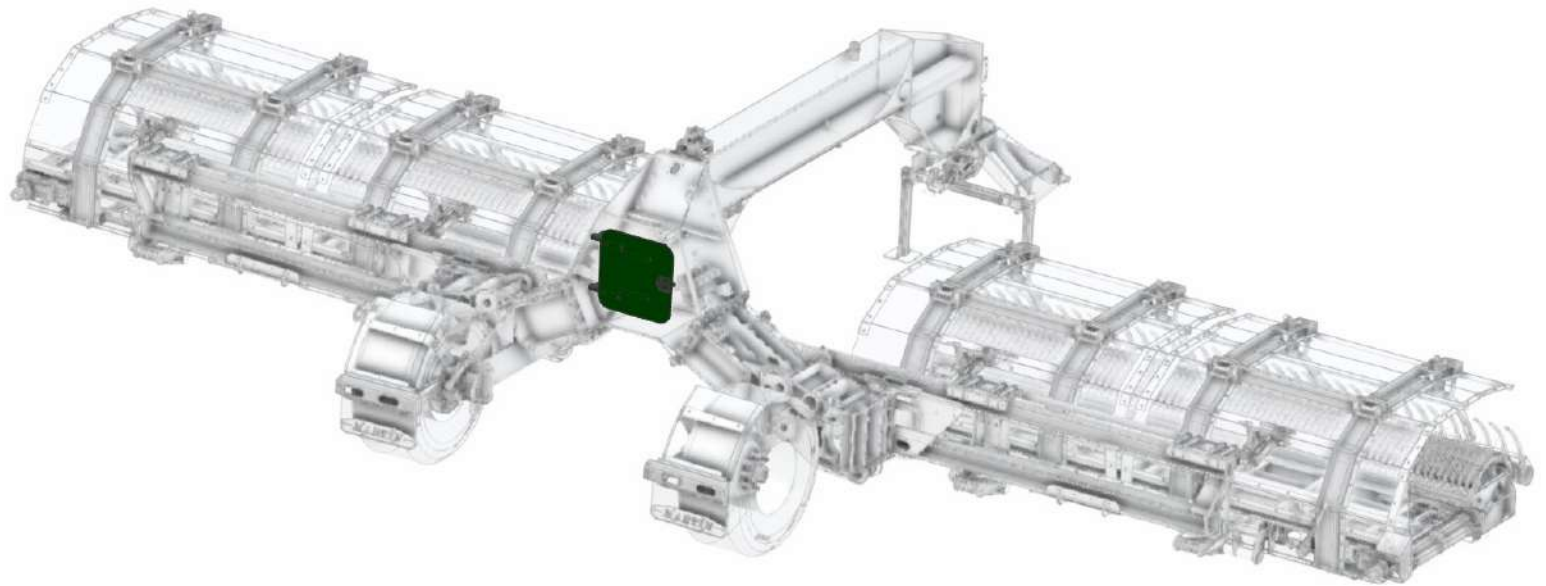


Door

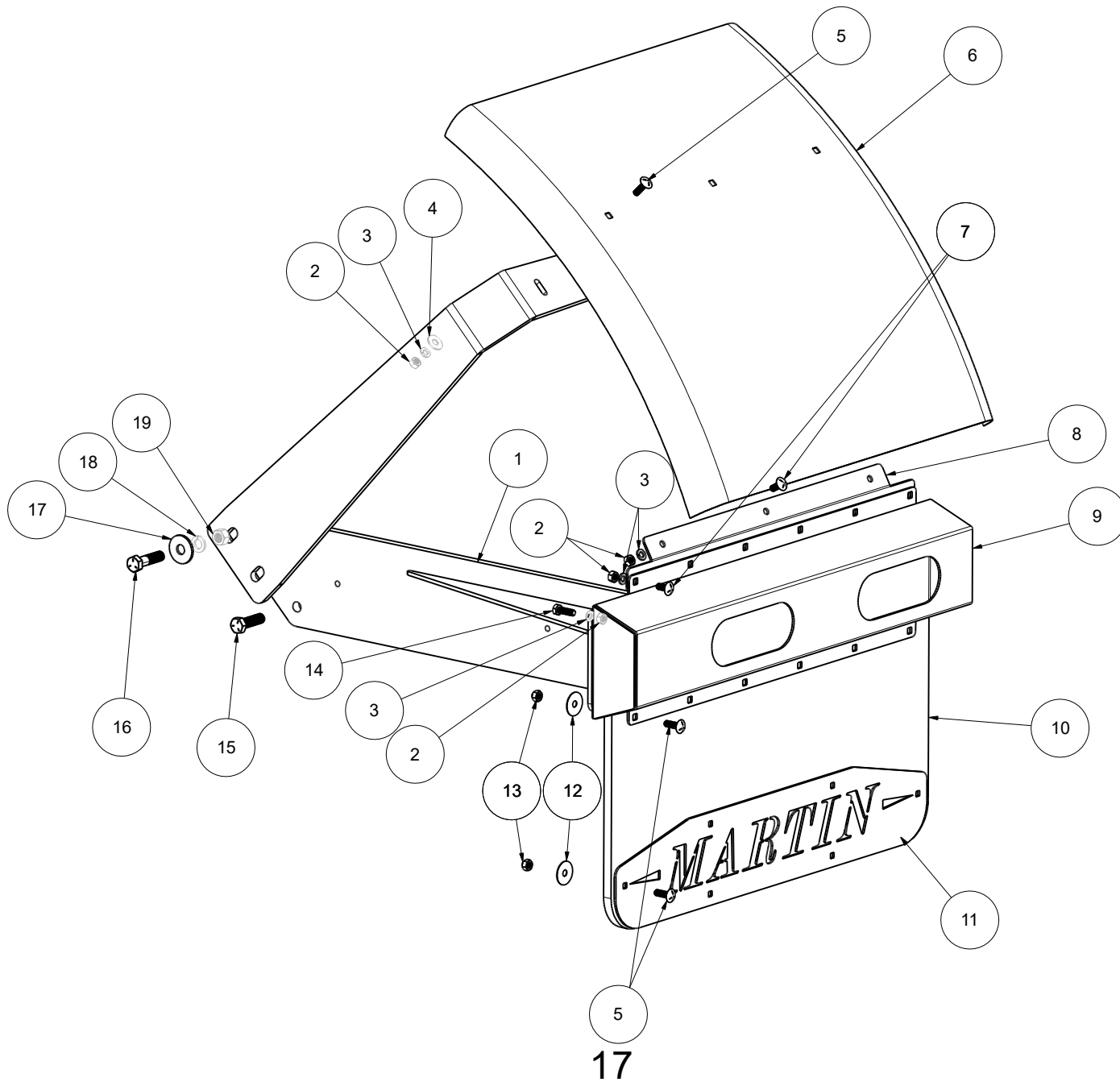


Door

Item#	Part Number	Part Name	Quantity
1	3667P	Door	1
2	SNC12	1/2" Steel Lock Nut	2
3	CB516X1	5/16" x 1" Carriage Bolt	4
4	3668P	Hinge Bracket	2
5	LW516	5/16" Lock Washer	10
6	NC516	5/16" Hex Nut	10
7	3669P	Hinge	2
8	FW516	5/16" Flat Washer	4
9	H5C12X1	1/2" x 1" Hex Bolt	2
10	74972	Thrust Washer, .567" OD x 1.125 ID" x .097 T	2
11	CB516X34	5/16" x 3/4" Carriage Bolt	4
12	NNC1024	10-24 Nylon Lock Nut	4
13	HLK2391	Latch	1
14	SSB1024X12	10-24 x 1/2" Stainless Stove Bolt	4
15	H5C516X1	5/16" x 1" Hex Bolt	2
16	3879P	Latch Strike	1

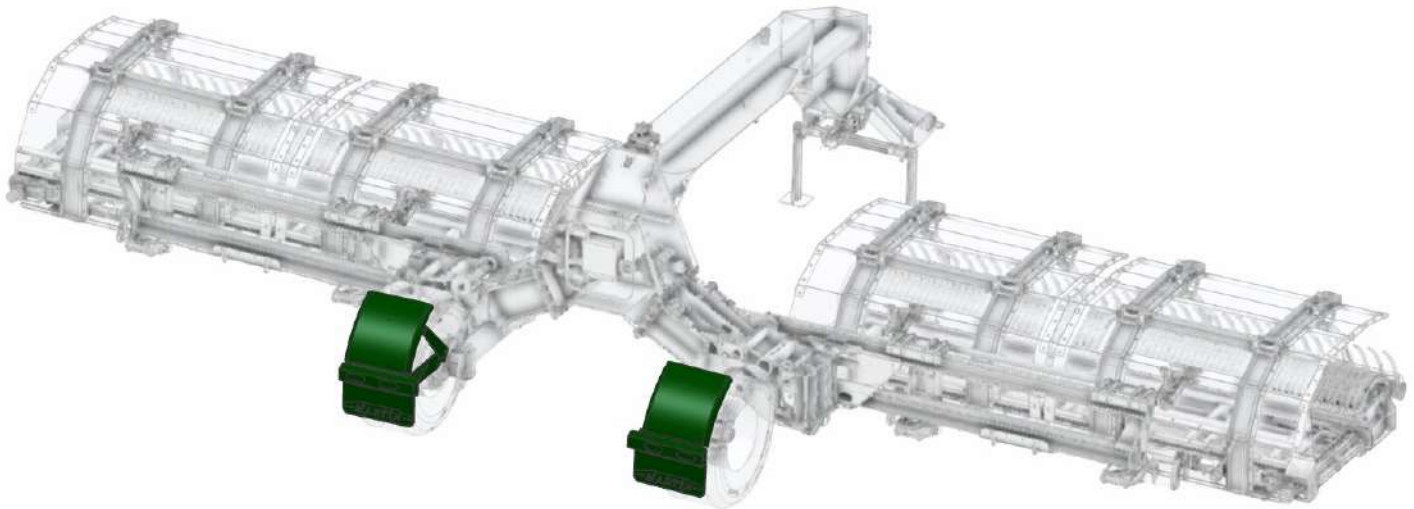


Fender and Light Box

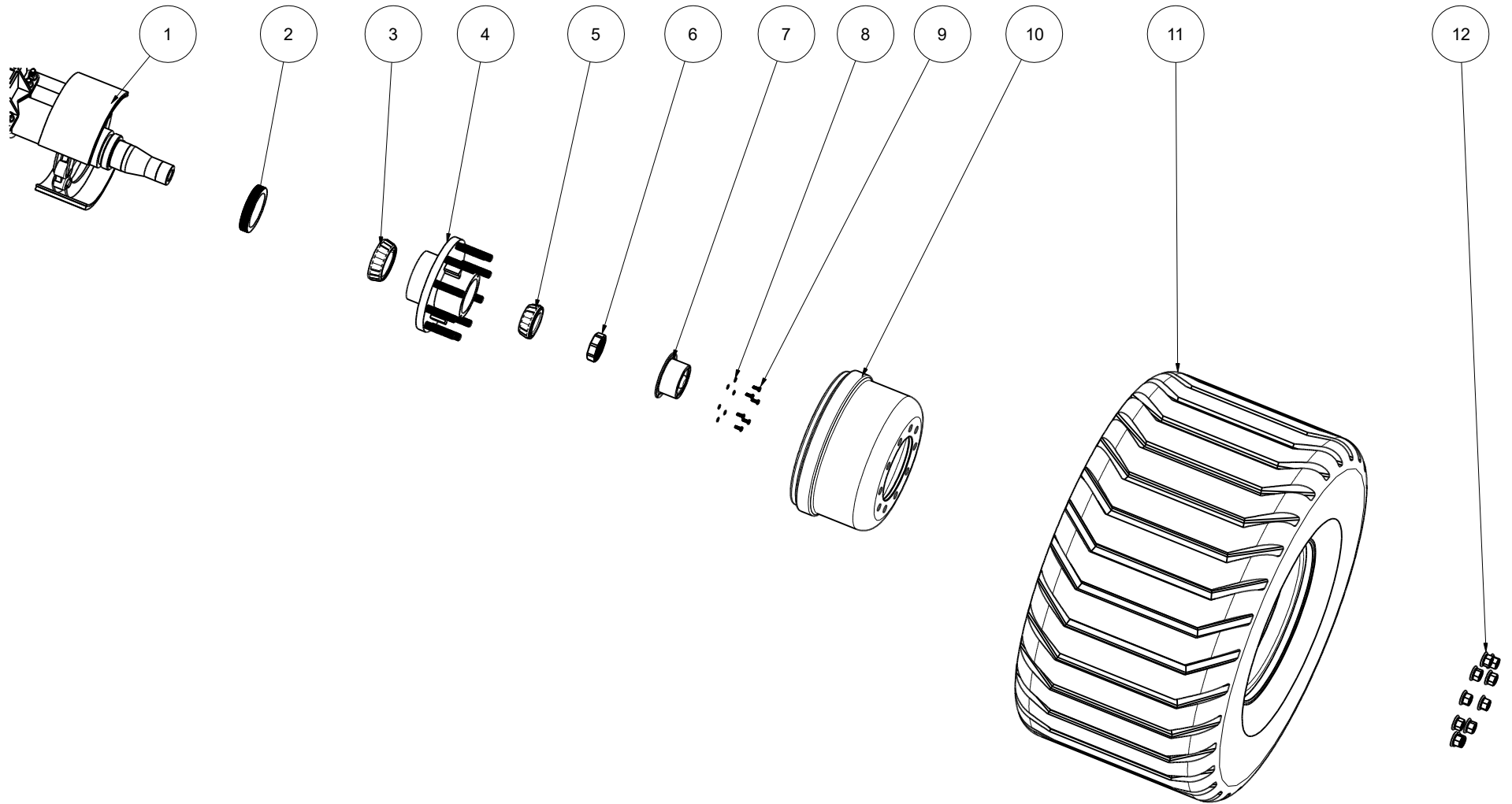


Fender and Light Box

Item#	Part Number	Part Name	Quantity
1	37091RH	Fender Support, Right Side	1
	37091LH	Fender Support, Left Side	
2	NC516	5/16" Hex Nut	18
3	LW516	5/16" Lock Washer	18
4	FW516	5/16" Flat Washer	3
5	CB516X1	5/16" x 1" Carriage Bolt	15
6	5018	3240 Poly Fender	1
7	CB516X34	5/16" x 3/4" Carriage Bolt	9
8	3853P	Fender Spacer	1
9	1529	Fender/Lightbox Weldment	1
10	5002	600 Mud Flap	1
11	5005	600 Mud Flap Weight	1
12	FDW516S	5/16" Stainless Fender Washer	12
13	SNC516	5/16" Steel Lock Nut	12
14	H5C516X1	5/16" x 1" Hex Bolt	6
15	H5C12X134	1/2" x 1-3/4" Hex Bolt	1
16	H5C12X2	1/2" x 2" Hex Bolt	2
17	FW12	1/2" Flat Washer	2
18	LW12	1/2" Lock Washer	2
19	NC12	1/2" Hex Nut	2
20	3854P	Fender Bracket	1

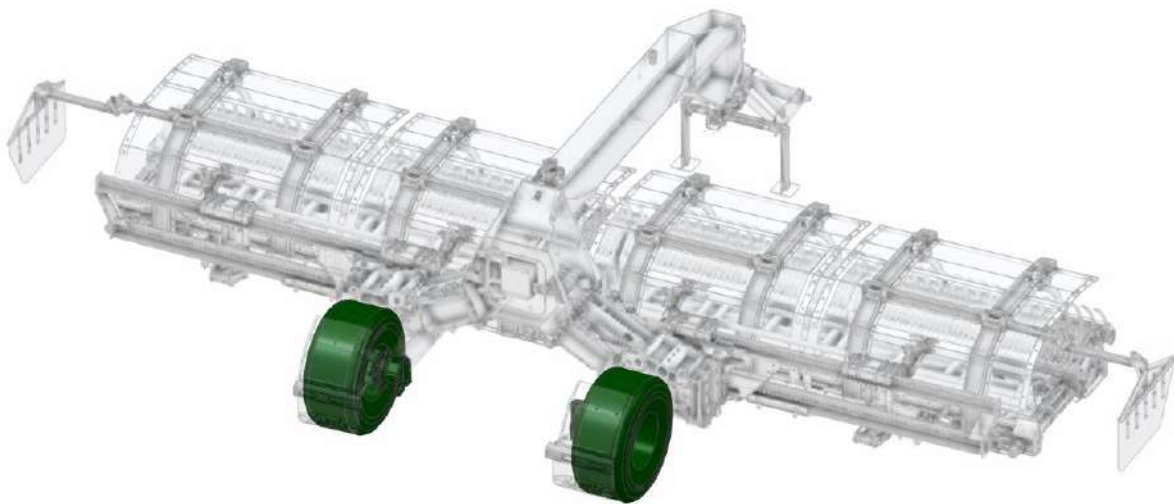


Wheel Components



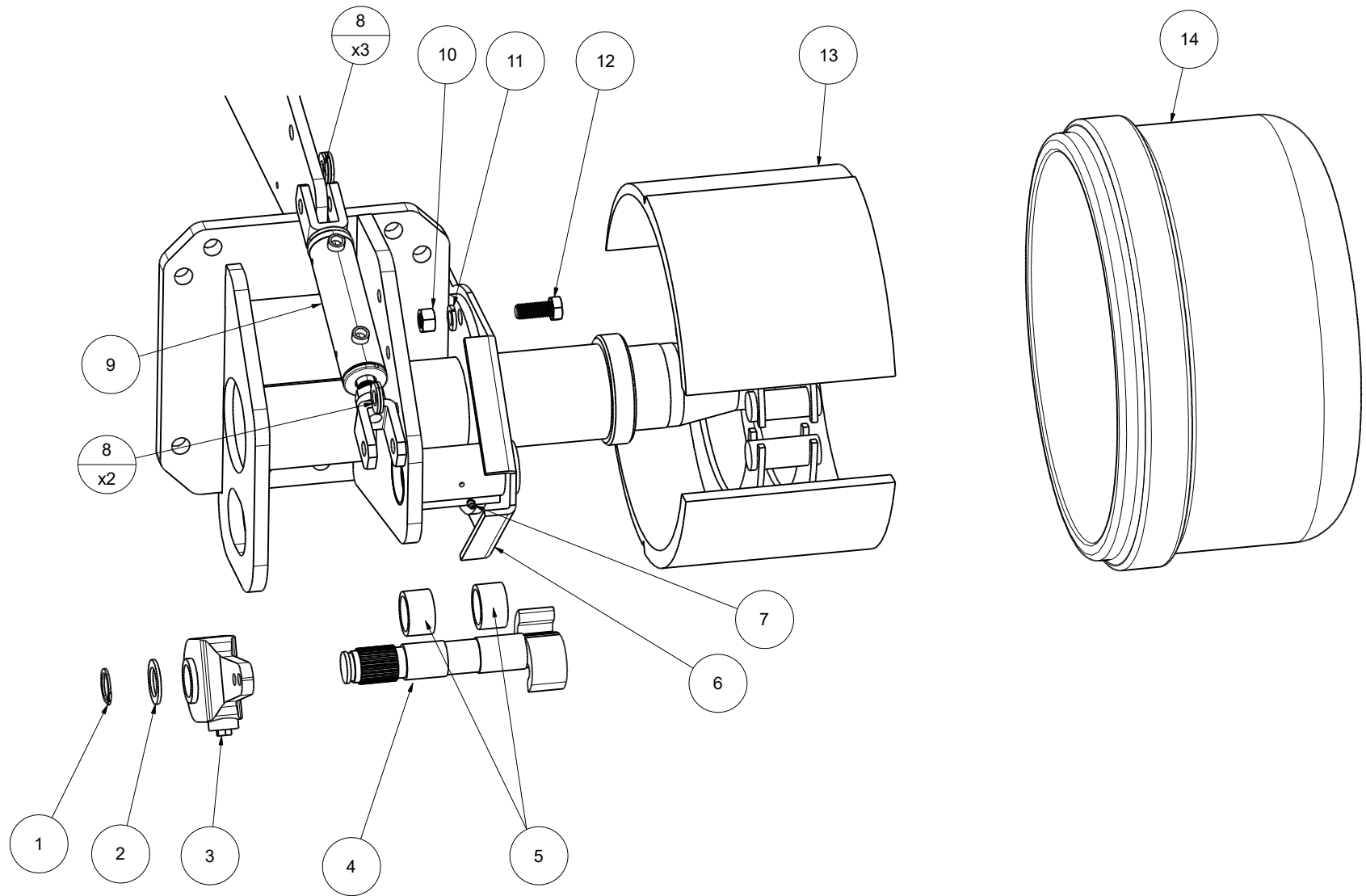
Wheel End Components

Item #	Part Number	Part Name	Quantity
1	148-4515Q-20	Brake Shoe Kit	1
2	181AC2001	Hub Seal	1
3	182H218248	Inner Wheel Bearing	1
4	150T1101S1	Wheel Hub	1
5	182H212049	Outer Wheel Bearing	1
6	2094743	Unitized Spindle Nut W/ Quick Clip	1
7	18010619	Hub Cap	1
8	LW516	5/16" Lock Washer	6
9	H5C516X34	5/16" x 3/4" Hex Bolt G5	6
10	1516700BA	Brake Drum	1
11	56045R225	560/45R22.5 Alliance 885 Tire	1
	20X225	20" x 22.5" White Rim	1
12	M22	Flanged Wheel Nut	10



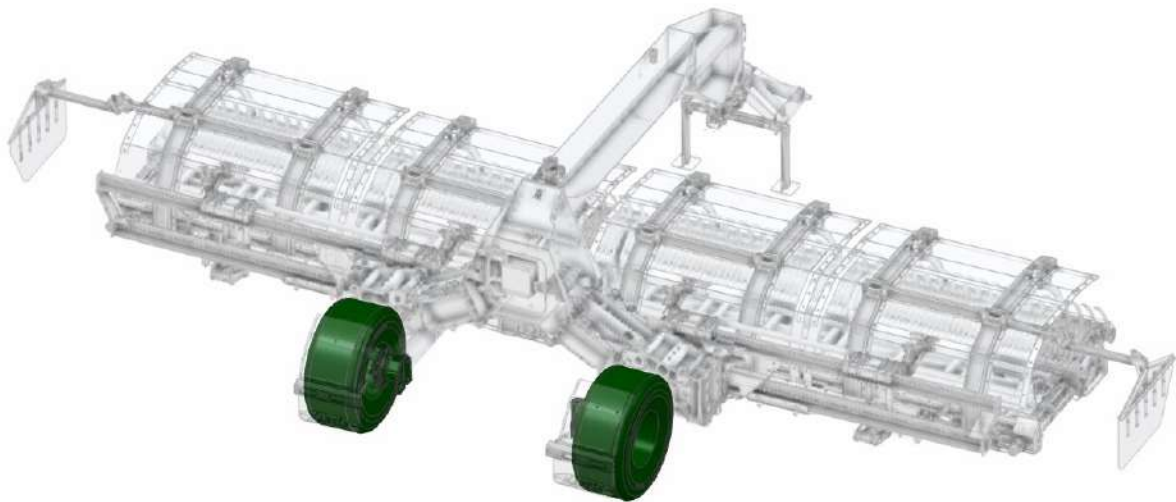
Components

Brakes

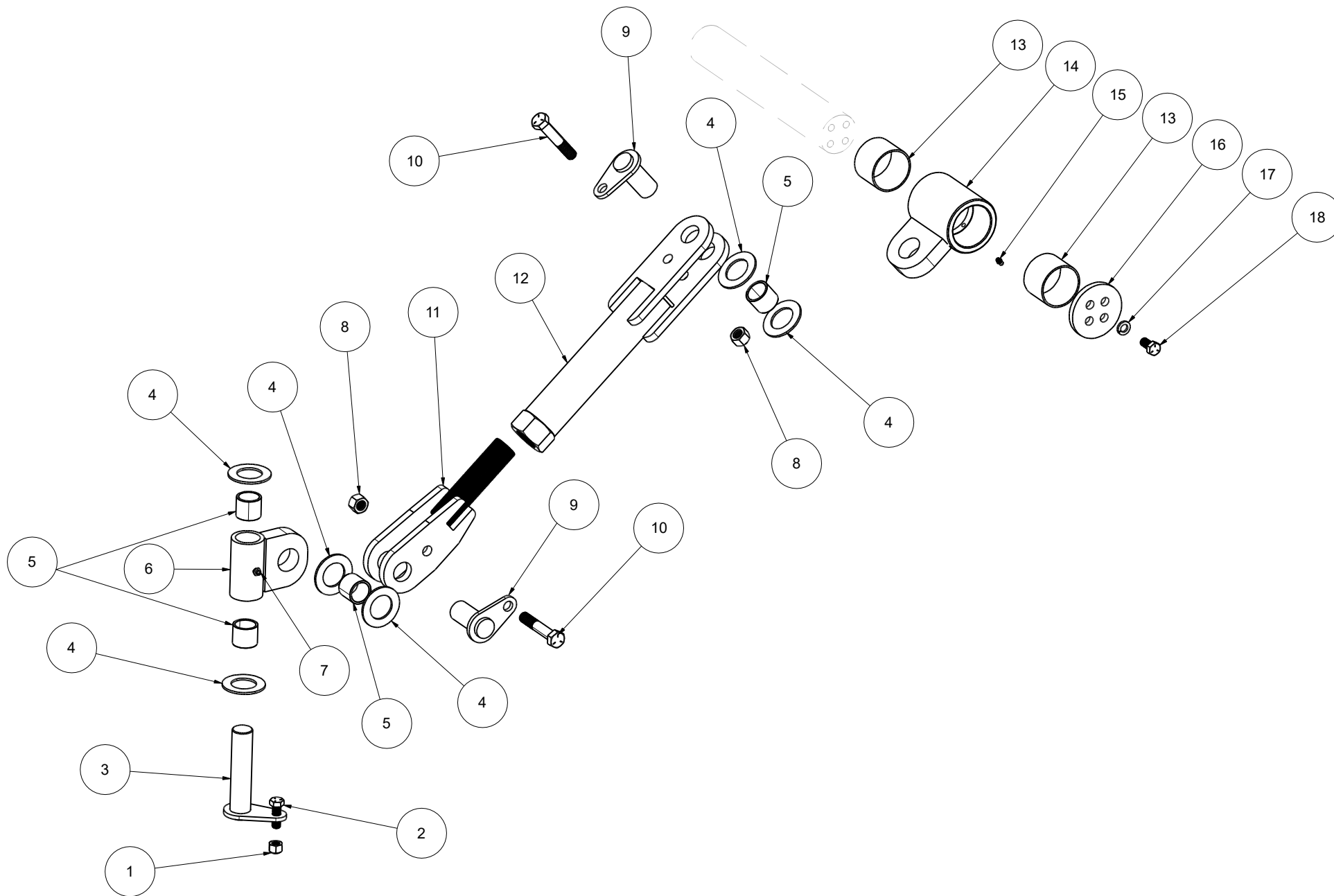


Components

Item#	Part Number	Part Name	Quantity
1	SHR-125-ZD	1-1/4" Snap Ring	1
2	MW114Z10	1-1/4" Machine Washer	1
3	134.1041	Slack Adjustor	1
4	122.280723.02	RH Brake Camshaft	1
	122.280723.01	LH Brake Camshaft	1
5	110.2211	1.5" Camshaft Bushing Kit	1
6	A3211P5814	Brake Spider	1
7	GF101	1/4" Straight Grease Fitting	1
8	SAE58	5/8" SAE Washer	5
9	CY1504BMAR	1.5" x 4" Cylinder	1
10	NC58	5/8" Hex Nut	6
11	LW58	5/8" Lock Washer	6
12	H5C58X112	5/8" x 1-1/2" Hex Bolt	6
13	148-4515Q-20	Brake Shoe Kit, Pair	1
14	1516700BA	Brake Drum	1

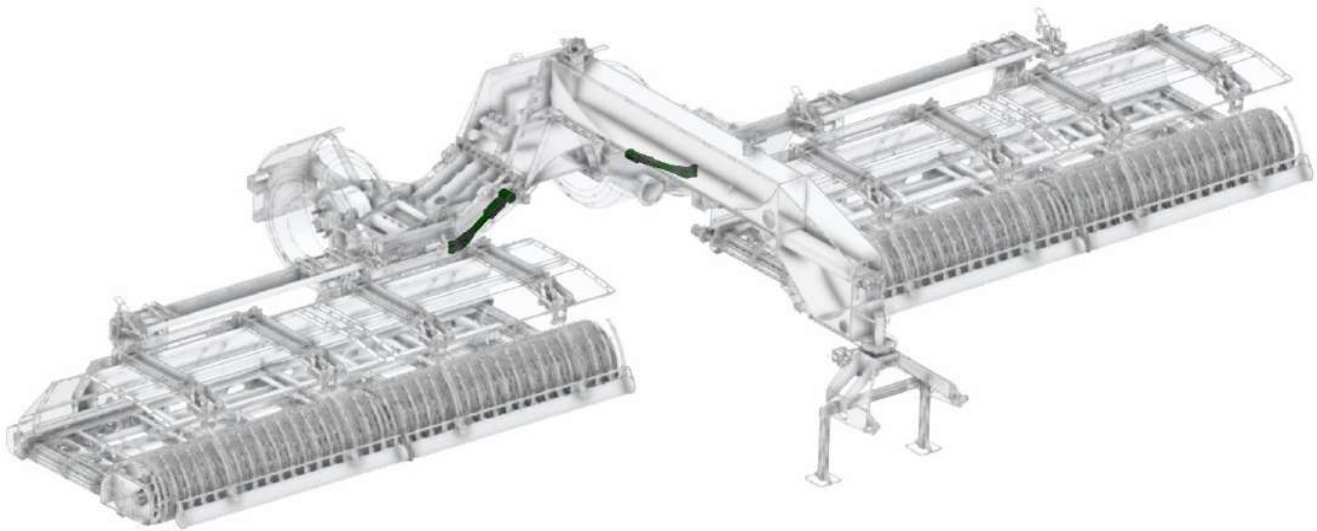


Linkage Arm

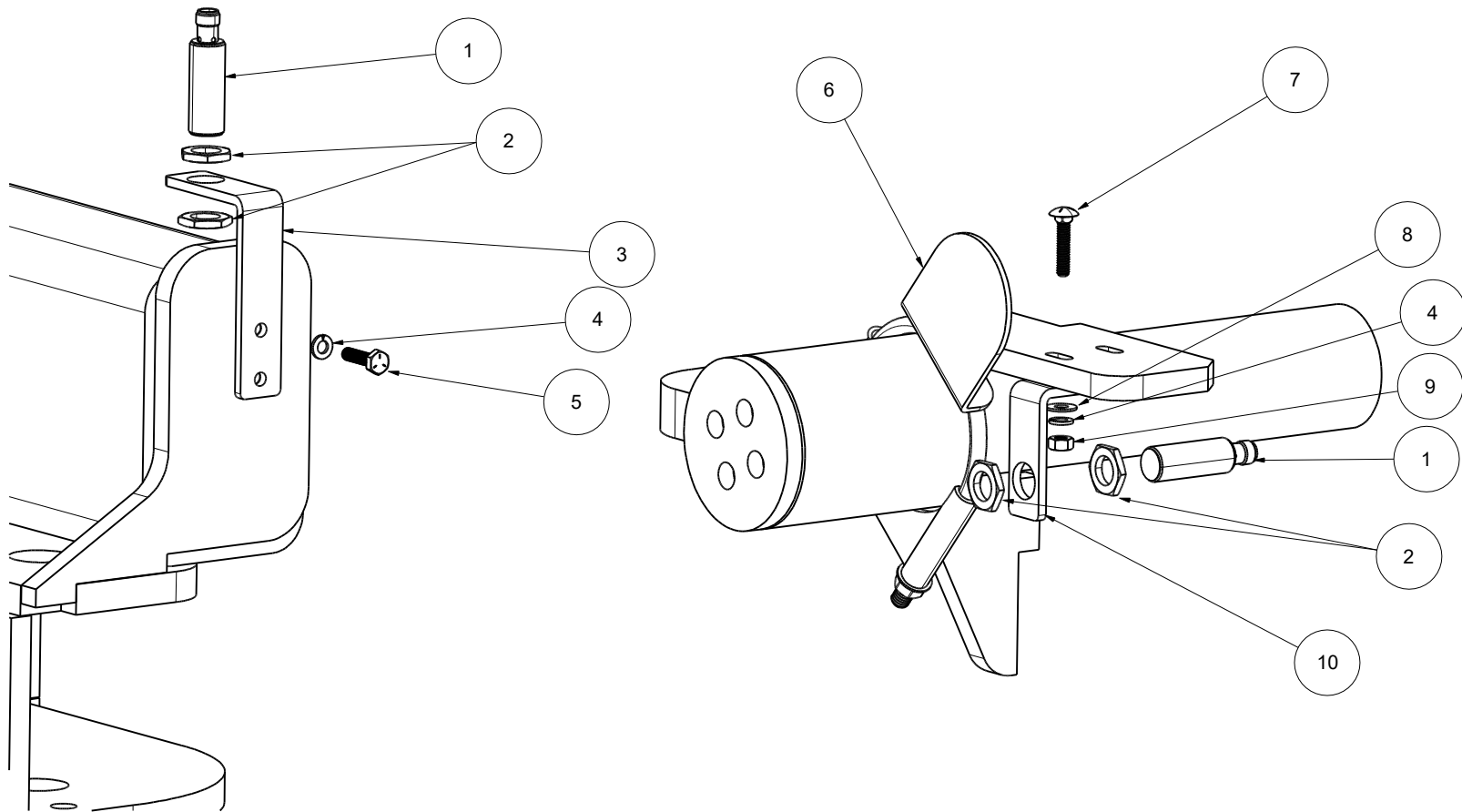


Linkage Arm

Item#	Part Number	Part Name	Quantity
1	SNC12	1/2" Steel Lock Nut	1
2	H5C12X112	1/2" x 1-1/2" Hex Bolt	1
3	3829	1-1/4" x 6" Pivot Pin Weldment	1
4	MTI-24	IGUS Thrust Washer, 1.5" ID x 2.6" OD x .125" T	6
5	Q2SI-2024-20	IGUS Q2 Plain Sleeve Bearing, 1.25" ID x 1.5" OD x 1.25" L	4
6	36281	Bushing Weldment	1
7	GF104	.125" MNPT Grease Fitting	1
8	SNC58	5/8" Steel Lock Nut	2
9	3835	1-1/4" x 3" Pivot Pin Weldment	2
10	H5C58X312	5/8" x 3-1/2" Hex Bolt	2
11	36301	Threaded Link	1
12	36321	Linkage Arm Weldment	1
13	QSI-4043-32	IGUS Q Plain Sleeve Bearing, 2.5" ID x 2.8125" OD x 2" L	2
14	36341	Pivot Weldment	1
15	GF101	1/4-28 " Straight Grease Fitting	1
16	3840P	Retaining Washer	1
17	LW12	1/2" Lock Washer	4
18	H5C12X1	1/2" x 1" Hex Bolt	4

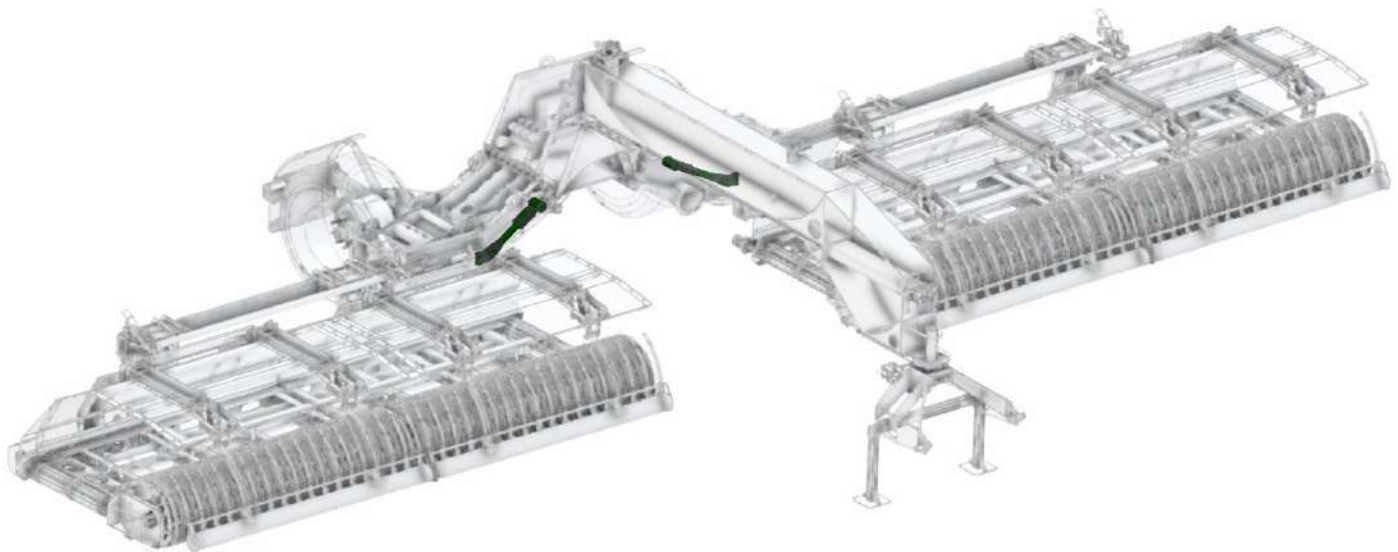


Fold Sensors

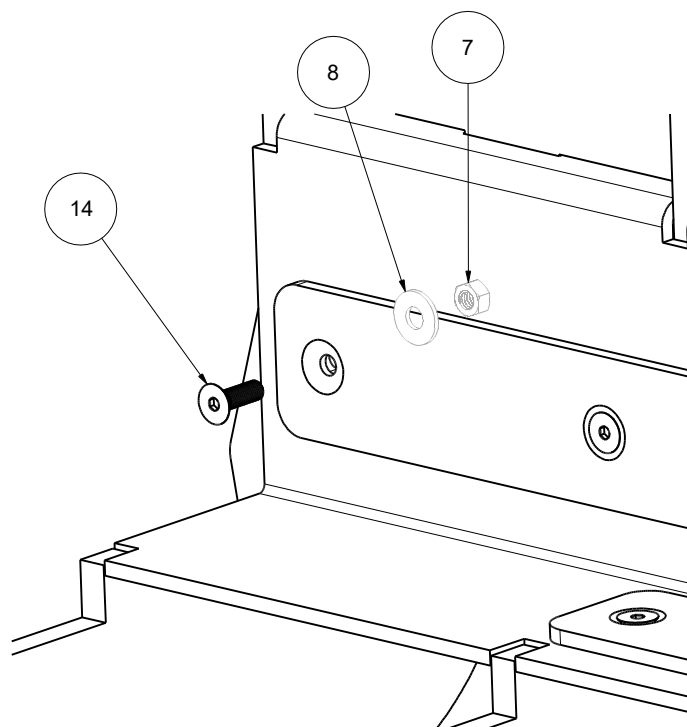
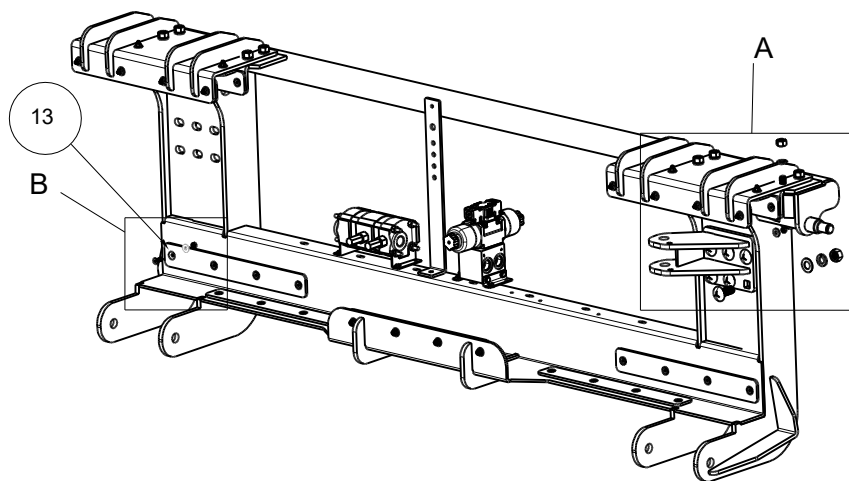


Fold Sensors

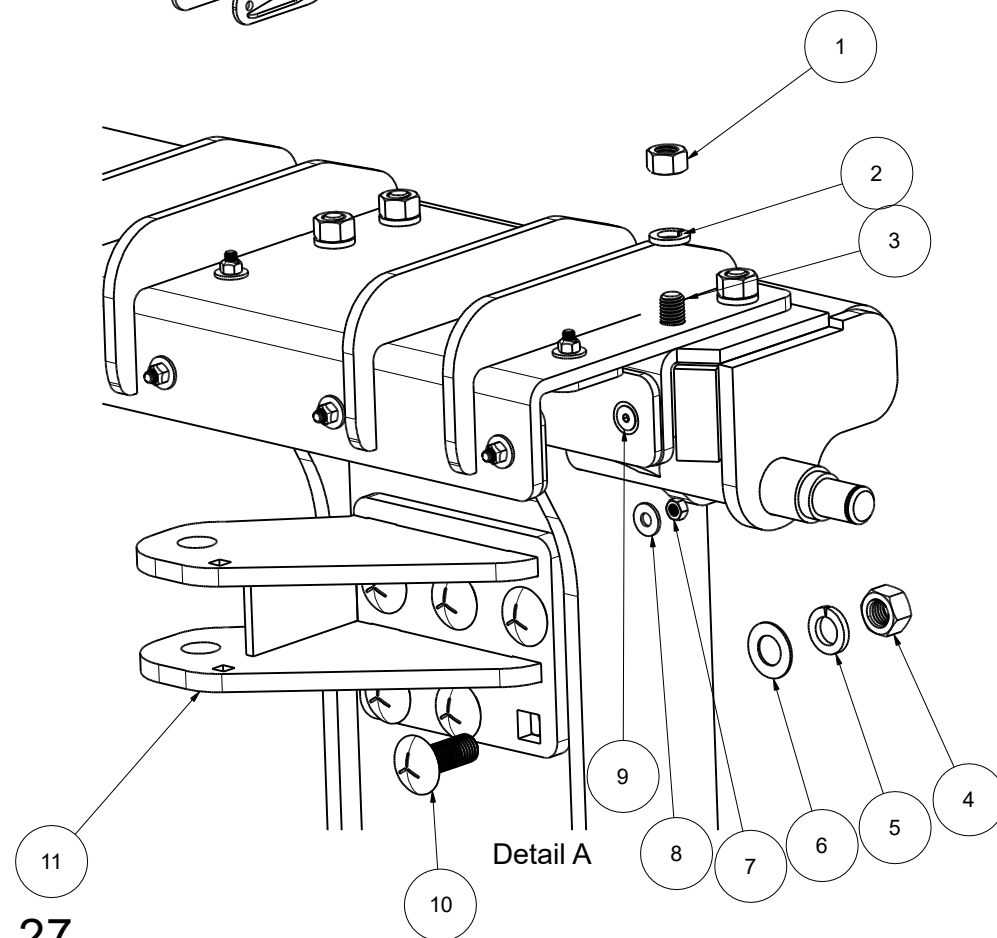
Item#	Part Number	Part Name	Quantity
1	3217	Proximity Sensor	2
	For cable details see Electrical Components (pg. 129)		
2	M18	Sensor Hex Nut	4
3	3867P	Slide Sensor Bracket	1
4	LW14	1/4" Lock Washer	4
5	H5C14X1	1/4" x 1" Hex Bolt	2
6	3874	Fold Sensor Weldment	1
7	CB14X114	1/4" x 1-1/4" Carriage Bolt	2
8	FW14	1/4" Flat Washer	2
9	NC14	1/4" Hex Nut	2
10	3868P	Tilt Sensor Bracket	1



Slider Assembly



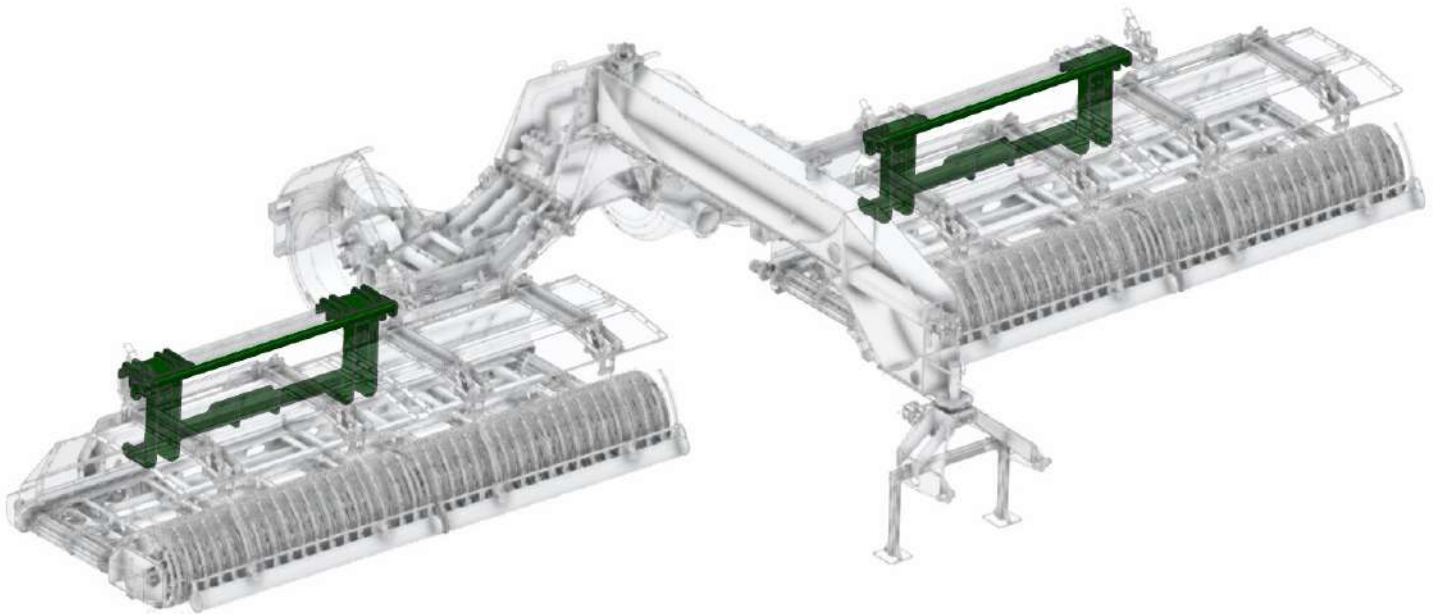
Detail B



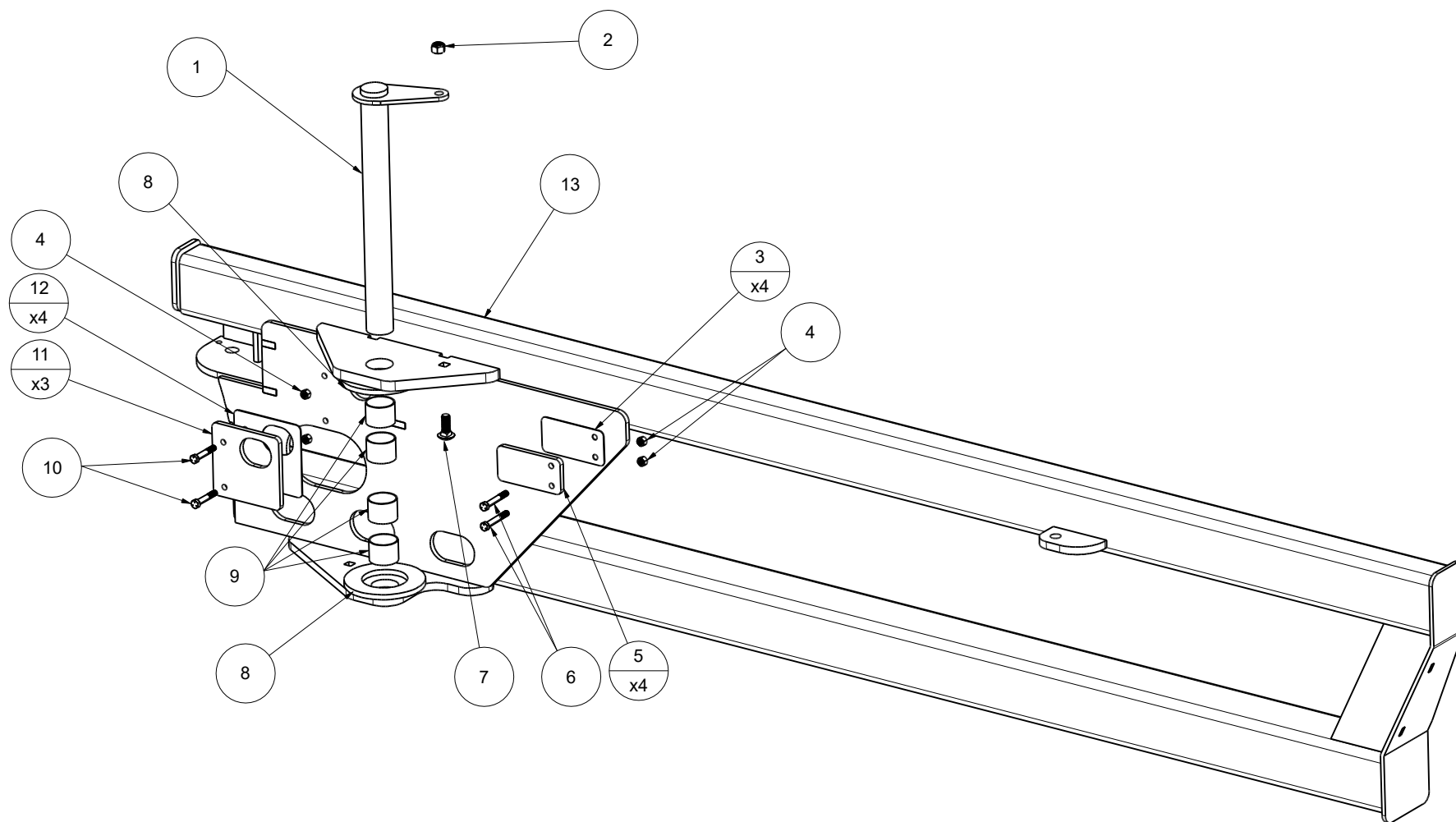
Detail A

Slider Assembly

Item#	Part Number	Part Name	Quantity
1	NC58	5/8" Hex Nut	16
2	LW58	5/8" Lock Washer	16
3	CB58X112	5/8" x 1-1/2" Carriage Bolt	16
4	NC34	3/4" Hex Bolt	6
5	LW34	3/4" Lock Washer	6
6	FW34	3/4" Flat Washer	6
7	SNC516	5/16" Steel Lock Nut	44
8	FW516	5/16" Flat Washer	44
9	SFC516X114	5/16 x 1-1/4" Allen Head Countersunk Bolt	24
10	CB34X2	3/4" x 2" Carriage Bolt	6
11	38201RH	Slide Cylinder Bracket, Right-hand	1
	38201LH	Slide Cylinder Bracket, Left-hand	
12	37641	Slide Cap Weldment	2
13	3766	UHMW Slide	11
14	SFC516X1	5/16" x 1" Allen Head Countersunk Bolt	20

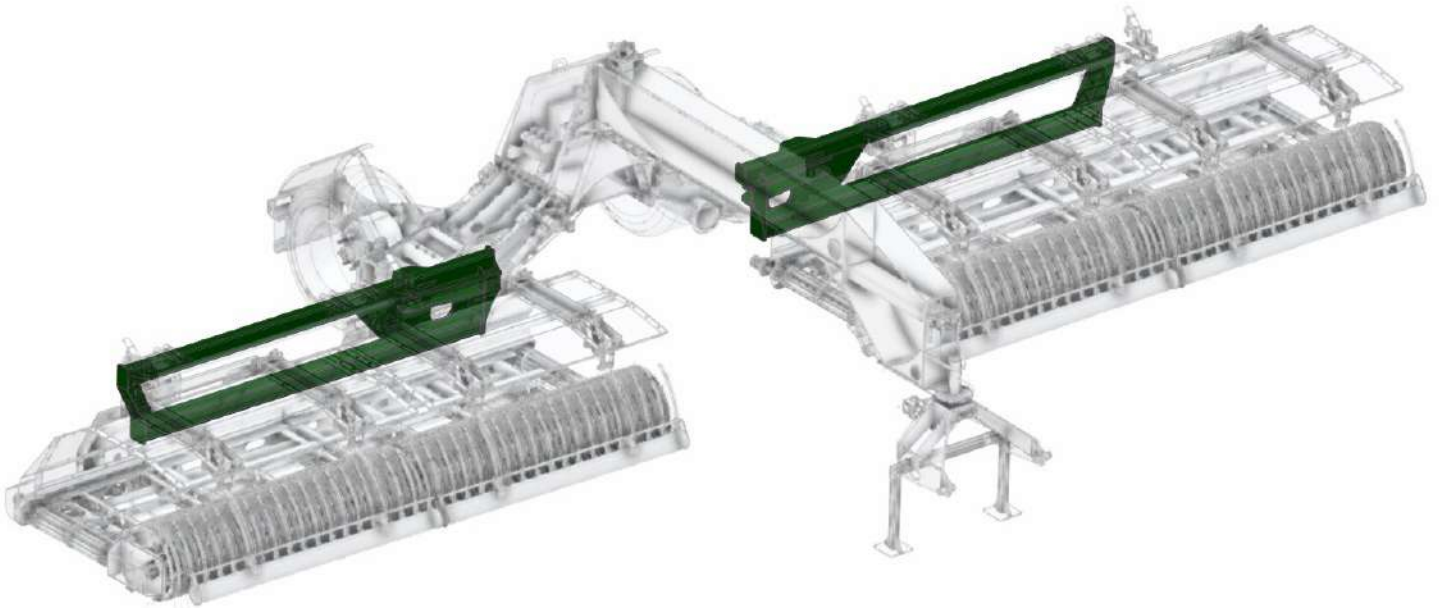


Slider Arm Assembly

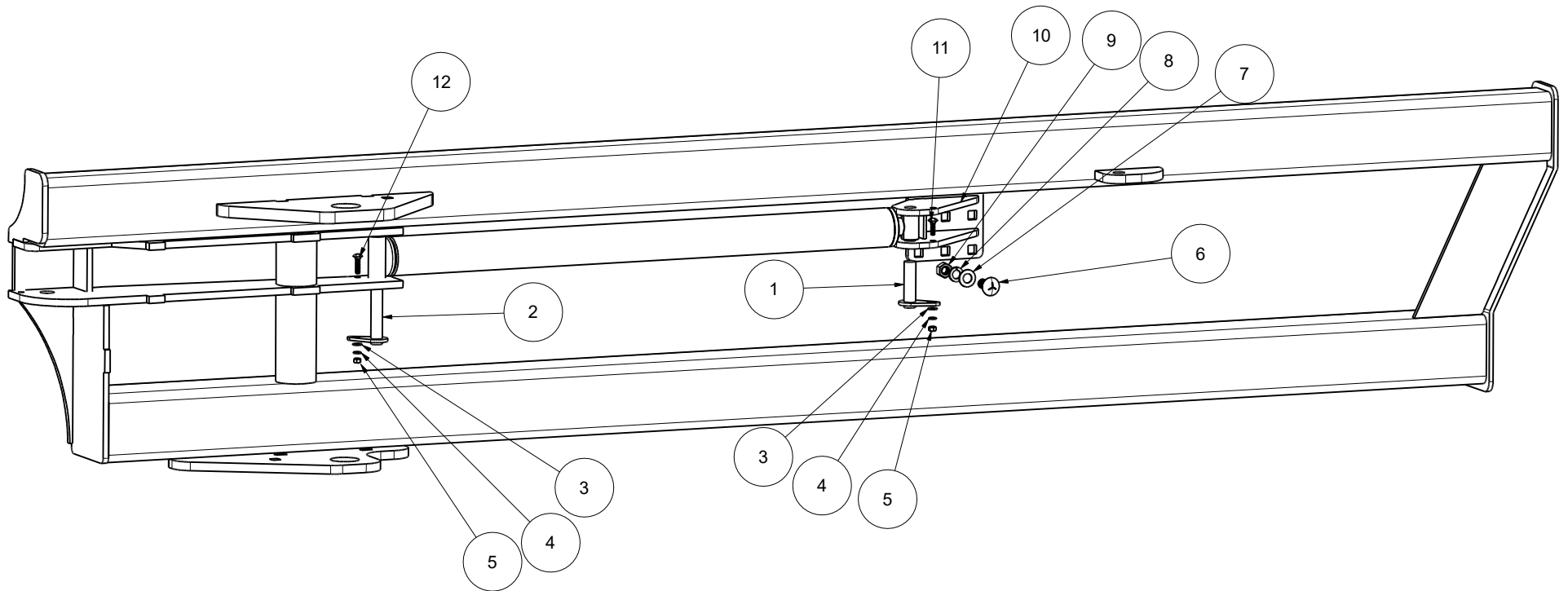


Slider Arm Assembly

Item#	Part Number	Part Name	Quantity
1	36642	Pivot Pin Weldment	1
2	SNC34	3/4" Steel Lock Nut	1
3	3763B	Shim, 14 Gauge	4
4	SNC12	1/2" Steel Lock Nut	4
5	3763	Shim, 1/2"	4
6	H5C12X412	1/2" x 4-1/2" Hex Bolt	2
7	CB34X2	3/4" x 2" Carriage Bolt	1
8	3613	UHMW Washer	2
9	QSI-4034-32	IGUS Q Plain Sleeve Bearing	4
10	H5C12X312	1/2" x 3-1/2" Hex Bolt	2
11	3649	Slotted Arm Shim, 1/2"	3
12	3649B	Slotted Arm Shim, 14ga.	4
13	36011RH	Slide Arm Weldment, Right Header	1
	36011LH	Slide Arm Weldment, Left Header	1

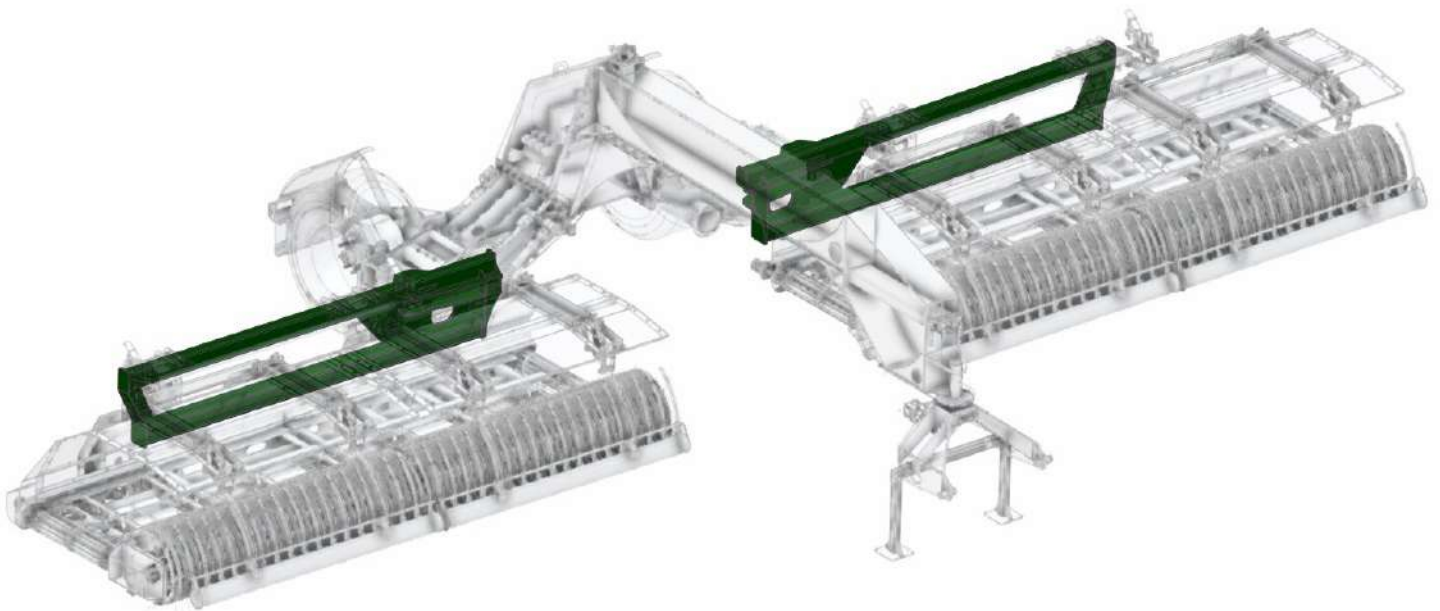


Slide Cylinder Mounting

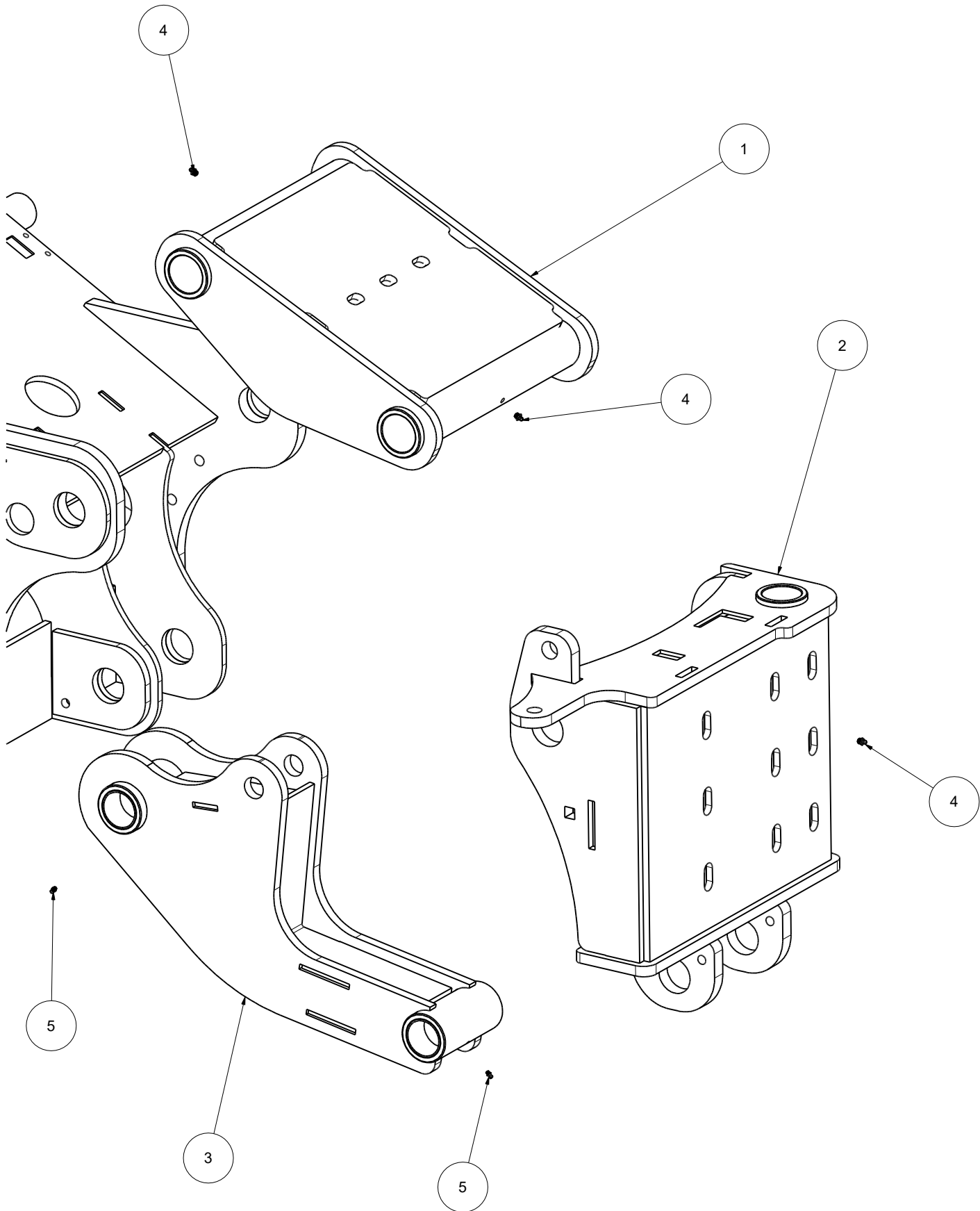


Slide Cylinder Mounting

Item#	Part Number	Part Name	Quantity
1	3838	Pin Weldment, 1" x 4"	1
2	3837	Pin Weldment, 1" x 5.75"	1
3	FW38	3/8" Flat Washer	2
4	LW38	3/8" Lock Washer	2
5	NC38	3/8" Hex Nut	2
6	CB34X2	3/4" x 2" Carriage Bolt	6
7	FW34	3/4" Flat Washer	6
8	LW34	3/4" Lock Washer	6
9	NC34	3/4" Hex Nut	6
10	38201RH	Slide Cylinder Bracket	1
11	CB38X114	3/8" x 1-1/4" Carriage Bolt	1
12	CB38X112	3/8" x 1-1/2" Carriage Bolt	1

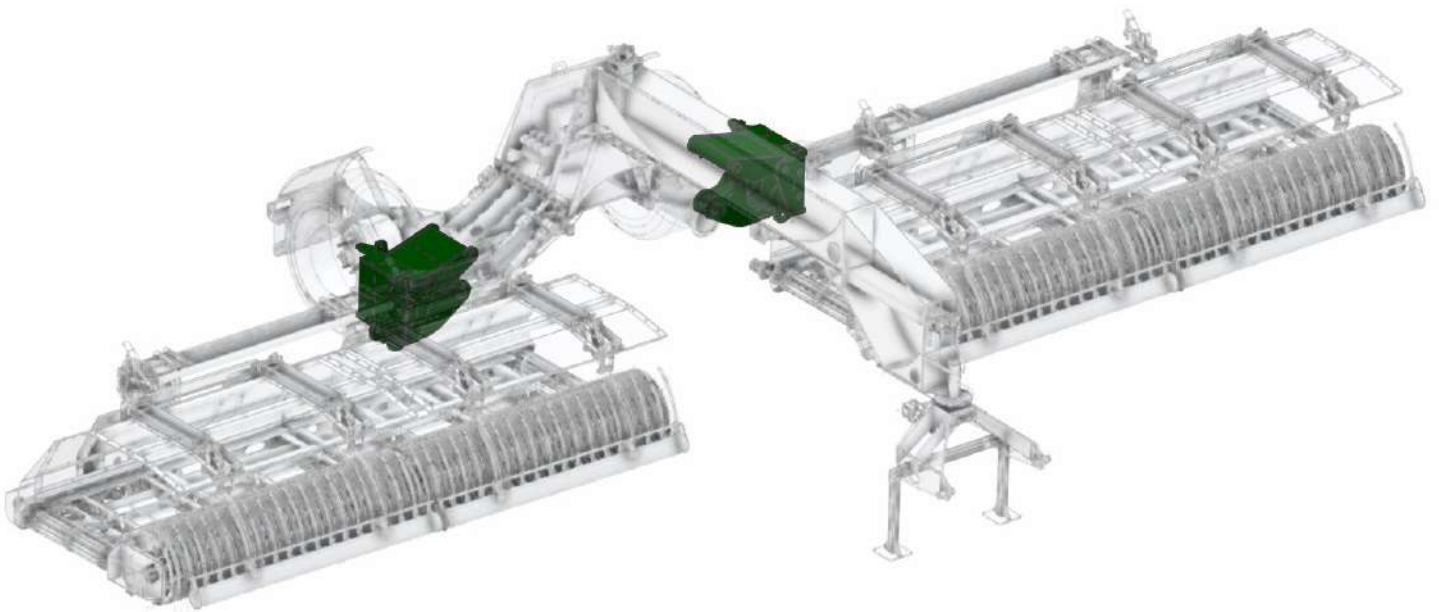


Folding Weldments

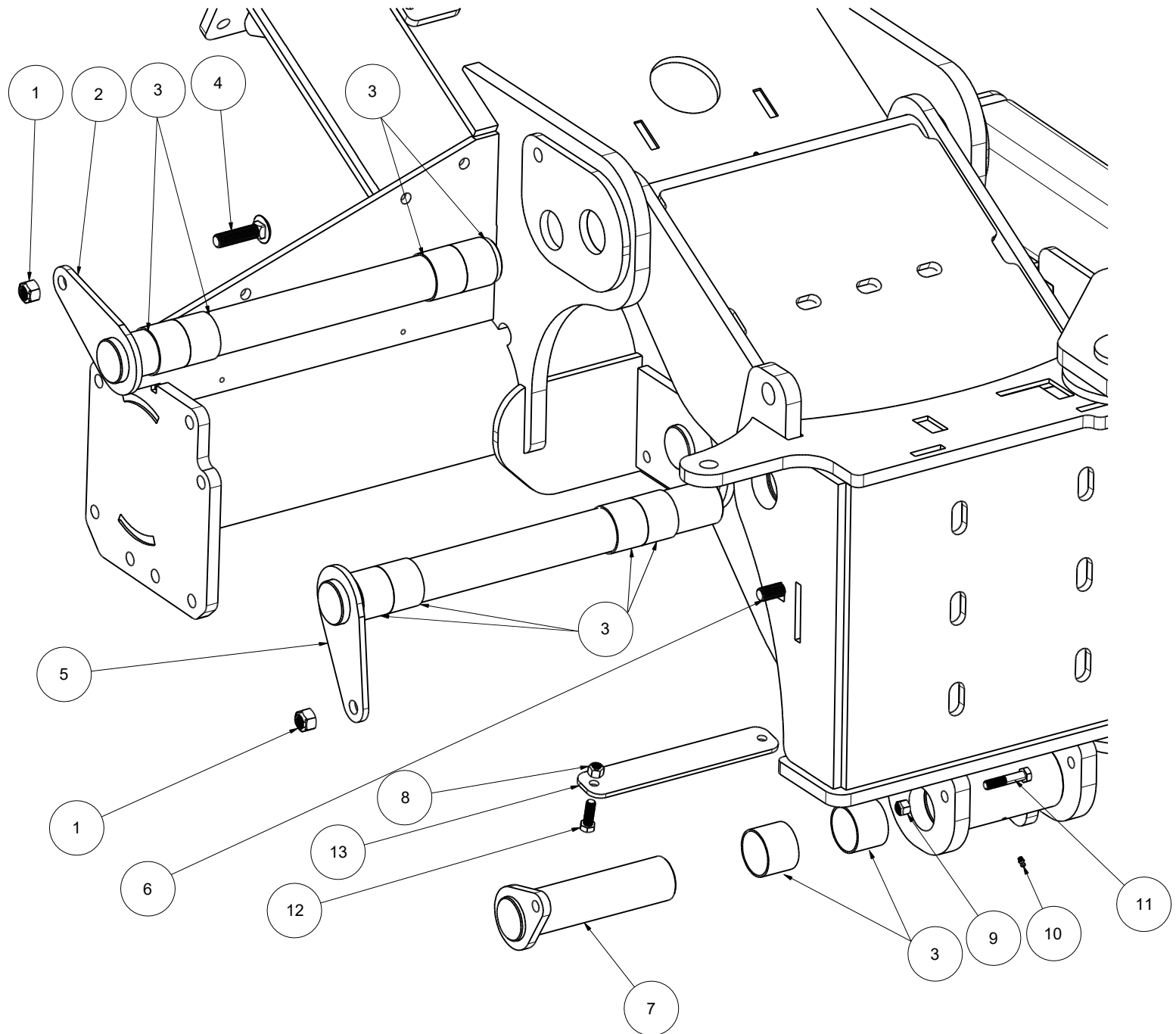


Folding Weldments

Item#	Part Number	Part Name	Quantity
1	36151	Upper Link Arm Weldment	1
2	36051RH	Pivot Weldment, RH	1
	36051LH	Pivot Weldment, LH	
3	36200	Lift Arm Weldment	1
4	GF104	1/8" Straight Grease Fitting	3
5	GF101	1/4" Straight Grease Fitting	2

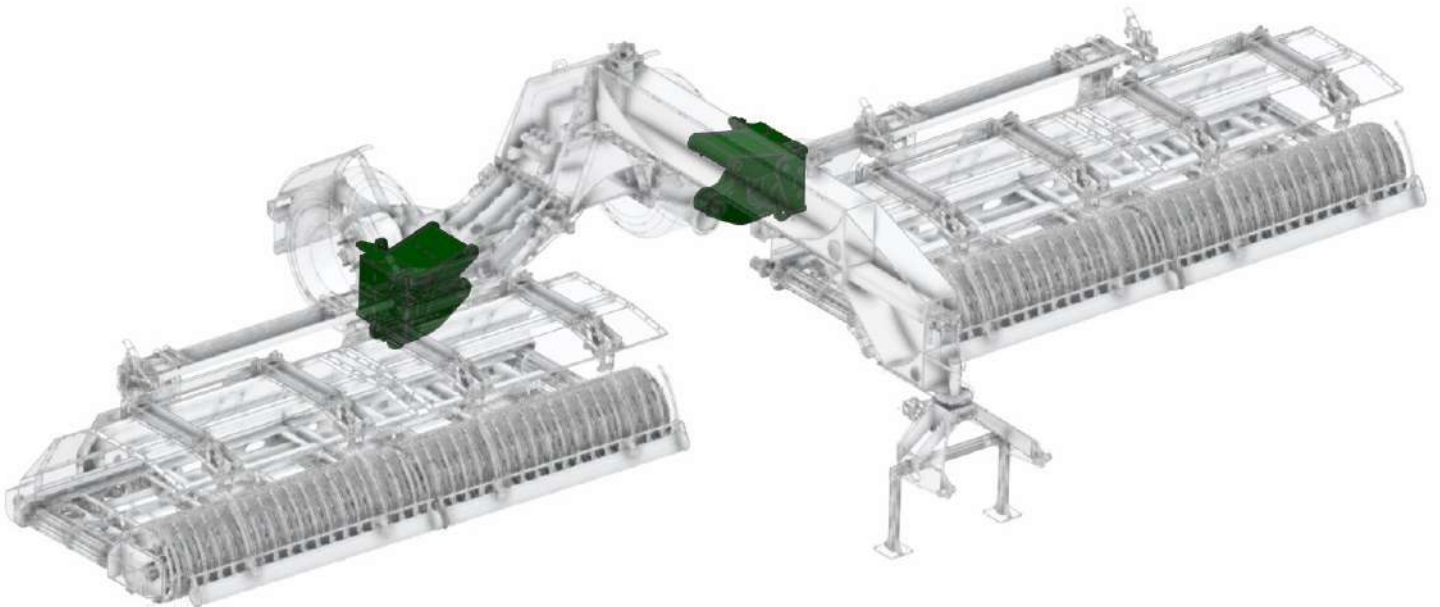


Folding Pins

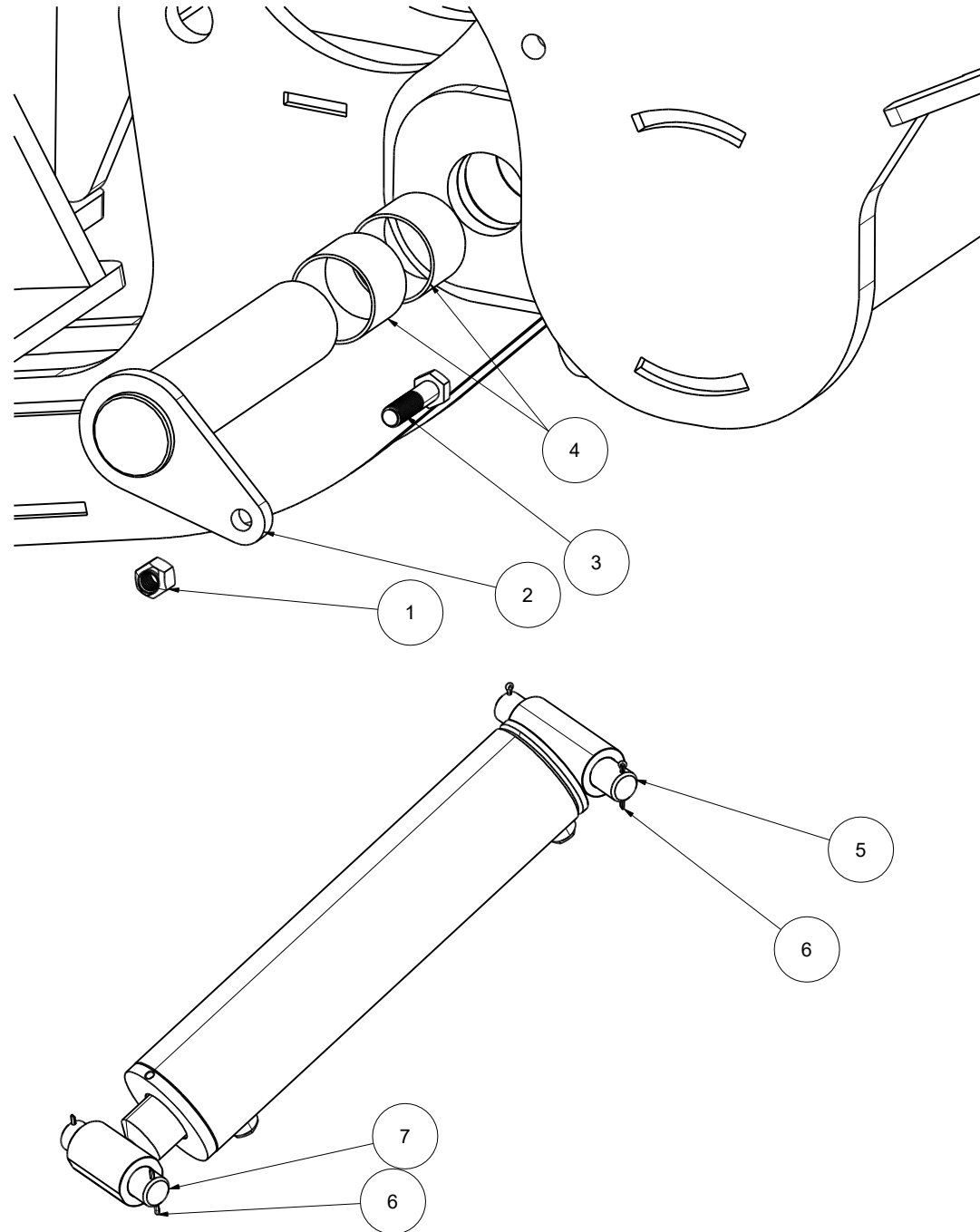


Folding Pins

Item#	Part Number	Part Name	Quantity
1	SNC34	3/4" Steel Lock Nut	2
2	36641	Pivot Pin Weldment	2
3	QSI-4043-32	IGUS Q Plain Sleeve Bearing	10
4	CB34X3	3/4" x 3" Carriage Bolt	1
5	36642	2.5" x 24.25" Pivot Pin	1
6	CB34X2	3/4" x 2" Carriage Bolt	1
7	364841	2.5" x 10" Pin Weldment	1
8	SNC12	1/2" Steel Lock Nut	1
9	SNC58	5/8" Steel Lock Nut	1
10	GF101	1/4"-28 Grease Fitting, Straight	1
11	H5C58X212	5/8" x 2-1/2" Hex Bolt	1
12	H5C12X112	1/2" x 1-1/2" Hex Bolt	2
13	3839P	1/4" Stop Shim	1
	3839BP	1/2" Stop Shim	OPT.

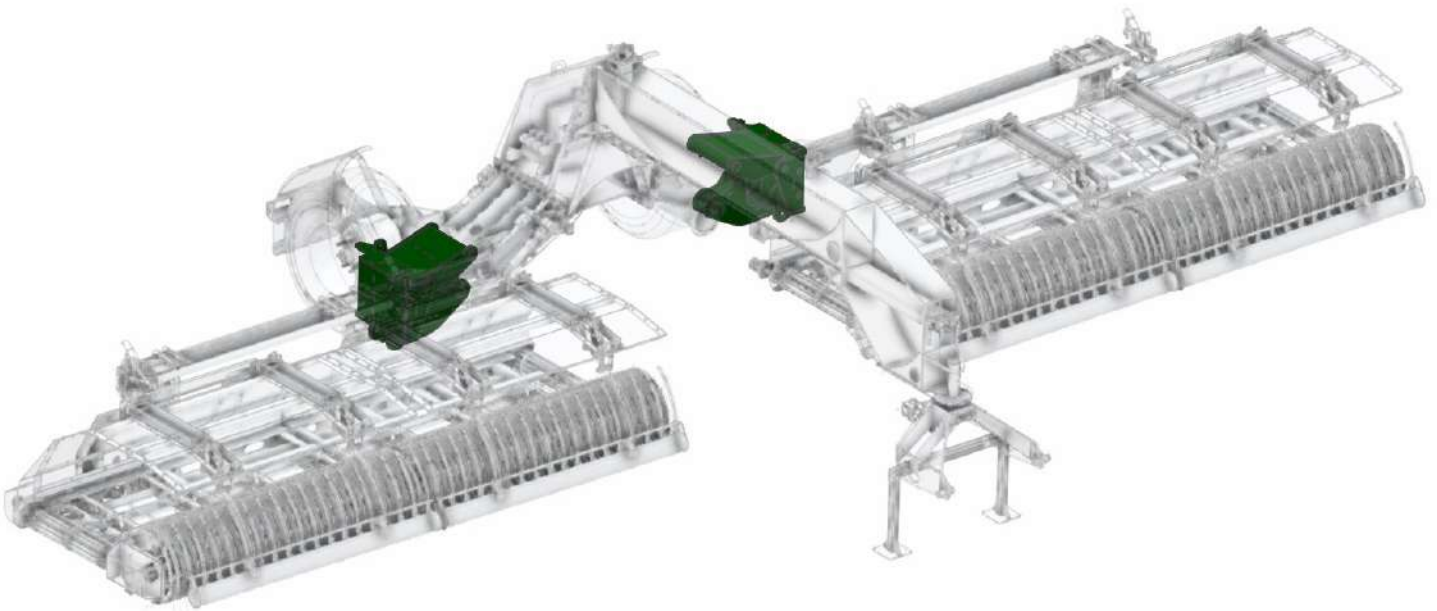


Folding Pins cont...



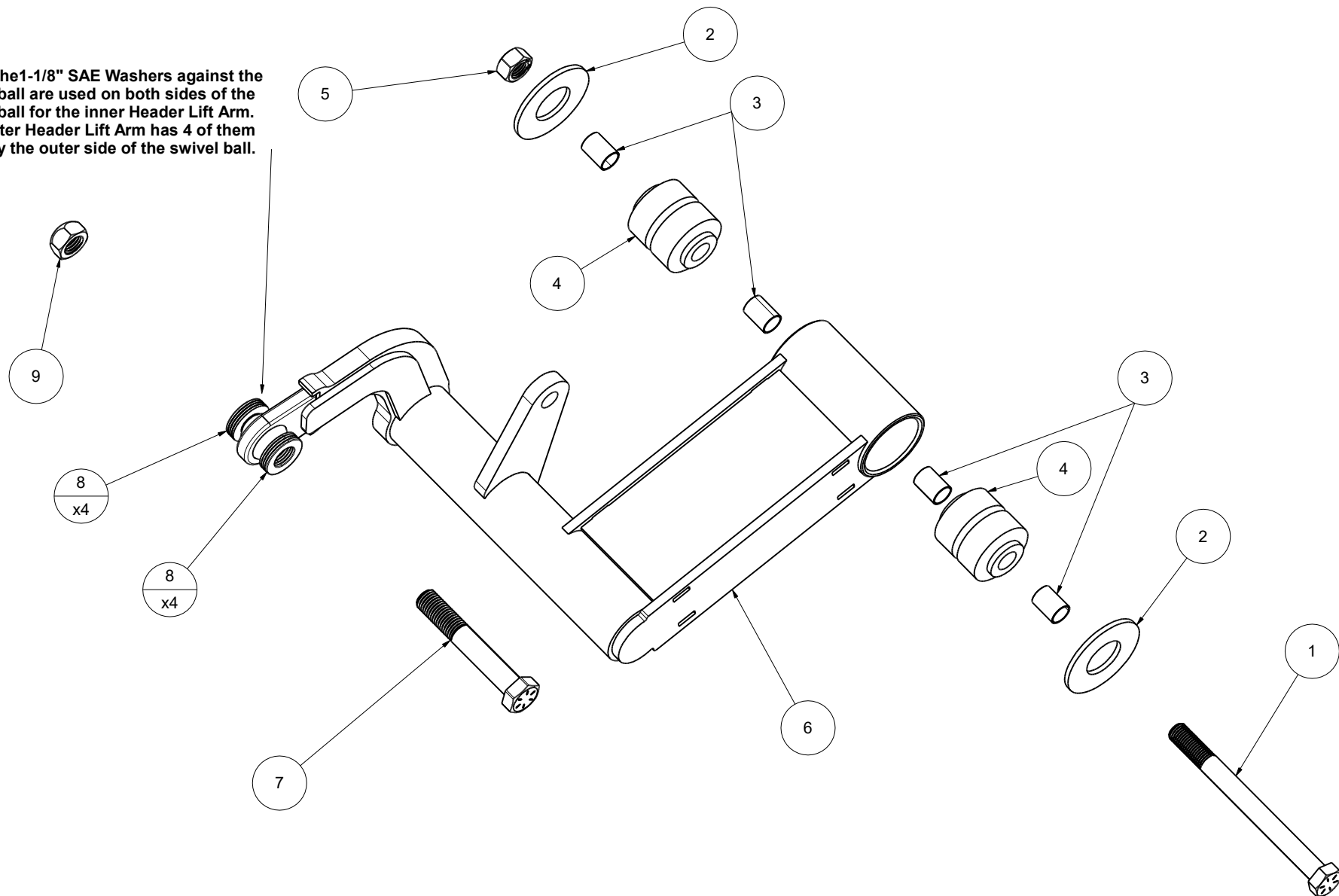
Folding Pins cont...

Item#	Part Number	Part Name	Quantity
1	SNC58	5/8" Steel Lock Nut	1
2	36851	Pivot Pin Weldment	1
3	H5C58X212	5/8" x 2-1/2" Hex Bolt	1
4	QSI-4043-32	IGUS Q Plain Sleeve Bearing	2
5	3842	Cylinder Pin, 9.125"	1
6	CT14X212	1/4" x 2-1/2" Cotter Pin	4
7	3841	Cylinder Pin, 6.5"	1



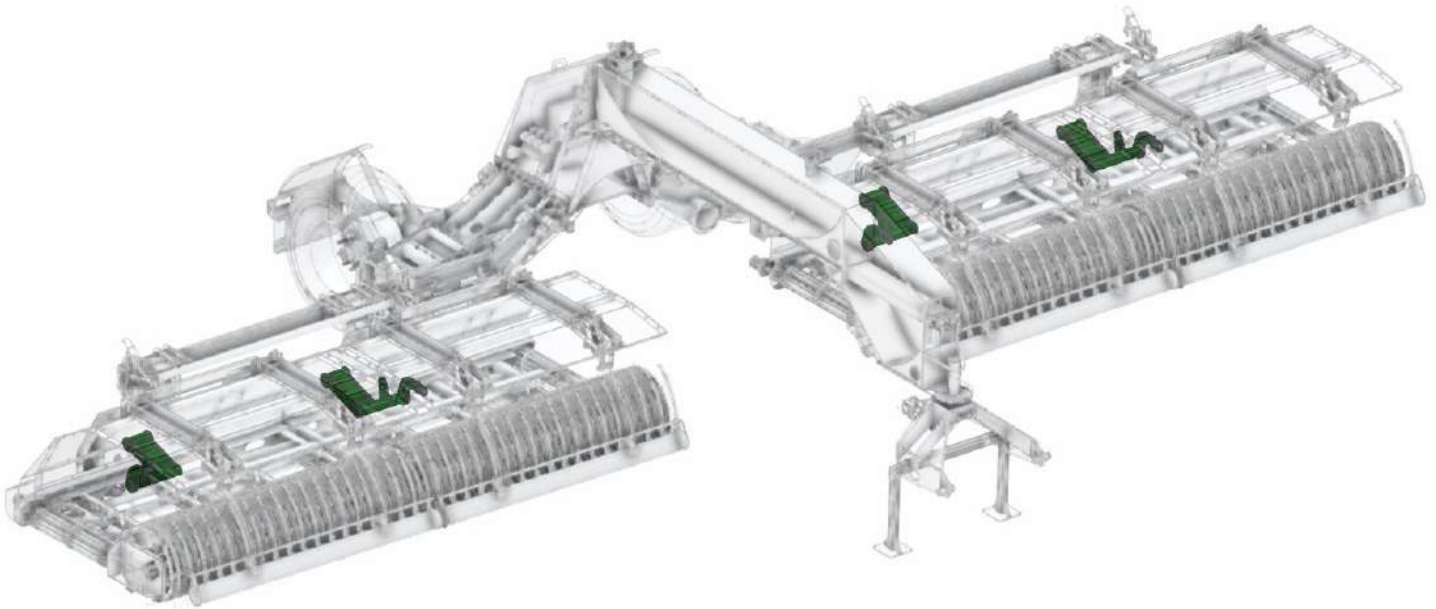
Header Lift Arm

Note: The 1-1/8" SAE Washers against the swivel ball are used on both sides of the swivel ball for the inner Header Lift Arm. The Outer Header Lift Arm has 4 of them on only the outer side of the swivel ball.

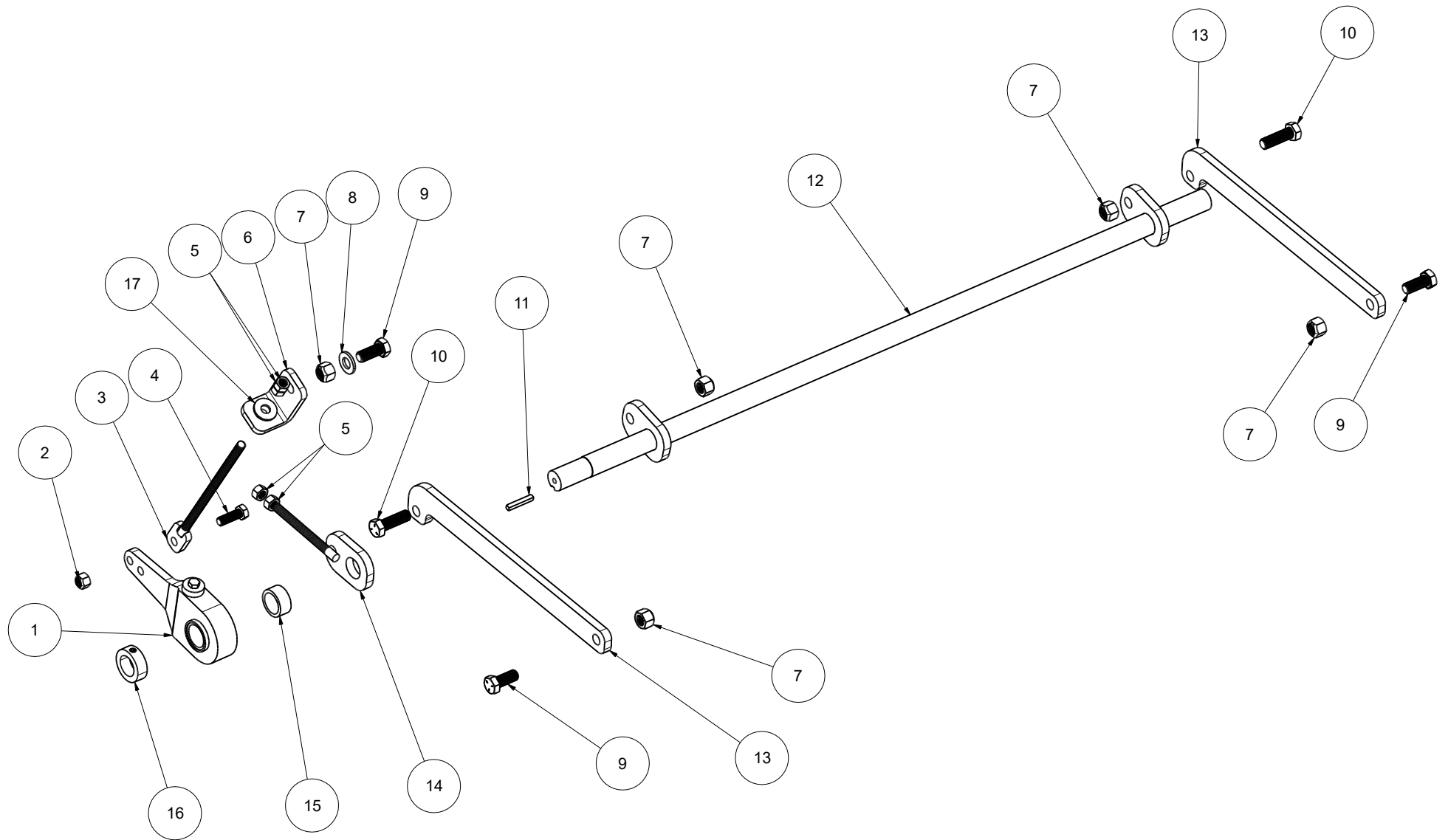


Header Lift Arm

Item#	Part Number	Part Name	Quantity
1	H8C1X11	1" x 11" Hex Bolt, Grade 8	1
2	3833	UHMW Washer	1
3	JSI-16-18-24	IGUS J Plain Sleeve Bearing	4
4	TRB5542	Rubber Equalizer Bushing, 3.375" OD, 1.125" ID x 3.875" LOB	2
5	SNC1	1" Steel Lock Nut	1
6	37701LH	Lift Arm, Left Hand	1
	37701RH	Lift Arm, Right Hand	1
7	H8C118X7B	1-1/8" x 7" Hex Bolt, Grade 8	1
8	SW118	1-1/8" SAE Washer	8
9	SNC118	1-1/8" Steel Lock Nut	1

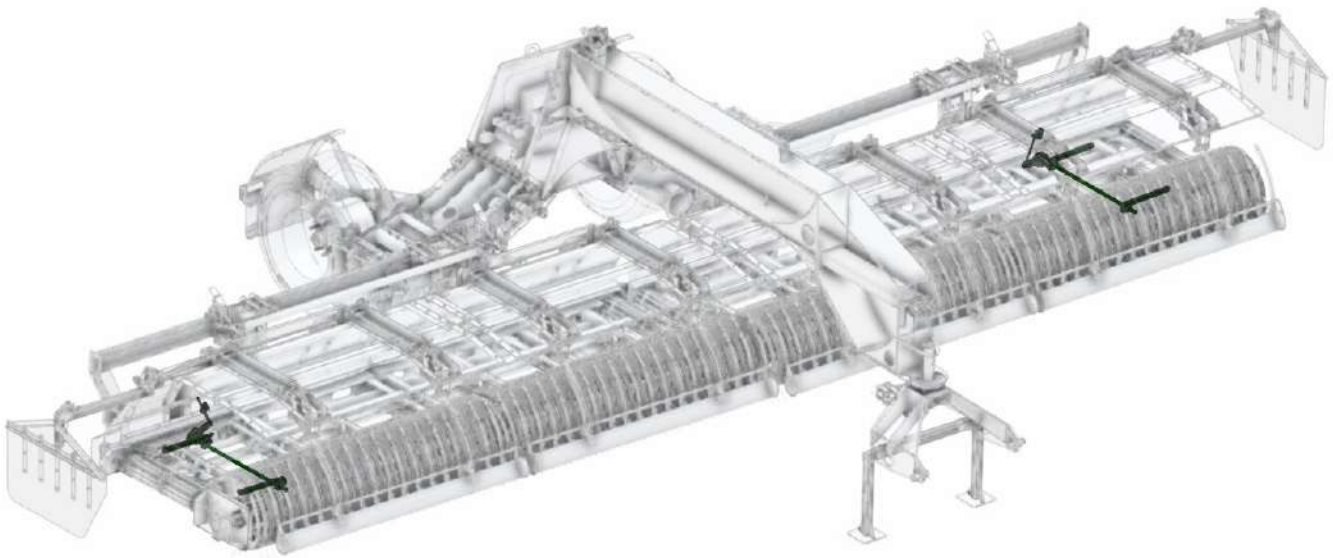


Belt Tensioner



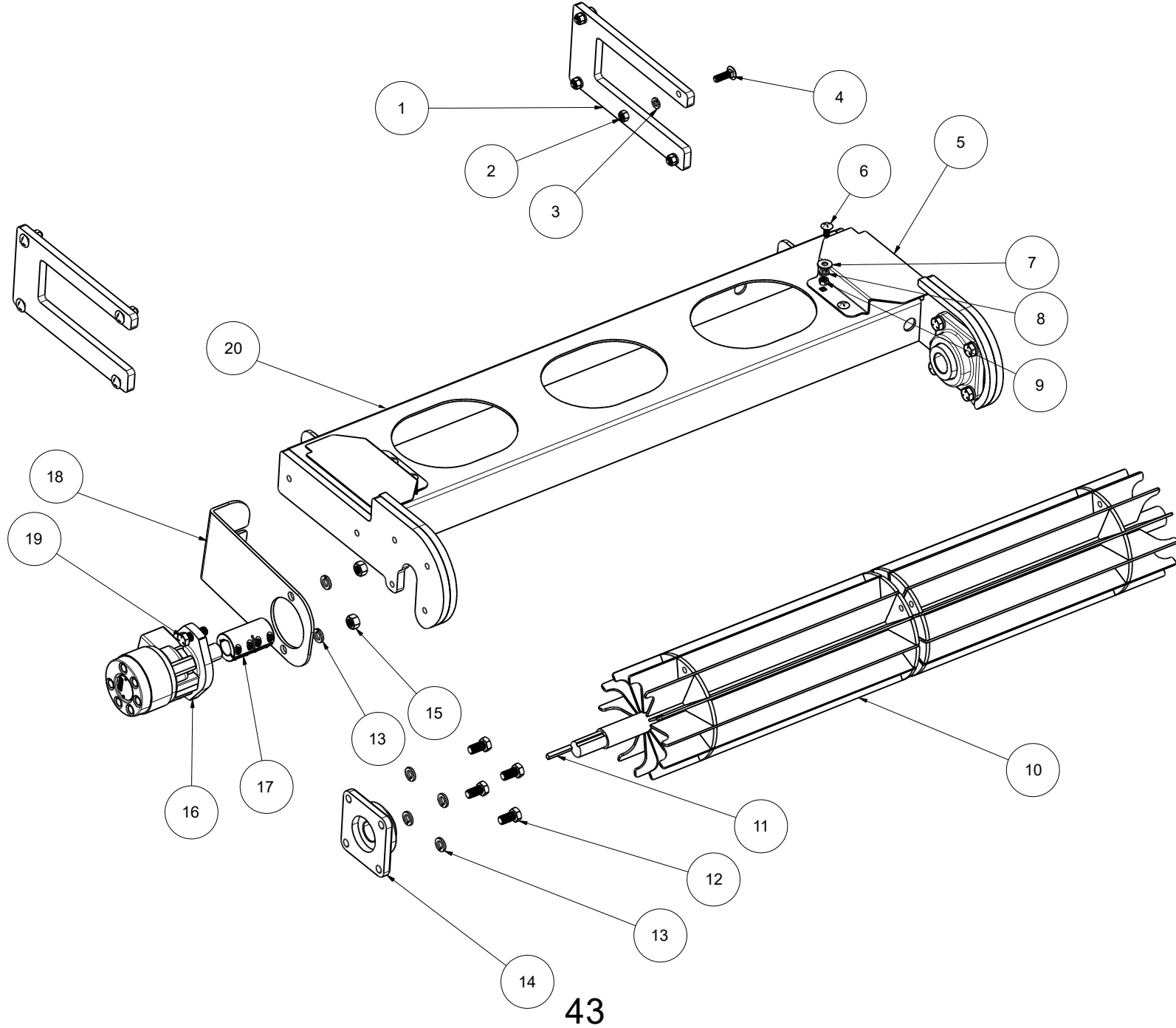
Belt Tensioner

Item#	Part Number	Part Name	Quantity
1	13421046	Slack Adjustor	1
2	SNC12	1/2" Steel Lock Nut	1
3	6831	Threaded Rod Assembly	1
4	H5C12X112	1/2" x 1-1/2" Hex Bolt	1
5	NC12	1/2" Hex Nut	4
6	3744P	Tensioner Bracket	1
7	SNC58	5/8" Steel Lock Nut	5
8	FW58	5/8" Flat Washer	1
9	H5C58X112	5/8" x 1-1/2" Hex Bolt	1
10	H5C58X2	5/8" x 2" Hex Bolt	2
11	PKS14X134	1/4" x 1-1-3/4" Precut Key	1
12	37391	Tensioner Weldment	1
13	3743P	Tensioner Link	2
14	37401	Belt Alignment Weldment	1
15	3745	Camshaft Spacer	1
16	1250P	Shaft Collar, 1/14" ID	1
17	FW12	1/2" Flat Washer	1



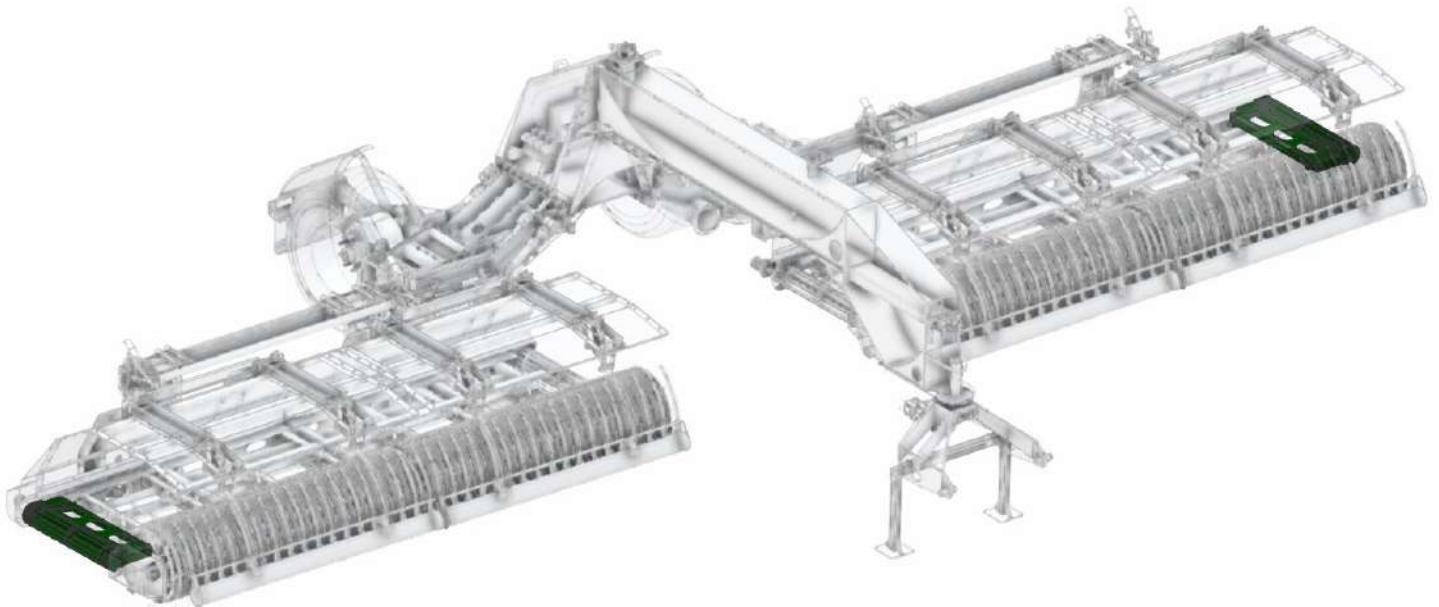
Outer Roller and Slider

(depiction from right header)



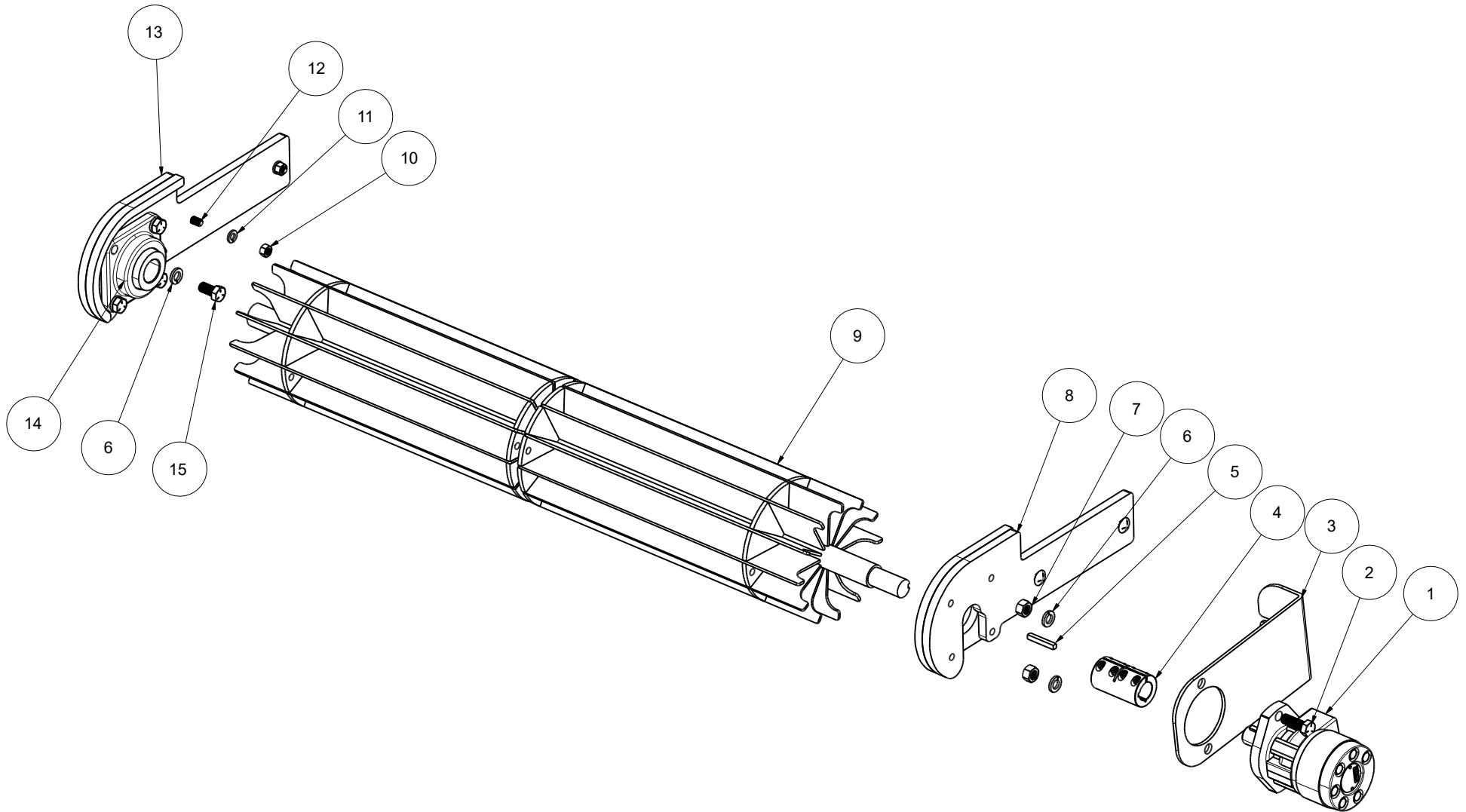
Outer Roller and Slider

Item#	Part Number	Part Name	Quantity
1	3728P	Slider Track	2
2	NC38	3/8" Hex Nut	8
3	LW38	3/8" Lock Washer	8
4	CB38X114	3/8" x 1-1/4" Carriage Bolt	8
5	3729P	Debris Cover	2
6	CB516X34	5/16" x 3/4" Carriage Bolt	4
7	FW516	5/16" Flat Washer	4
8	LW516	5/16" Lock Washer	4
9	NC516	5/16" Hex Nut	4
10	61342	Roller	1
11	PKS14X134	1/4" x 1-3/4" Precut Key	1
12	H5C12X1	1/2" x 1" Hex Bolt	10
13	LW12	1/2" Lock Washer	10
14	20620	1.25" Flange Bearing	2
15	NC12	1/2" Hex Nut	2
16	TE0045AS100AAAA	2.5 CID Parker Hydraulic Motor	1
17	S1C100100BLA	Single Split Clamping Shaft Coupler 1" Bore	1
18	601P	Motor Bracket	1
19	H5C12X112	1/2" x 1-1/2" Hex Bolt	2
20	612142	Roll Slider	1



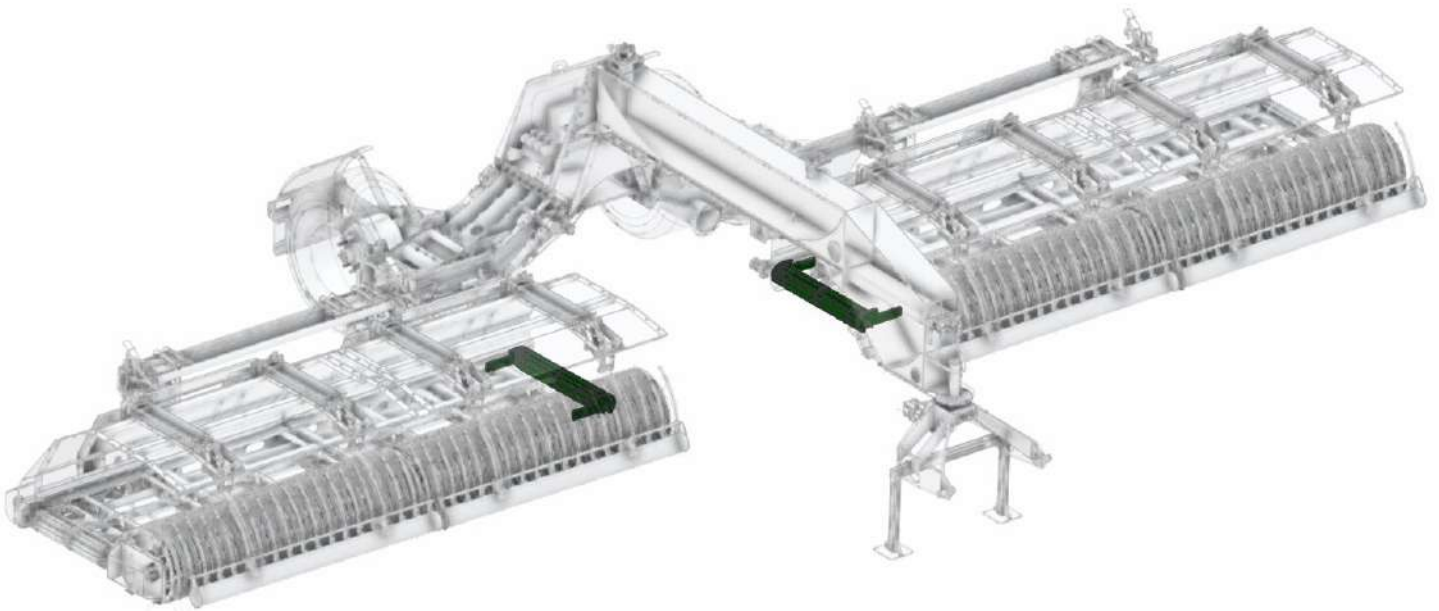
Inner Roller

(depiction from right header)

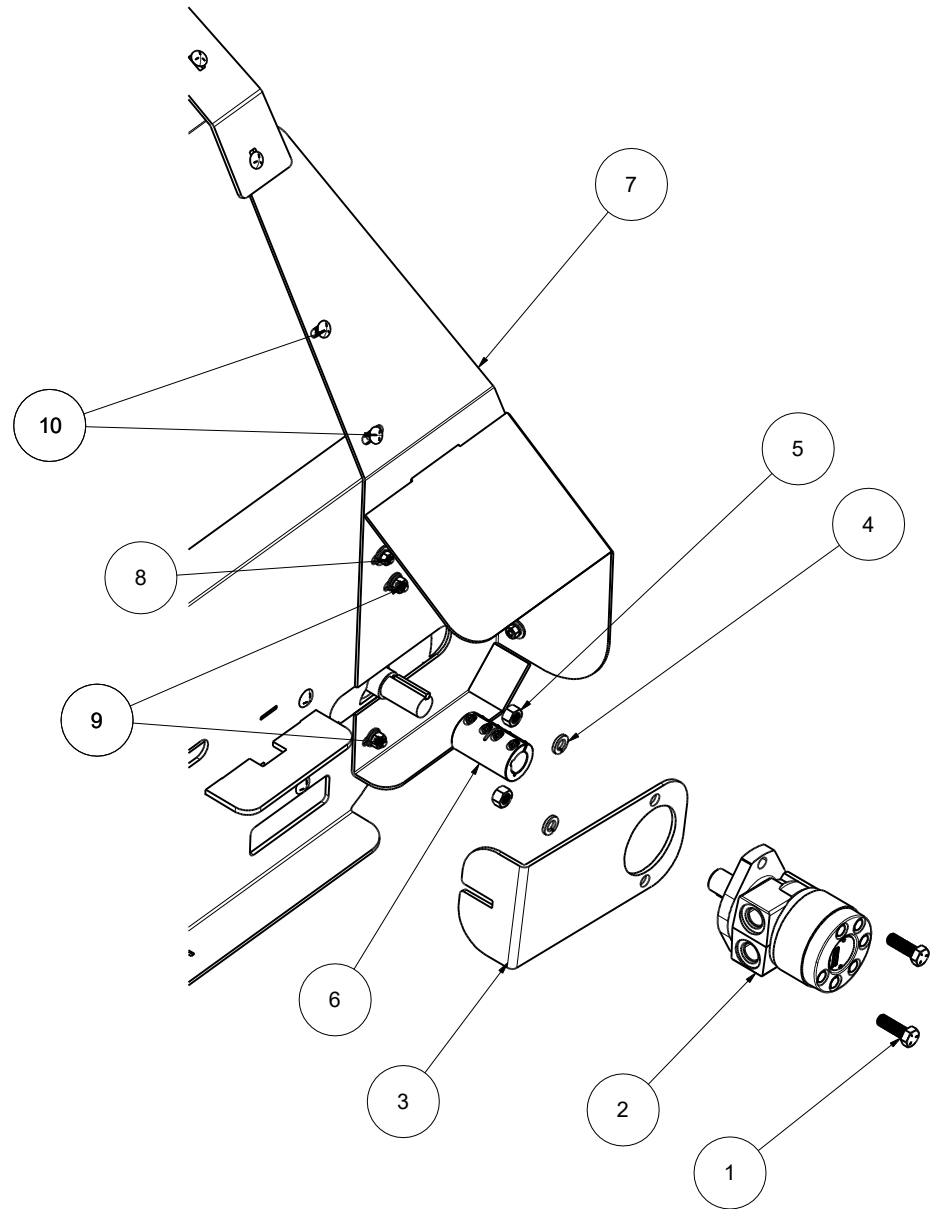
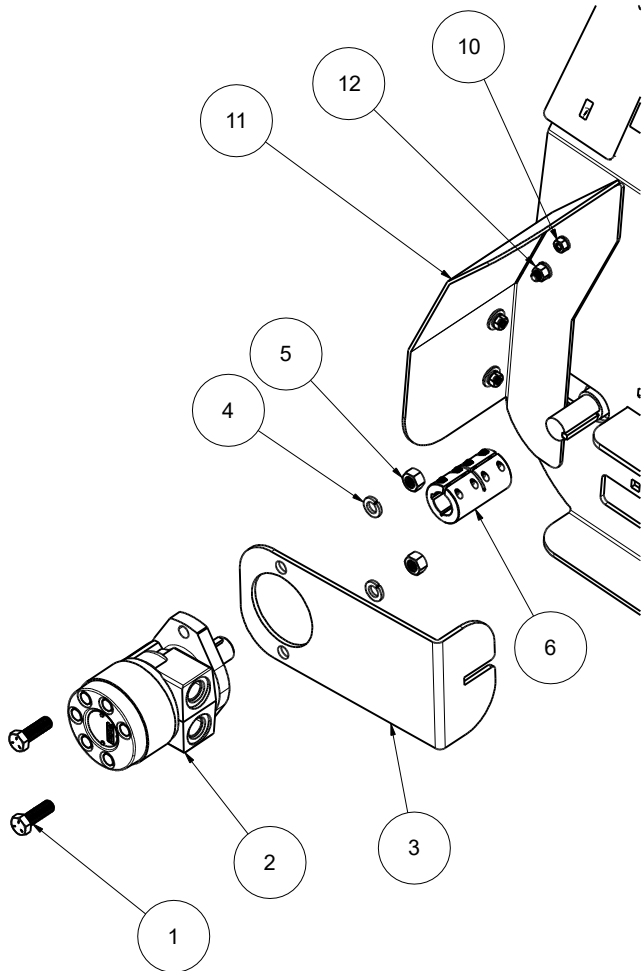


Inner Roller

Item#	Part Number	Part Name	Quantity
1	TE0045AS100AAAA	2.5 CID Parker Hydraulic Motor	1
2	H5C12X112	1/2" x 1-1/2" Hex Bolt	2
3	601P	Motor Bracket	1
4	S1C100100BLA	Single Split Clamping Shaft Coupler 1" Bore	1
5	PKS14X134	1/4" x 1-3/4" Precut Key	1
6	LW12	1/2" Lock Washer	10
7	NC12	1/2" Hex Nut	2
8	6345LH	Roll Bearing Mount, Left Side	1
9	61342	Roller	1
10	NC38	3/8" Hex Nut	4
11	LW38	3/8" Lock Washer	4
12	CB38X114	3/8" x 1-1/4" Carriage Bolt	4
13	6345RH	Roll Bearing Mount, Right Side	1
14	20620	1.25" Flange Bearing	2
15	H5C12X1	1/2" x 1" Hex Bolt	8



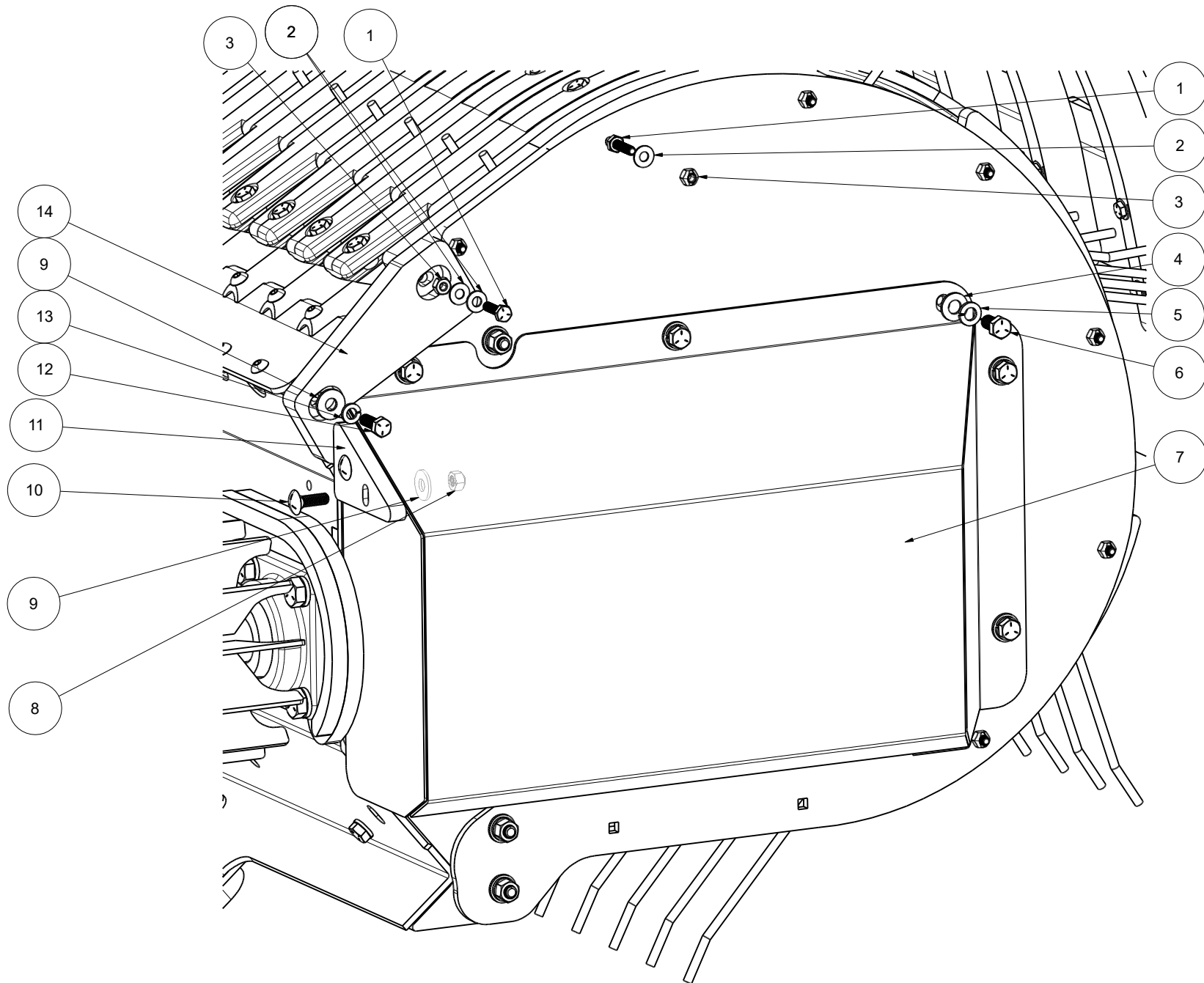
Belt Motors



Belt Motors

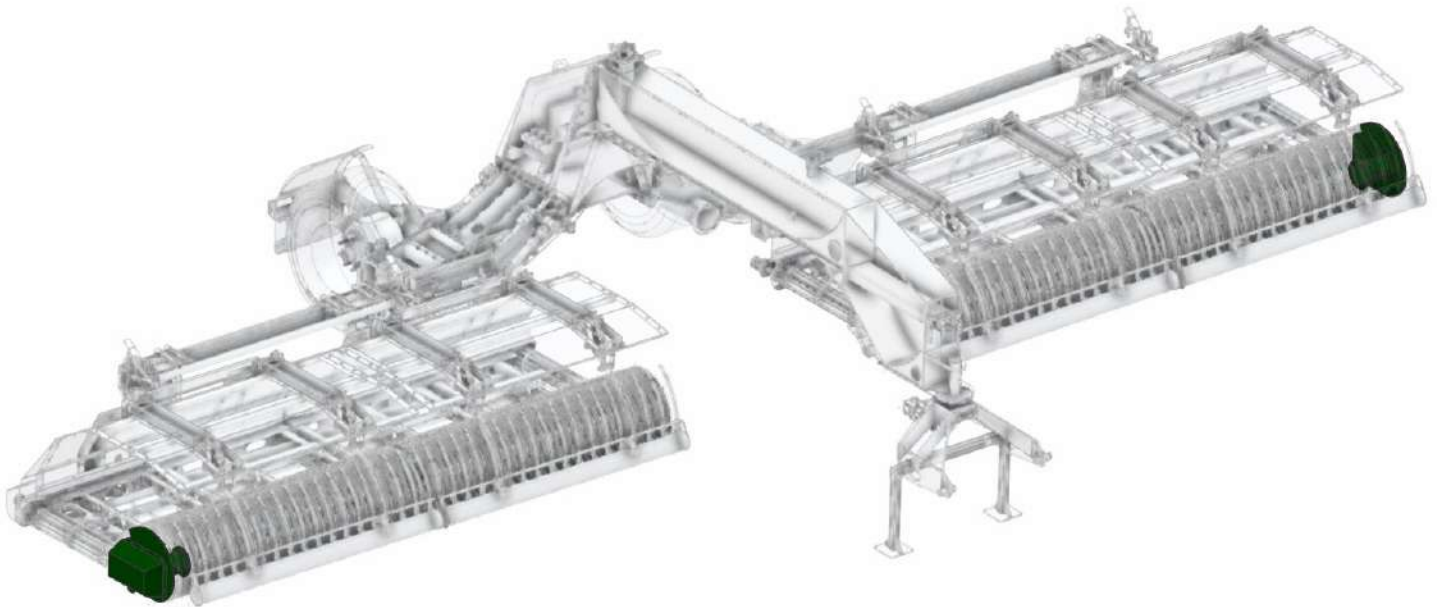
Item#	Part Number	Part Name	Quantity
1	H5C12X112	1/2" x 1-1/2" Hex Bolt	4
2	TE0045AS100AAAA	2.5 CID Parker Hydraulic Motor	2
3	601P	Motor Bracket	2
4	LW12	1/2" Lock Washer	4
5	NC12	1/2" Hex Nut	4
6	S1C100100BLA	1" Clamping Shaft Coupler	2
7	37471RH	End Guard, Right Header	1
	37471LH	End Guard, Left Header	1
8	CB516X1	5/16" x 1" Carriage Bolt	1
	FW516	5/16" Flat Washer	1
	LW516	5/16" Lock Washer	1
	NC516	5/16" Hex Nut	1
9	CB38X1	3/8" x 1" Carriage Bolt	1
	FW38	3/8" Flat Washer	1
	LW38	3/8" Lock Washer	1
	NC38	3/8" Hex Nut	1
10	CB516X34	5/16" x 3/4" Carriage Bolt	1
	LW516	5/16" Lock Washer	1
	NC516	5/16" Hex Nut	1
11	3750RH	Inner Motor Shield, Right Header	1
	3750LH	Inner Motor Shield, Left Header	1
12	CB38X1	3/8" x 1" Carriage Bolt	1
	LW38	3/8" Lock Washer	1
	NC38	3/8" Hex Nut	1

Outer End Pickup Drive Cover



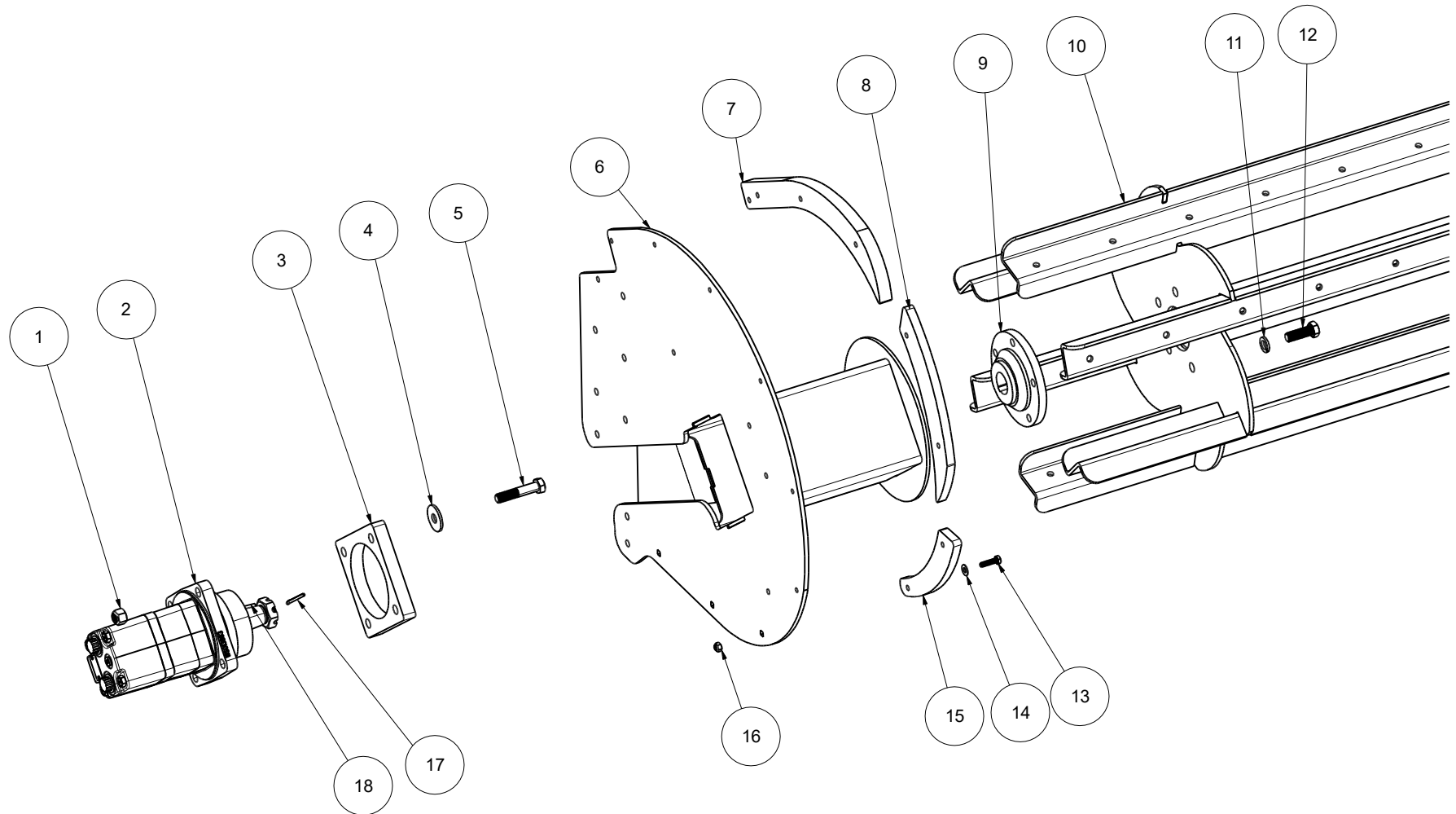
Outer End Pickup Drive Cover

Item#	Part Number	Part Name	Quantity
1	H5C14X1	1/4" x 1" Hex Bolt	9
2	FW14	1/4" Flat Washer	10
3	SNC14	1/4" Steel Lock Nut	9
4	FW38	3/8" Flat Washer	5
5	LW38	3/8" Lock Washer	5
6	H5C38X34	3/8" x 3/4" Hex Bolt	5
7	716RH	Motor Cover, Right Header	1
	716LH	Motor Cover, Left Header	1
8	SNC516	5/16" Steel Lock Nut	2
9	FW516	5/16" Flat Washer	2
10	CB516X1	5/16" x 1" Carriage Bolt	2
11	648	Front Poly Deflector	1
12	H5C516X1	5/16" x 1" Hex Bolt	1
13	LW516	5/16" Lock Washer	1
14	786.23RH	Poly Deflector, Right Header	1



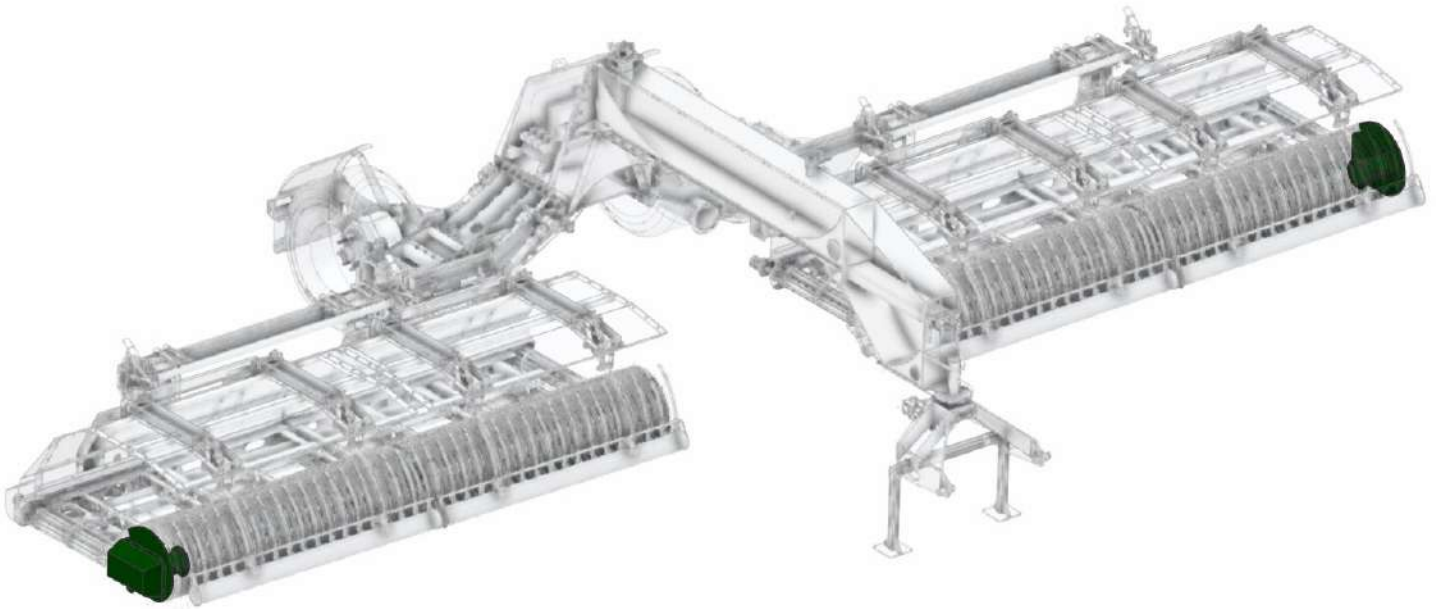
Pickup Drive

(Right Pickup from Right Header Depicted)

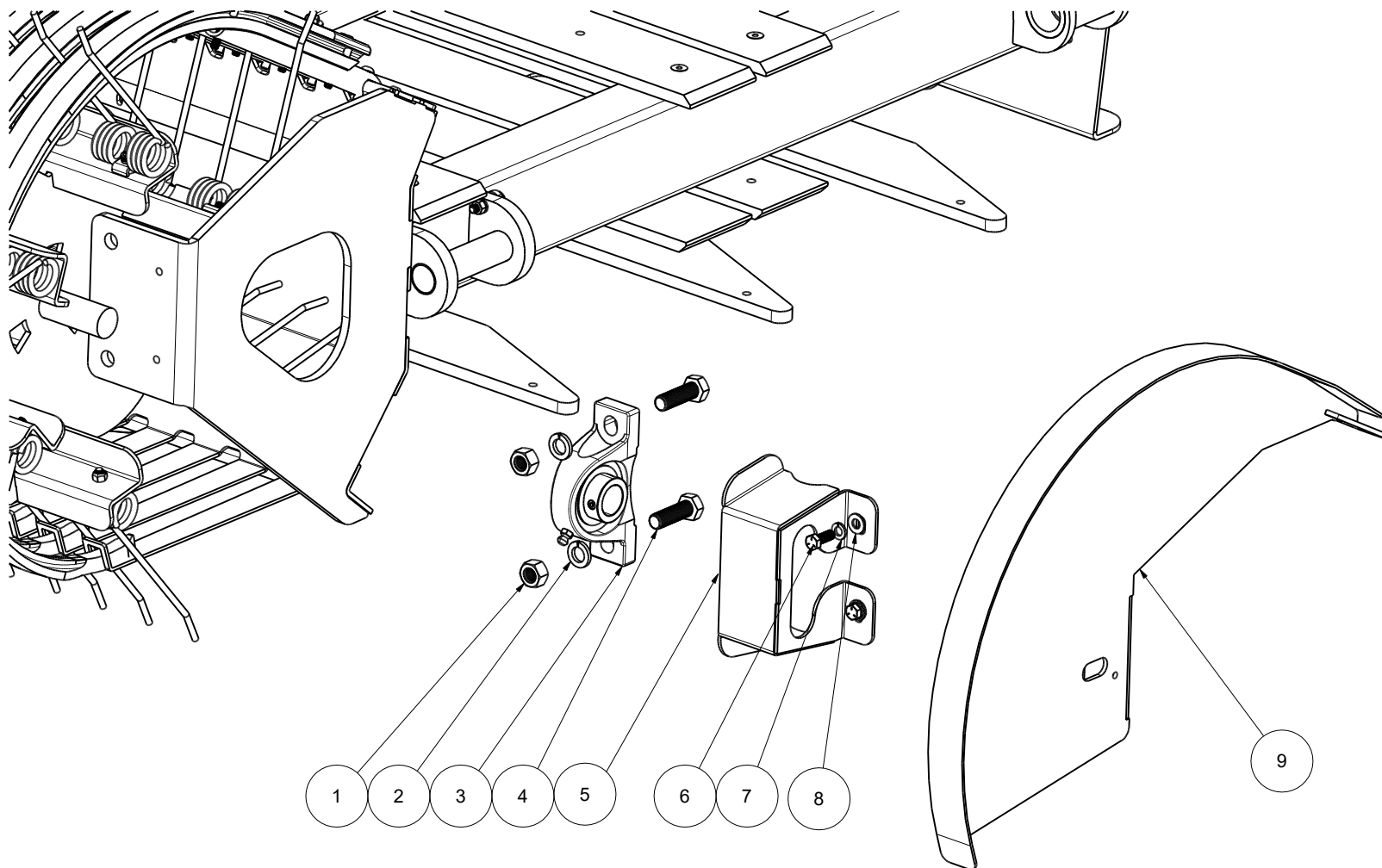


Pickup Drive

Item#	Part Number	Part Name	Quantity
1	SNC12	1/2" Steel Lock Nut	4
2	350250Y2122AAAAA	White Hydraulic Motor, 250CC	1
3	3726	UHMW Motor Plate	1
4	FW12	1/2" Flat Washer	4
5	H5C12X212	1/2" x 2-1/2" Hex Bolt	4
6	37712RH	Drive End Weldment, Right Pickup	1
	37712LH	Drive End Weldment, Left Pickup	1
7	777CRH	Stationary Filler, Top, Right Pickup	1
	777CLH	Stationary Filler, Top, Left Pickup	1
8	777BRH	Stationary Filler, Middle, Right Pickup	1
	777BRH	Stationary Filler, Middle, Left Pickup	1
9	TH1726	Tapered Hub	1
10	3781RH	Reel Weldment, Right Pickup	1
	3781LH	Reel Weldment, Left Pickup	1
11	LW12	1/2" Lock Washer	5
12	H8F12X112	1/2" x 1-1/2" Hex Bolt, Fine Thread, Grade 8	5
13	H5C14X1	1/4" x 1" Hex Bolt	9
14	FW14	1/4" Flat Washer	9
15	777ARH	Stationary Filler, Lower, Right Pickup	1
	777ALH	Stationary Filler, Lower, Left Pickup	1
16	SNC14	1/4" Steel Lock Nut	9
17	CT532X2	5/32" x 2" Cotter Pin	1
18	PKS516X1	5/16" x 1" Precut Key	1

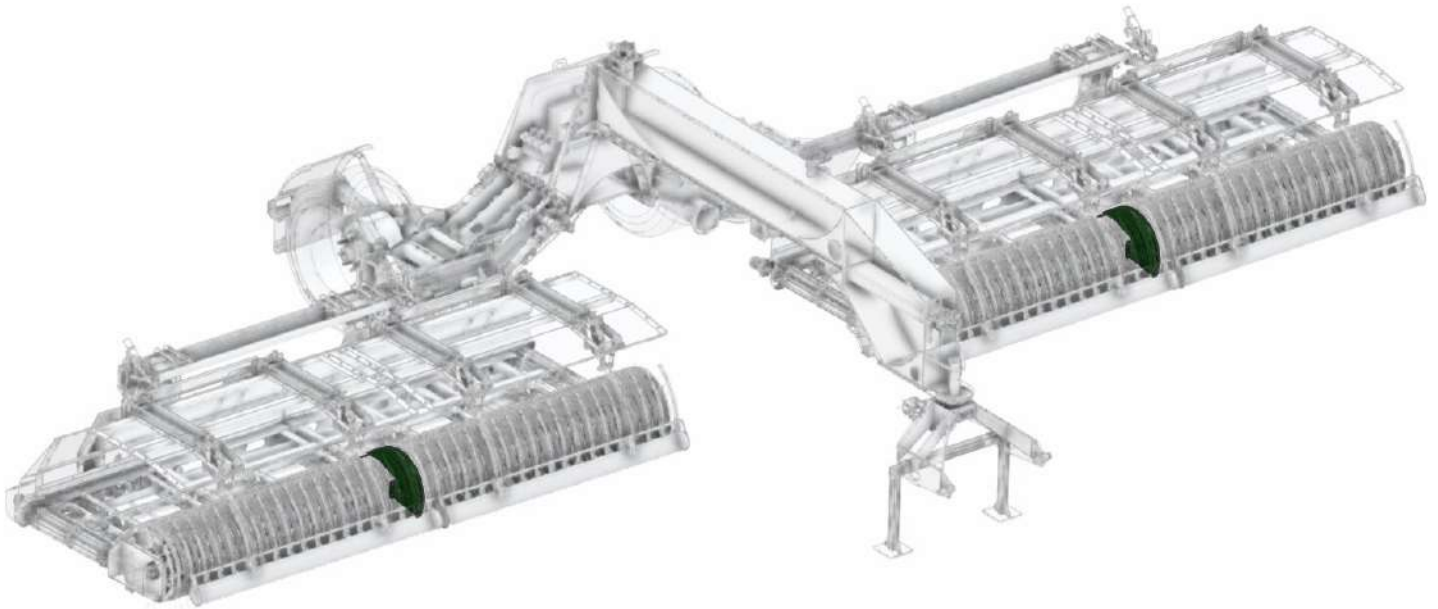


Inner End Pickup Bearing

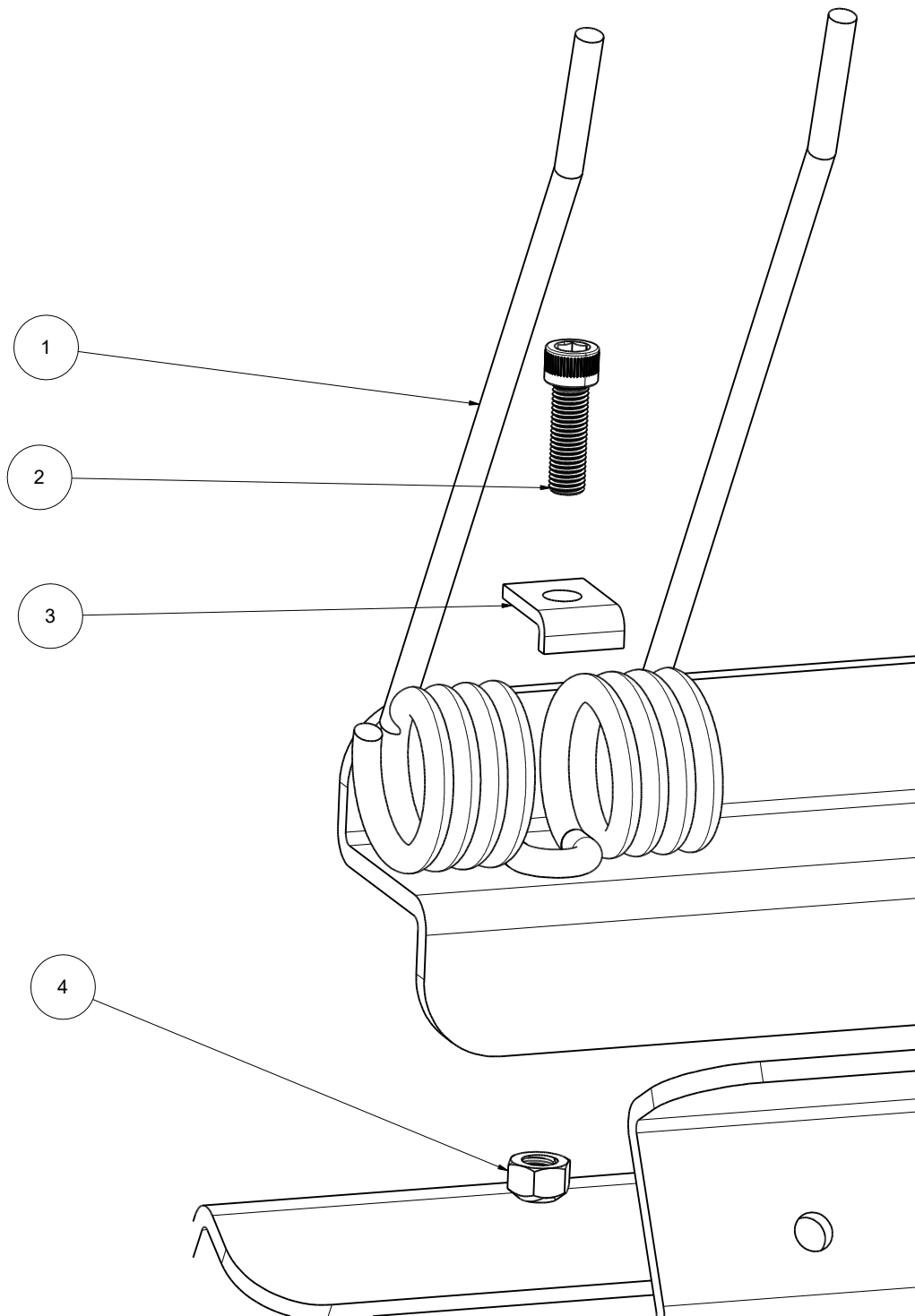


Inner End Pickup Bearing

Item#	Part Number	Part Name	Quantity
1	NC58	5/8" Hex Bolt	2
2	LW58	5/8" Lock Washer	2
3	NAP20720	1-1/4" Pillow Block Bearing	1
4	H5C58X2	5/8" x 2" Hex Bolt	2
5	37711	Bearing Guard	1
6	H5C38X1	3/8" x 1" Hex Bolt	2
7	LW38	3/8" Lock Washer	2
8	FW38	3/8" Flat Washer	2
9	37521	Outer Shield Weldment, Right Pickup	1
	37522	Inner Shield Weldment, Left Pickup	1



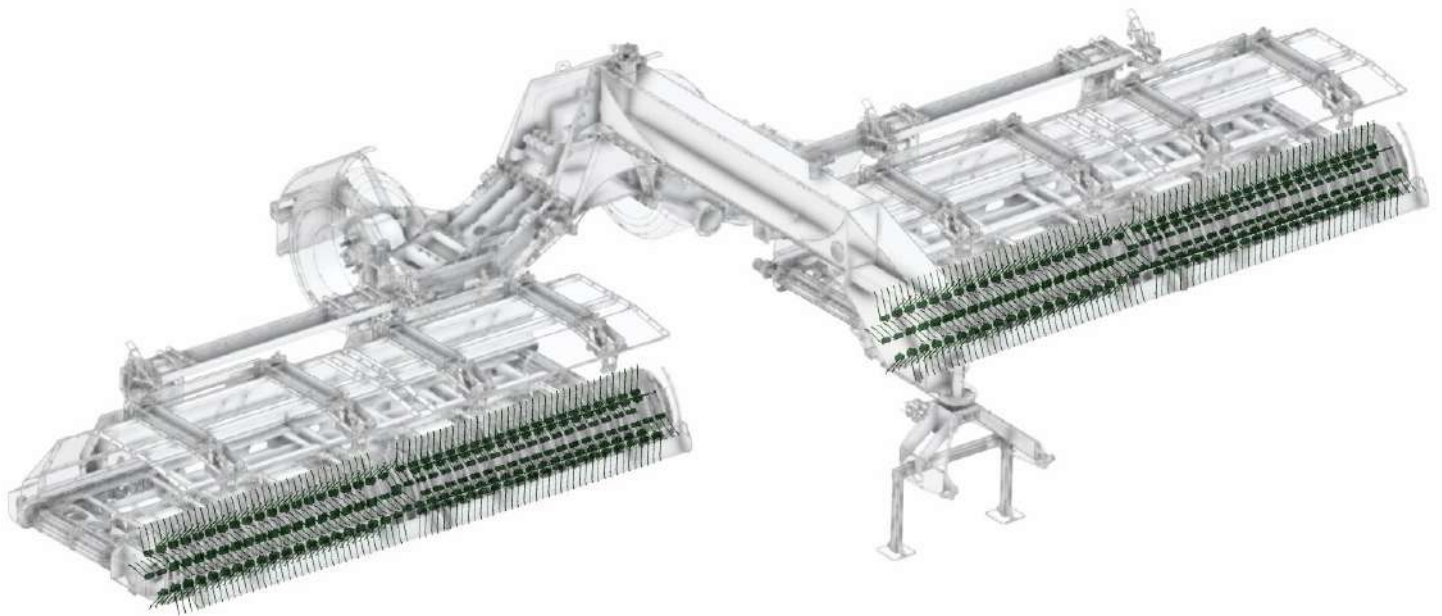
Pickup Teeth



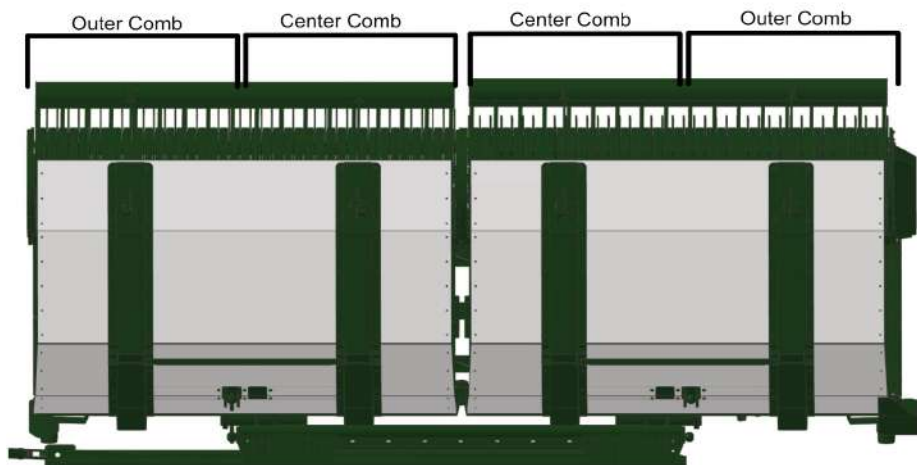
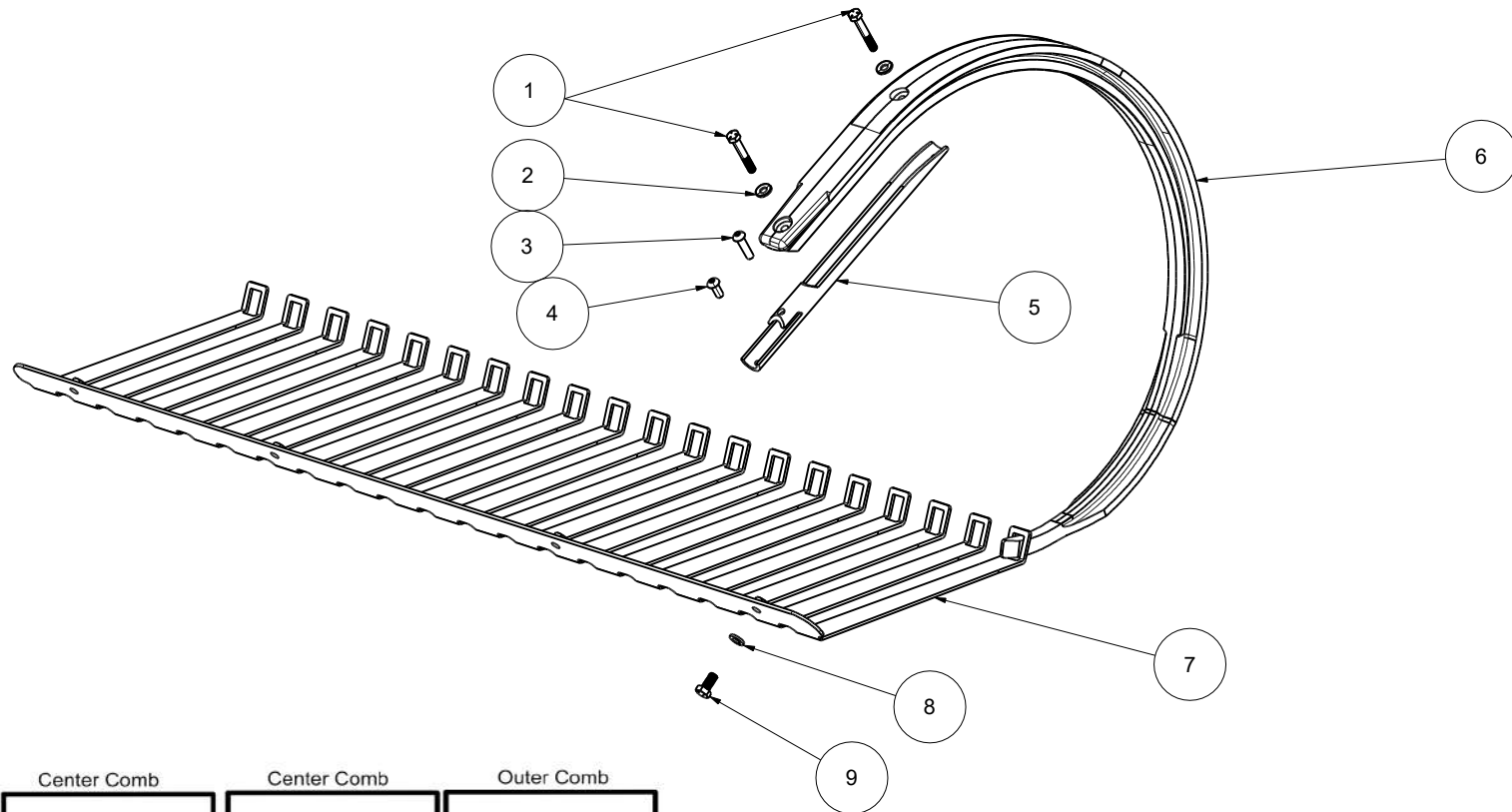
Pickup Teeth

Item#	Part Number	Part Name	Quantity
1	K008X250	Pickup Tine, Swept Back	120
2	SCC516X1Z	5/16" x 1" Socket Head Bolt	120
3	FW790	Tine Retaining Tab	120
4	SNC516	5/16" Steel Lock Nut	120

Quantities per Pickup.

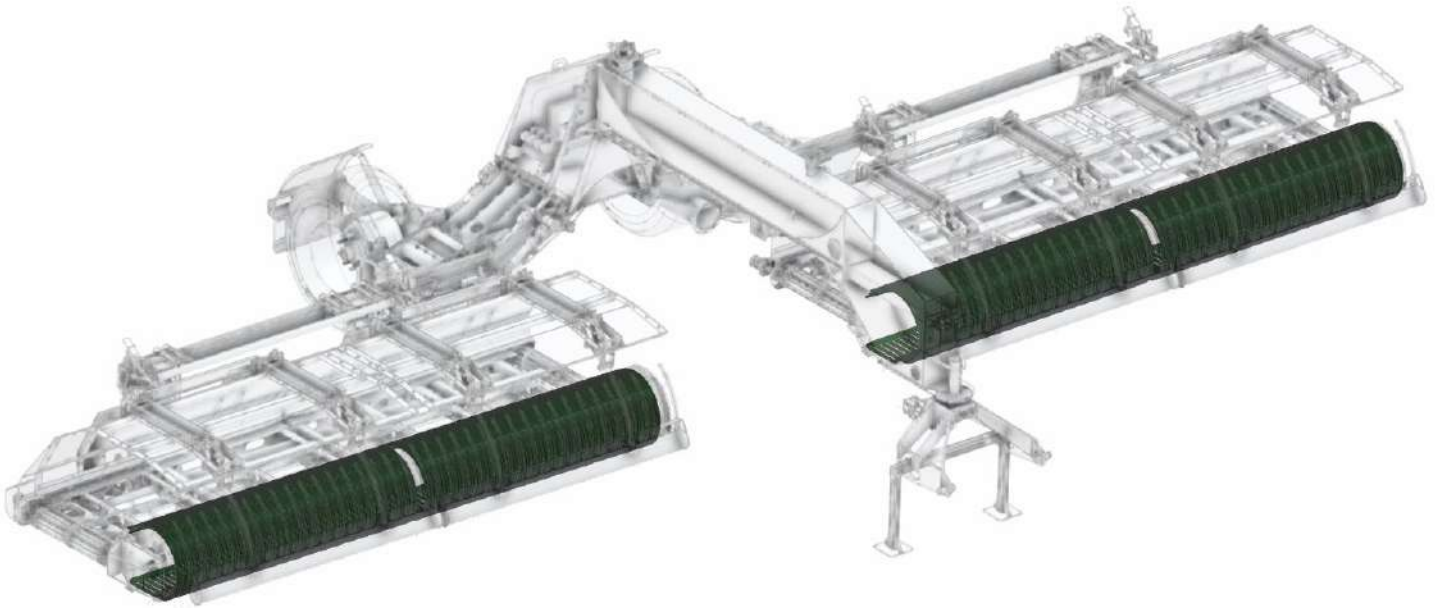


Pickup Bands and Combs

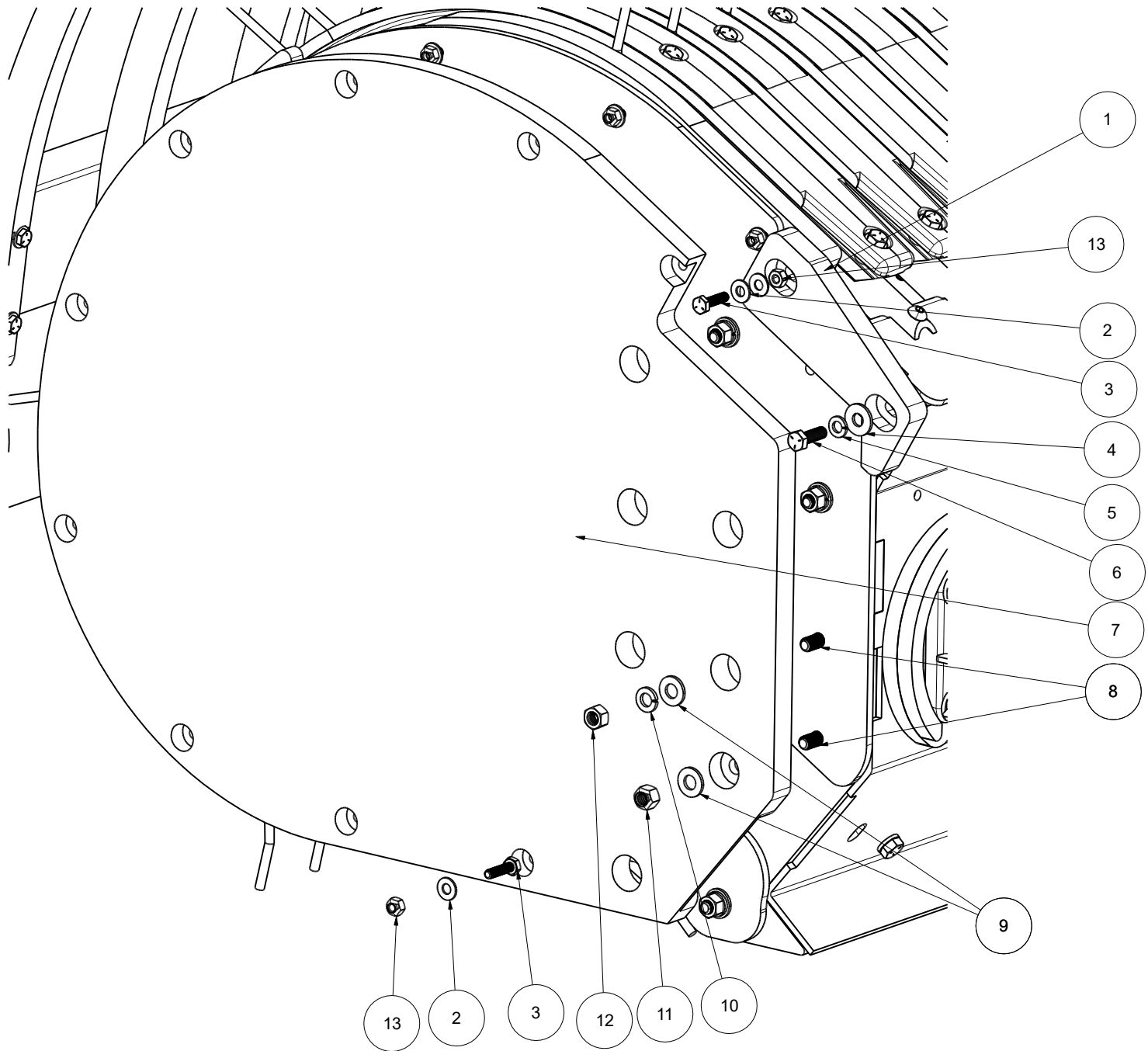


Pickup Bands and Combs

Item#	Part Number	Part Name	Quantities per pickup
1	H5C516X2	5/16" x 2" Hex Bolt	78
2	FW516BV	5/16" Belleville Washer	78
3	94072	5/16" x 1-1/4" Button Head Allen Bolt	39
4	94071	5/16" x 1" Button Head Allen Bolt	39
5	715A	Round Band Tube	39
6	7605	Pickup Band	39
7	1508P	Outer Comb	1
	1509P	Center Comb	1
8	LW38	3/8" Lock Washer	8
9	H5C38X34	3/4" Lock Washer	8

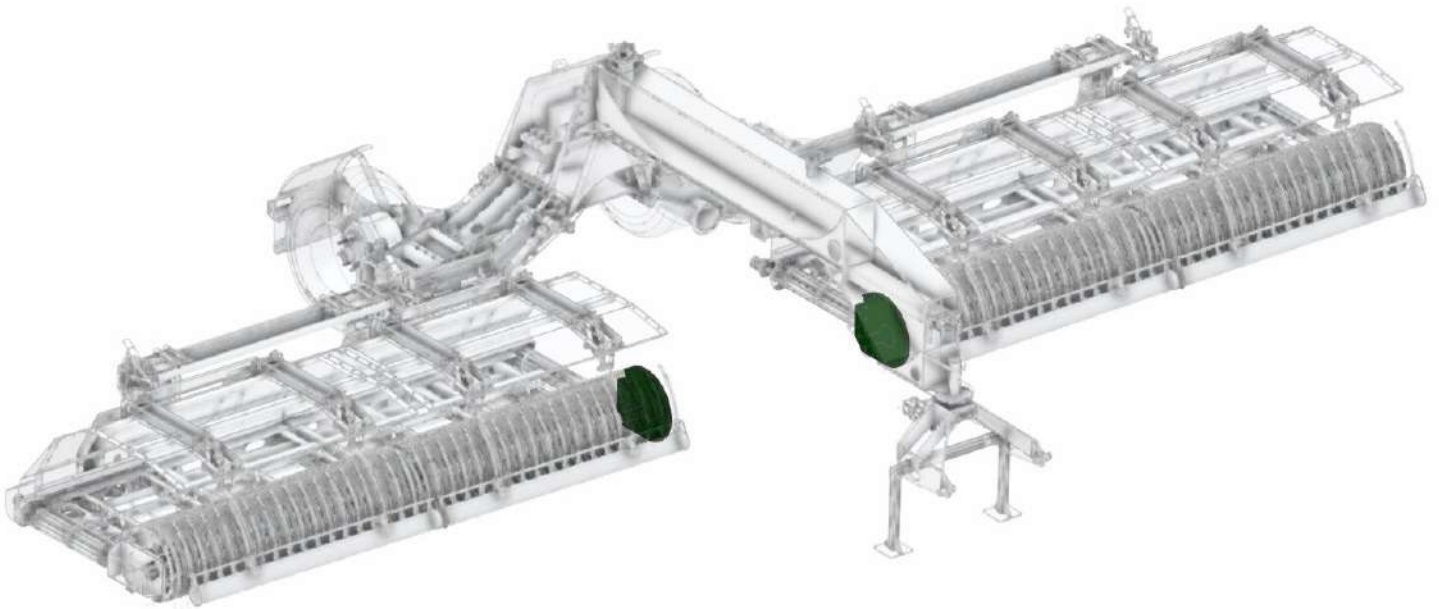


Inner End Pickup Drive Cover

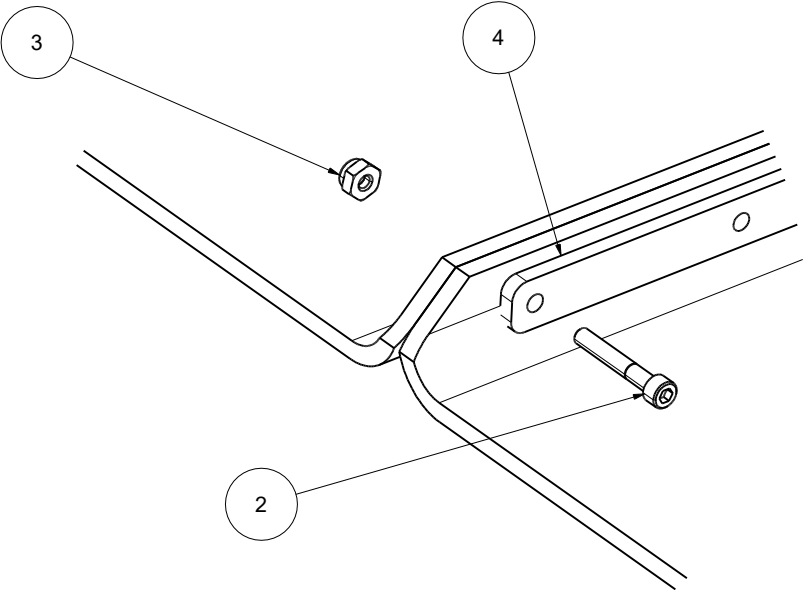
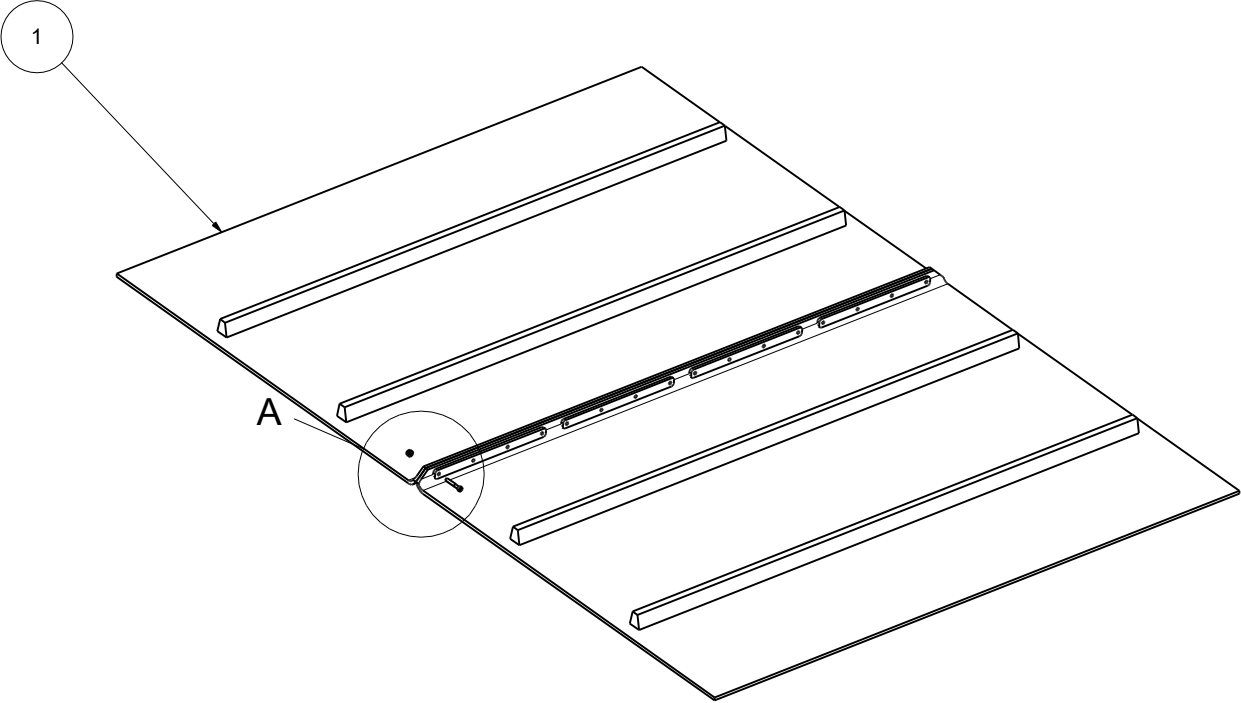


Inner End Pickup Drive Cover

Item#	Part Number	Part Name	Quantity
1	786.23LH	Poly Deflector, Left Pickup	1
2	71239	5/16" Belleville Washer	16
3	H5C14X114	1/4" x 1-1/4" Hex Bolt	10
4	FW516	5/16" Flat Washer	1
5	LW516	5/16" Lock Washer	1
6	H5C516X1	5/16" x 1" Hex Bolt	1
7	3737RH	Inner End Cover, Right Header	1
	3737LH	Inner End Cover, Left Header	1
8	CB38X114	3/8" x 1-1/4" Carriage Bolt	8
9	FW38	3/8" Flat Washer	8
10	LW38	3/8" Lock Washer	9
11	SNC38	3/8" Steel Lock Nut	1
12	NC38	3/8" Hex Nut	1
13	SNC14	1/4" Steel Lock Nut	10



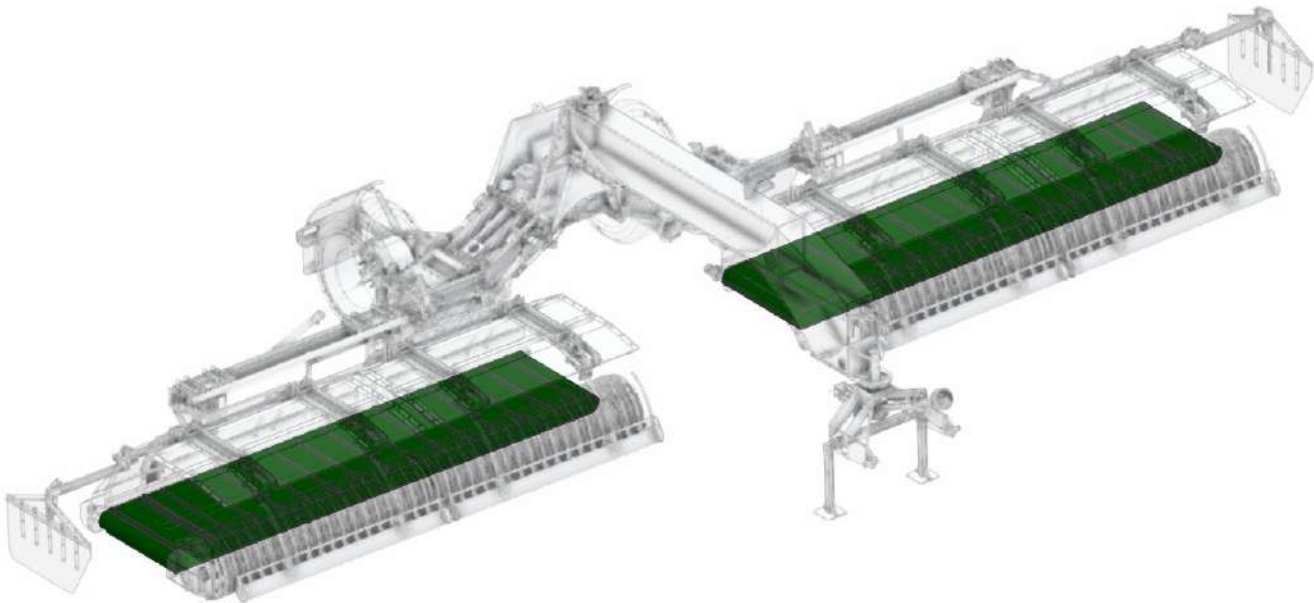
Conveyor Belt



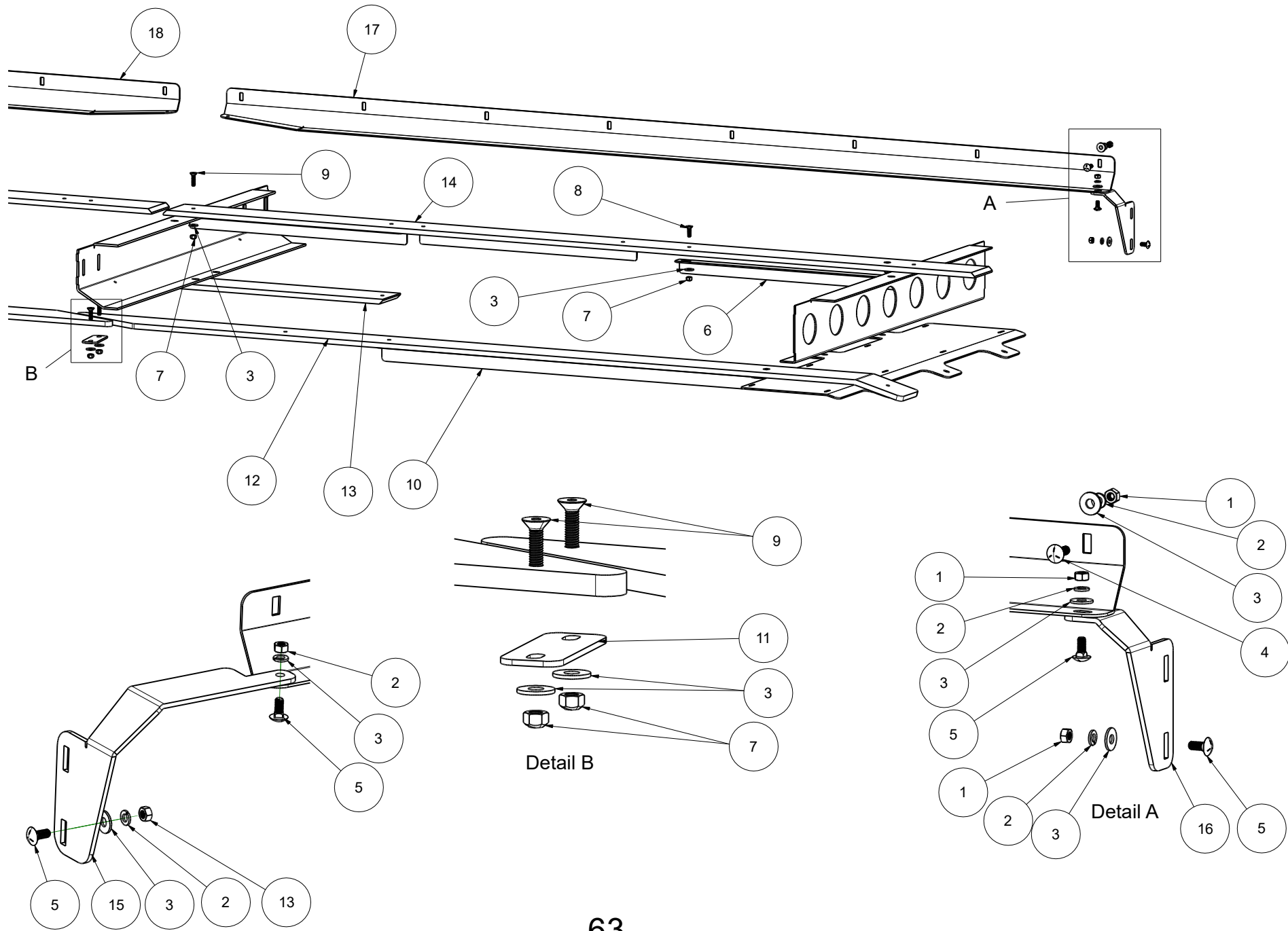
Detail A

Conveyor Belt

Item#	Part Number	Part Name	Quantity
1	61042	3240 Conveyor Belt	1
2	SCC1032X114	10-32 X 1-1/4" Socket Head Bolt	16
3	NNF1032	10-32 Nylon Lock Nut	16
4	609P	Belt Lacer Segment	8

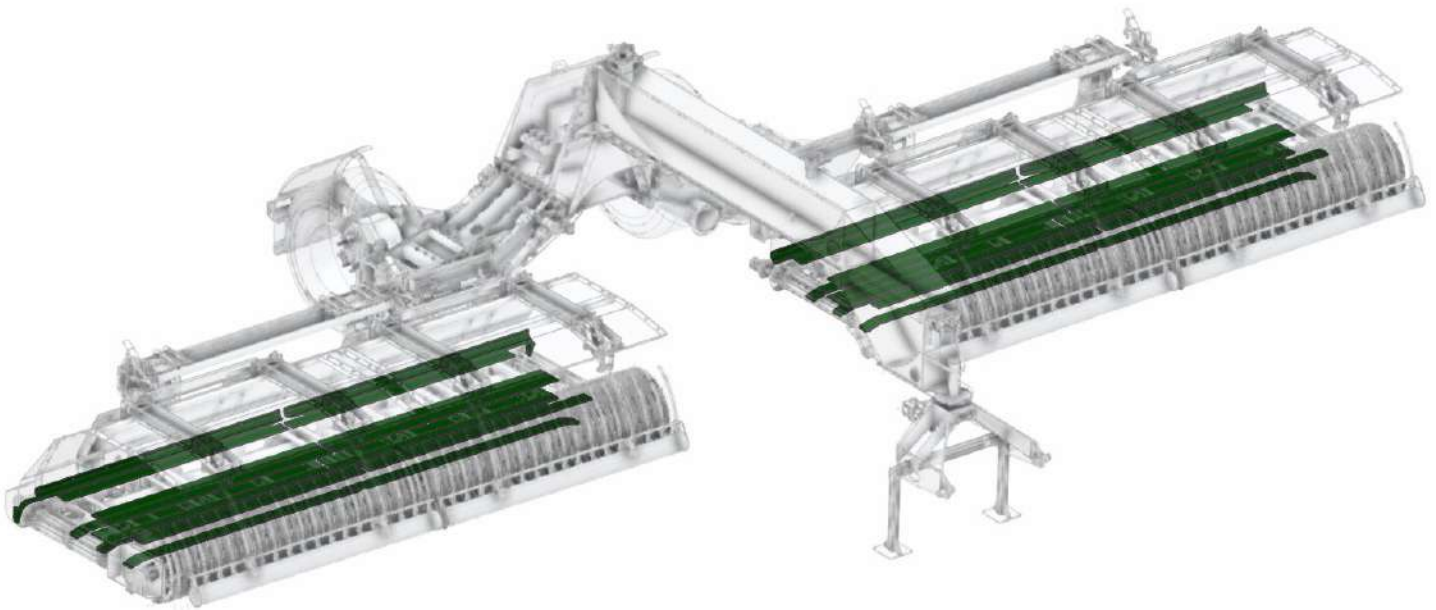


Belt Slides and Covers

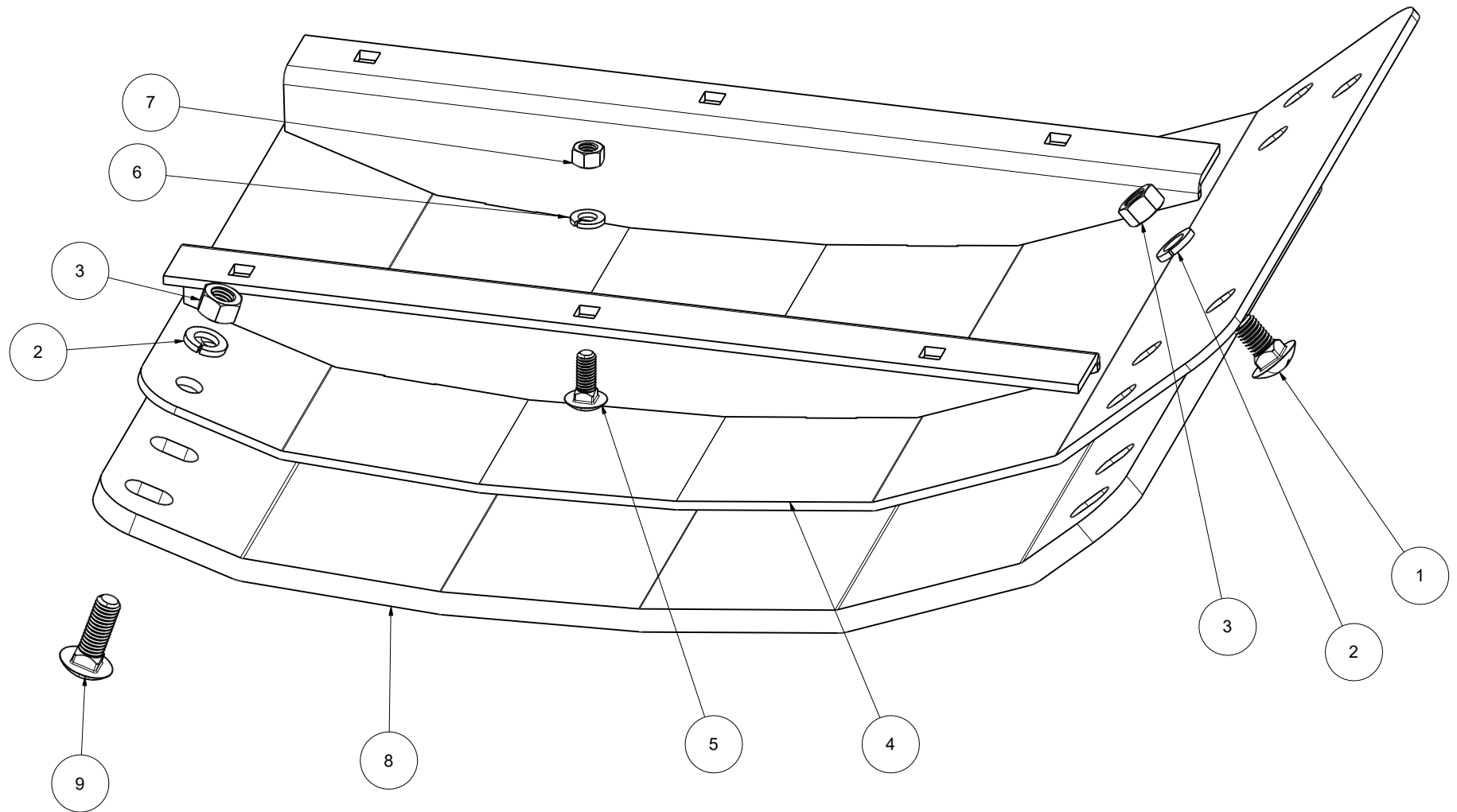


Belt Slides and Covers

Item#	Part Number	Part Name	Quantity
1	NC516	5/16" Hex Nut	16
2	LW516	5/16" Lock Washer	16
3	FW516	5/16" Flat Washer	66
4	CB516X1	5/16" x 1" Carriage Bolt	16
5	CB516X34	5/16" x 3/4" Carriage Bolt	6
6	3856P	Upper Slide Support	6
7	SNC516	5/16" Steel Lock Nut	74
8	SFC516X1	5/16" x 1" Countersunk Allen Bolt	74
9	SFC516X114	5/16" x 1-1/4" Countersunk Allen Bolt	6
10	3855P	Lower Slide Support	3
11	3832P	Belt Slide Strap	3
12	3831	UHMW Belt Slide, Bottom	6
13	3857B	Tracking Strip	2
14	3830	UHMW Belt Slide, Top and Middle	16
15	3846RH	Outer End Belt Shield, Right Header	1
	3846LH	Outer End Belt Shield, Left Header	1
16	3847RH	Inner End Belt Shield, Right Header	1
	3847LH	Inner End Belt Shield, Left Header	1
17	3811LH	Rear Belt Cover, Left Pickup	1
18	3811RH	Rear Belt Cover, Right Pickup	1

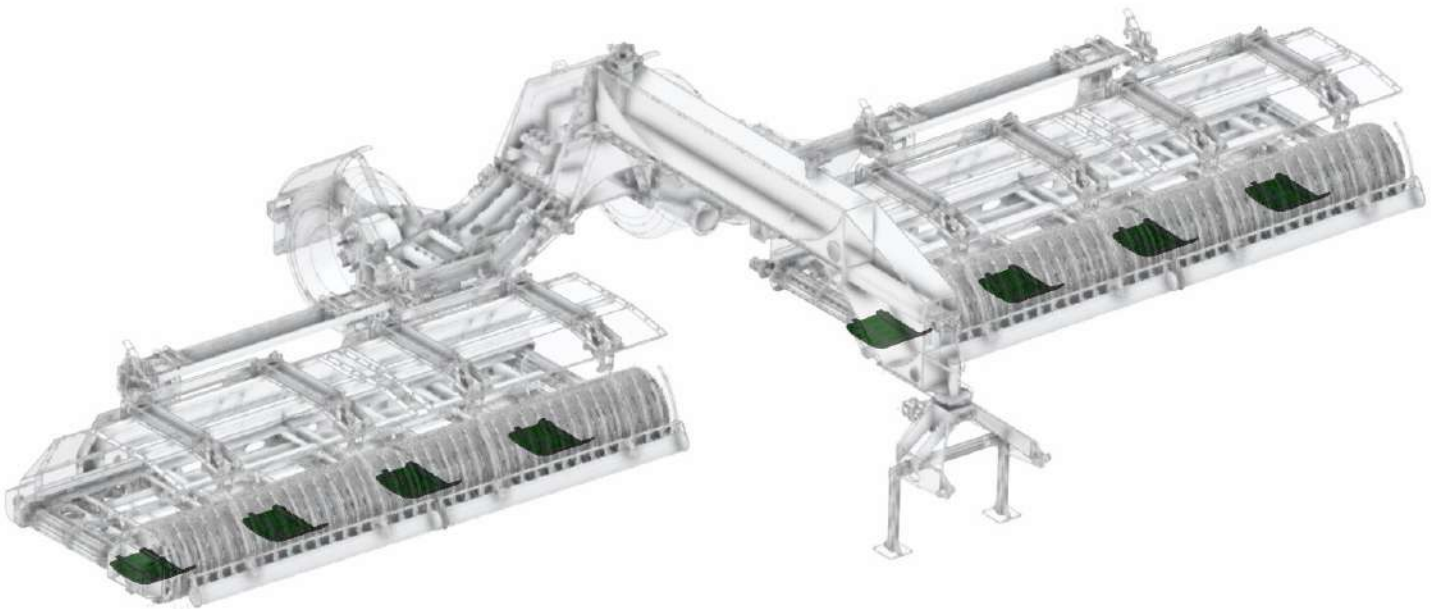


Skid Plate

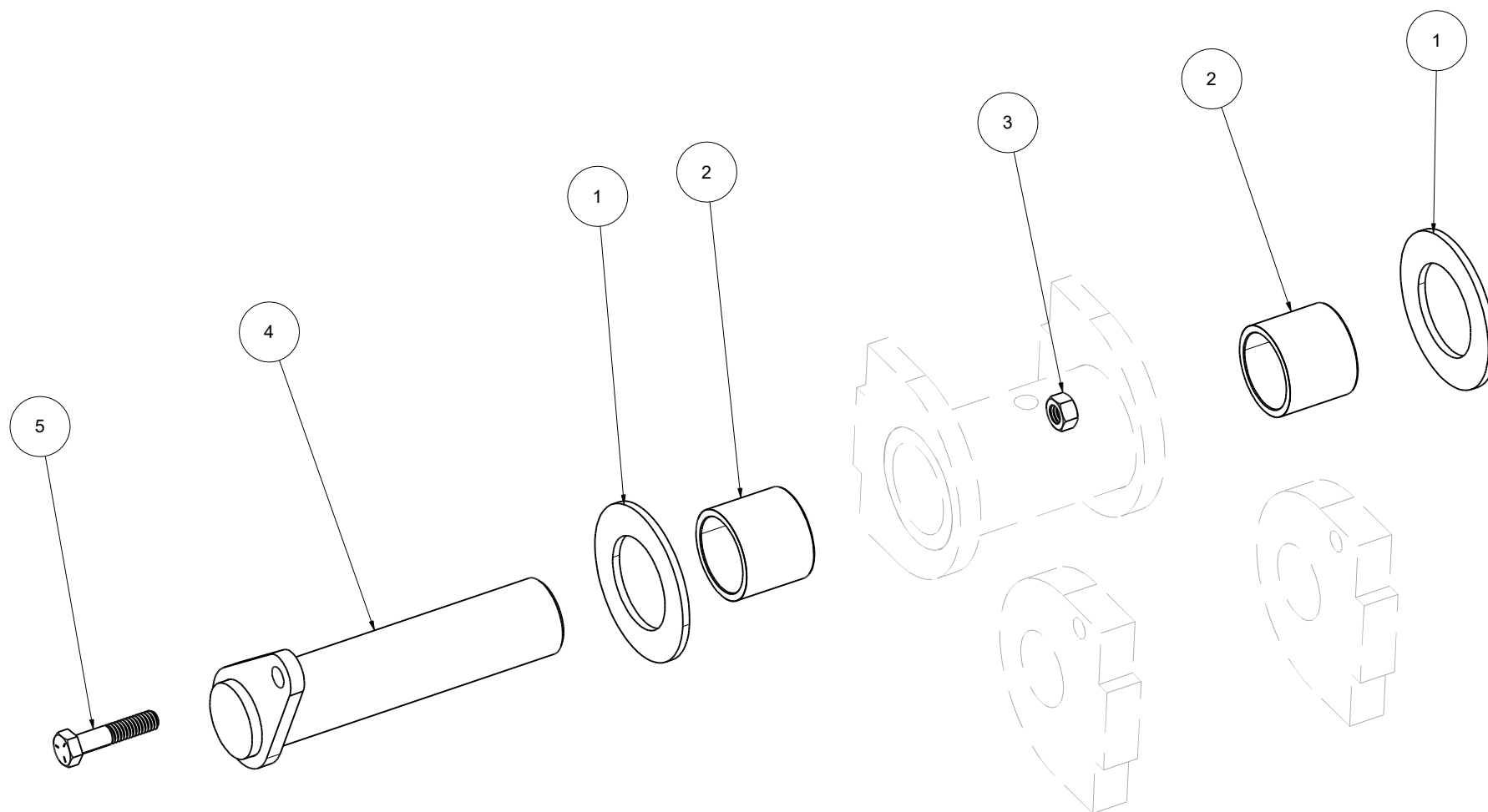


Skid Plate

Item#	Part Number	Part Name	Quantity
1	CB12X1	1/2" x 1" Carriage Bolt	2
2	LW12	1/2" Lock Washer	10
3	NC12	1/2" Hex Nut	10
4	37301	Skid Frame	1
5	CB38X1	3/8" x 1" Carriage Bolt	6
6	LW38	3/8" Lock Washer	6
7	NC38	3/8" Hex Nut	6
8	3735	1/2" UHMW Wear Plate	1
9	CB12X112	1/2" x 1-1/2" Carriage Bolt	8

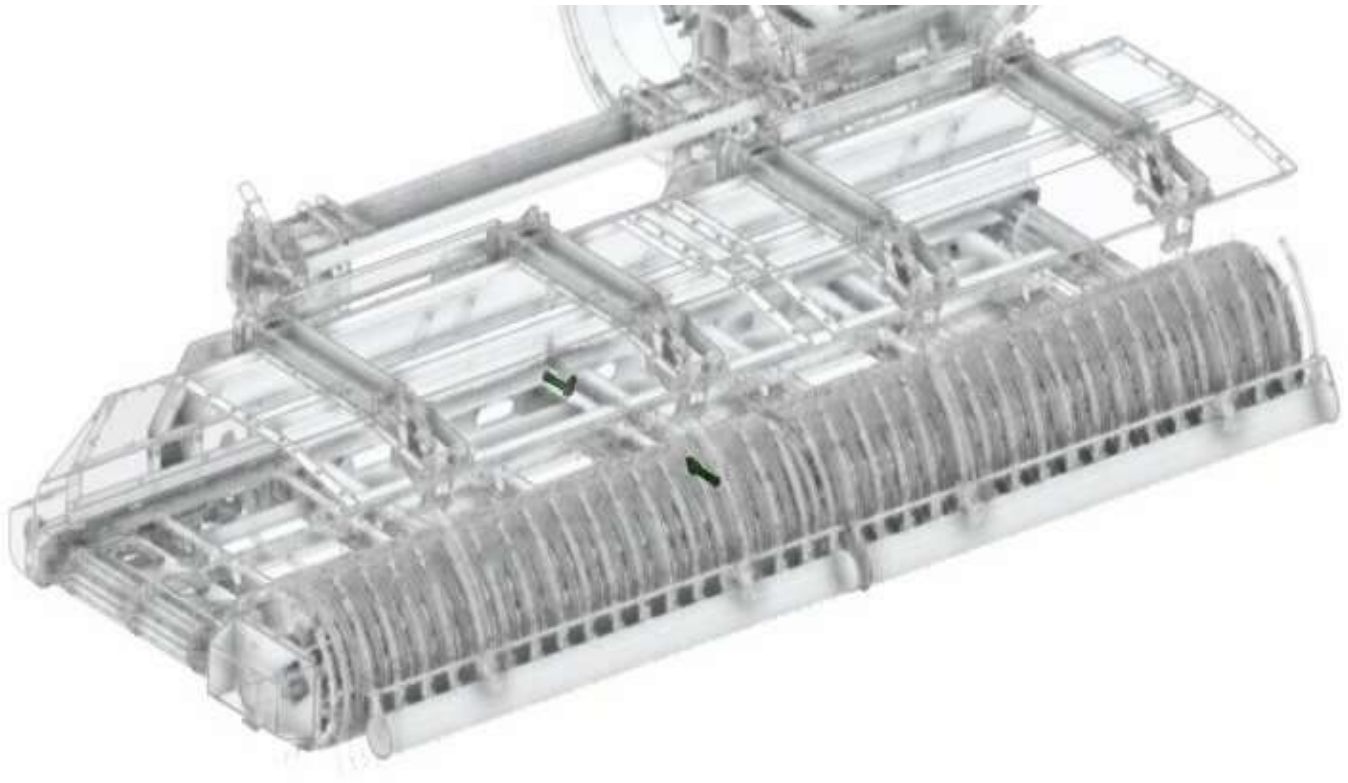


Header Flex Pivot Pin

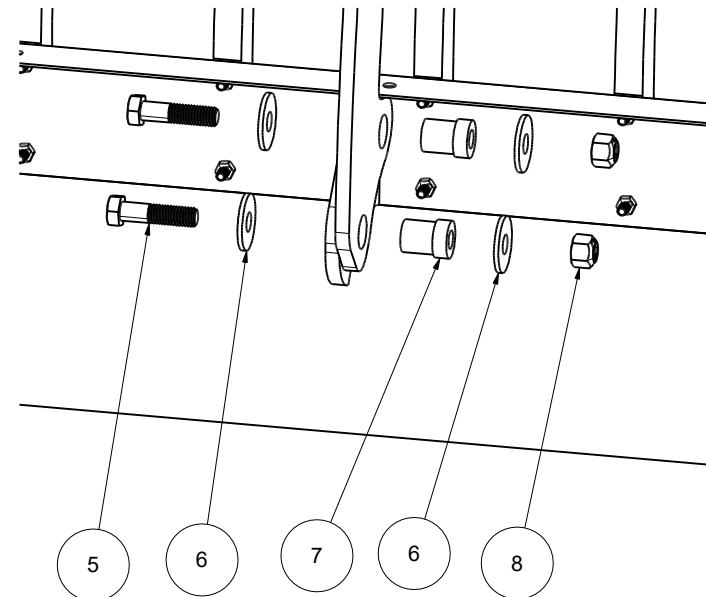
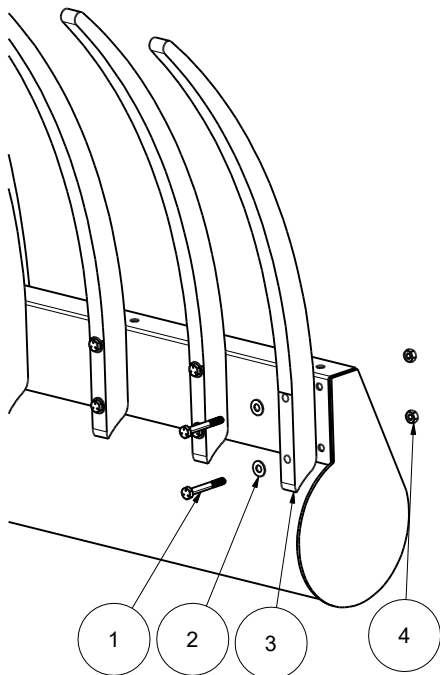
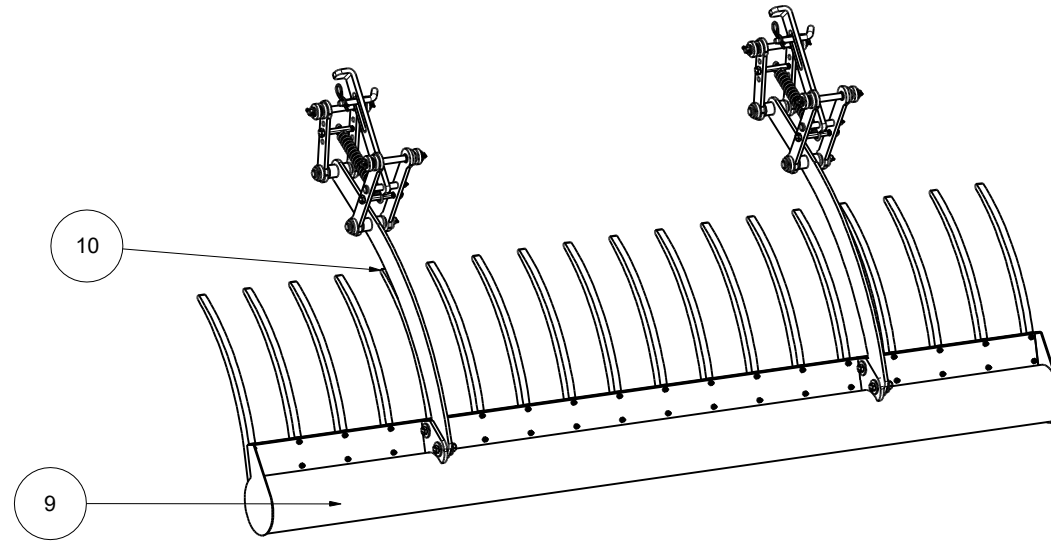


Pivot Pin

Item#	Part Number	Part Name	Quantity
1	MTI-24	Thrust Washer, 1.5" ID x 2.6" OD x .125" thickness	4
2	Q2SI-2024-20	Plain Sleeve Bearing, 1.25" ID x 1.5"OD x 1.25" Length	4
3	SNC516	5/16" Steel Lock Nut	2
4	3827	Pickup Pivot Pin	2
5	H5C516X112	5/16" x 1-1/2" Hex Bolt	2

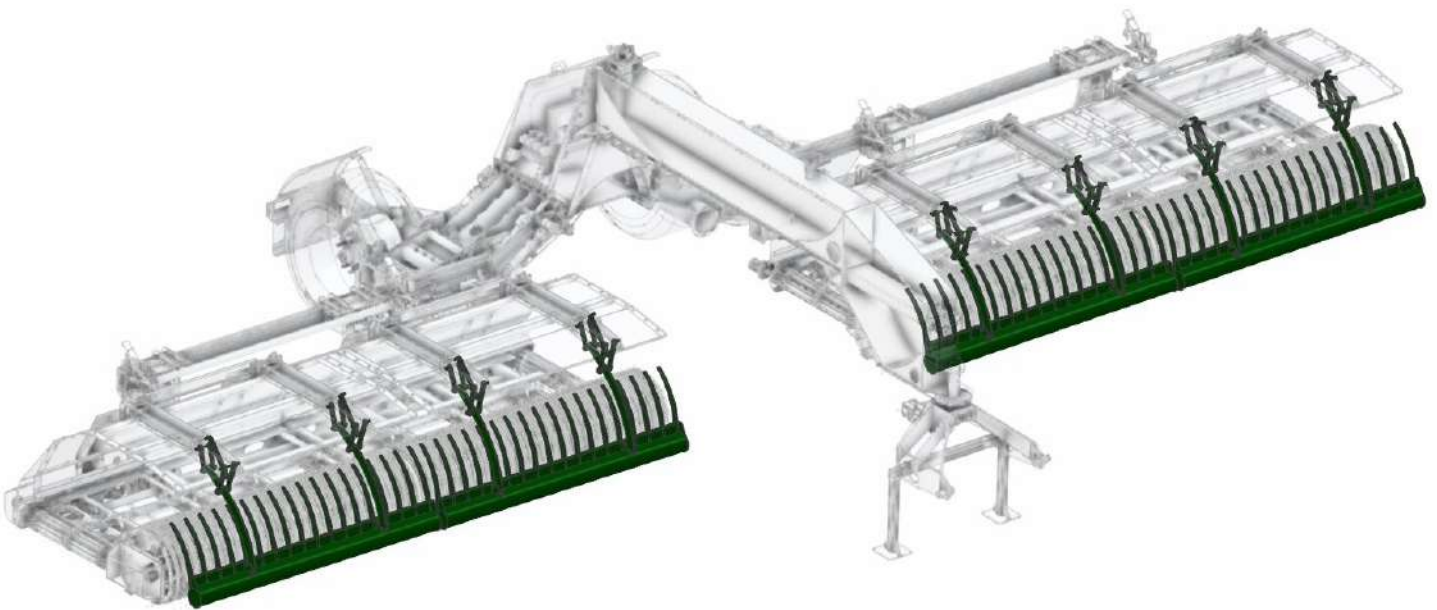


Crop Guard

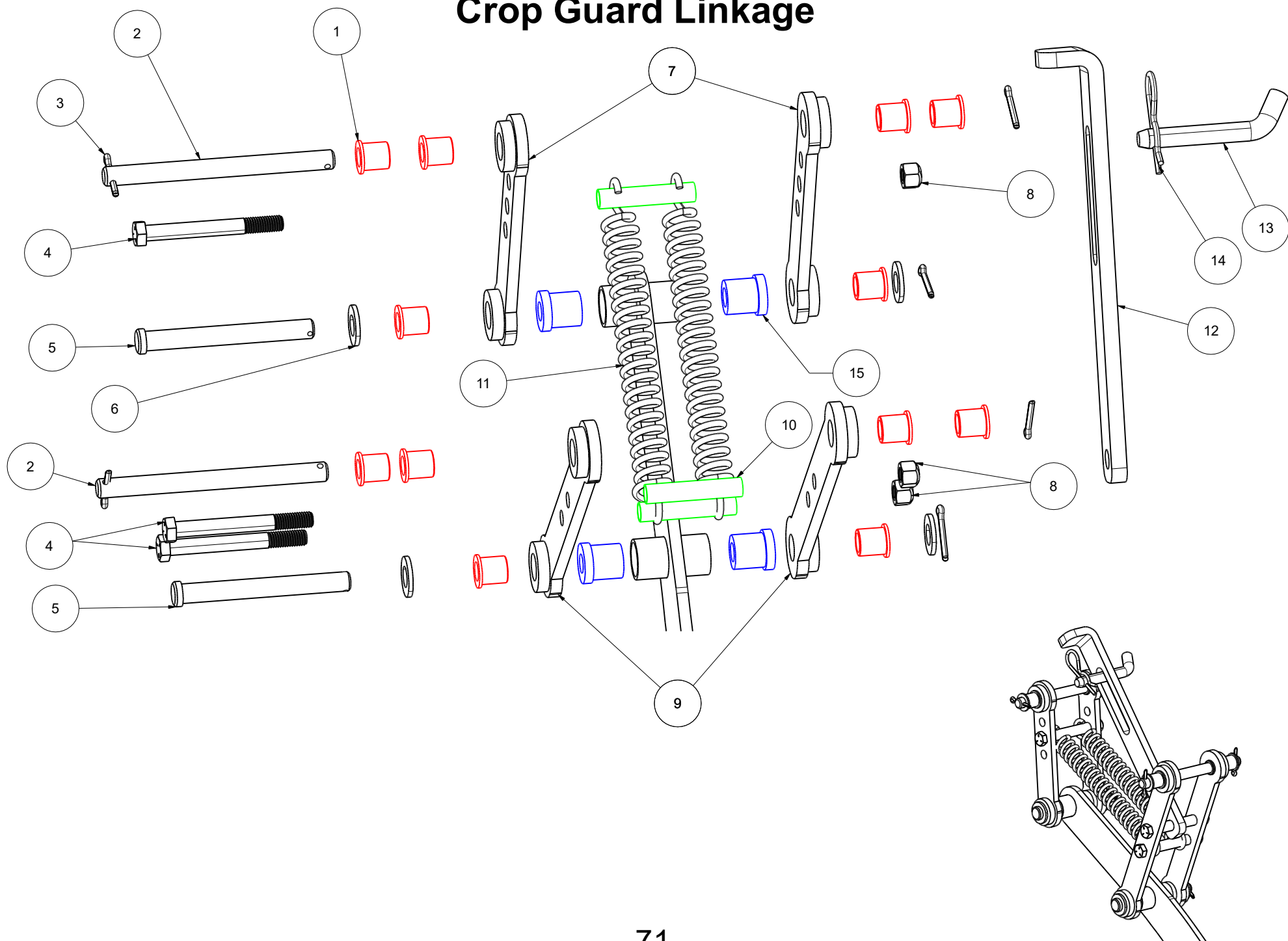


Crop Guard

Item#	Part Number	Part Name	Quantity
1	H5C14X2	1/4" x 2" Hex Bolt	36
2	FW14	1/4" Flat Washer	36
3	905	Crop Guide	18
4	SNC14	1/4" Steel Lock Nut	36
5	H5C12X2	1/2" x 2" Hex Bolt	4
6	FW12	1/2" Flat Washer	8
7	MH1946	Flanged Rubber Bushing	4
8	SNC12	1/2" Steel Lock Nut	4
9	9701	Crop Guard Weldment	1
10	9731	Arm Weldment	2

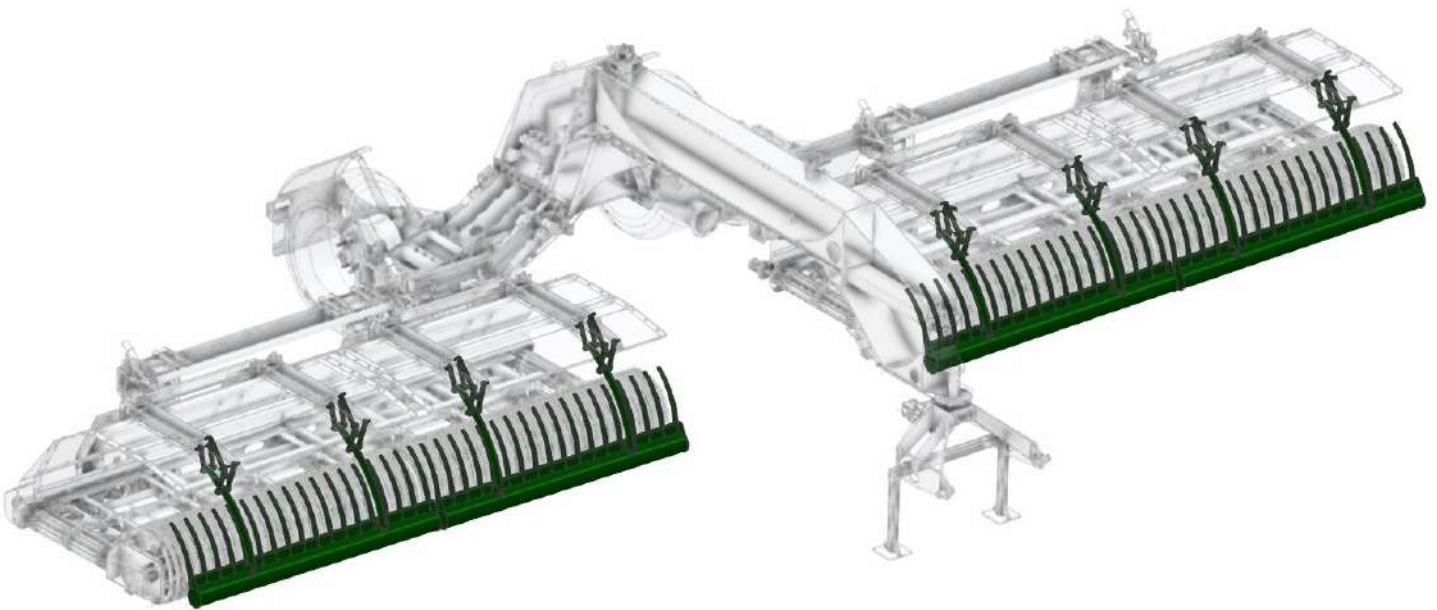


Crop Guard Linkage

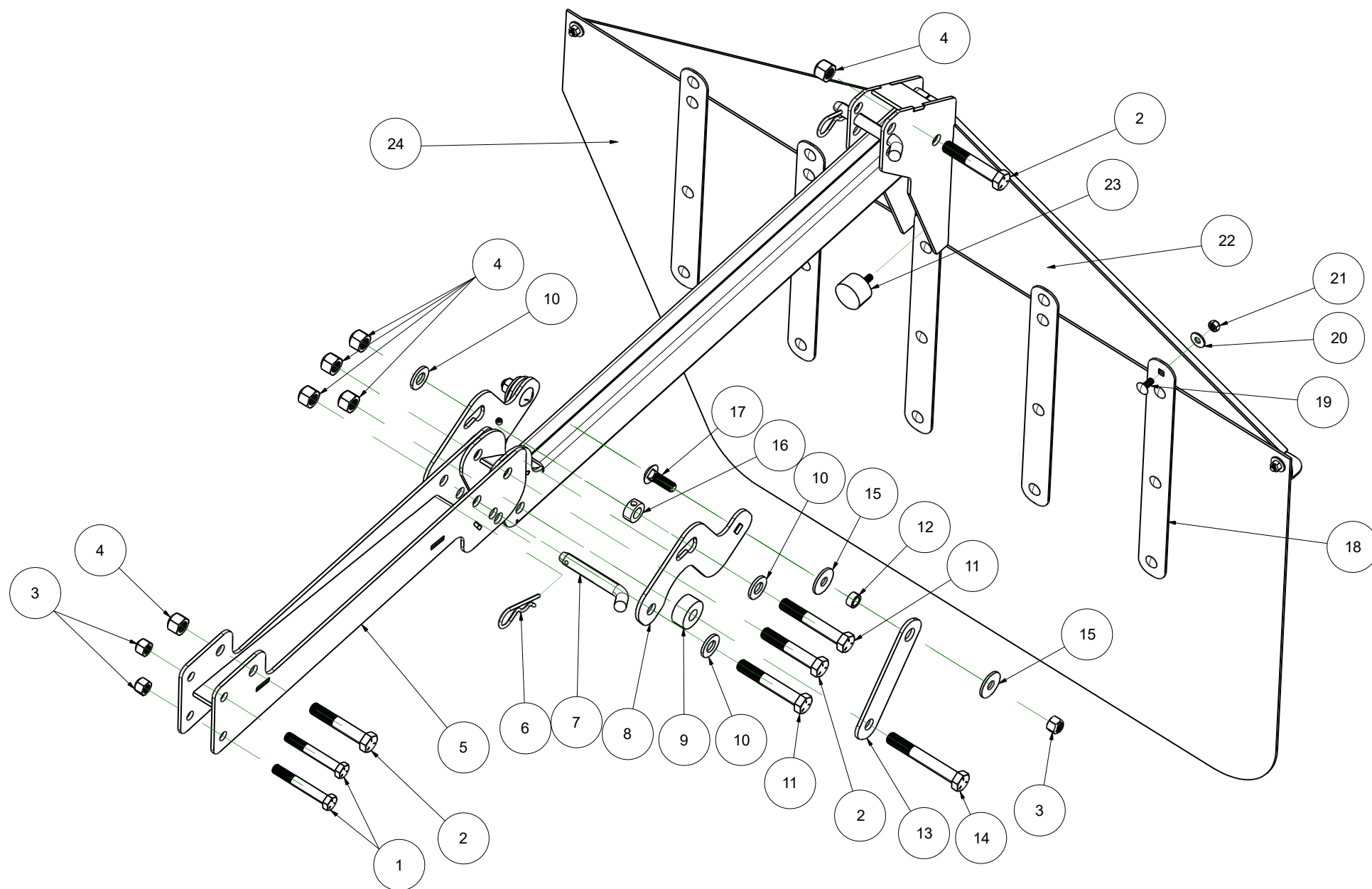


Crop Guard Linkage

Item#	Part Number	Part Name	Quantity
1	JFM-1622-25	IGUS I-Glide J-Flanged Bushing	24
2	917	5/8" x 7-1/2" Pin, Zinc Plated	4
3	CT316X114	3/16" x 1-1/4" Cotter Pin	14
4	H5C12X412	1/2" x 4-1/2" Hex Bolt	6
5	CLPZ-0625-5500/B	5/8" x 5-1/2" Clevis Pin, Zinc	4
6	FW58	5/8" Flat Washer	4
7	9751	Linkage B	4
8	SNC12	1/2" Steel Lock Nut	2
9	9741	Linkage A	4
10	3883	SS Spacer	6
11	C-269	1" x 7" Spring	2
12	978P	Adjustor Link	2
13	BP58X3	5/8" x 3" Bent Pin	2
14	BP216	Bridge Hitch Clip 1/8" x 1-15/16	2
15	MH1766	Harris Rubber Bushing	8

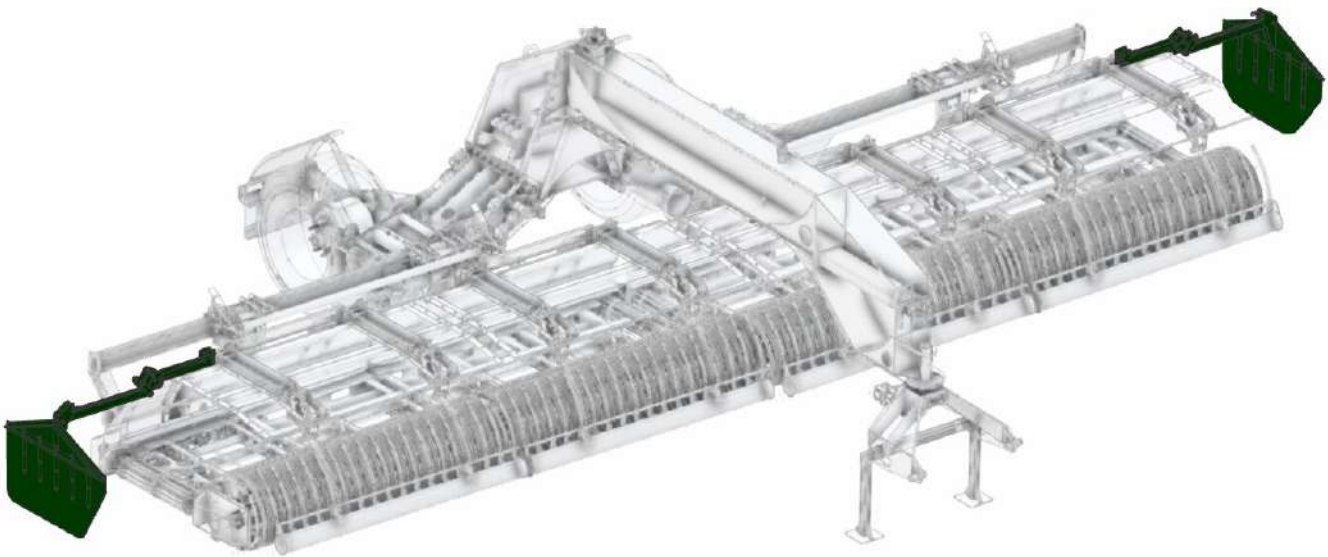


Windrow Curtain

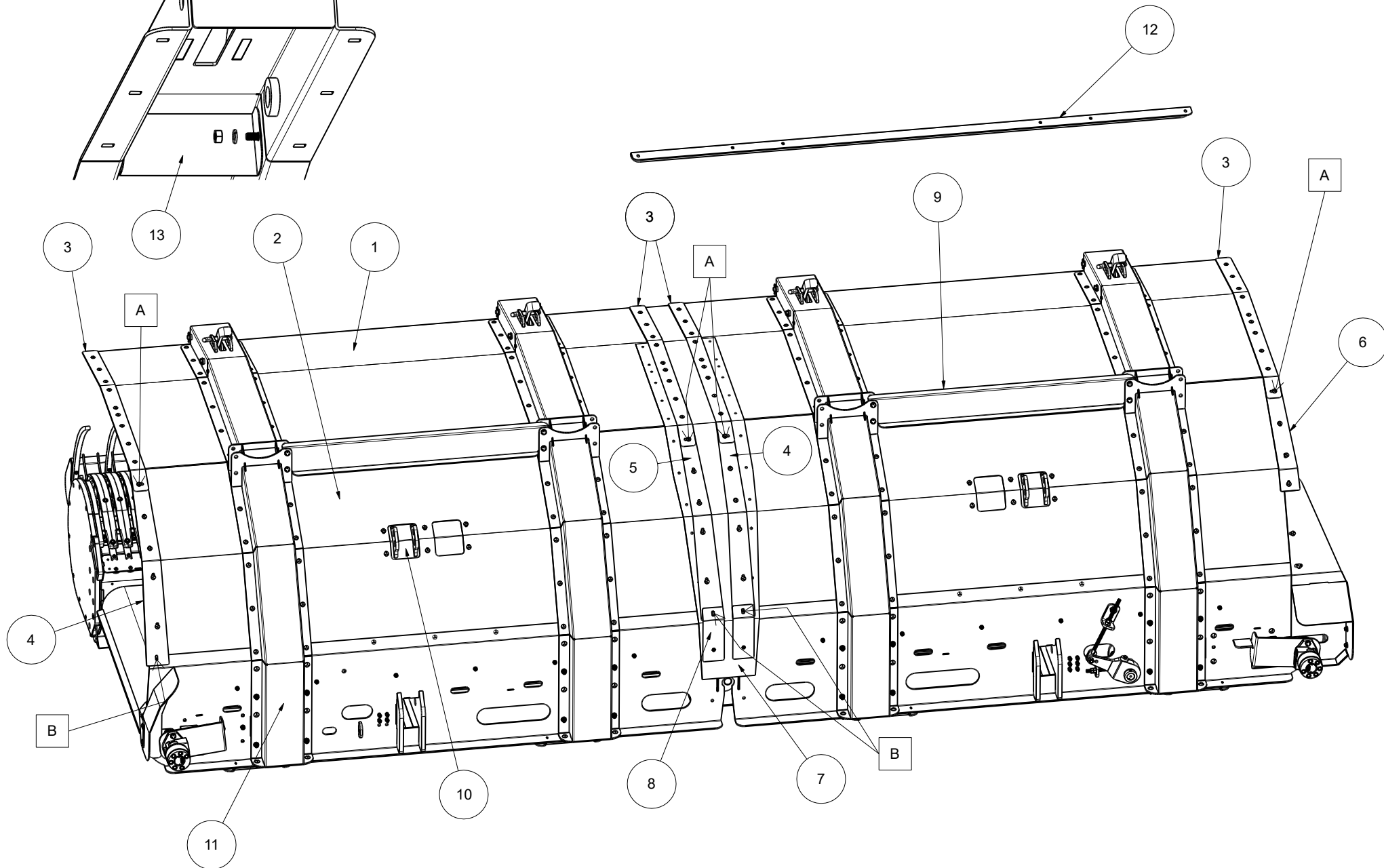


Windrow Curtain

Item#	Part Number	Part Name	Quantity
1	H5C12X312	1/2" x 3-1/2" Hex Bolt	2
2	H5C58X312	5/8" x 3-1/2" Hex Bolt	2
3	SNC12	1/2" Steel Lock Nut	3
4	SNC58	5/8" Steel Lock Nut	6
5	9651	Cylinder Mount Weldment	1
6	BP-210	Bridge Hitch Pin Clip, .148 x 2-15/16	2
7	BP58X3	5/8" x 3" Bent Pin	2
8	953P	Lift Linkage Tab	2
9	FW58X158X34	UHMW Spacer	2
10	FW58	5/8" Flat Washer	4
11	H5C58X4	5/8" x 4" Hex Bolt	2
12	P4086X1/2	Drill Bushing, 0.75" OD x 0.5" ID x 0.375" Length	2
13	954P	Lift Linkage	2
14	H5C58X412	5/8" x 4-1/2" Hex Bolt	1
15	FW12	1/2" Flat Washer	4
16	0625P	Shaft Collar	1
17	CB12X112	1/2" x 1-1/2" Carriage Bolt	2
18	962P	Curtain Support	5
19	CB516X34S	5/16" x 3/4" Stainless Carriage Bolt	22
20	FW516	5/16" Flat Washer	22
21	SNC516	5/16" Steel Lock Nut	22
22	9502	Curtain Frame Weldment	1
23	2NPG4	Rubber Bumper	1
24	963	Poly Curtain	1



Windguard

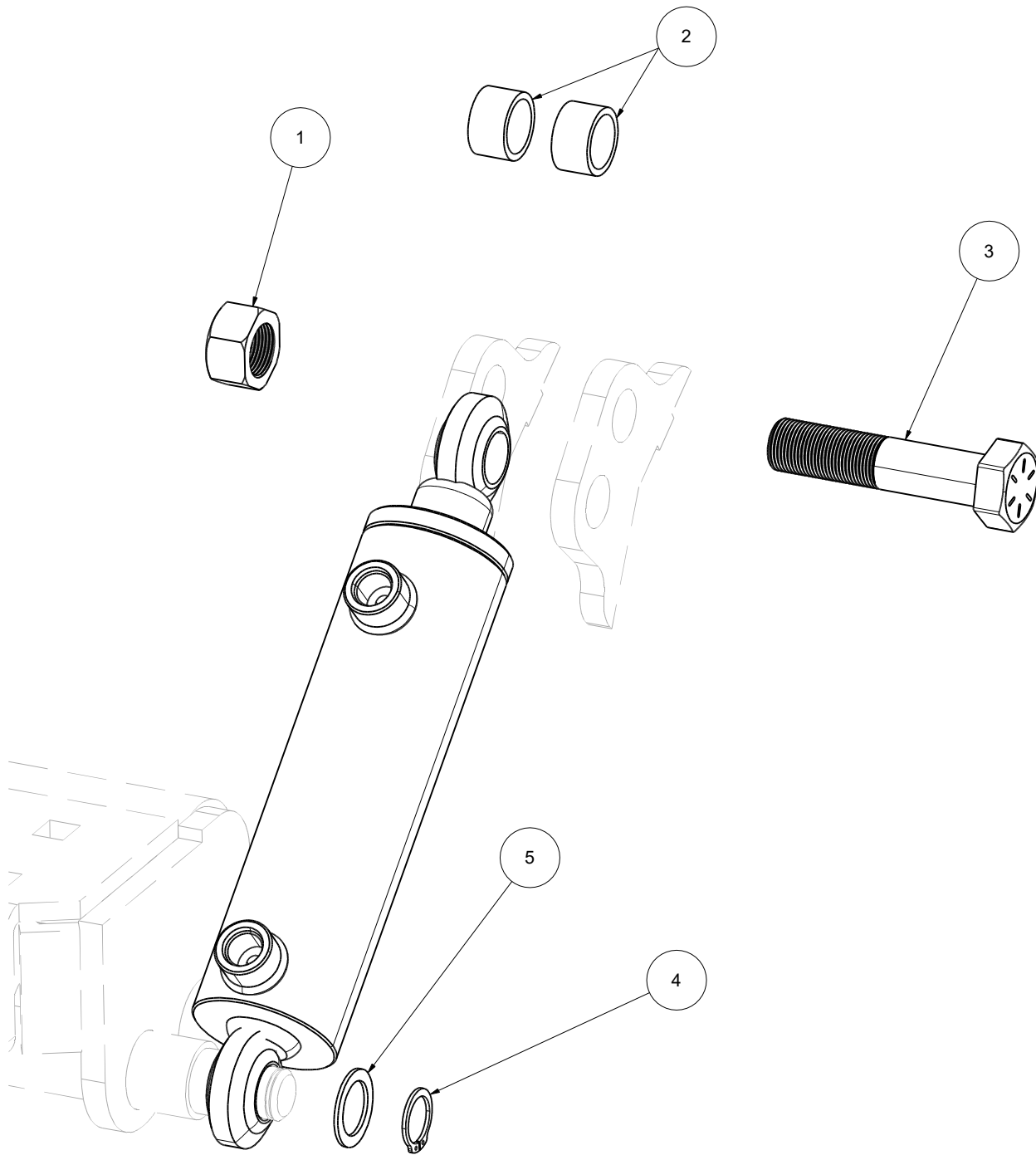


Windguard

Item#	Part Number	Part Name	Quantity
	Sheet Mounting Hardware	(unless otherwise specified by Datum)	
	CB516X34	5/16" Carriage Bolt	
	FW516	5/16" Flat Washer	
	LW516	5/16" Lock Washer	
	NC516	5/16" Hex Nut	
A	CB516X1	5/16" x 1" Carriage Bolt	
B	CB516X114	5/16" x 1-1/4" Carriage Bolt	

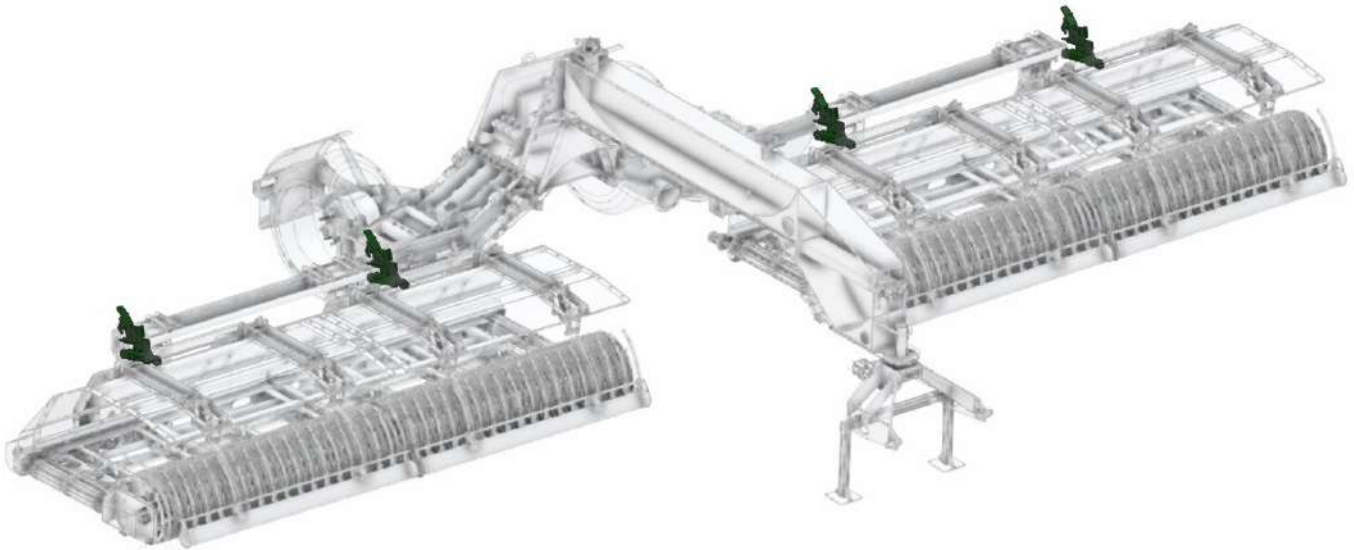
1	3806	Perforated SS Sheet	2
2	3805	SS Shield	2
3	3848P	Upper Sheet Support	4
4	3849LH	Left Hand Lower Sheet Support	Right Header - 2
			Left Header - 1
5	3849RH	Right Hand Lower Sheet Support	Right Header - 1
			Left Header - 2
6	3849RHS	Right Hand Lower Sheet Support, Short	1
	3849LHS	Left Hand Lower Sheet Support, Short	1
7	3866	Windguard Seal	1
8	3882P	Rubber Retainer Strip	1
9	969P	Cross Brace	1
	Cross Brace Mounting Hardware		
	H5C12X1	1/2" x 1" Hex Bolt	8
	LW12	1/2" Lock Washer	8
	NC12	1/2" Hex Nut	8
10	38071	Tilt Bracket Weldment	2
	Tilt Bracket Weldment Hardware		
	CB516X1	5/16" x 1" Carriage Bolt	28
	FW516	5/16" Flat Washer	28
	LW516	5/16" Lock Washer	28
	NC516	5/16" Hex Nut	28
11	3804	Profile Weldment	4
	Profile Weldment Hardware - mounting to back plate		
	CB38X1	3/8" x 1" Carriage Bolt	40
	FW38	3/8" Flat Washer	40
	LW38	3/8" Lock Washer	40
	NC38	3/8" Hex Nut	40
12	3810P	Support	2
13	3877P	Cover Insert	4
	H5C516X34	5/16" x 3/4" Hex Bolt	8
	LW516	5/16" Lock Washer	8
	NC516	5/16" Hex Nut	8

Header Tilt Cylinder Mounting

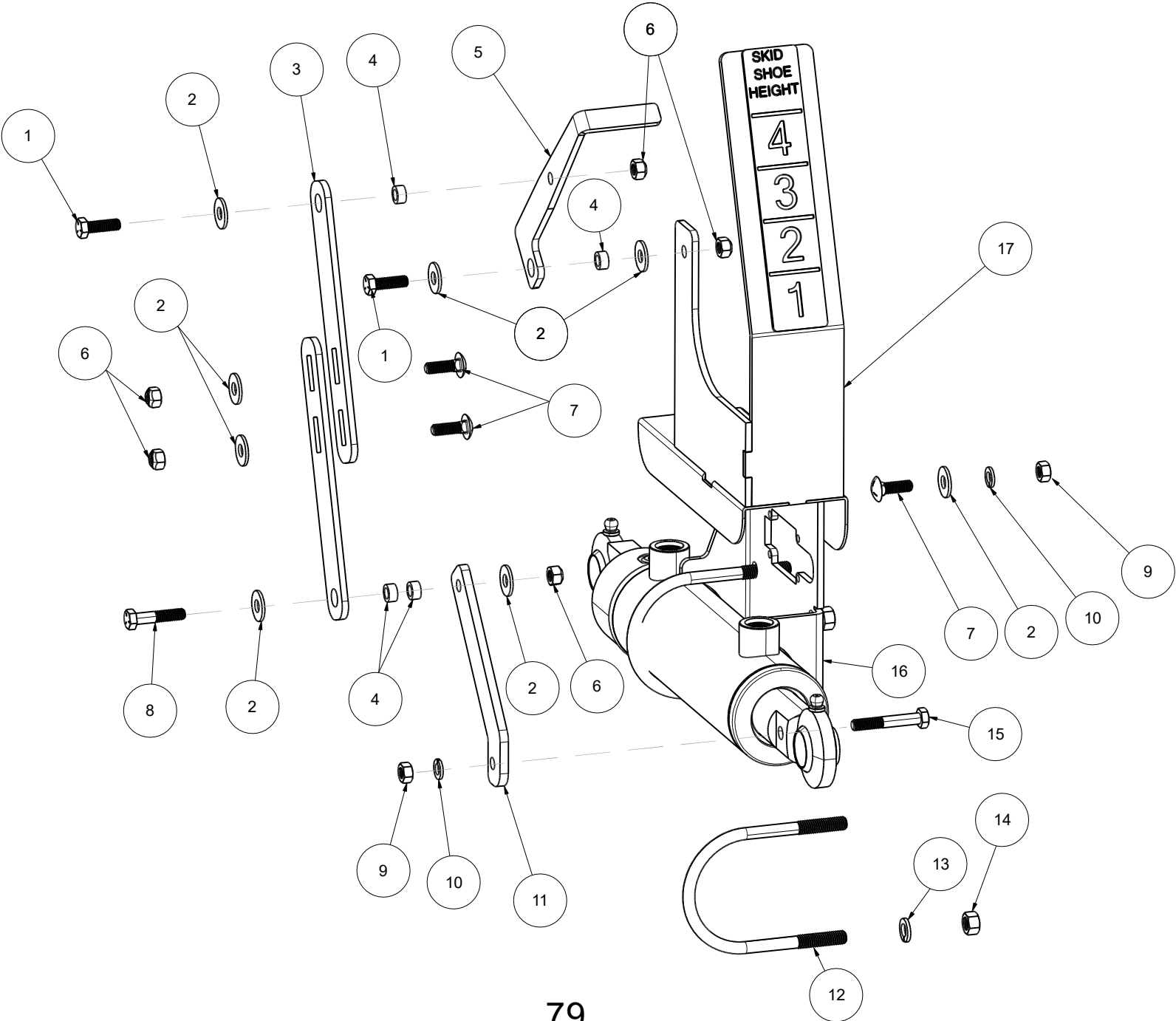


Header Tilt Cylinder Mounting

Item#	Part Number	Part Name	Quantity
1	SNC1	1" Steel Lock Nut, Fine Thread, Grade 8	1
2	3885	SS Bushing	2
3	H8C1X5	1" x 4-1/2" Hex Bolt, Fine Thread, Grade 8	1
4	SHR-100-ZD	1" HD External Snap Ring	1
5	MW1Z14	1" Machine Washer	1

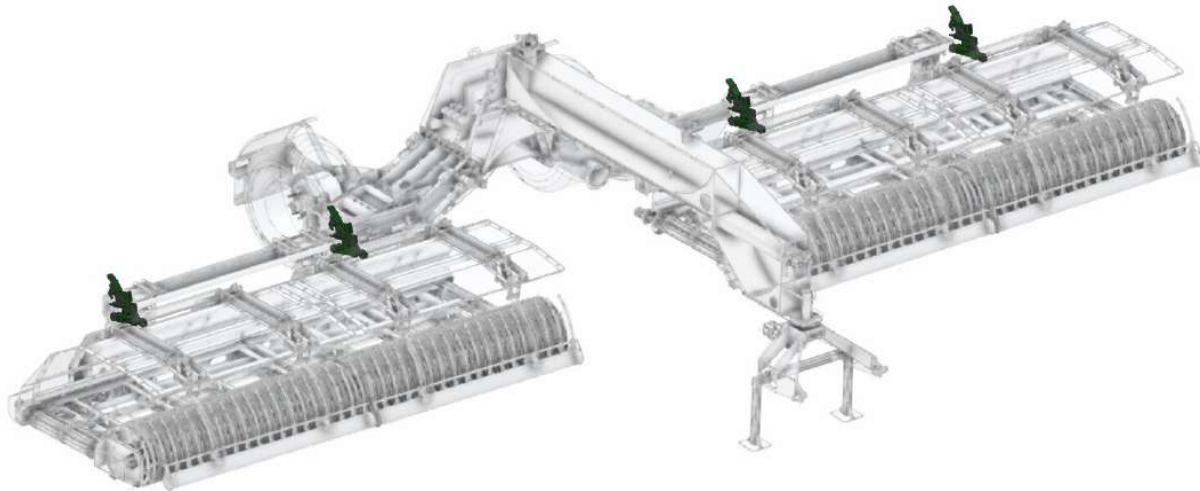


Header Tilt Indicator

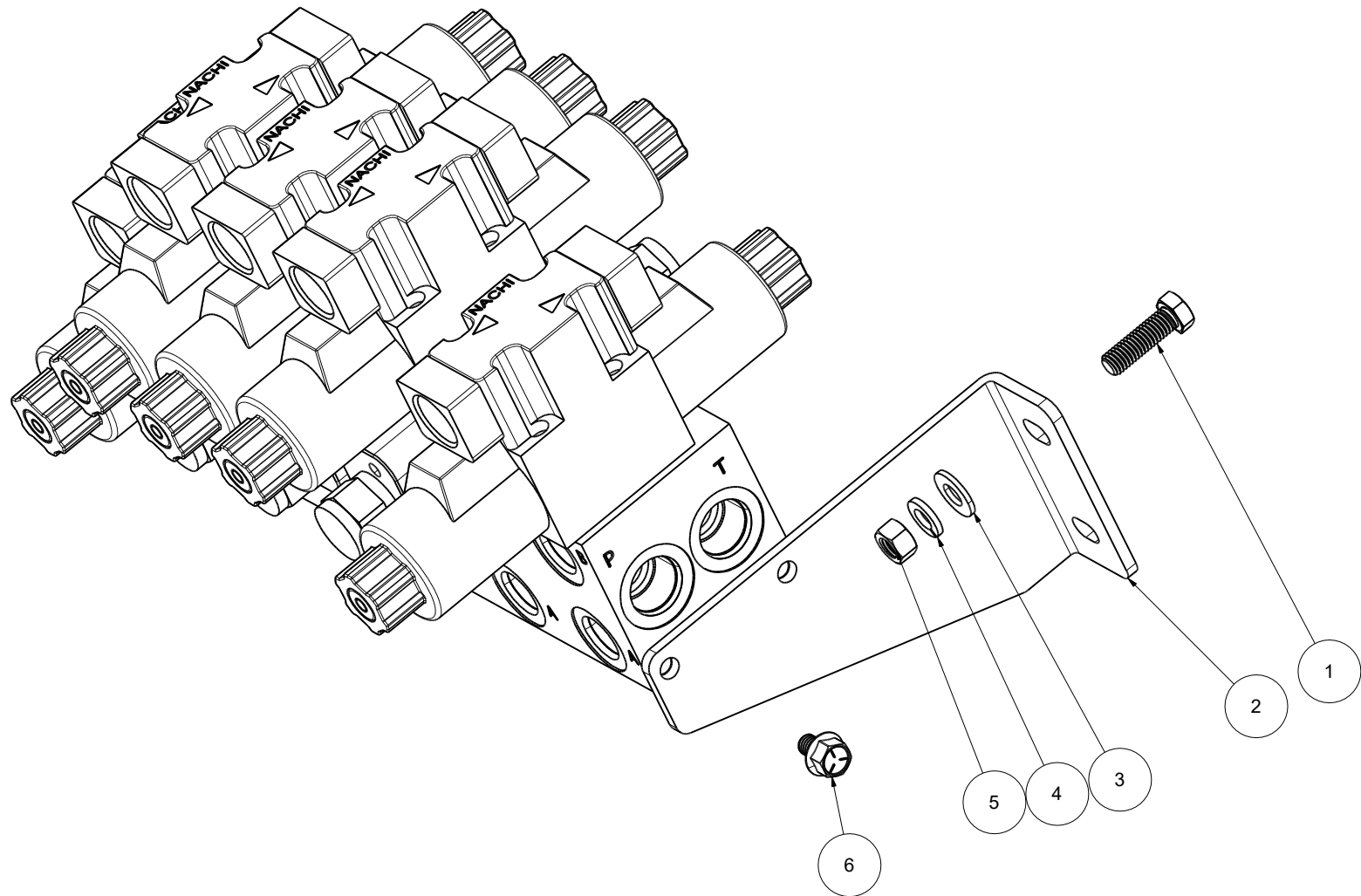


Header Tilt Indicator

Item#	Part Number	Part Name	Quantity
1	H5C516X1	5/16" x 1" Hex Bolt	1
2	FW516	5/16" Flat Washer	13
3	3865P	Linkage Half	2
4	3671N151	Drill Bushing, 0.32" ID, .5" OD x .25" L	4
5	3864RH	Indicator, Right Hand	1
	3864LH	Indicator, Left Hand	
6	SNC516	5/16" Steel Lock Nut	5
7	CB516X1	5/16" x 1" Carriage Bolt	2
8	H5C516X112	5/16" x 1-1/2" Hex Bolt	1
9	NC516	5/16" Hex Nut	3
10	LW516	5/16" Lock Washer	3
11	3884P	Indicator Tab	1
12	N22217	3/8" x 3" x 4-1/2" U-Bolt	2
13	LW38	3/8" Lock Washers	4
14	NC38	3/8" Hex Nut	4
15	H5C516X2	5/16" x 2" Hex Bolt	1
16	3859RH	Sensor Mount, Right Hand	1
	3859LH	Sensor Mount, Left Hand	1
17	3863RH	Indicator Bracket, RH	1
	3863LH	Indicator Bracket, LH	1



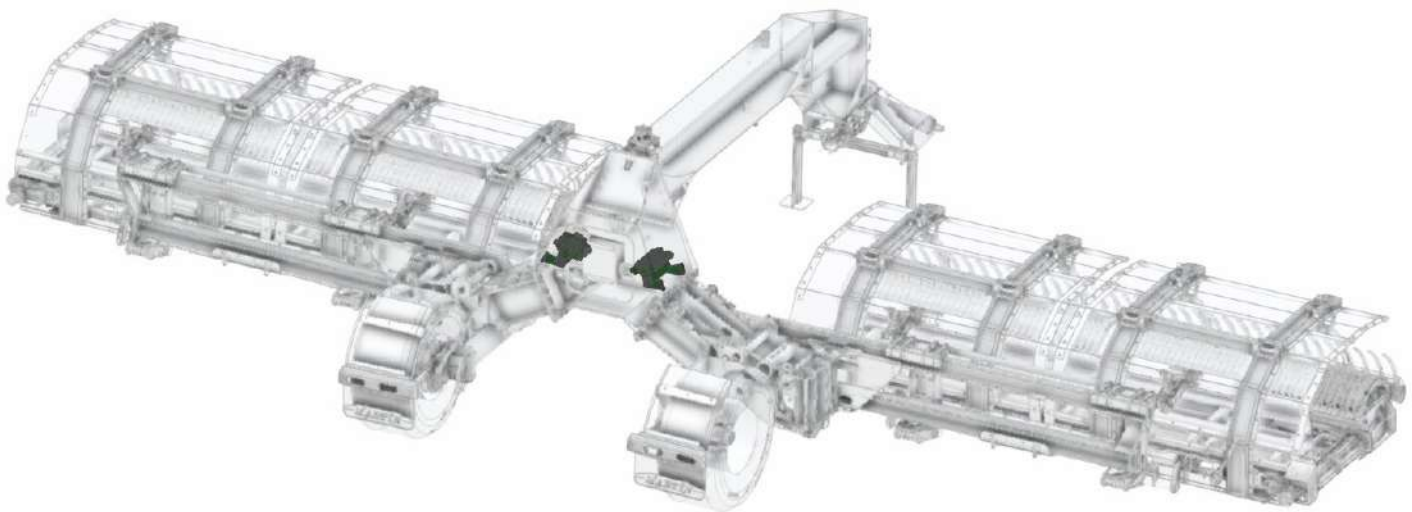
Valve Station Mounting



Valve Station Mounting

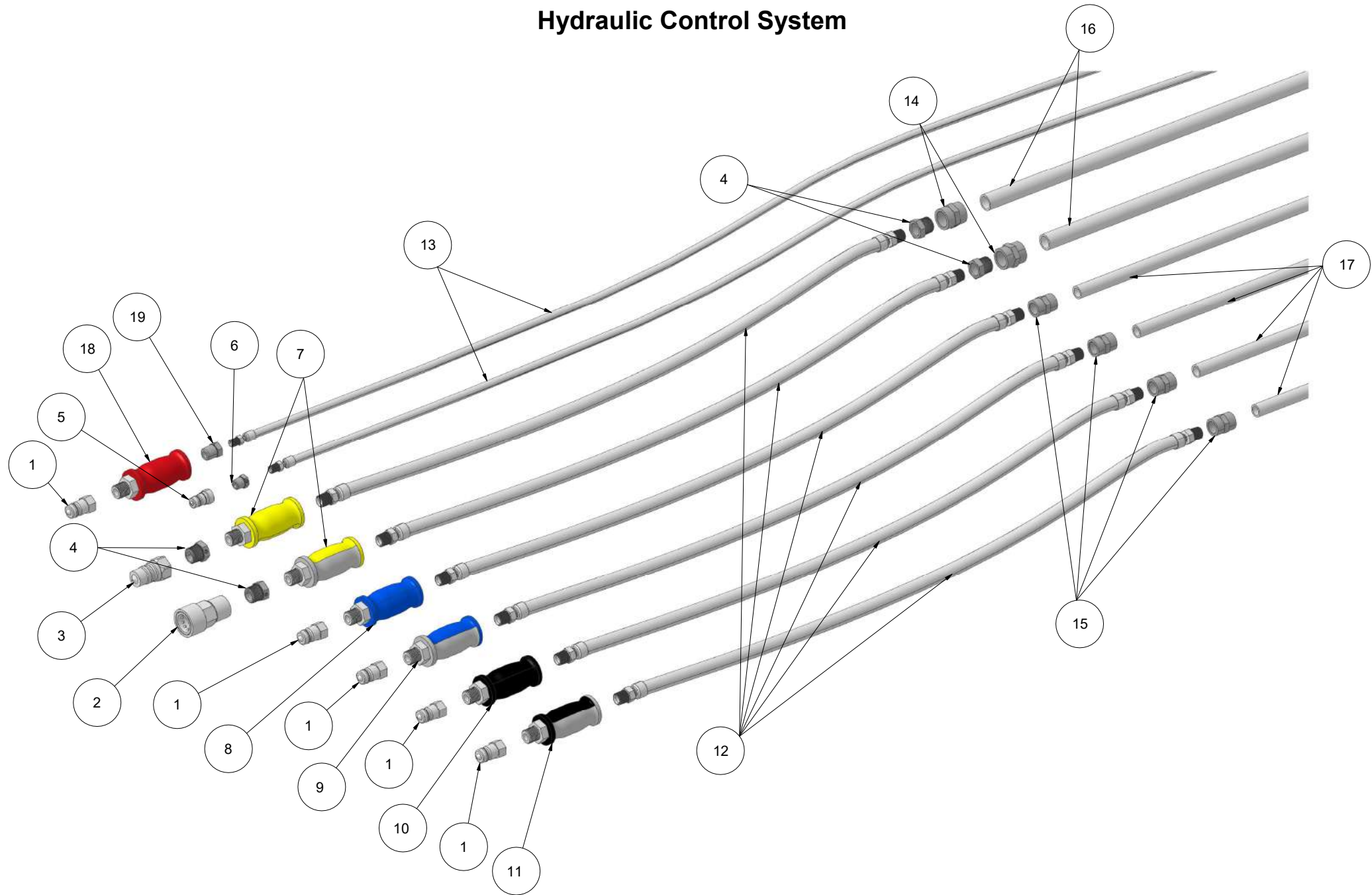
Item#	Part Number	Part Name	Quantity
1	H5C38X114	3/8" x 1-1/4" Hex Bolt	8
2	3850R	Valve Station Bracket, Right Hand	2
	3850L	Valve Station Bracket, Left Hand	2
3	FW38	3/8" Flat Washer	8
4	LW38	3/8" Lock Washer	8
5	NC38	3/8" Hex Nut	8
6	FB516X12	5/16" x 3/4" Flange Bolt	8

Quantities are for mounting both the 4-bank and 5-bank stations.



Hoses to Tractor

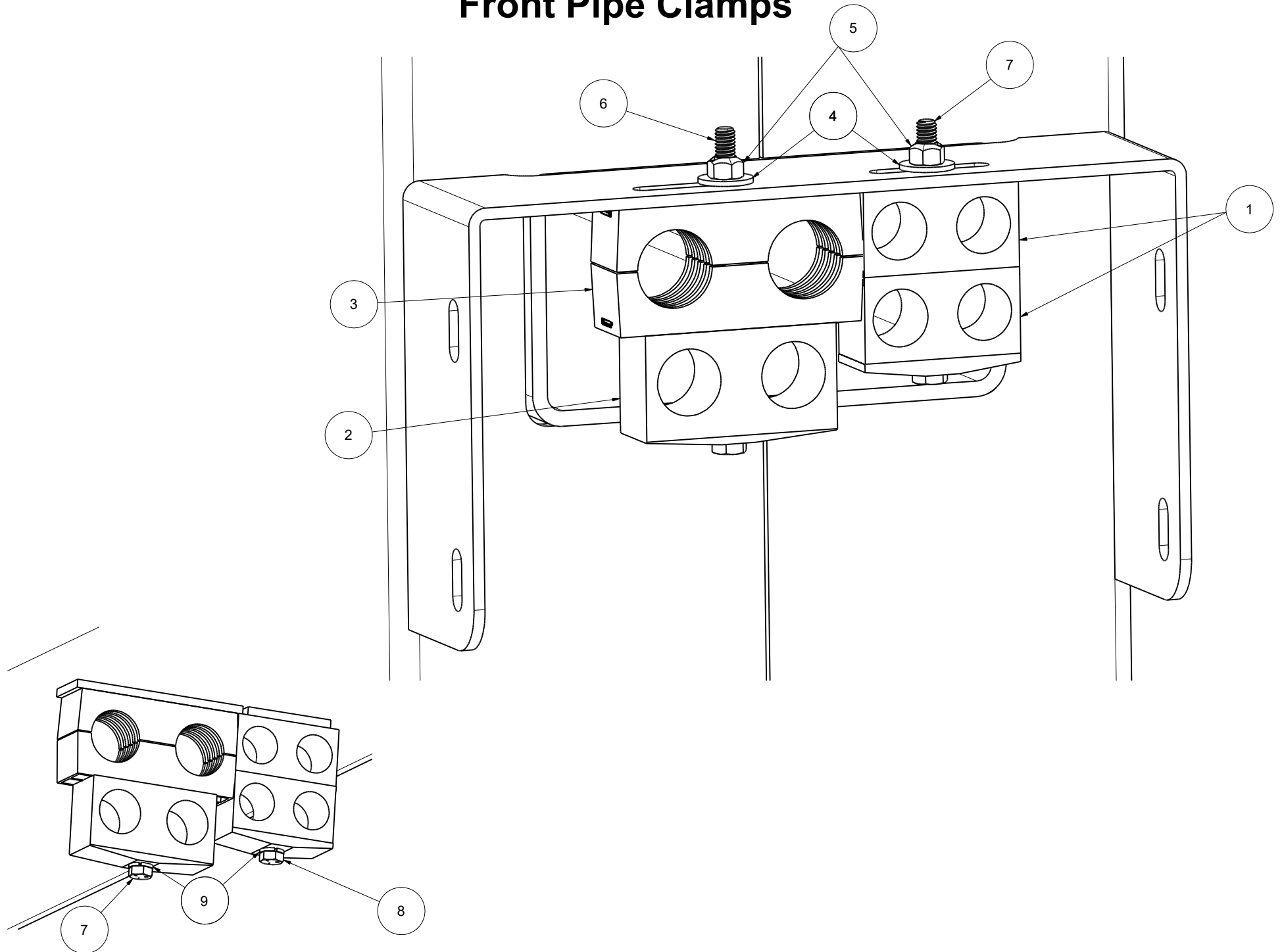
Hydraulic Control System



Hoses to Tractor

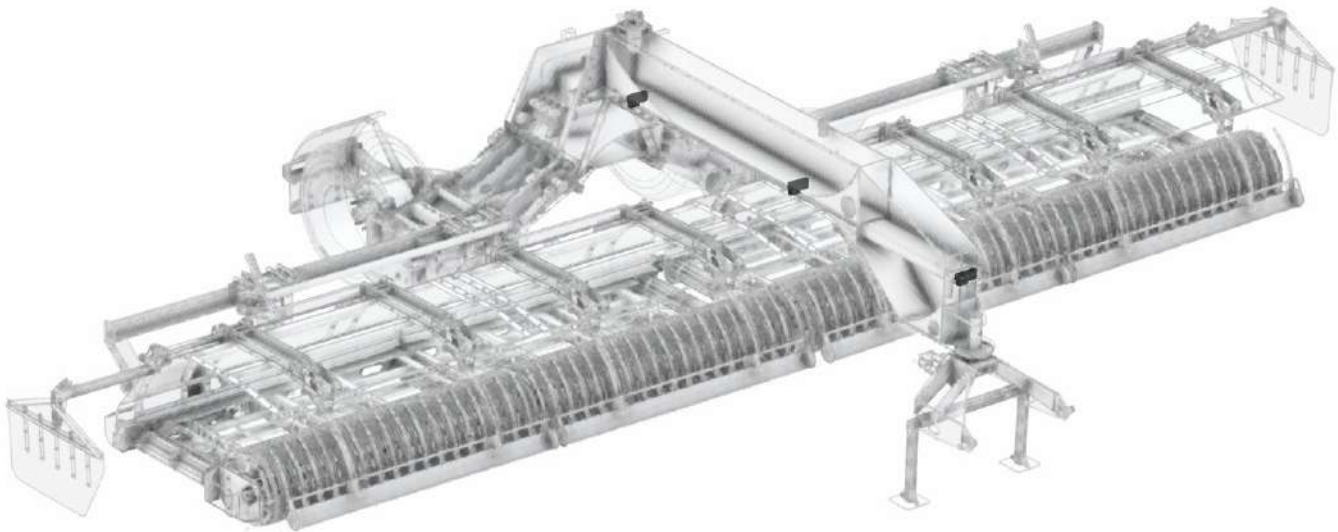
Item#	Part Number	Part Name	Quantity
1	S71	Male Hydraulic Adapter	6
2	QCANV-34-NPT-F	3/4" AG Body Coupler	1
3	QCANV-34-NPT-N	3/4" Hydraulic Plug, Male Body Style	1
4	5406-12-08	Hydraulic Adapter	1
5	IA10-M-06N-B23	3/8" Quick Coupler, 3/8" NPT	1
6	5406-06-04	Hydraulic Adapter	1
7	HG-PT25N25N21N-B	Hose Grip Set, 1-Yellow,1-Yellow/Gray, 1/2" NPT	1
8	CHG-08NPT-Blue	Hose Grip, 1/2" NPT, Blue	1
9	CHG-08NPT-Blue/Grey	Hose Grip, 1/2" MPT, Blue/Grey	1
10	CHG-08NPT-Black	Hose Grip, 1/2" NPT, Black	1
11	CHG-08NPT-Black/Grey	Hose Grip, 1/2"NPT, Black/Grey	1
12	HHA08X70-MP08	1/2" x 70" Hydraulic Hose, 08MP-08MP	6
13	HHA04X265-04FJX-04MP	1/4" x 265" Hydraulic Hose, 04FJX-04MP	2
14	5000-12-12	Hydraulic Adapter	2
15	5000-08-08	Hydraulic Adapter	4
16	SHP12X176	3/4" x 176" Steel Hydraulic Pipe	2
17	SHP08X176	1/2" x 176" Steel Hydraulic Pipe	4
18	CHG-08NPT-Red	Hose Grip 1/2" NPT, Red	1
19	5406-04-08	Hydraulic Adapter	1

Front Pipe Clamps

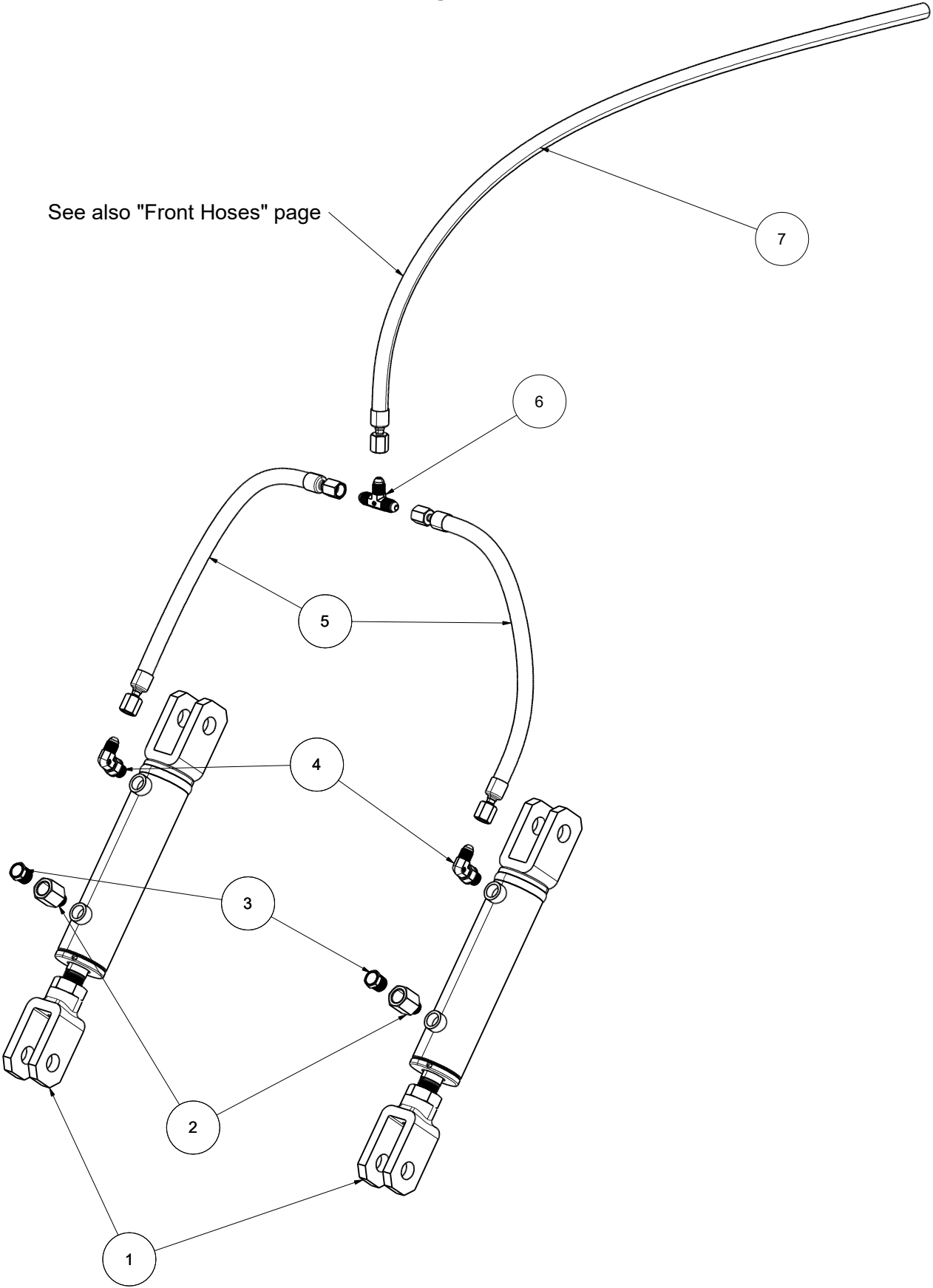


Front Pipe Clamps

Item#	Part Number	Part Name	Quantity
1	T2008S	Twin Hose Clamp for 1/4" Pipe	6
2	T4017S	Twin Hose Clamp for 3/4" Pipe	3
3	T5020S	Twin Pipe Clamp For 1" Pipe	3
4	FW516	5/16" Flat Washer	2
5	SNC516	5/16" Steel Lock Nut	2
6	H5C516X5	5/16" x 5" Hex Bolt	1
7	H5C516X4	5/16" x 4" Hex Bolt	3
8	H5C516X3	5/16" x 3" Hex Bolt	2
9	LW516	5/16" Lock Washer	4



Brake Hydraulics

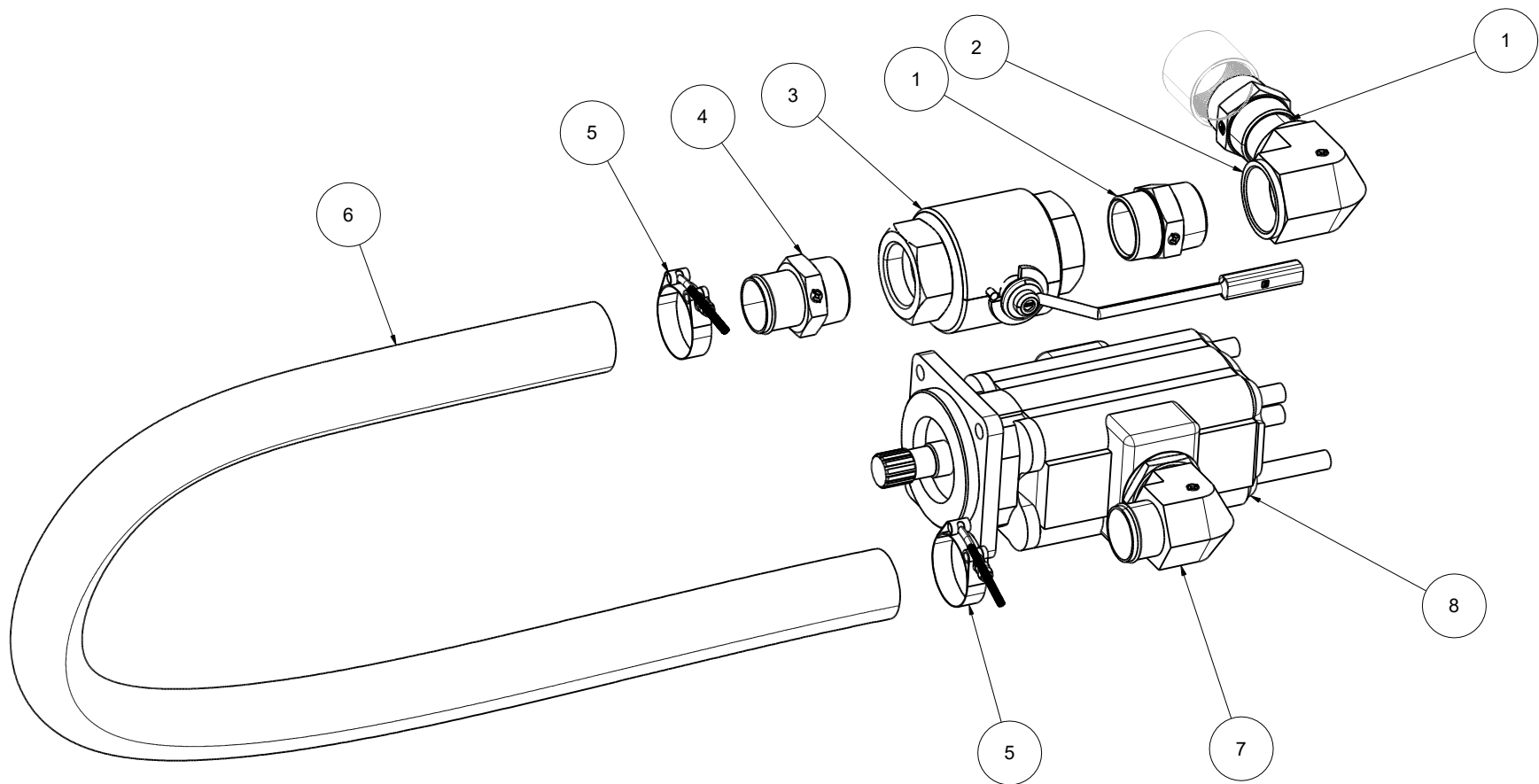


Brake Hydraulics

Item#	Part Number	Part Name	Quantity
1	CY1504MAR	1.5" x 4" Hydraulic Cylinder	2
2	6405-04-04	Hydraulic Adapter	2
3	BV-28	Breather Vent	2
4	6801-04-04	Hydraulic Elbow	2
5	HHA04X97-04FJX	1/4" x 97" Hydraulic Line	2
6	2603-04-04-04	Hydraulic Tee	1
7	HHA04X265-04FJX-04MP	1/4 x 265" Hydraulic Line	1

Tank to Pump

SCHOS

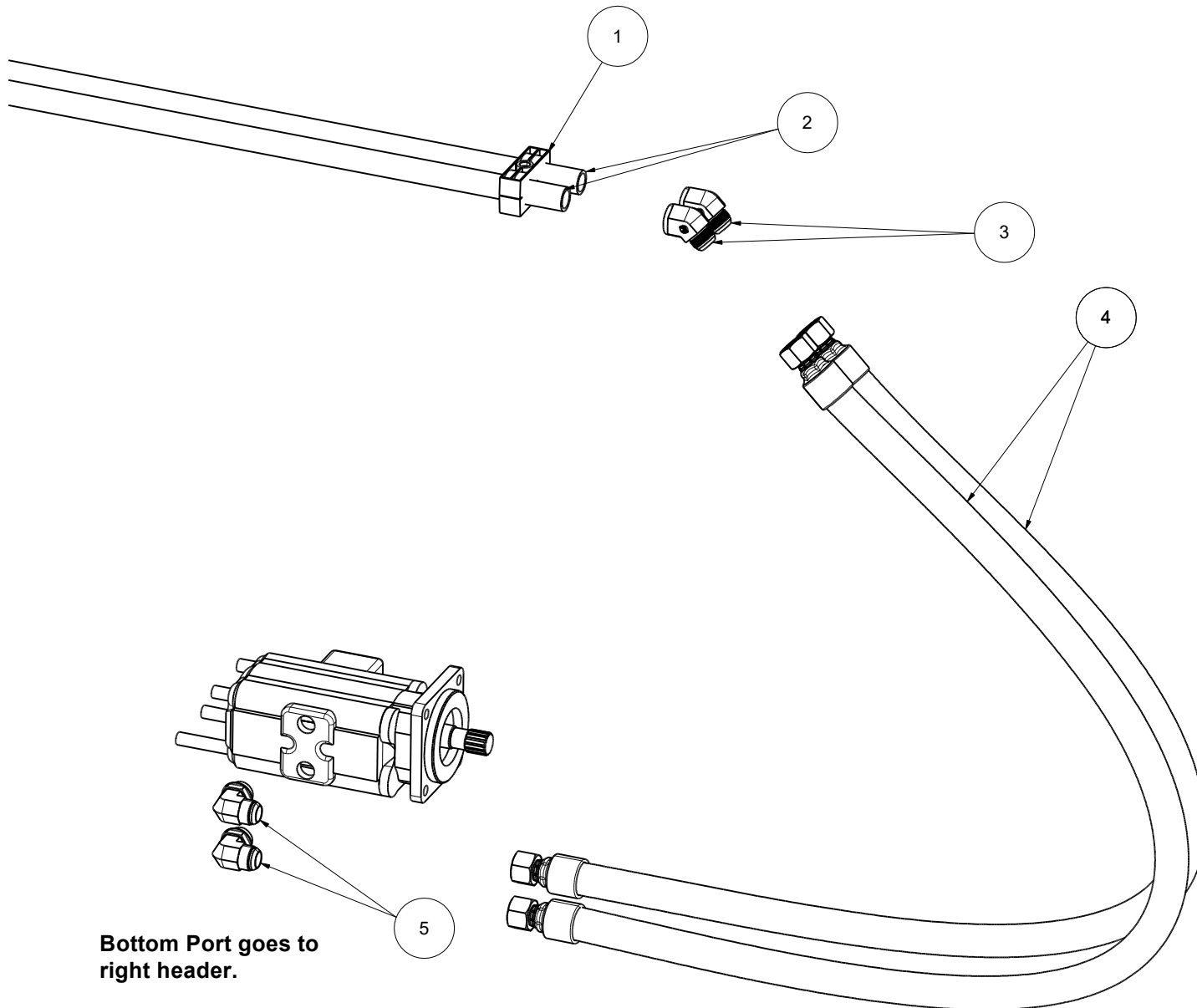


Tank to Pump

Item#	Part Number	Part Name	Quantity
1	5404-32-32	Hydraulic Adapter	2
2	5504-32-32	Hydraulic Elbow	1
3	BV2BR	Quarter Turn Valve,2" FPT	1
4	4404-32-32	Hydraulic Nipple	1
5	DXTBC250	2-1/2" Hose Clamp	2
6	GHSV32-6	2" x 6' Suction Line	1
7	4601-32-32	Hydraulic Elbow w/ Nipple	1
8	P257B467AXZA17-6XKCZA17-1	Permco Tandem Hydraulic Pump	1

Pump to Supply Pipes

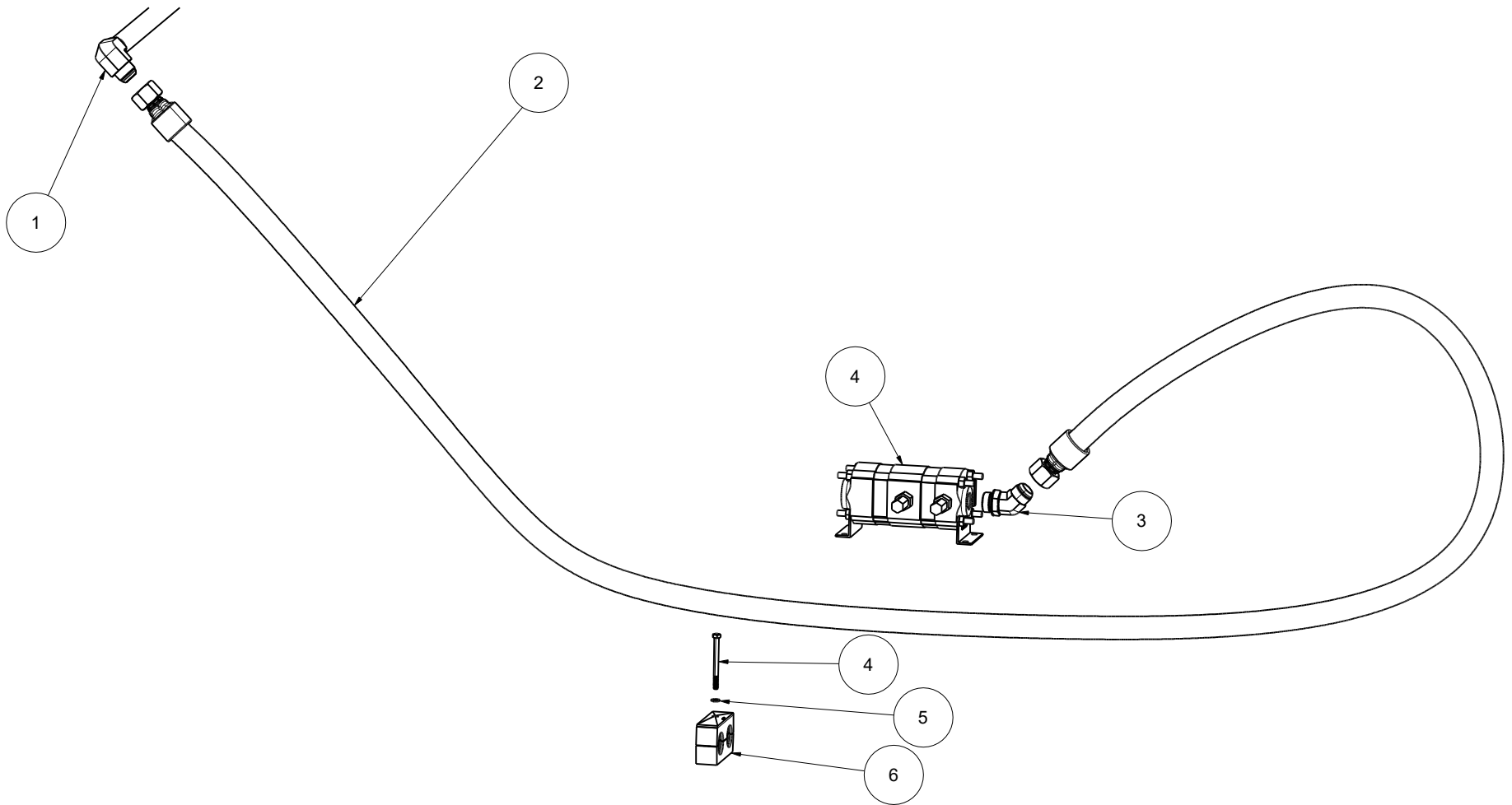
SCHOS



Pump to Supply Lines

Item#	Part Number	Part Name	Quantity
1	SP-532-32-PP-GD-AS-U-W10-K	Hydraulic Hose/Pipe Clamp For 1" Pipe	1
2	SHP16X176	1" x 176" Steel Hydraulic Pipe	1
3	2505-16-16	Hydraulic Elbow	2
4	HHA16X72-16FJX	1" x 72" Hydraulic Hose	2
5	6801-16-16	Hydraulic Elbow	2

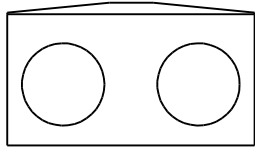
Supply to Flow Divider SCHOS



Supply to Flow Divider

Item#	Part Number	Part Name	Quantity
1	2502-16-16	Hydraulic Elbow	1
2	HHA12X217-1612FJX	1/2" x 217" Hydraulic Line	1
3	6802-16-16	Hydraulic Adapter	1
4	6104016	Hydraulic Flow Divider	1
5	H5C516X312	5/16" x 3-1/2" Hex Bolt	1
6	LW516	5/16" Lock Washer	1
7	T4018S	Twin Clamp for 3/4" Hydraulic Hose	1

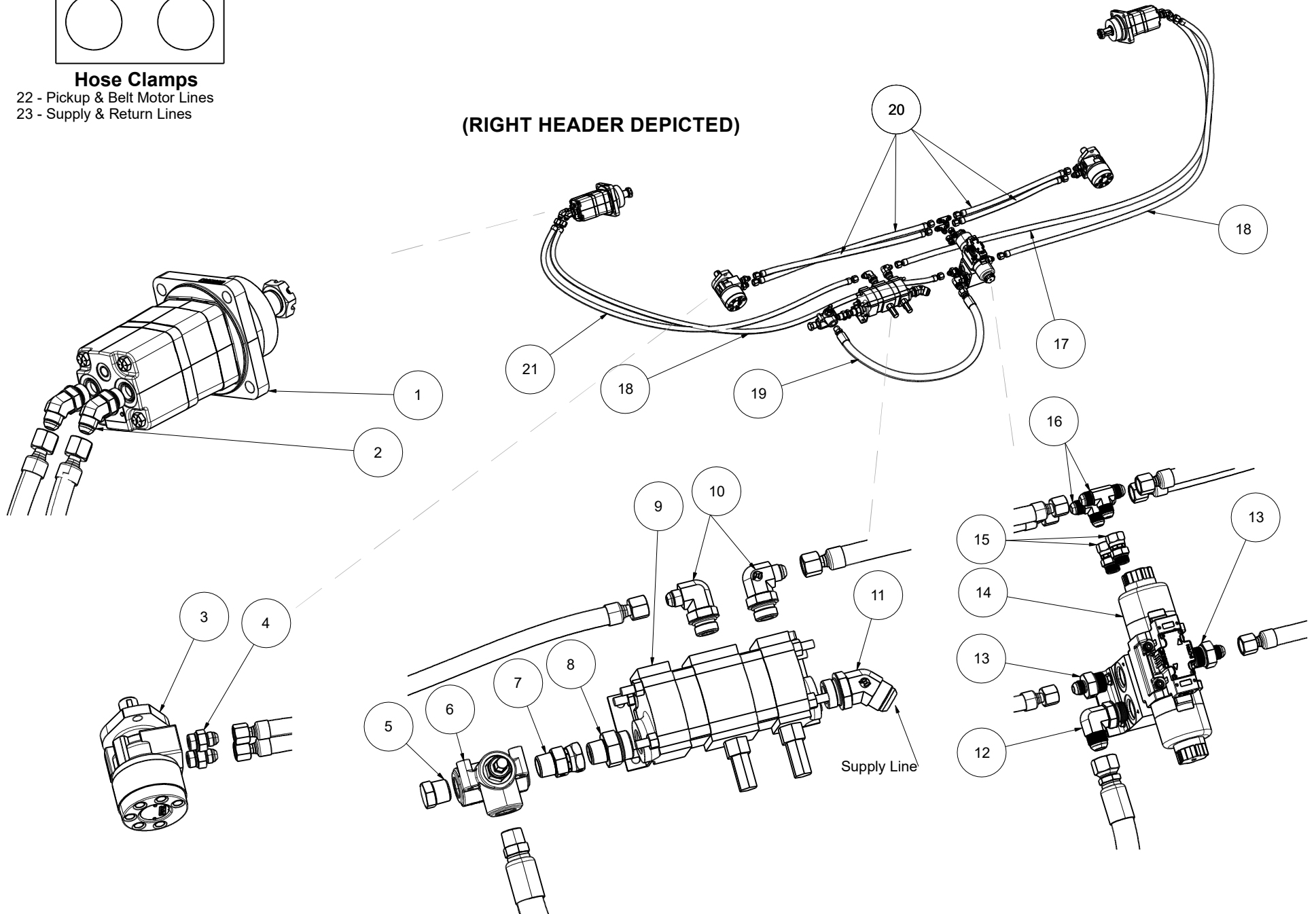
Self-Contained Hydraulic Oil System



Hose Clamps

- 22 - Pickup & Belt Motor Lines
- 23 - Supply & Return Lines

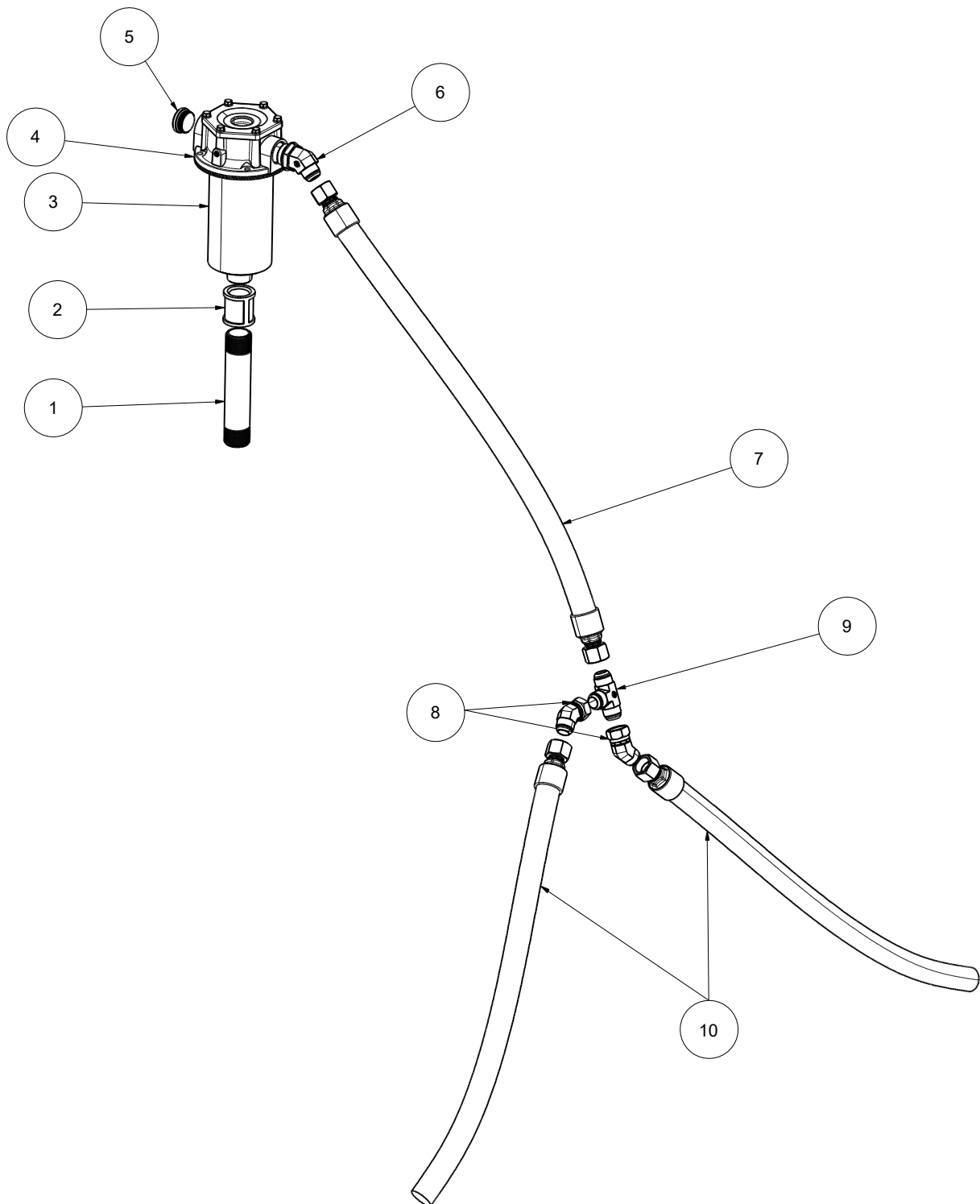
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S.C.H.O.S

Item#	Part Number	Part Name	Quantity
1	350250Y2122AAAAA	White Hydraulic Motor, 250CC, Pickup Motors	2
2	6801-08-10	Hydraulic Elbow	4
3	TE0045AS100AAAA	2.5 CID Parker Hydraulic Motor, Belt Motors	4
4	6400-08-10	Hydraulic Adapter	4
5	5406-P-12	Hydraulic Plug	2
6	PHRV-2V	3/4" Relief Valve	1
7	1404-12-12	Hydraulic Adapter	1
8	6401-16-12	Hydraulic Adapter	1
9	6104016	Flow Divider	1
10	6801-08-12	Hydraulic Elbow	1
11	6802-16-16	Hydraulic Elbow	1
12	6801-12-12	Hydraulic Elbow	1
13	6400-12-12	Hydraulic Adapter	1
14	DAAD05P013S	D05 1 Station Manifold	1
15	6402-08-08	Hydraulic Adapter	1
16	2603-08-08-08	Hydraulic Tee	2
17	HHA08X174-08FJX	1/2" x 174" Hydraulic Hose	2
18	HHA08X161-08FJX	1/2" x 161" Hydraulic Hose	2
19	HHA12X40-12FJX-12MP	3/4" x 40" Hydraulic Hose	1
20	HHA08X97-08FJX	1/2" x 97" Hydraulic Hose	4
21	HHA08X146-08FJX	1/2" x 146" Hydraulic Hose	1
22	T3015S	Twin Clamp For 1/2" Hose & Pipe	24
	H5C516X2	5/16" x 2" Hex Bolt	24
	SNC516	5/16" Steel Lock Nut	24
23	T4018S	Twin Clamp For 3/4" Hose	4
	H5C516X312	5/16" x 3-1/2" Hex Bolt	4
	LW516	5/16" Lock Washer	4

Return SCHOS

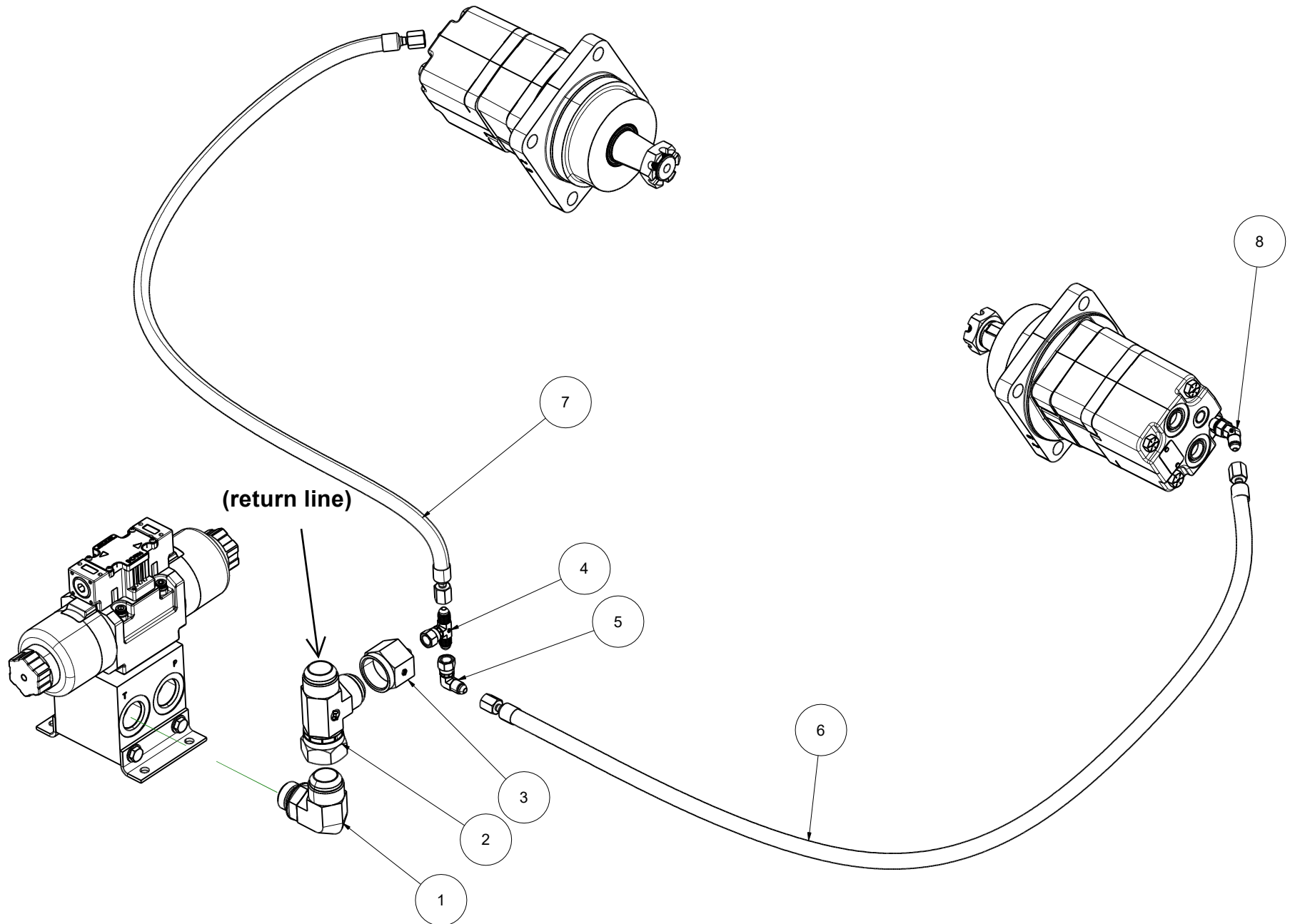


Return

Item#	Part Number	Part Name	Quantity
1	PN112X9	1-1/2" x 9" Pipe Nipple	1
2	C112BS	1-1/2" NPT Merchant Coupler	1
3	RE-409-10	Zinga 10 Micron Filter	1
4	RF-1618-S-25-MP-0	Zinga Tank Top Filter Housing	1
5	6409-24	Hydraulic Plug	1
6	6802-16-20	Hydraulic Elbow	1
7	HHA16X18-16FJX	1" x 18" Hydraulic Hose	1
8	6502-16-16	Hydraulic Elbow	2
9	2603-16-16-16	Hydraulic Tee	1
10	HHA12X220-1612FJX	3/4" x 220" Hydraulic Hose	2

Case Drain Line

Self-Contained Hydraulic Oil System

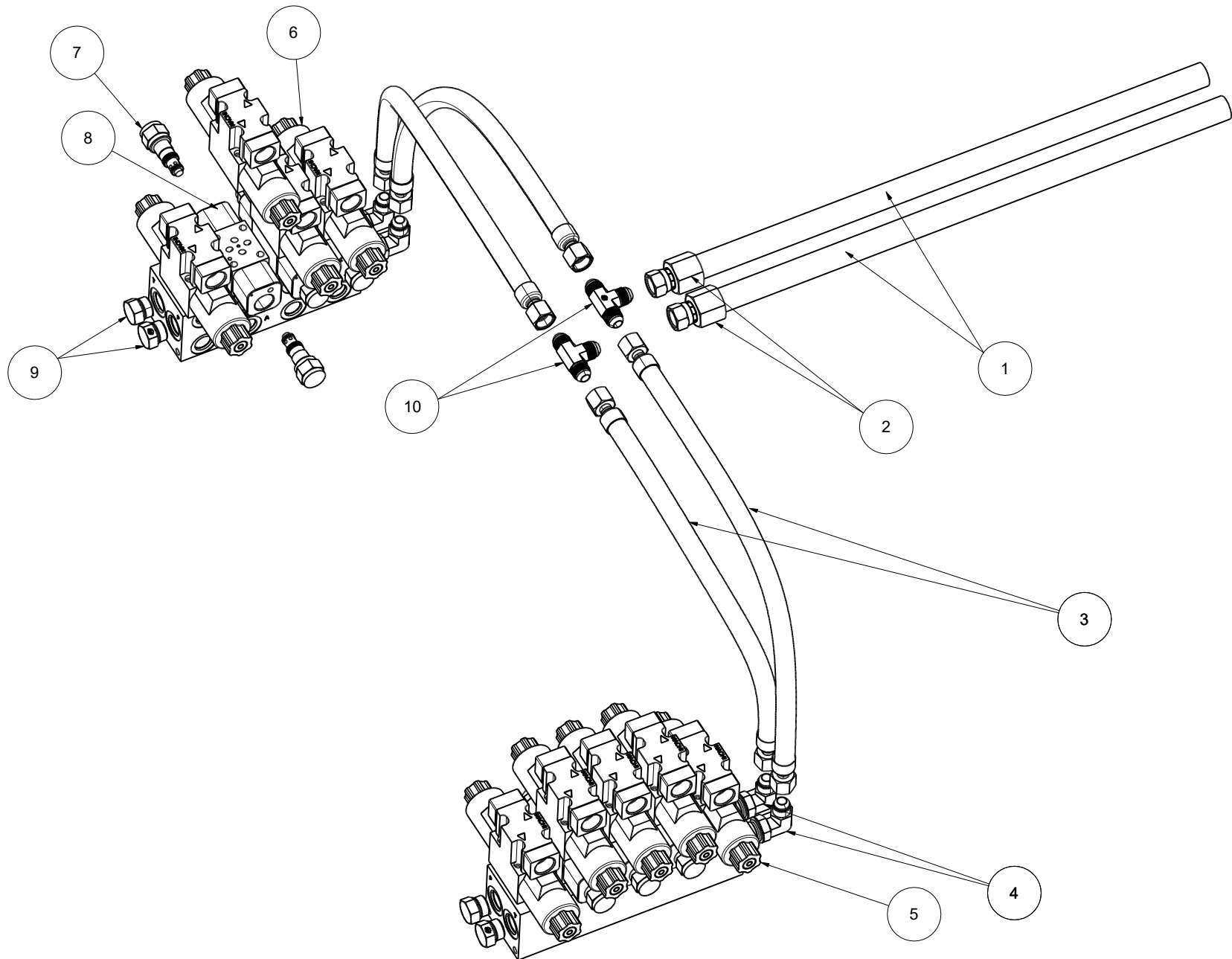


Case Drain Line

Item#	Part Number	Part Name	Quantity
1	6801-16-12	Hydraulic Elbow	1
2	6602-16-16-16	Hydraulic Tee	1
3	2406-16-04	Hydraulic Adapter	1
4	6600-04-04-04	Hydraulic Tee	1
5	6500-04-04	Hydraulic Elbow	1
6	HHA04X160-04FJX	1/4" x 160" Hydraulic Hose	1
7	HHA04X170-04FJX	1/4" x 170" Hydraulic Hose	1
8	6802-04-04	Hydraulic Elbow	1

Supply Lines

Hydraulic Control System

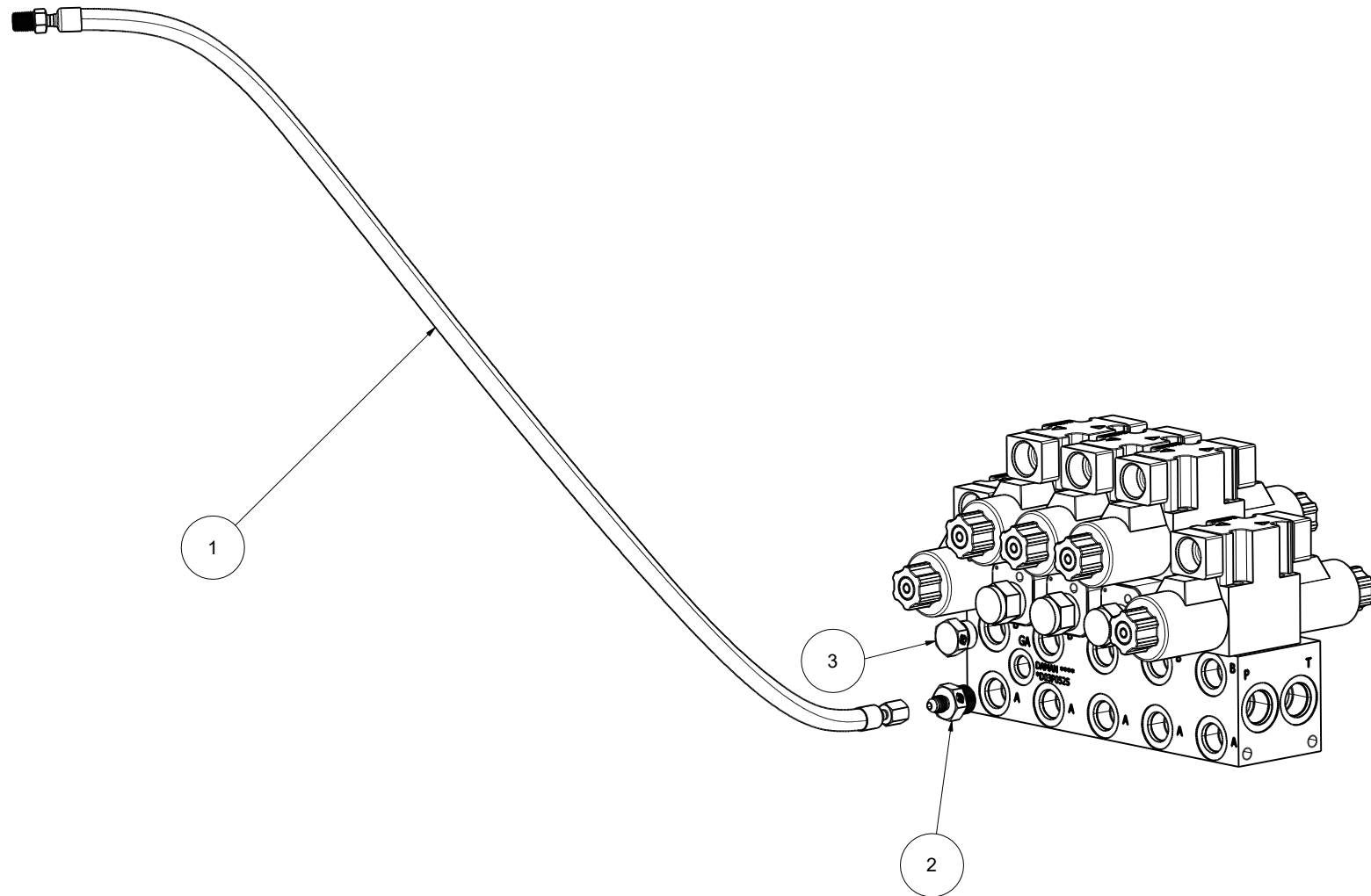


Supply Lines

Item#	Part Number	Part Name	Quantity
1	SHP12X176	1/2" x 176" Hydraulic Pipe	2
2	6506-12-08	Hydraulic Fitting	2
3	HHA08X22-08FJX	1/2" x 22" Hydraulic Hose	4
4	6801-08-10	Hydraulic Elbow	4
5	NASS-G01-C5-R-D1-E31	D03 Valve, Open Center	1
6	NASS-G01-C6-R-D1-E40	D03 Valve, Closed Center	8
7	CCPOCI-08-N-F-0-030	Check Valve Cartridge	12
8	SUEBY	D03 Double Load Control Subplate	6
9	6408-10	Hydraulic Plug	4
10	2603-08-08-08	Hydraulic Tee	2

Load Sense

Hydraulic Control System

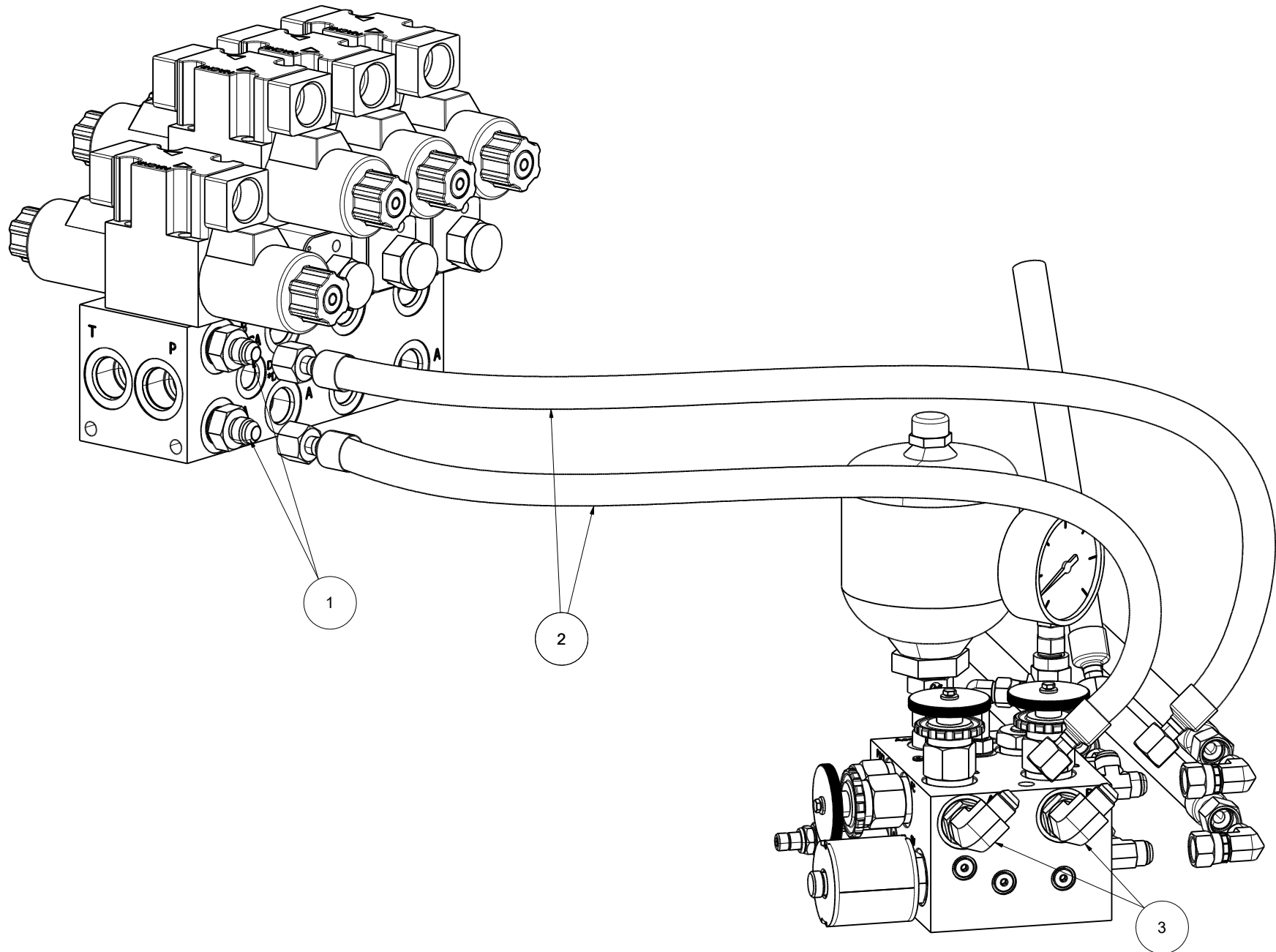


Load Sense

Item#	Part Number	Part Name	Quantity
1	HHA04X265-04FJX-04MP	1/4" x 265" Hydraulic Line	1
2	6400-04-08	Hydraulic Adapter	1
3	6408-08	Hydraulic Plug	1

Valve Block Supply

Header Lifting Hydraulics

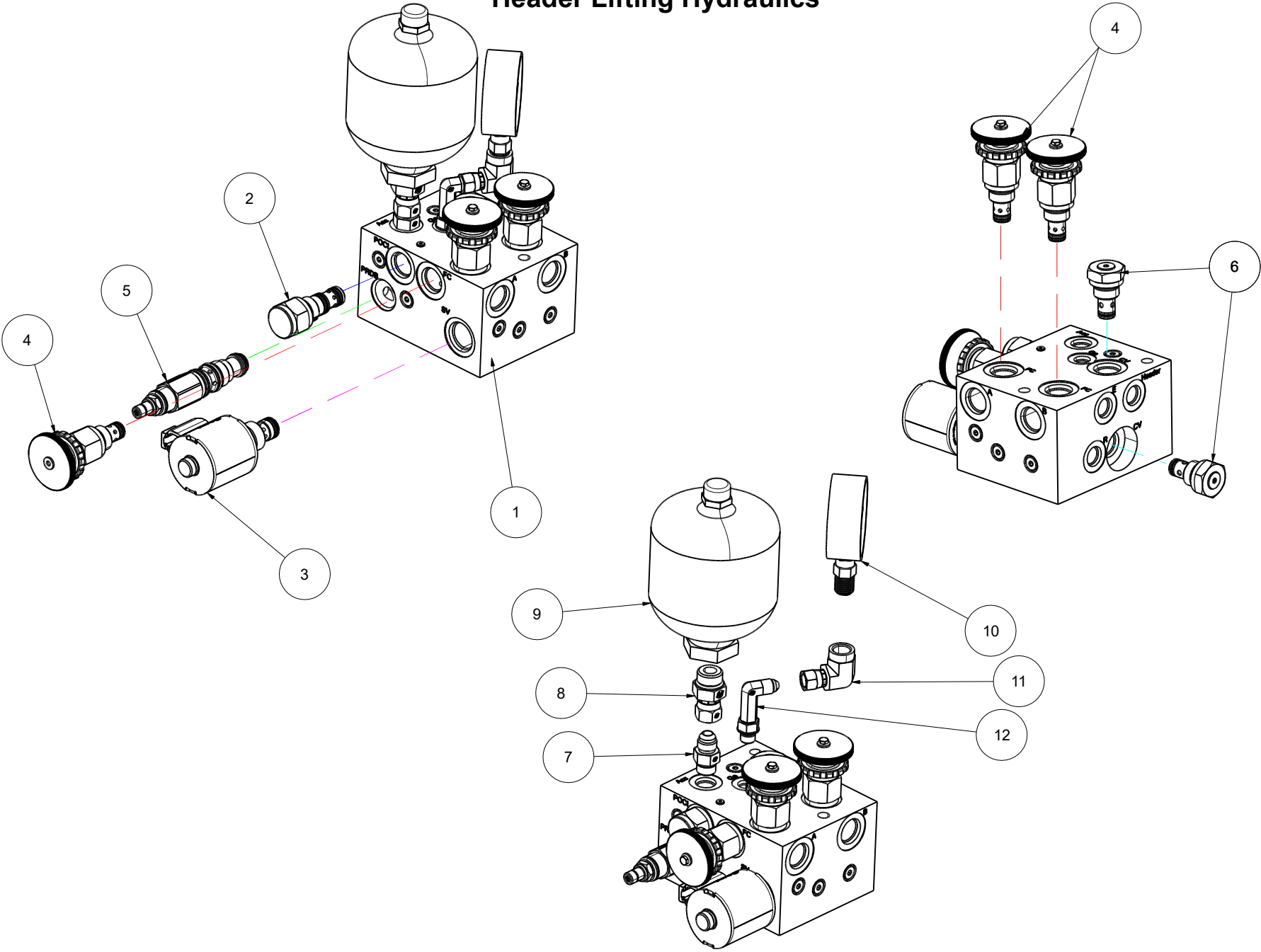


Valve Block Supply

Item#	Part Number	Part Name	Quantity
1	6400-06-08	Hydraulic Adapter	2
2	HHA06X22-06FJX	3/8" x 22" Hydraulic Line	2
3	6801-06-08	Hydraulic Elbow	2

Header Control Block

Header Lifting Hydraulics

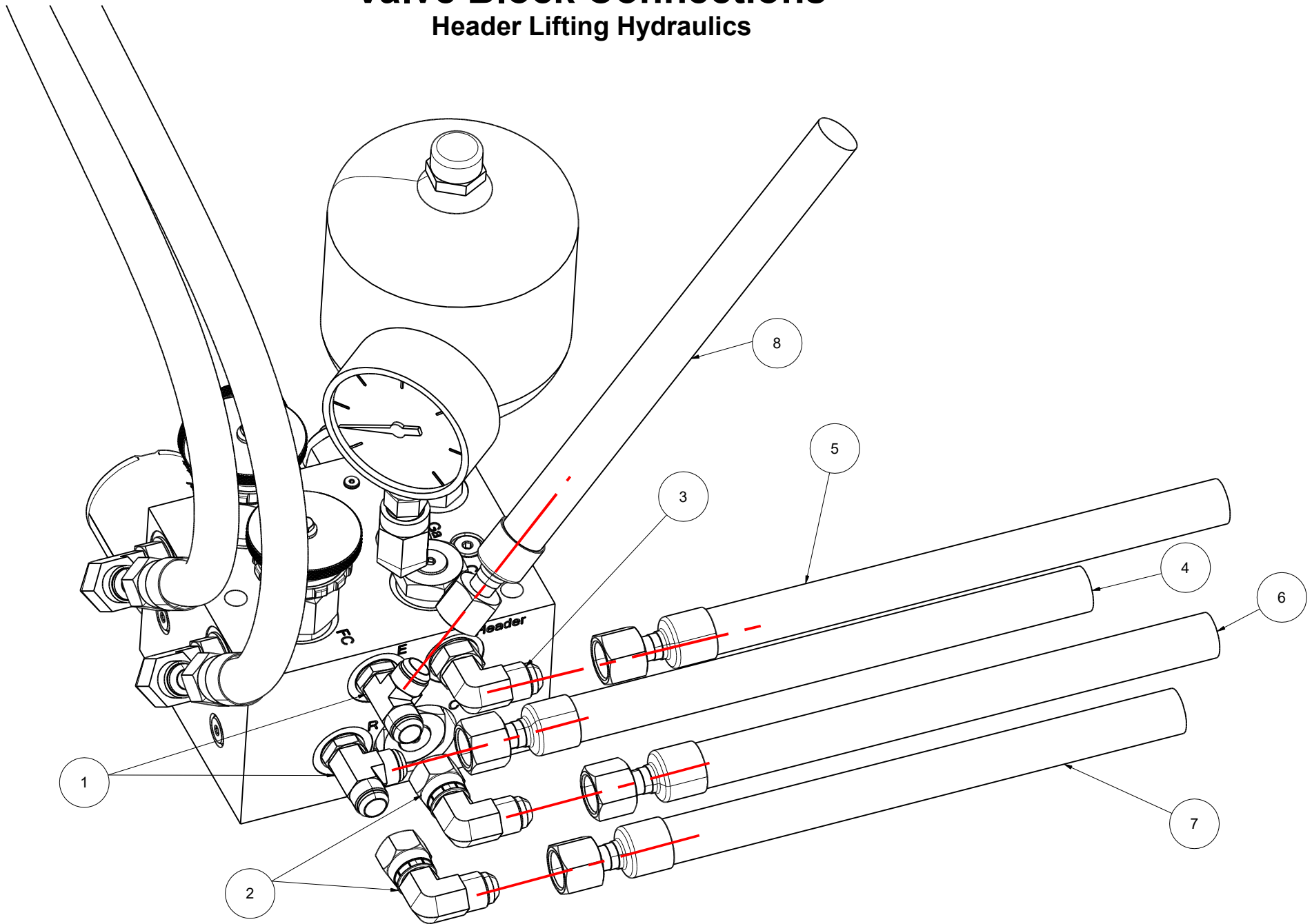


Header Control Block

Item#	Part Number	Part Name	Quantity
1	F2831	Valve Manifold	1
2	CCPOCI-08-N-F-0-030	Pilot Operated Check Valve	1
3	DEDSV2-100-2NOS-N	Poppet Valve Cartridge, Normally Open	1
4	FCVL-08-F-M-OUT	Flow Control Valve	3
5	PRDB-LAN	Direct Acting, Pressure Reducing/Relieving Valve	1
6	CVFB-08	Check Valve	1
7	6400-06-06	Hydraulic Adapter	1
8	6402-08-06	Hydraulic Adapter	1
9	ALDA050-30-S-F-H-M-01	Diaphragm Accumulator, .5 Liter, #8 Ports	1
10	GG4000	Pressure Gauge	1
11	6503-04-04	Hydraulic Elbow	1
12	6801-04-04L	Hydraulic Elbow, Long	1

Valve Block Connections

Header Lifting Hydraulics

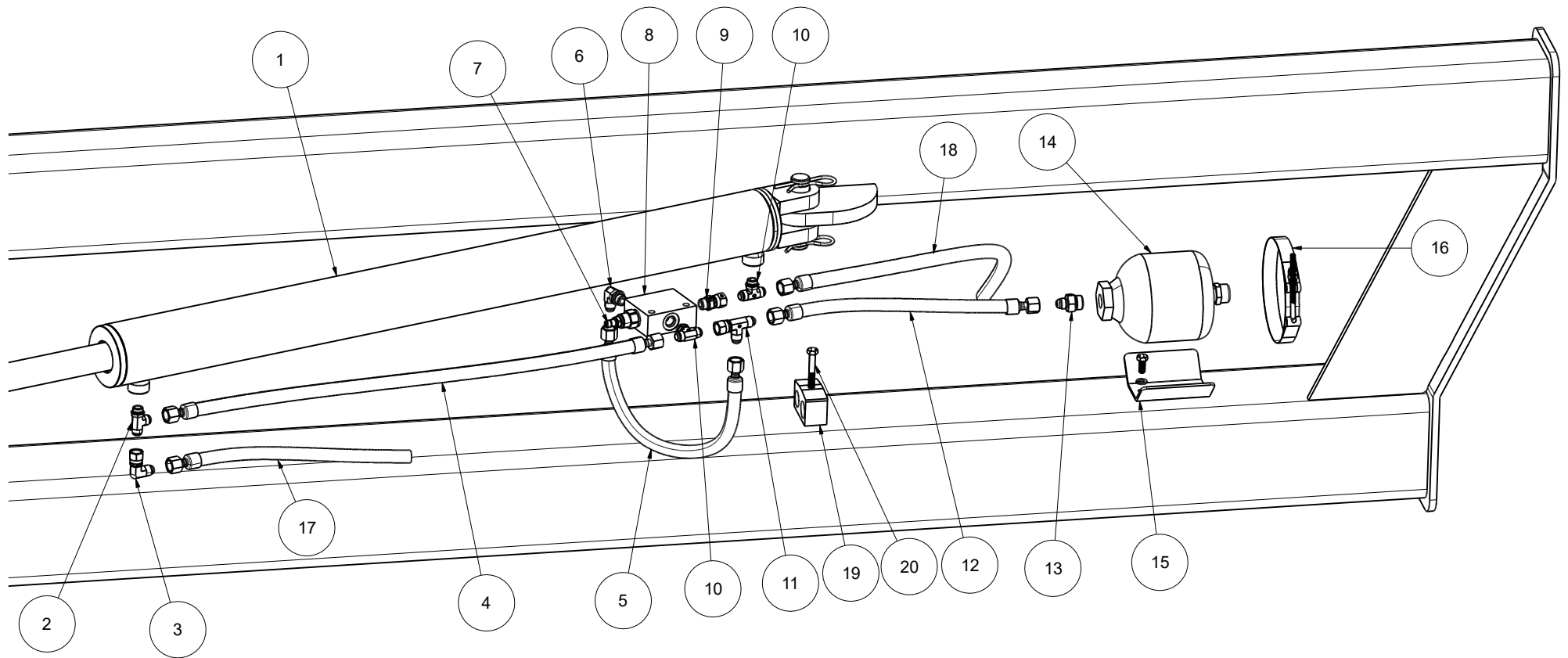


Valve Block Connections

Item#	Part Number	Part Name	Quantity
1	6804-06-06-06	Hydraulic Tee	2
2	6500-06-06	Hydraulic Elbow	2
3	6801-06-06	Hydraulic Elbow	1
4	HHA06X40-06FJX	3/8" x 40" Hydraulic Line, Main Cyl. Retract	1
5	HHA06X205-06FJX	3/8" x 205" Hydraulic Line, Header Lift	1
6	HHA06X215-06FJX	3/8" x 215" Hydraulic Line, Swing Cyl. Extend	1
7	HHA06X250-06FJX	3/8" x 250" Hydraulic Line, Swing Cyl. Retract	1
8	HHA06X22-06FJX	3/8" x 22" Hydraulic Line, Main Cyl. Extend	1

Swing Cylinder

Header Lifting Hydraulics

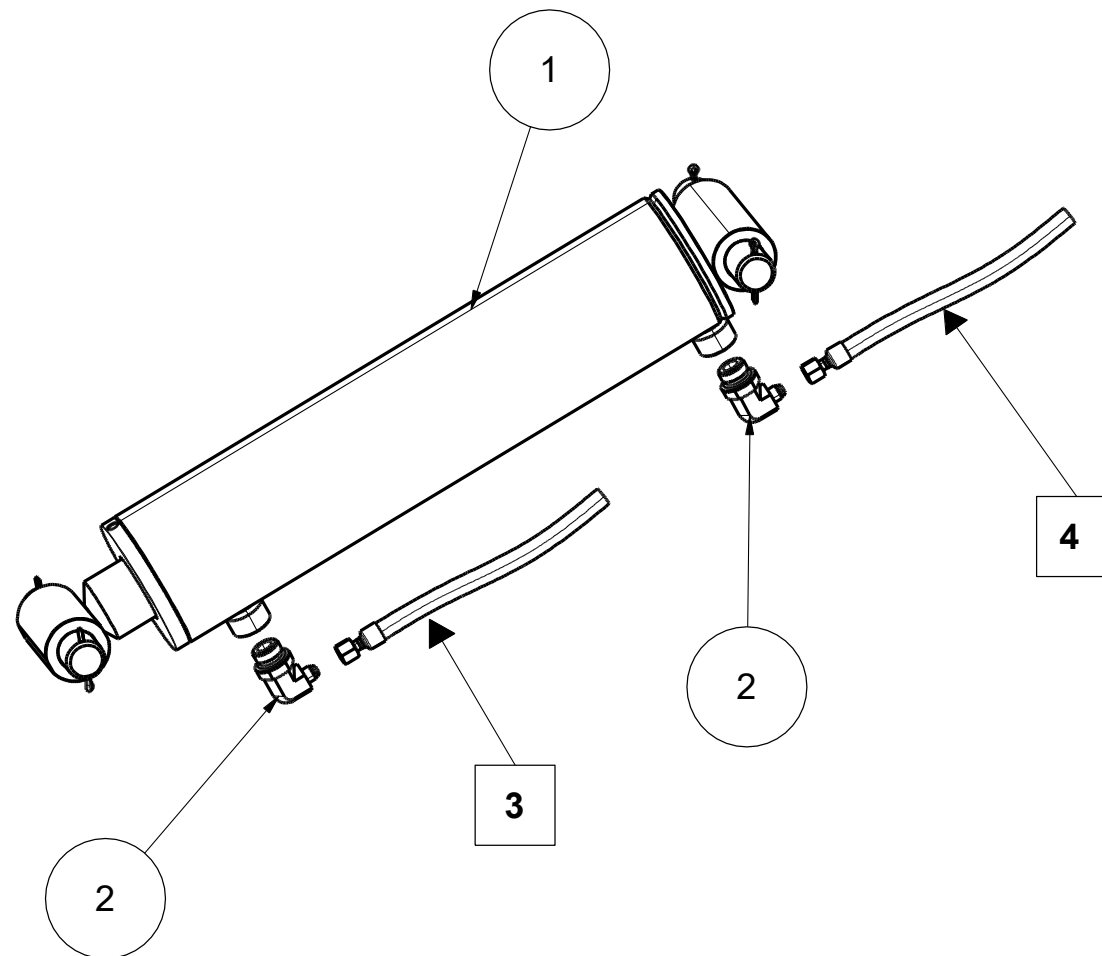


Swing Cylinder

Item#	Part Number	Part Name	Quantity
1	CY3034.5BP	3" x 34.5" Hydraulic Cylinder	1
2	6804-06-08-06	Hydraulic Tee	1
3	6500-06-06	Hydraulic Elbow	1
4	HHA06X30-06FJX	3/8" x 30" Hydraulic Line	1
5	HHA06X12-06FJX	3/8" x 12" Hydraulic Line	1
6	6801-06-06	Hydraulic Elbow	1
7	SQDB-LAN	Kickdown Valve Cartridge, T-11A Cavity	1
8	BMECI	Valve Body, T-11A Cavity, #6 SAE Ports	1
9	6402-06-06	Hydraulic Adapter	1
10	6803-06-06-06	Hydraulic Tee	1
11	6602-06-06-06	Hydraulic Tee	1
12	HHA06X22-06FJX	3/8" x 22" Hydraulic Line	1
13	6400-06-08	Hydraulic Adapter	1
14	SCSTDA-075-ECO-P3-U-M-N	Accumulator, 0.75 Liter, Precharged to 750 PSI	1
15	3869P	Accumulator Mount Bracket	1
	H5C516X1	5/16" x 1" Hex Bolt	2
	LW516	5/16" Lock Washer	2
16	TB500	T-Bolt Clamp, 5" - 5-5/16"	1
17	HHA06X250-06FJX	3/8" x 250" Hydraulic Line, Retract	1
18	HHA06X215-06FJX	3/8" x 215" Hydraulic Line, Extend	1
19	T3015S	1/2" Twin Hose Clamp	1
20	H5C516X2	5/16" x 2" Hex Bolt	1

Main Cylinder

HCS - Header Lifting/Holding

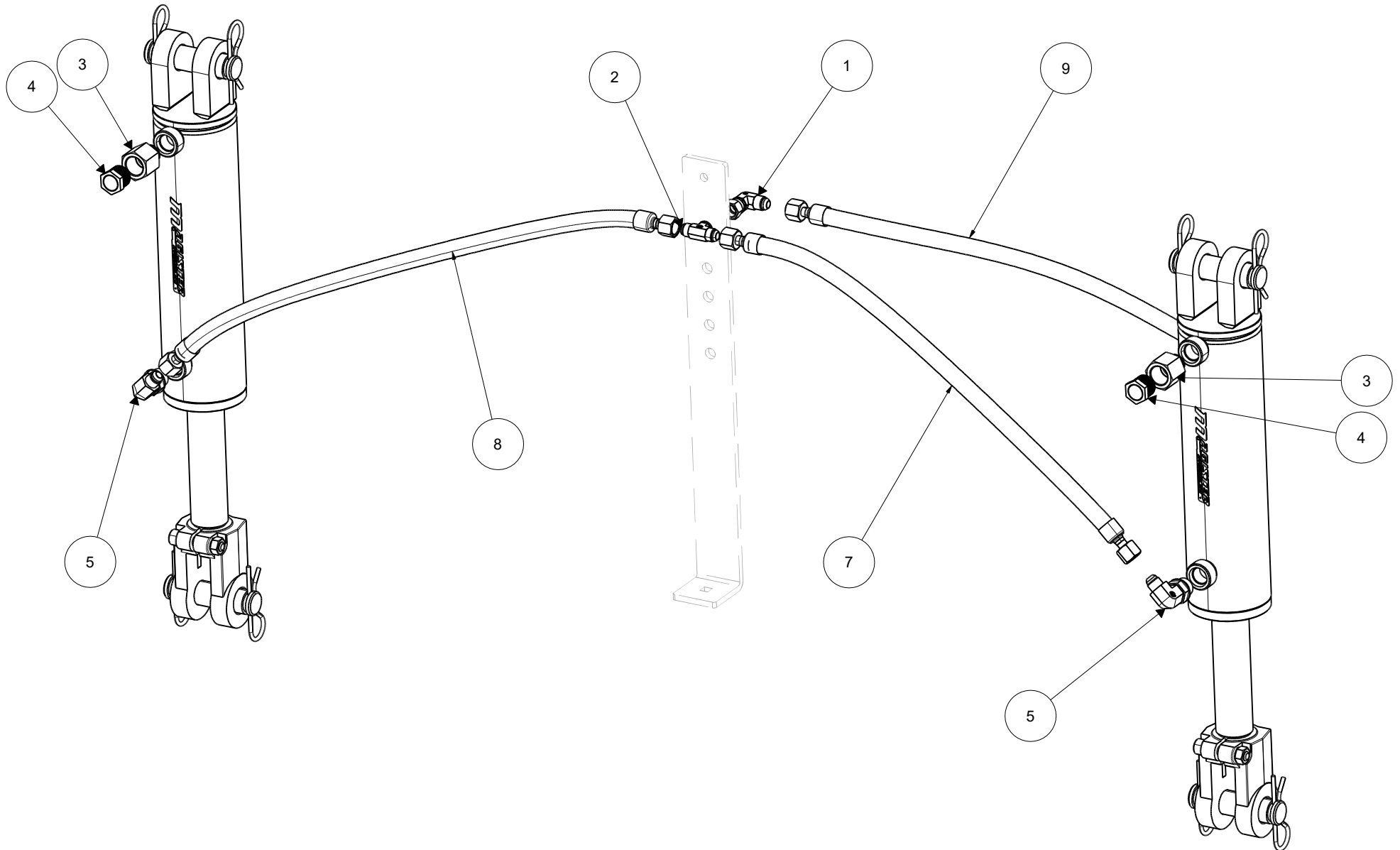


Main Cylinder

Item#	Part Number	Part Name	Quantity
1	CY5018MWCT	5" x 18" Welded Clevis Cylinder	1
2	6801-06-12	Hydraulic Elbow	1
3	HHA06X40-06FJX	3/8" x 40" Hydraulic Line	1
4	HHA06X22-06FJX	3/8" x 22" Hydraulic Line	1

Lifting Cylinders

HCS - Header Lifting/Folding

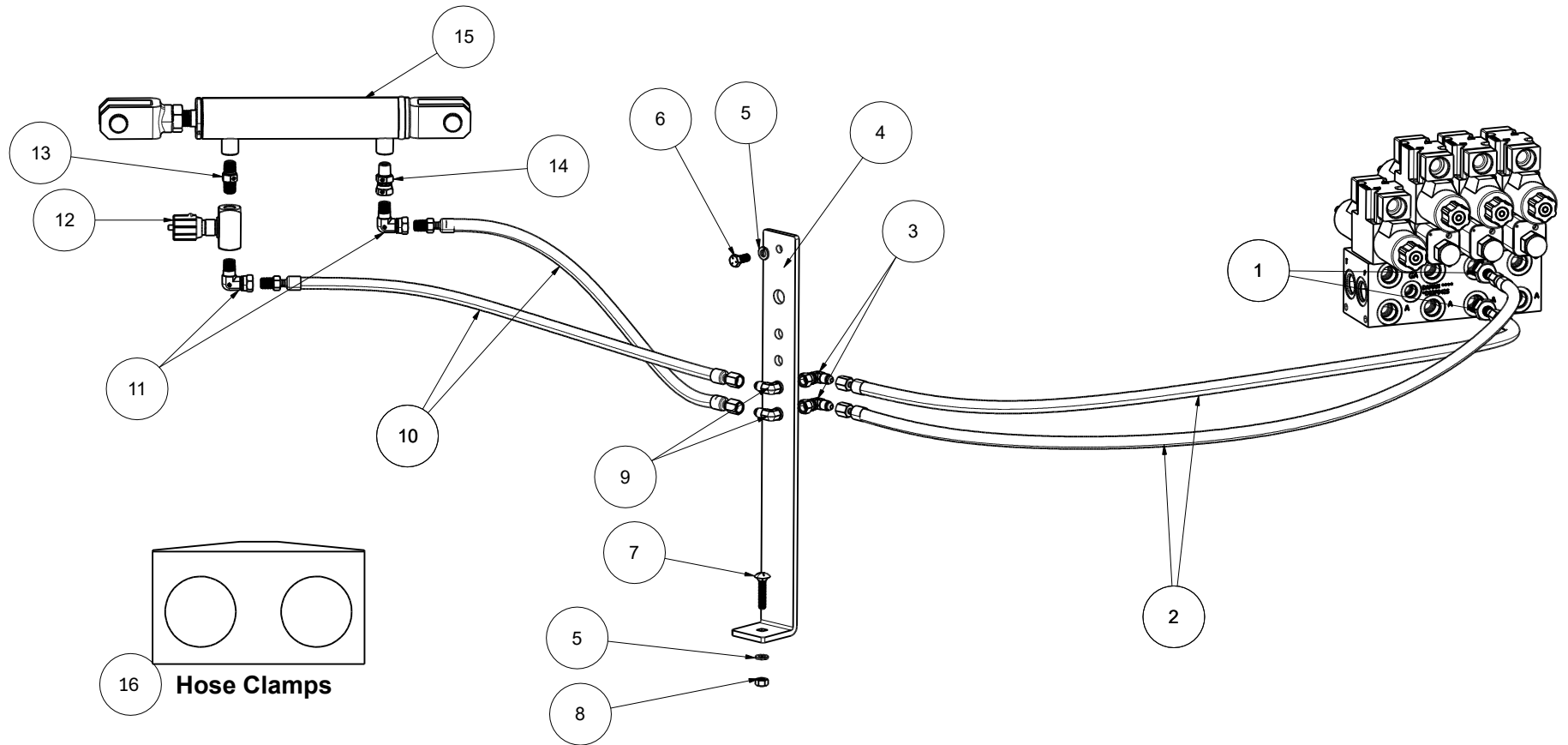


Lifting Cylinders

Item#	Part Number	Part Name	Quantity
1	6500-06-06	Hydraulic Elbow	1
2	2703-06-06-06	Hydraulic Tee w/ Bulkhead Nut	1
3	6405-08-08	Hydraulic Adapter	2
4	ARASP4BV	1/2" Breather	2
5	6801-06-08	Hydraulic Elbow	2
6	CY2508BPDM	2.5" x 8" Clevis End Cylinder	2
7	HHA06X65-06FJX	3/8" x 65" Hydraulic Line, Outside Lift Cylinder	1
8	HHA06X55-06FJX	3/8" x 55" Hydraulic Line, Inside Lift Cylinder	1
9	HHA06X210-06FJX	3/8" x 210" Hydraulic Line, Block To Bulkhead	1

Windrow Curtain Hydraulics

Hydraulic Control System

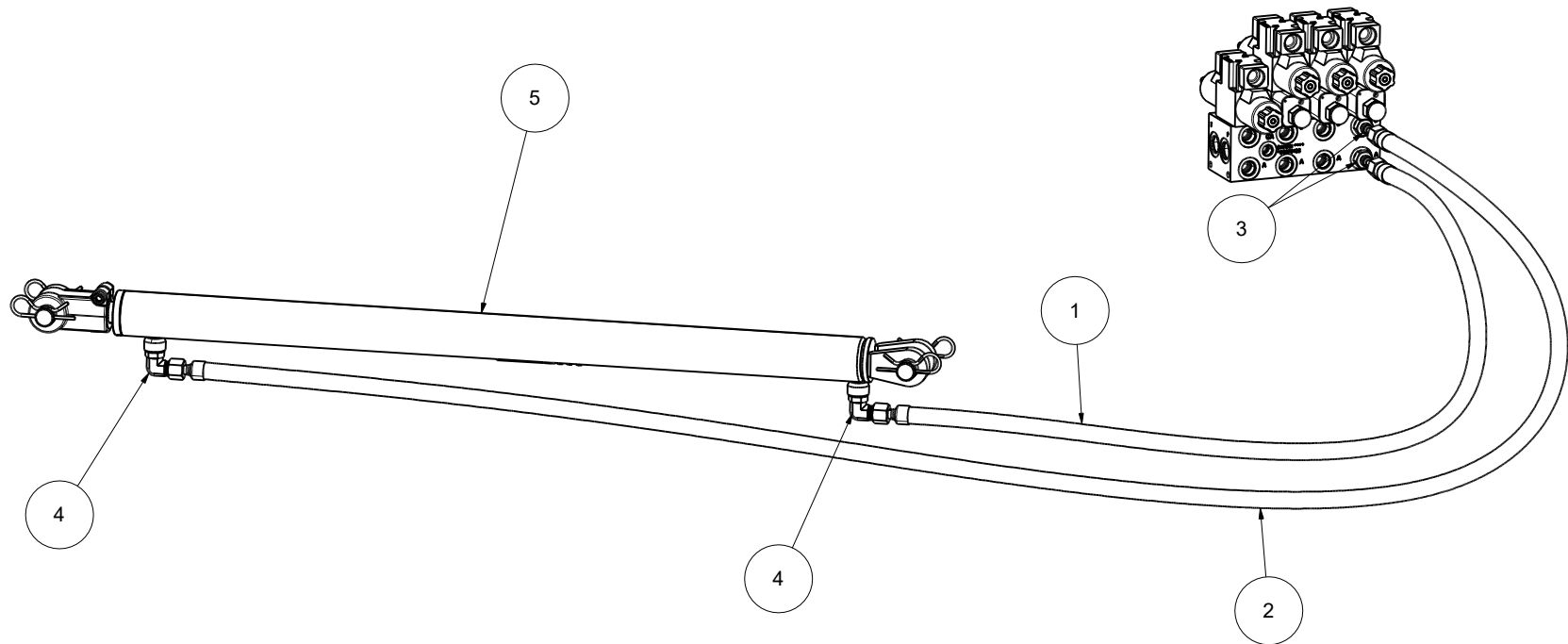


HCS - Windrow Curtain

Item#	Part Number	Part Name	Quantity
1	6400-04-08	Hydraulic Adapter	1
2	HHA04X220-04FJX	1/4" x 220" Hydraulic Hose	2
3	6500-04-04	Hydraulic Elbow	2
4	3851P	Bulkhead Bracket	1
5	LW516	5/16" Lock Washer	2
6	H5C516X34	5/16" x 3/4" Hex Bolt	1
7	CB516X112	5/16" x 1-1/2" Carriage Bolt	1
8	NC516	5/16" Hex Nut	1
9	2701-04-04	Hydraulic Bulkhead Adapter	2
10	HHA04X137-04FJX	1/4" x 137" Hydraulic Line	2
11	1501-04-04	Hydraulic Adapter	2
12	SCNDV-8-2	1/4" Needle Valve	1
13	5404-04-04	Hydraulic Adapter	1
14	1404R04-04-032	Hydraulic Restrictor Fitting	1
15	CY1506B-ADJ	Hydraulic Cylinder 1-1/2" x 6"	1
16	T2008S	Twin Clamp For 1/4" Hydraulic Hose	1

Sliding Hydraulics

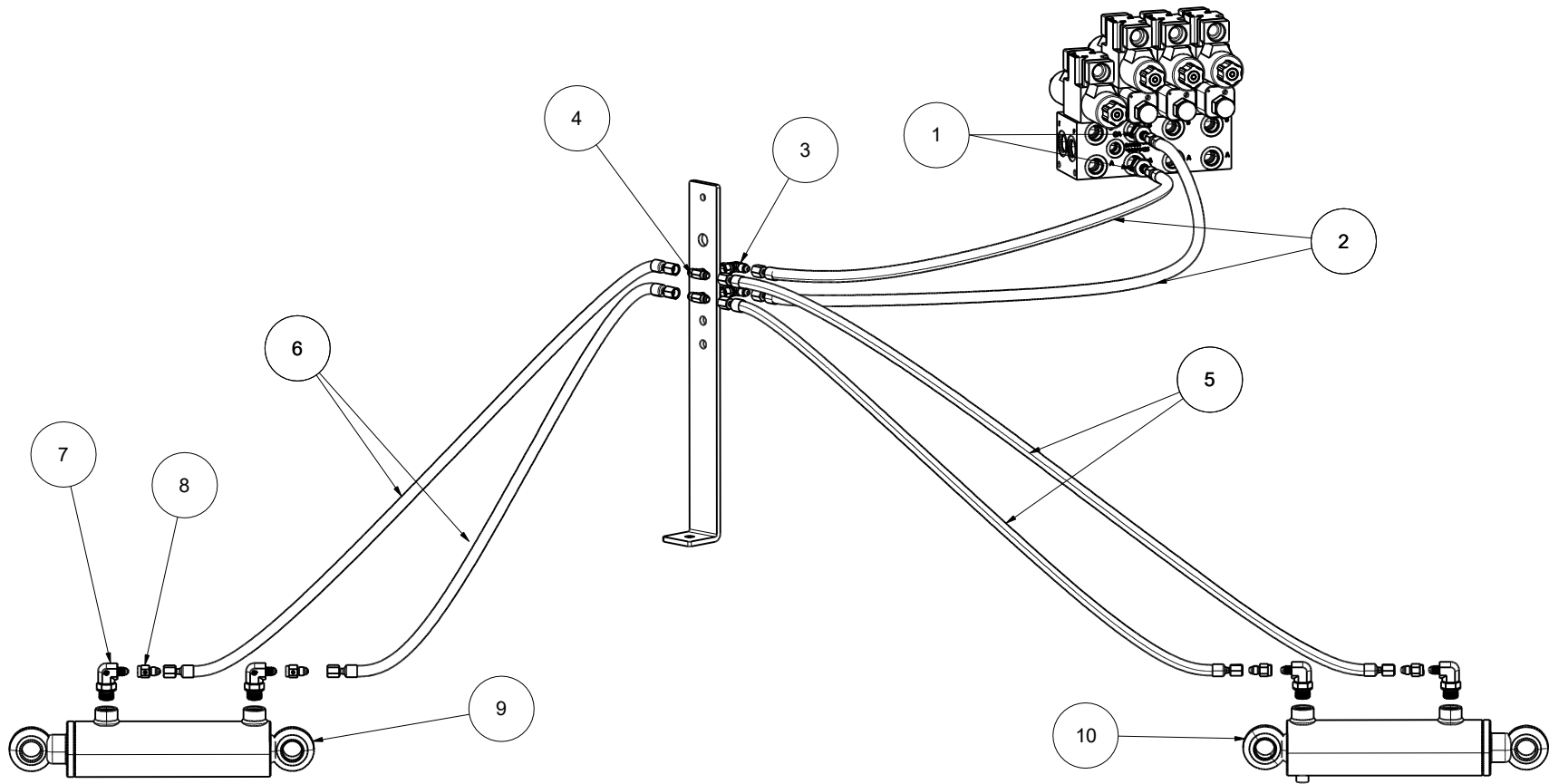
Hydraulic Control System



Sliding Hydraulics

Item#	Part Number	Part Name	Quantity
1	HHA06X125-06FJX	3/8" x 125" Hydraulic Line	1
2	HHA06X170-06FJX	3/8" x 170" Hydraulic Line	1
3	6400-06-08	Hydraulic Adapter	2
4	6801-06-08	Hydraulic Elbow	2
5	CY3042MWCT	3" x 42" Welded Cross Tube Cylinder	1

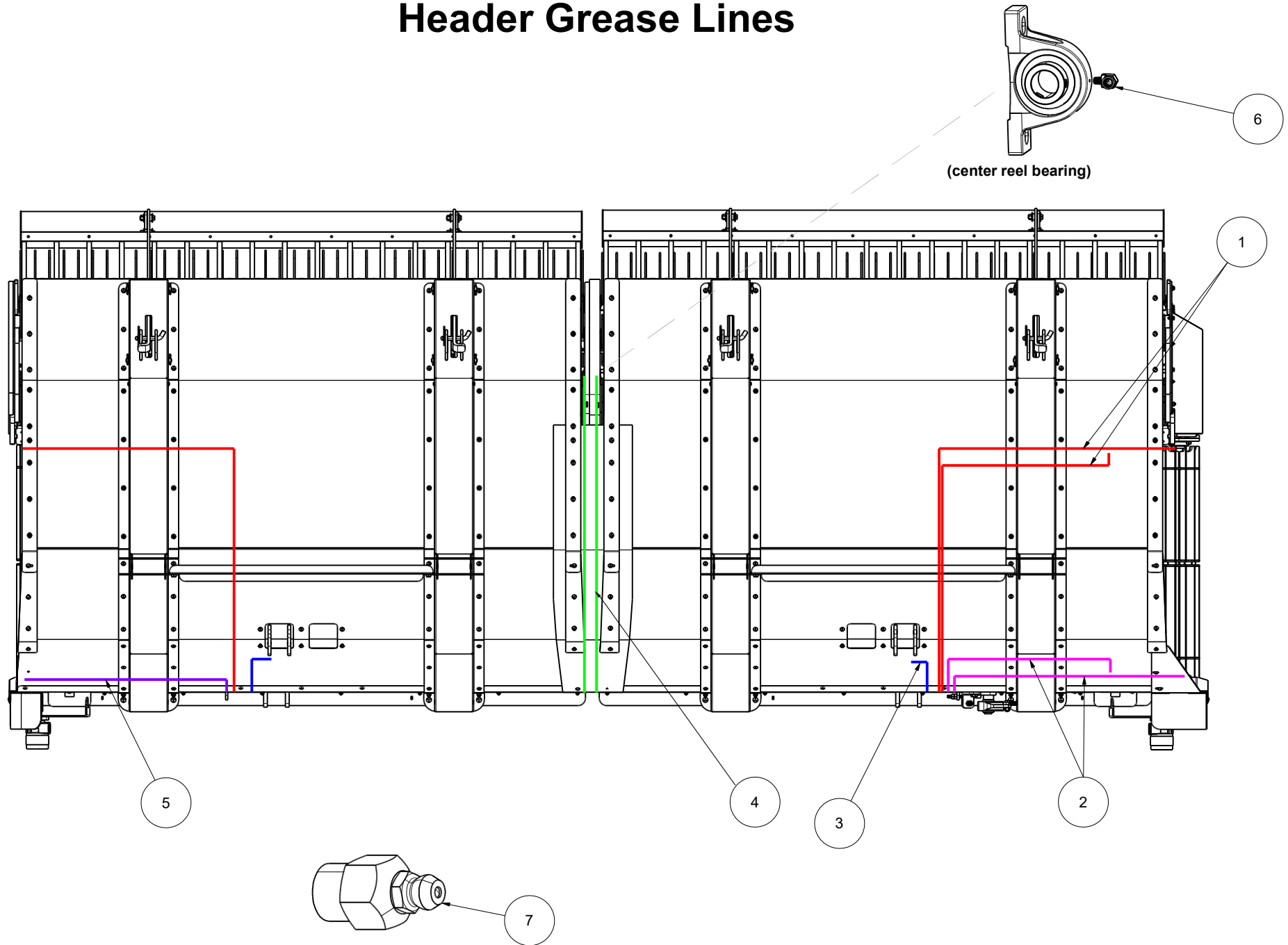
Header Tilt Hydraulics



Header Tilt Hydraulics

Item#	Part Number	Part Name	Quantity
1	6400-04-08	Hydraulic Adapter	2
2	HHA04X220-04FJX	1/4" x 220" Hydraulic Hose Assembly	2
3	6500-04-04	Hydraulic Elbow	2
4	2703-04-04-04	Hydraulic Bulkhead Fitting	2
5	HHA04X50-04FJX	1/4" x 50" Hydraulic Hose Assembly, Inner Cyl. Hose	2
6	HHA04X60-04FJX	1/4" x 60" Hydraulic Hose Assembly, Outer Cyl. Hose	2
7	6801-04-08	Hydraulic Elbow	2
8	2406-04-04-.032R	Hydraulic Adapter w/ Orifice	2
9	CY2506BPDM	2.5" x 6" Hydraulic Cylinder	1
10	CY2506ITSBPDM	2.5" x 6" Hydraulic Cylinder w/ Internal Sensor	1

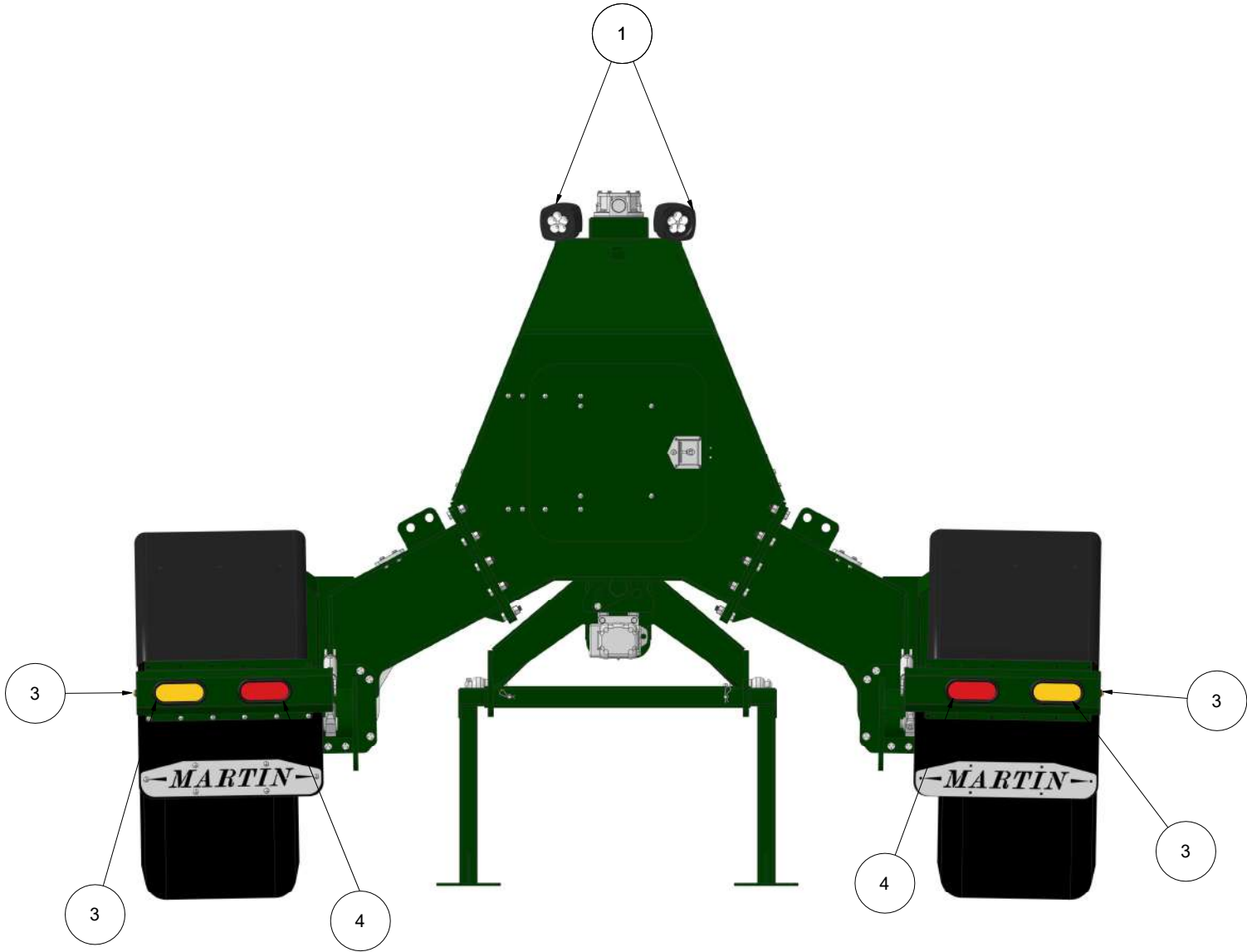
Header Grease Lines



Header Grease Lines

Item#	Part Number	Part Name	Quantity
1	GHA18X68-18MP	1/8" x 68" Grease Line, Front Inner & Outer Roller Bearing	2
2	GHA18X52-18MP	1/8" x 52" Grease Line, Rear Outer Roller Bearing	1
3	GHA18X28-18MP	1/8" x 28" Grease Line, Lift Arm	2
4	GHA18X62.5-18MP	1/8" x 62.5" Grease Line, Pickup Reel Bearing	2
5	GHA18X36-18MP	1/8" x 36" Grease Line, Rear Inner Roller Bearing	1
6	5502-01-02	Adapter	2
7	GF 110	Grease Fitting, 1/8" FPT	8

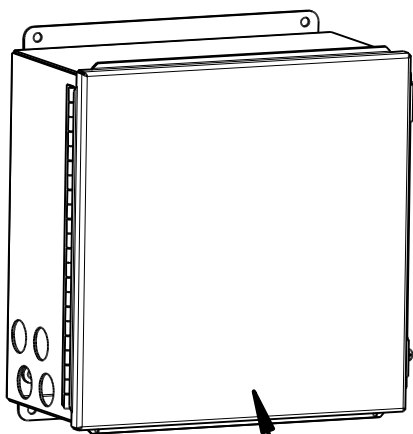
Lights



Lights

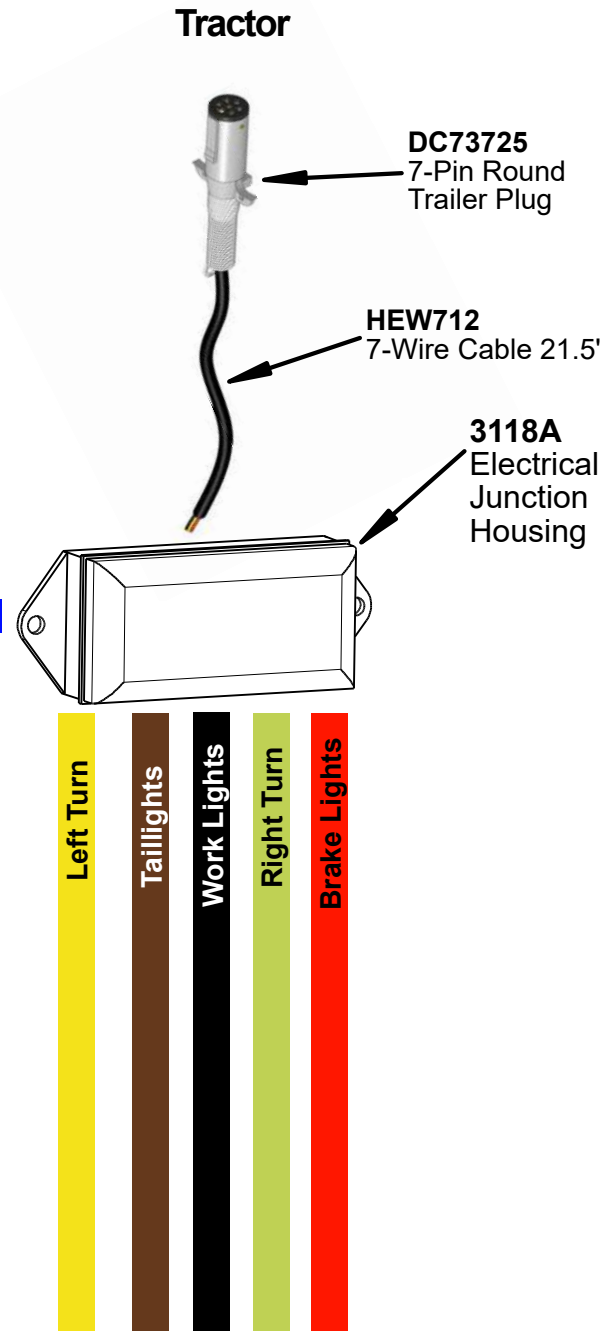
Item#	Part Number	Part Name	Quantity
1	TL500WF	LED Tiger Light, Wide Flood Pattern	2
2	571LD33A3	3/4" Amber Marker Light	2
3	571LD60A10K	LED Amber F/P/T Light, Oval	2
4	571LD60R15MVK	LED Red S/T/T Light , Oval	2

3240 Electrical Diagram



B12106CH
Electric
Control
Housing

HEW142
2-Wire Cable
Control Box Power



Junction Box on Merger

Tractor Inputs

12V In	12V In	12V Out	GND	GND	GND	GND	GND	12V Control	Power Switch	1. Joystick Up	2. Joystick L	3. Joystick R	4. Joystick Dn	5. L Curtain Up	6. L Curtain Dn	7. R Curtain Up	8. R Curtain Dn	9. L Slide Up	10. L Slide Dn	11. R Slide Up	12. R Slide Dn	13. L Skid Up	14. R Skid Up	15. L Skid Dn	16. R Skid Dn	17. L Head In	18. R Head In	19. L Head Up	20. R Head Up	21. L Head Dn	22. R Head Dn	23. L Head Timer+	24. L Head Timer-	25. Hdr. A Stop
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Merger Inputs

Input 28	Input 29	Input 30	Input 31	12V	Left 32	GND	12V	Right 33	GND	12V	Head Slide Left Limit	12V	Head Slide Right Limit	GND	12V	Head Stow Left Limit	12V	Head Stow Right Limit	GND	12V	Input 36	GND	12V	Input 37	GND	12V	Input 38	GND	Spare	12V	Analog 1	GND	12V	Analog 2	GND	12V	Analog 3	GND	12V	Analog 4	GND
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Merger Outputs

A 1	GND	B 2	GND	A 3	GND	B 4	GND	Up 5	GND	Down 6	GND	Up 7	GND	Down 8	GND	Up 9	GND	Down 10	GND	Up 11	GND	Down 12	GND	In 13	GND	Out 14	GND	In 15	GND	Out 16	GND	Up 17	GND	Down 18	GND	Up 19	GND	Down 20	GND	21	GND	22	GND	23	GND	Output 24	GND	Output 25	GND	Output 26	GND
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PCB DIP SETTINGS

SW1.1	Head Lift Up Pos Teach (1>0)
SW1.2	Head Lift Dn Pos Teach (1>0)
SW1.3	Spare
SW1.4	Spare
SW2.1	OFF
SW2.2	OFF
SW2.3	Spare
SW2.4	Spare
SW3.1	Not Used
SW3.2	Not Used

PCB POT SETTINGS

VR1	Belt Pause Timer (0-5 sec)
VR2	Belt Resume Timer (0-10 sec)
VR3	Spare
VR4	Spare

For instructions on how the controls operate, including the Printed Circuit Board (PCB), consult the Description of Operation.

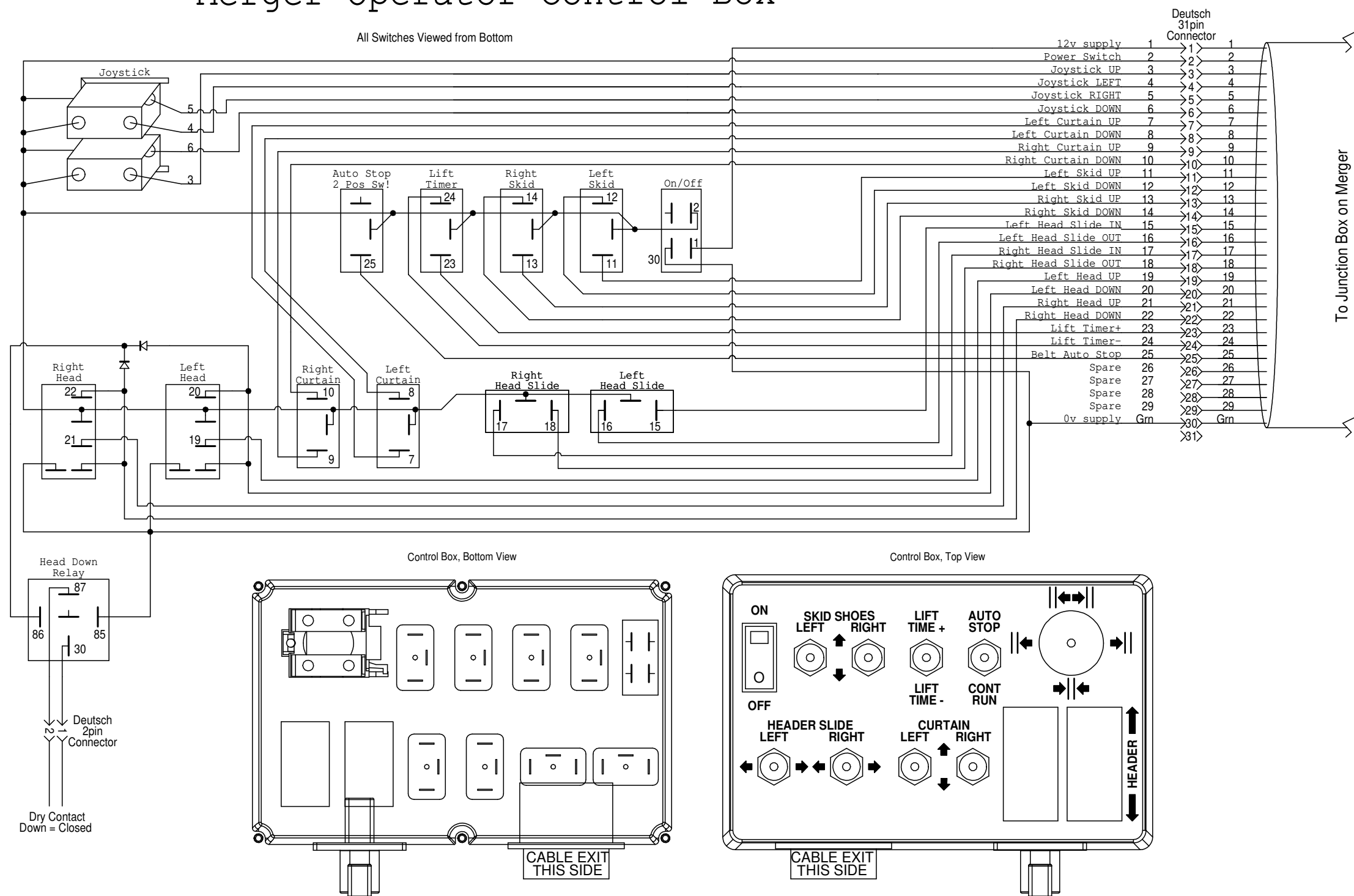
Spare Input & Output Assignment	
Input 24	
Input 25	
Input 26	
Input 27	
Input 28	
Input 29	
Input 30	
Input 31	
Input 36	
Input 37	
Input 38	
Analog In 3	
Analog In 4	
Output 24	
Output 25	
Output 26	

12V — Brn — 1 — IGS212 — 4 — Blk — Input Hi=On
GND — Blu — 3 —  — 2 — Wht — Not Connected

12V — Brn — 1 — [] — 4 — Blk — Not Connected
GND — Blu — 3 — [] — 2 — Wht — Analog Input
0.25 - 4.75v

Drawing Name	3240 Merger
	Electrical Schematic
Revision	Revision 1.1.0
Page	1 of 2
Page Name	Junction Box

Merger Operator Control Box

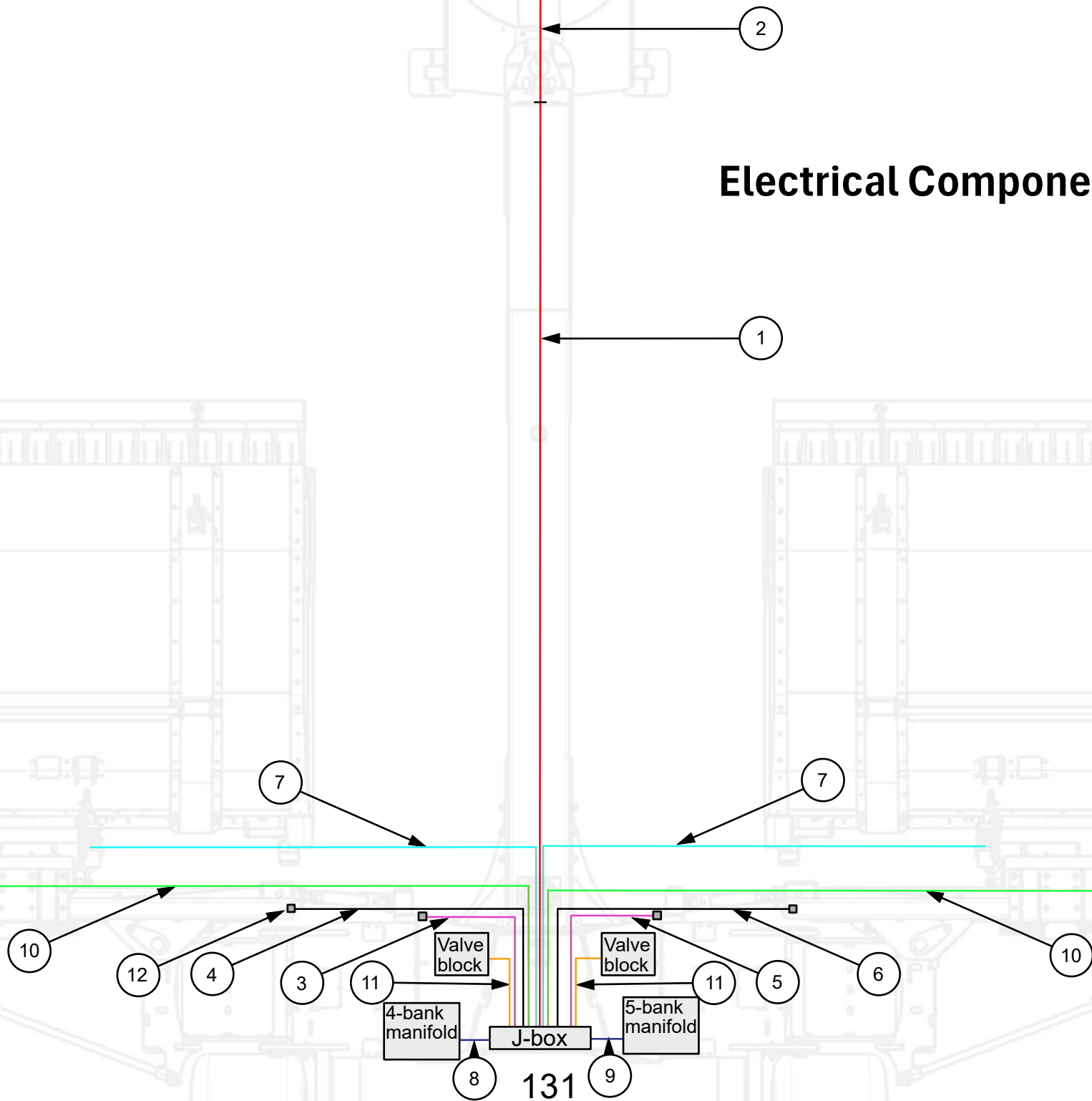


Drawing Name	3240 Merger
Revision	Revision 1.1.0
Page	2 of 2
Page Name	Control Box



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Electrical Components



Electrical Components

Item#	PN. Length	Part Name	Type	Qty.
1	3210.20.	Main J-box to Hitch Bulkhead Cable	PUR 20AWG/30c, w/ backshell	1
2	3211.13	Hitch Bulkhead to Control J-box	PUR 20AWG/30c, w/ backshell	1
3	3214.8	Main J-box to Left Hand Stow Sensor, 8'	M12 Acode, 90	1
4	3214.10.	Main J-box to Left Hand Slide Sensor 10' Length	M12 Acode, 90	1
5	3214.11	Main J-box to Right Hand Stow Sensor, 11'	M12 Acode, 90	1
6	3214.14	Main J-box to Right Hand Slide Sensor 14' Length	M12 Acode, 90	1
7	3215.40.	Main J-box to Skid Shoe Sensor	M12 Acode, 15m Straight	2
8	3112.5	Main J-box to 4 Bank Valves	TPE 18Awg/3c with Fork & Ferrules	4
9	3112.10.	Main J-box to 5 Bank Valves	TPE 18Awg/3c with Fork & Ferrules	5
10	3112.38	Main J-box to Belt Valves	TPE 18Awg/3c with Fork & Ferrules	2
11	3216.7	Main J-box to Stow Valve	TPE 18Awg/3c with Fork & Ferrules	2
12	3217	Inductive Proximity Sensor	IFM IGS212	4

	3220	Main J-box Assembly		1
		Includes Italicized Items Below		
	3221	<i>Junction box</i>		1
	3222	<i>J-box Interior Plate, with standoffs & tie points</i>		1
	3223	<i>Base Circuit Board</i>	Rev1	1
	3224	<i>Microcontroller</i>		1
	3225	<i>15A Fuse</i>		1
	3236	<i>12v SPDT Mini-ISO Relay</i>		1
	3142	<i>Cord Grip, 1 Hole, 1/2" Large</i>	Power In	1
	3227	<i>Cord Grip, 3/4"</i>	Control Cable	1
	3228	<i>Cord Grip, 5 Hole, 1"</i>	Valve & Sensor Cables	4

	3141	<i>Cord Grip, 1 Hole, 1/2" Small</i>	for Hydraulic Valves	11
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	3230	Control Box Assembly		1
		Includes Italicized Items Below		
	3231	<i>Control Box, Cut & Etched</i>	includes RAM mount	1
	3232	<i>On/Off (ON) Rocker Switch, Illuminated</i>		2
	3132	<i>On/Off Rocker Switch, Illuminated</i>		1
	3133	<i>2-Axis Joystick, Maintained</i>		1
	3134	<i>SPDT (On) Off (On) Bat Handle Toggle Switch</i>		7
	3233	<i>SPDT On Off Bat Handle Toggle Switch</i>		1
	3136	<i>Bat Handle Toggle Switch Boot</i>		8
	3234	<i>Main Connector & Wire Package</i>		1
	3235	<i>Deutsch 2P Connector Receptacle</i>	Acre Monitor Output	1
	3236	<i>12V SPDT Mini-ISO Relay</i>		1