
Manual # 99903555

3.1/22 Crane Parts

Revision Date 20030609



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3.1/22 Spare Parts Revisions

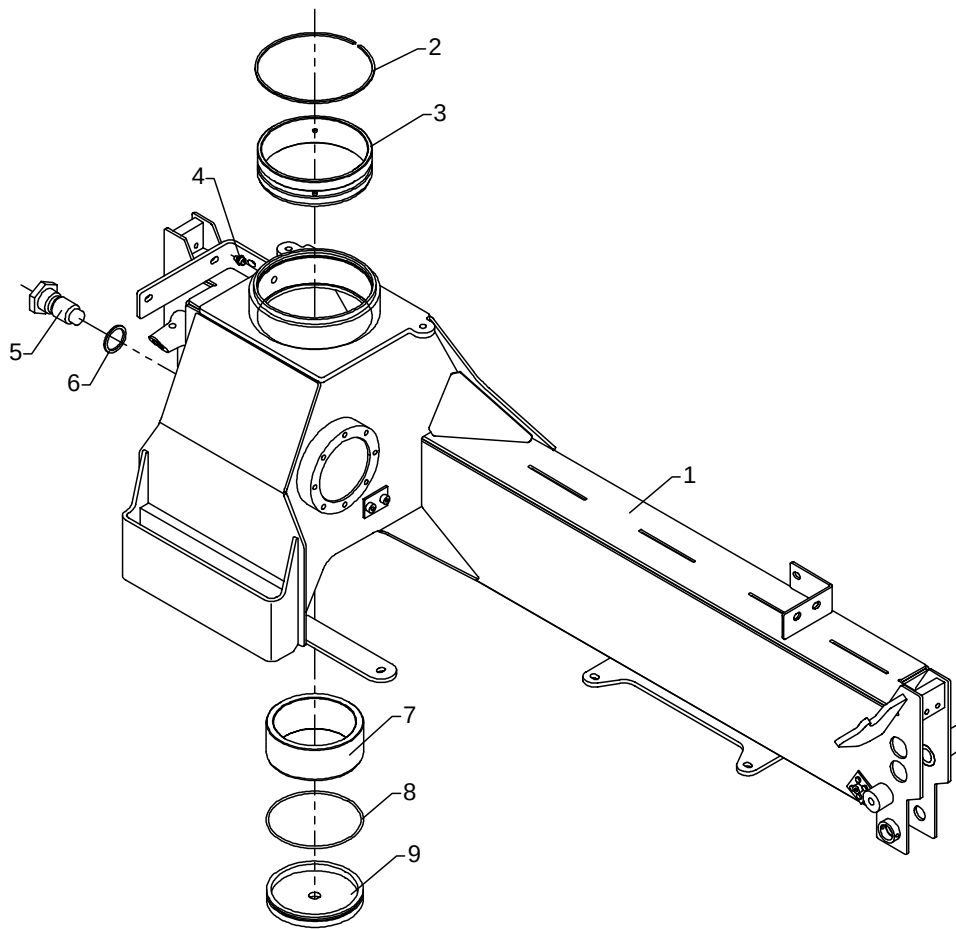
DATE	LOCATION	DESCRIPTION

Replacement Parts

Base

45301010

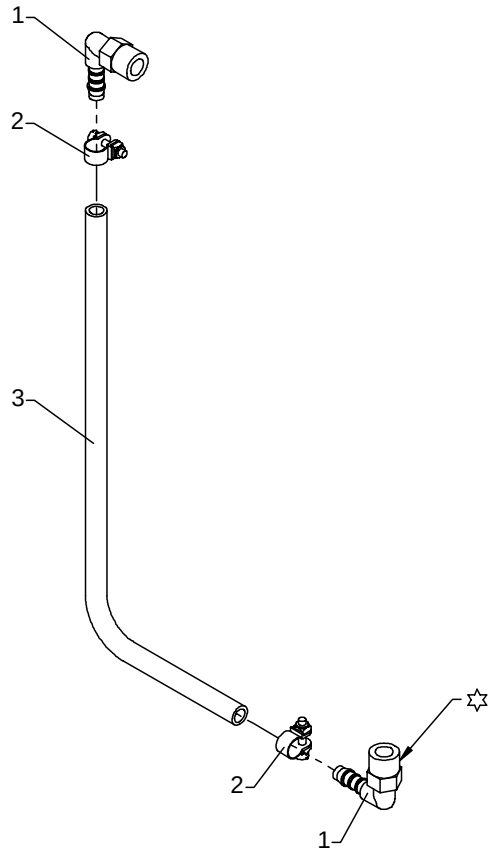
1.	1320001	Base	1
2.	33264	Spring Ring	1
3.	63687	Upper Bearing	1
4.	31318	Lubricator, 1/8" RG	1
5.	1320019	Screw	1
6.	21110	Seal Washer $\varnothing 30.8 \times 38.1 \times 2.34$	1
7.	63688	Lower Bearing	1
8.	20166	O-Ring 119.5 x 3 mm	1
9.	1320016	Cover	1



Oil Level Hose

45301015

1.	64500	Elbow WES 8/R-3/8"	2
2.	31452	Clamp	2
3.	62511	Plastic Hose 385 mm	1

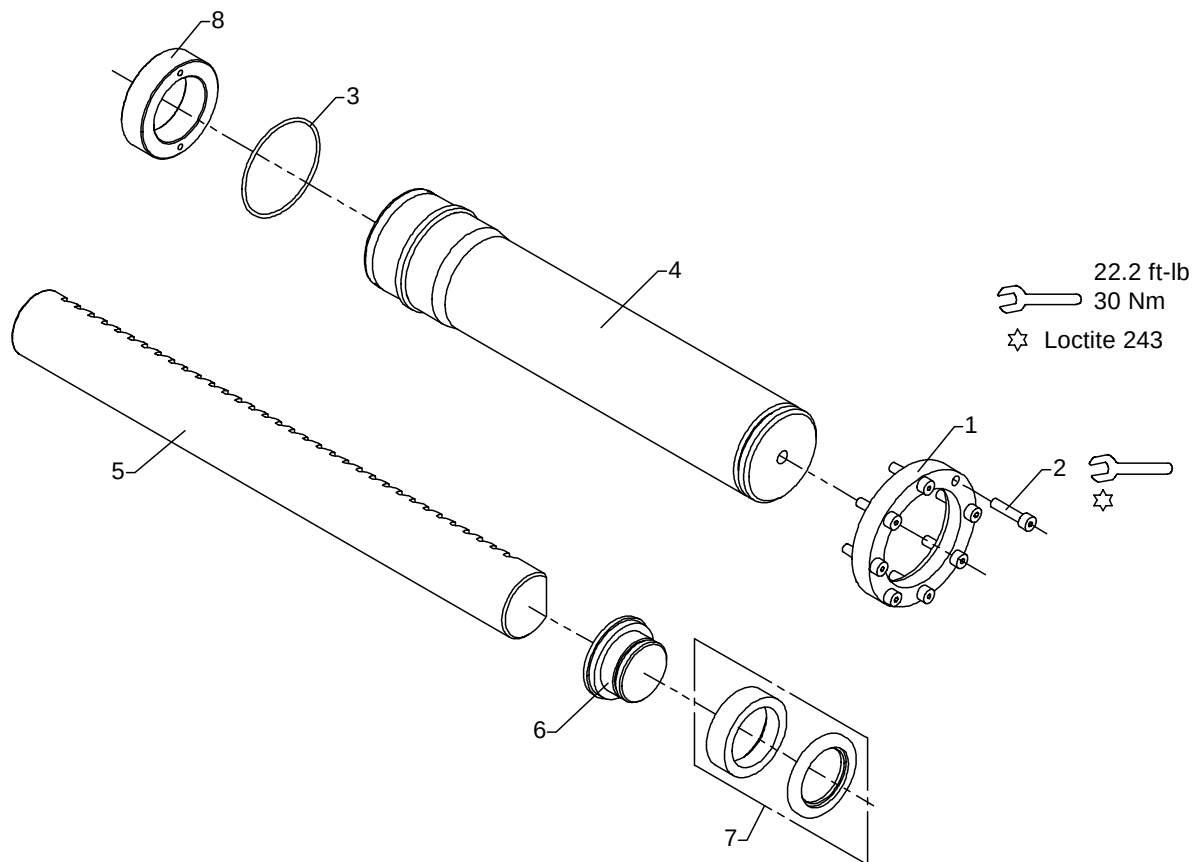


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Rotation System

45301020

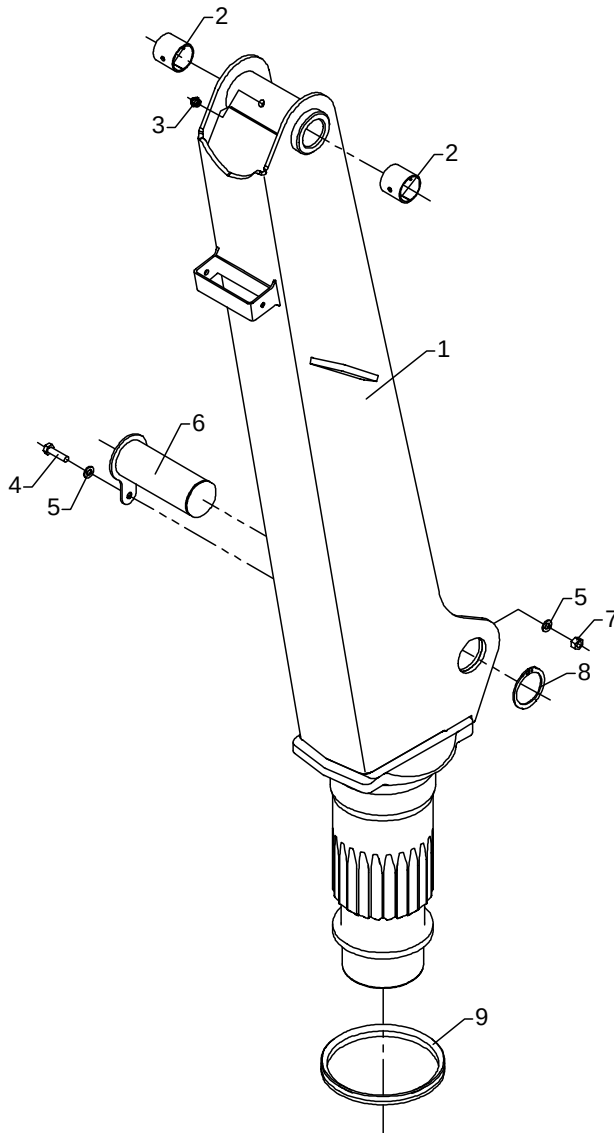
	6893530	Seal Kit (incl. 3,7)	2REF
1.	1320065	Flange	2
2.	30444	Screw MC8x35	16
3.	20190	O-Ring 84.5 x 3mm	2
4.	1320059	Cylinder Pipe	2
5.	1320064	Rack	1
6.	1320063	Piston	2
7.	22127	Seal w/Lock Ring SW+RR 75/55 x 14.5	2
8.	63690	Slide Bearing	2



Mast

45301030

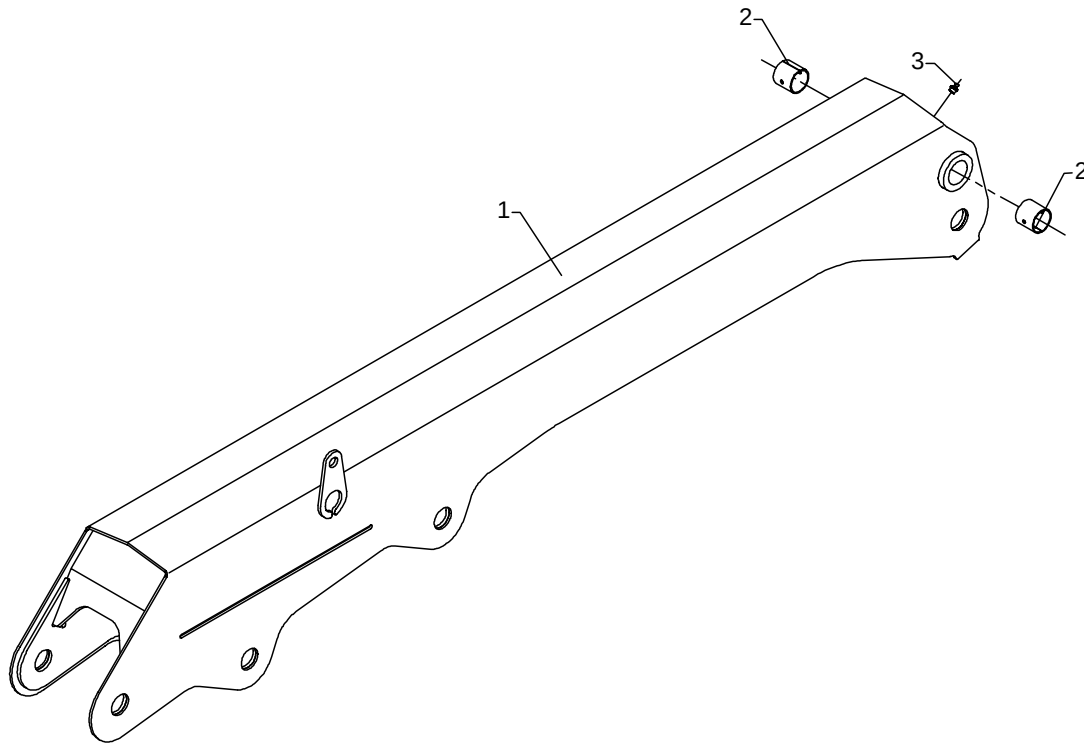
1.	1320048	Mast	1
2.	23313	Bushing PM 3535 DX	2
3.	31318	Lubricator 1/8" RG	1
4.	30135	Set Screw, SS M8 x 30	1
5.	31147	Washer, SS 8 mm	2
6.	1320129	Pin	1
7.	30886	Lock Nut, SS M8	1
8.	33129	Snap Ring 50U	1
9.	21934	V-ring VA-0160	1



Inner Boom

45302010

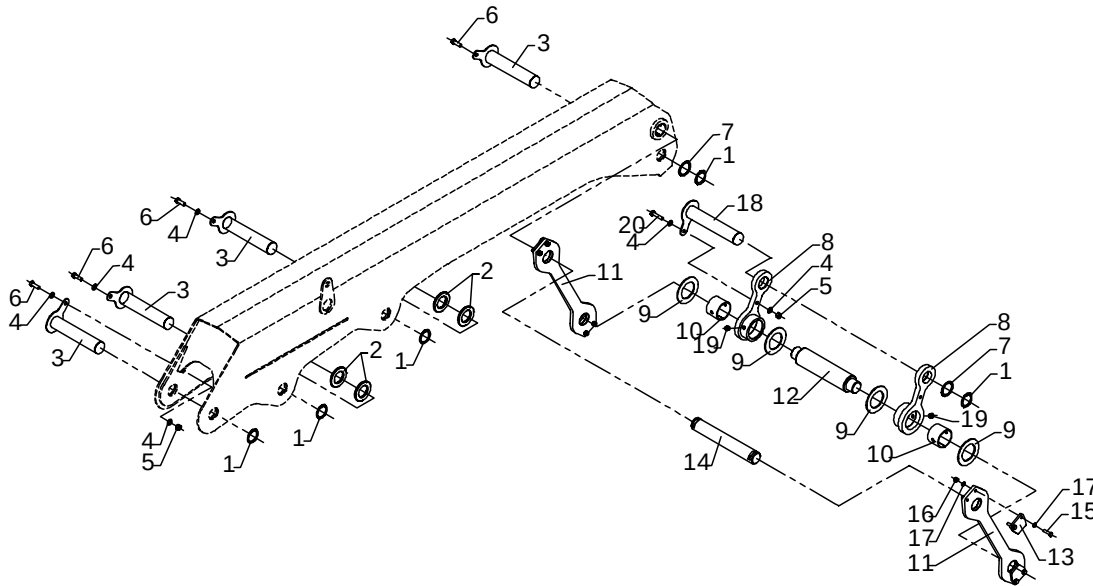
1.	1320075	Inner Boom	1
2.	23313	Bushing PM 3535 DX	2
3.	31318	Grease Zerk 1/8" RG	1



Link Arm System with Pins

45302015

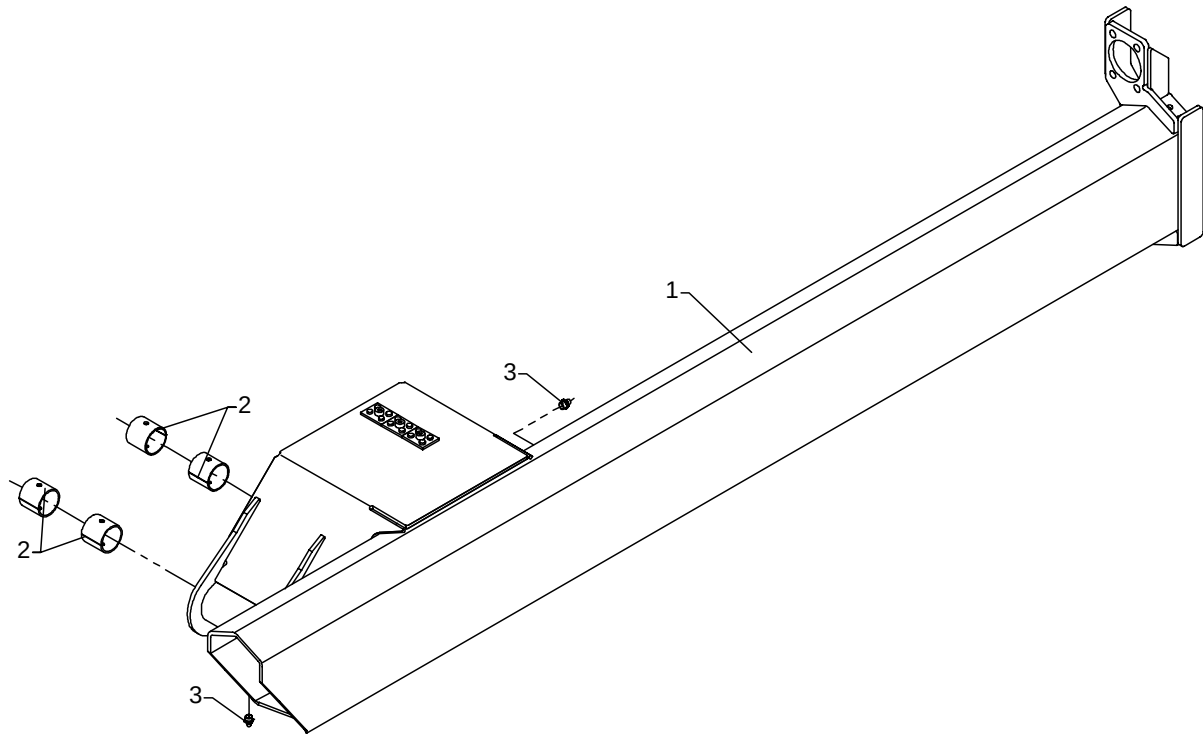
1.	33117	Snap Ring 35U	5
2.	63699	Spacer	4
3.	1320109	Pin	4
4.	31147	Washer, SS 8 mm	9
5.	30886	Lock Nut, SS M8	5
6.	30134	Set Screw, SS M8x25	4
7.	31767	Washer PS 35x45x1	2
8.	1320098	Push Rod	2
9.	63694	Ring	4
10.	23323	Bushing PM 5040 DX	2
11.	1320103	Link Arm	2
12.	1320102	Pin, Cylinder	1
13.	1320105	Lock Plate	4
14.	1320104	Pin	1
15.	30114	Set Screw, SS M6x25	8
16.	30884	Lock Nut, SS M6	8
17.	32302	Face Washer, SS 6 mm	16
18.	1320106	Pin	1
19.	31318	Lubricator 1/8" RG	2
20.	30136	Steel Bolt, SS M8x35	1



Outer Boom

45302020

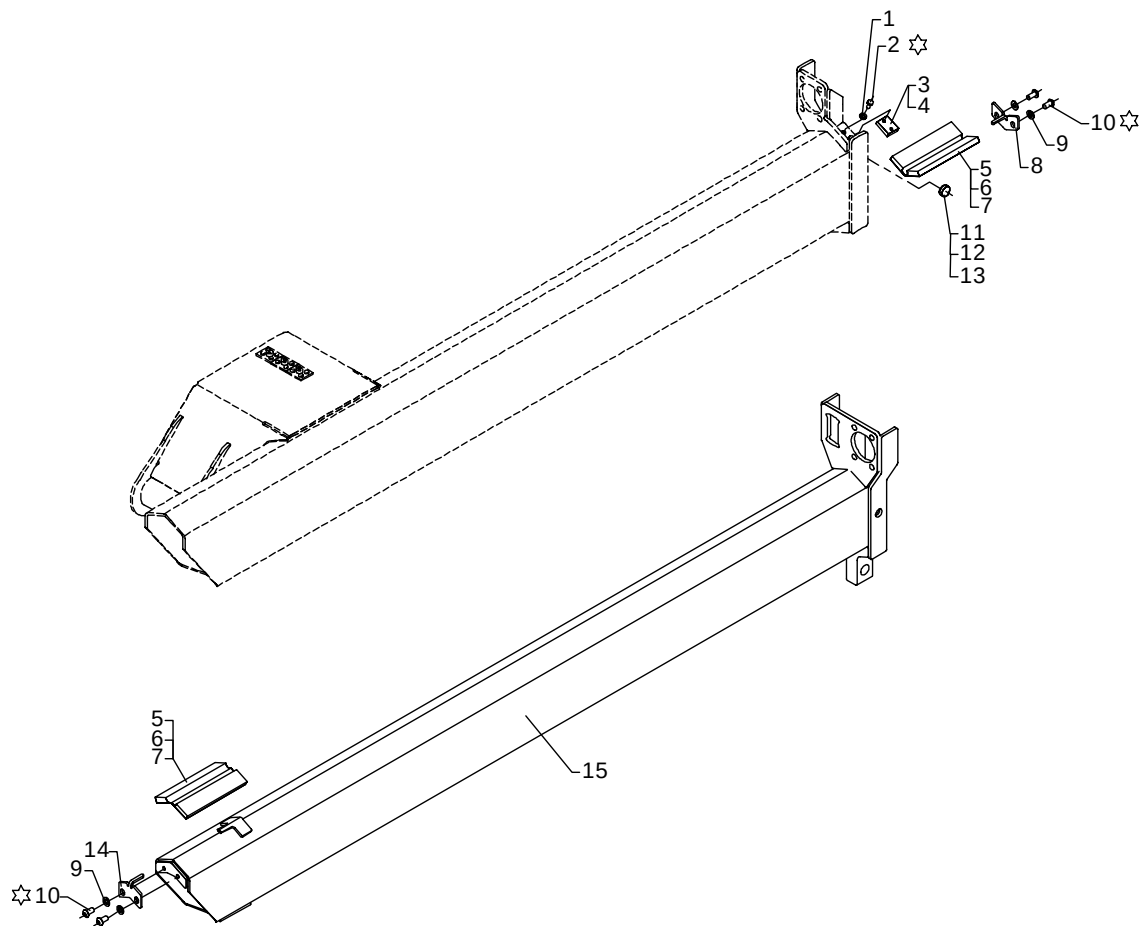
1.	1320112	Outer Boom	1
2.	23313	Bushing PM 3535 DX	4
3.	31318	Lubricator 1/8" RG	2



Outer Boom Extension, K1

45302030

1.	32302	Face Washer, SS 6 mm	4
2.	30111	Set Screw, SS M6x12	4
3.	1320187	Spacer, 6mm	2
4.	1320188	Spacer 8 mm	2
5.	63799	Slide Block, 9 mm	2
6.	63835	Slide Block No. 1, 8 mm	2
7.	63838	Slide Block No., 4, 10 mm	2
8.	1320186	Bracket	1
9.	31147	Washer, SS 8 mm	4
10.	30925	Screw, RH M8x16	4
11.	63749	Guide, 5 mm	2
12.	63750	Guide, 6 mm	2
13.	63502	Guide, 7 mm	2
14.	1320185	Bracket	1
15.	1320151	Extension, K1	1

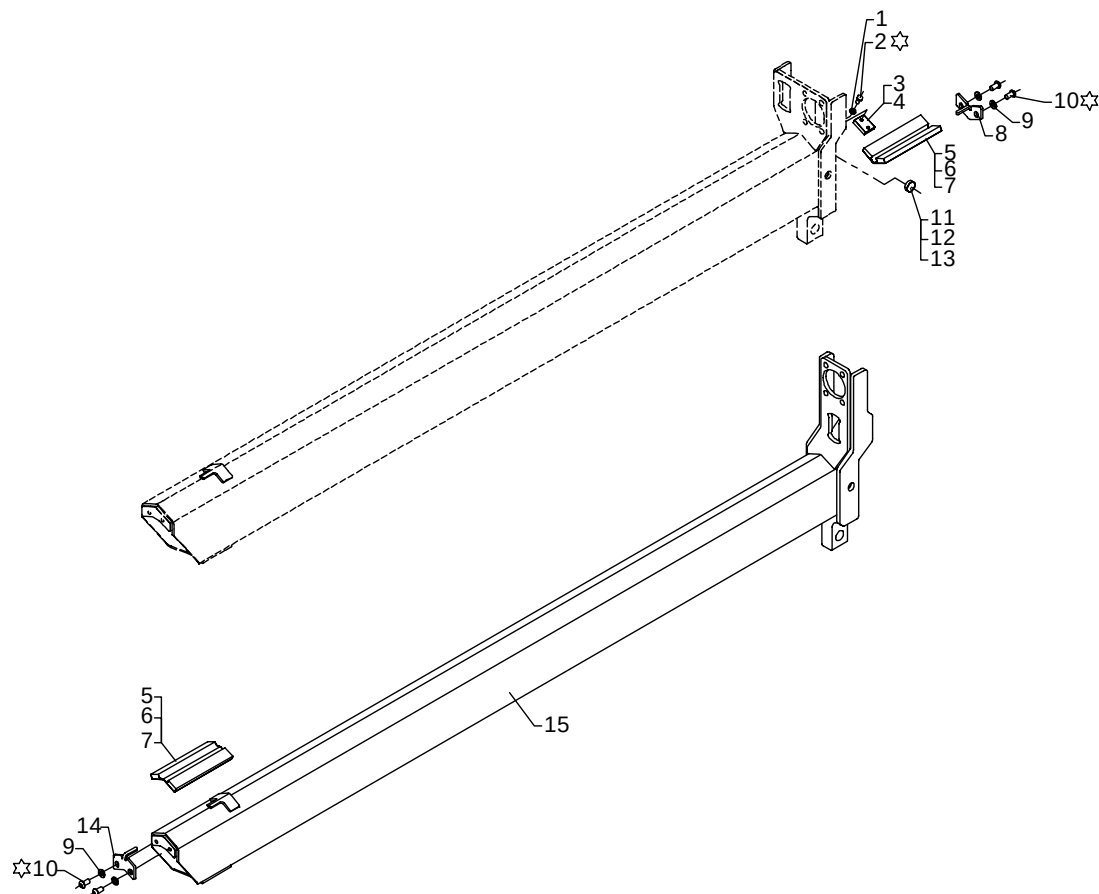


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Outer Boom Extension, K2

45302031

1.	32302	Face Washer, SS 6 mm	4
2.	30111	Set Screw, SS M6x12	4
3.	1320187	Spacer, 6mm	2
4.	1320188	Spacer 8 mm	2
5.	63773	Slide Block, 8 mm	2
6.	63774	Slide Block, 9 mm	2
7.	63775	Slide Block, 10 mm	2
8.	1320186	Bracket	1
9.	31147	Washer, SS 8 mm	4
10.	30925	Screw, RH M8x16	4
11.	63749	Guide, 5 mm	2
12.	63750	Guide, 6 mm	2
13.	63502	Guide, 7 mm	2
14.	1320185	Bracket	1
15.	1320172	Extension, K2	1

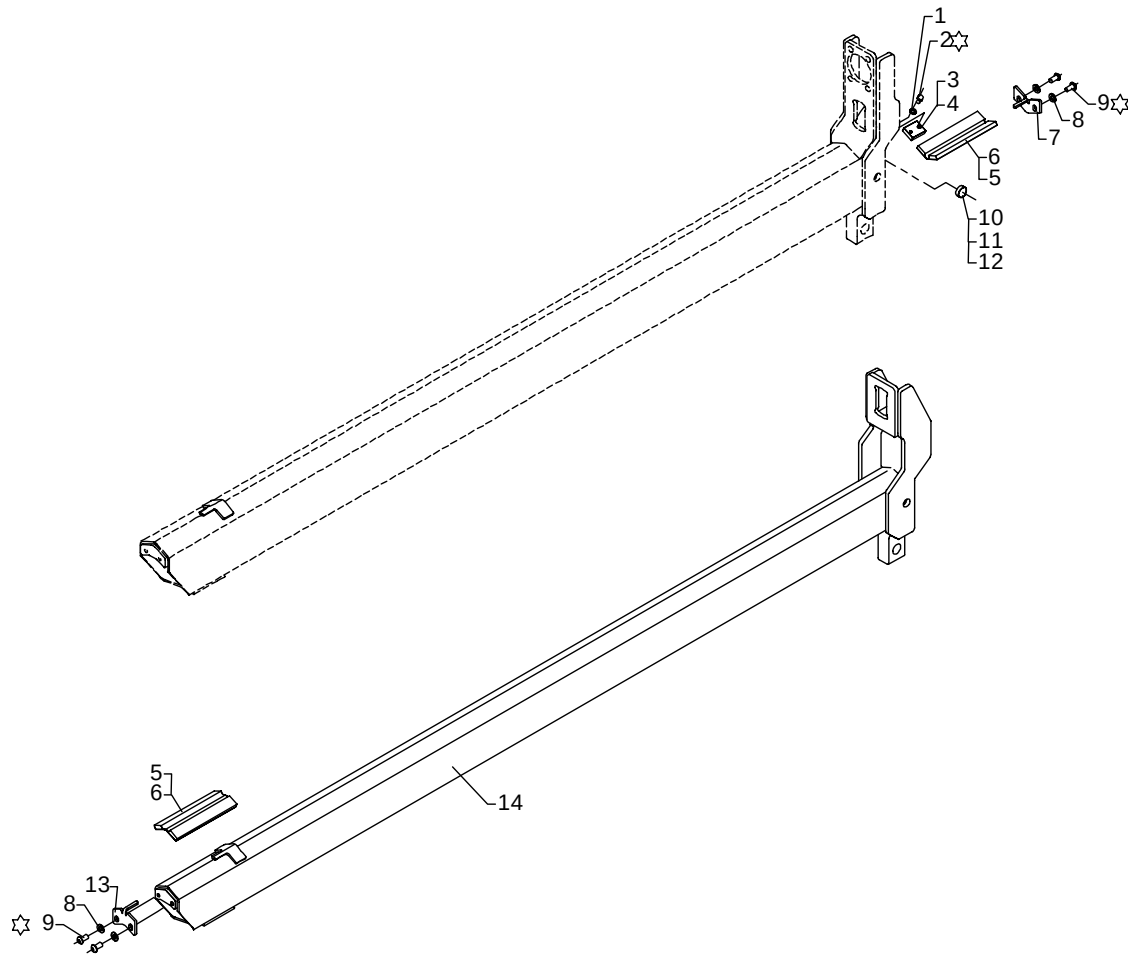


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Outer Boom Extension, K3

45302032

1.	32302	Face Washer, SS 6 mm	4
2.	30111	Set Screw, SS M6x12	4
3.	1320187	Spacer, 6mm	2
4.	1320188	Spacer 8 mm	2
5.	63747	Slide Block, 6 mm	2
6.	63748	Slide Block, 8 mm	2
7.	1320186	Bracket	1
8.	31147	Washer, SS 8 mm	4
9.	30925	Screw, RH M8x16	4
10.	63749	Guide, 5 mm	2
11.	63750	Guide, 6 mm	2
12.	63502	Guide, 7 mm	2
13.	1320185	Bracket	1
14.	1320176	Extension, K3	1

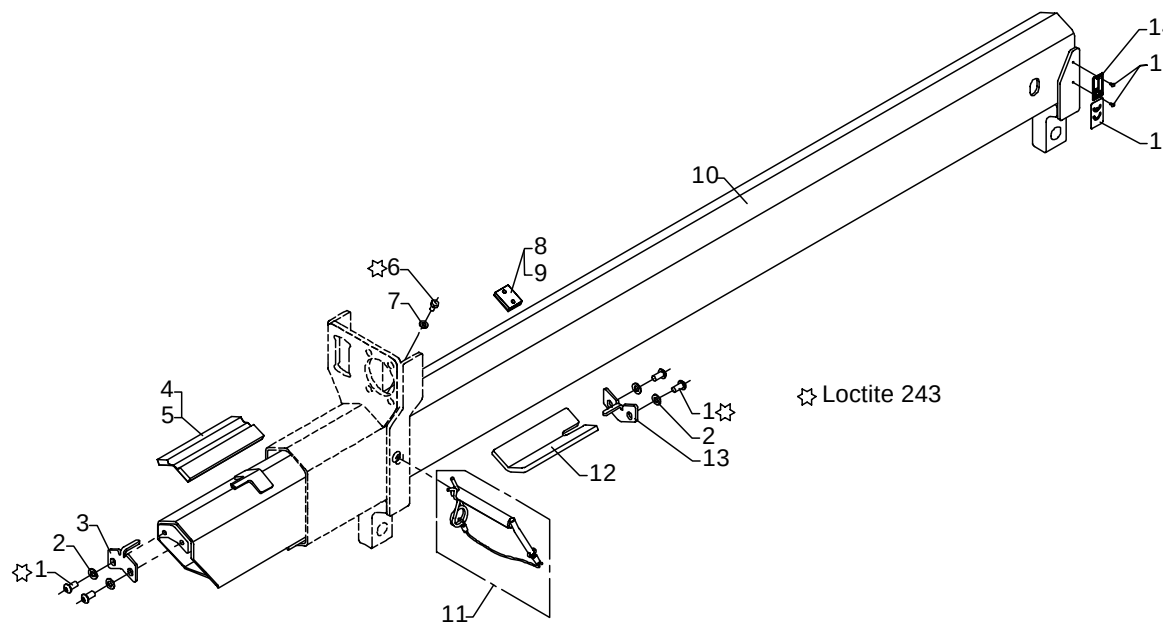


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Manual Extension, K1

45302200

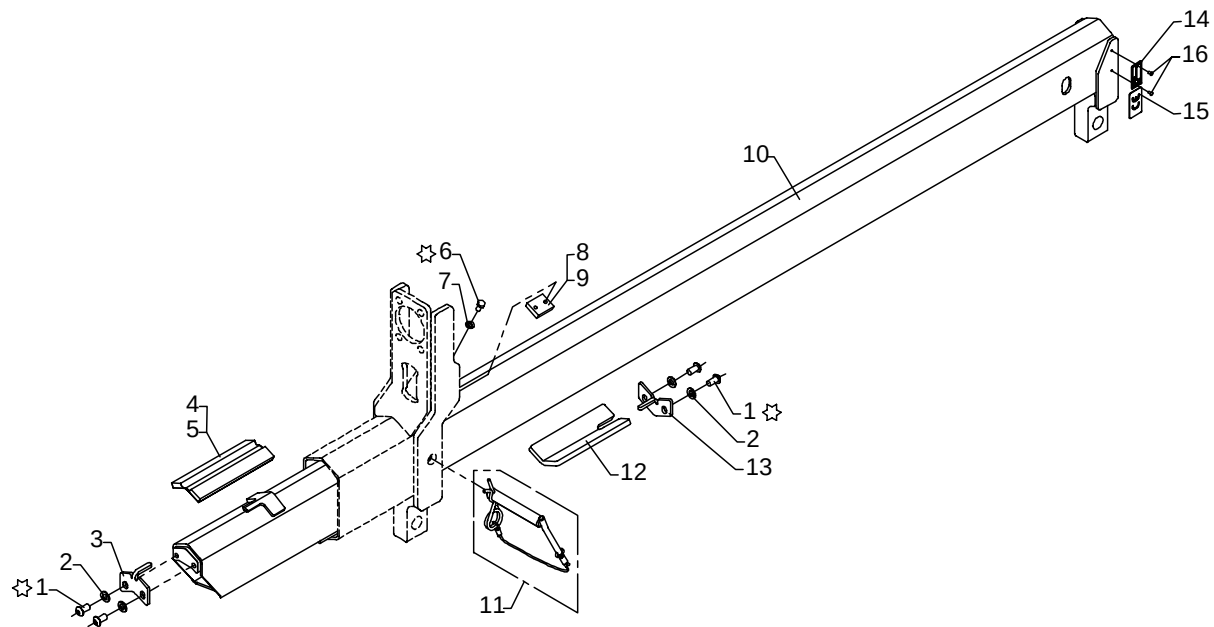
1.	30925	Screw, RH M8x16	4
2.	31147	Washer, SS 8 mm	4
3.	1320185	Bracket	1
4.	63773	Slide Block, 8 mm	1
5.	63774	Slide Block, 9 mm	1
6.	30111	Set Screw, SS M6x12	4
7.	32302	Face Washer, SS 6 mm	4
8.	1320187	Spacer 6mm	2
9.	1320188	Spacer 8 mm	2
10.	1320195	Manual Extension, K1	1
11.	1320212	Lock Pin with Split Pin	1
12.	1320198	Stop	1
13.	1320186	Bracket	1
14.	65796	Plate	1
15.	65631	Decal	1
16.	31340	Rivet	2



Manual Extension, K2

45302201

1.	30925	Screw, RH M8x16	4
2.	31147	Washer, SS 8 mm	4
3.	1320185	Bracket	1
4.	63747	Slide Block, 6 mm	1
5.	63748	Slide Block, 8 mm	1
6.	30111	Set Screw, SS M6x12	4
7.	32302	Face Washer, SS 6 mm	4
8.	1320187	Spacer 6mm	2
9.	1320188	Spacer 8 mm	2
10.	1320199	Manual Extension, K2	1
11.	1320208	Lock Pin with Split Pin	1
12.	1320202	Stop	1
13.	1320186	Bracket	1
14.	65796	Plate	1
15.	65631	Decal	1
16.	31340	Rivet	2

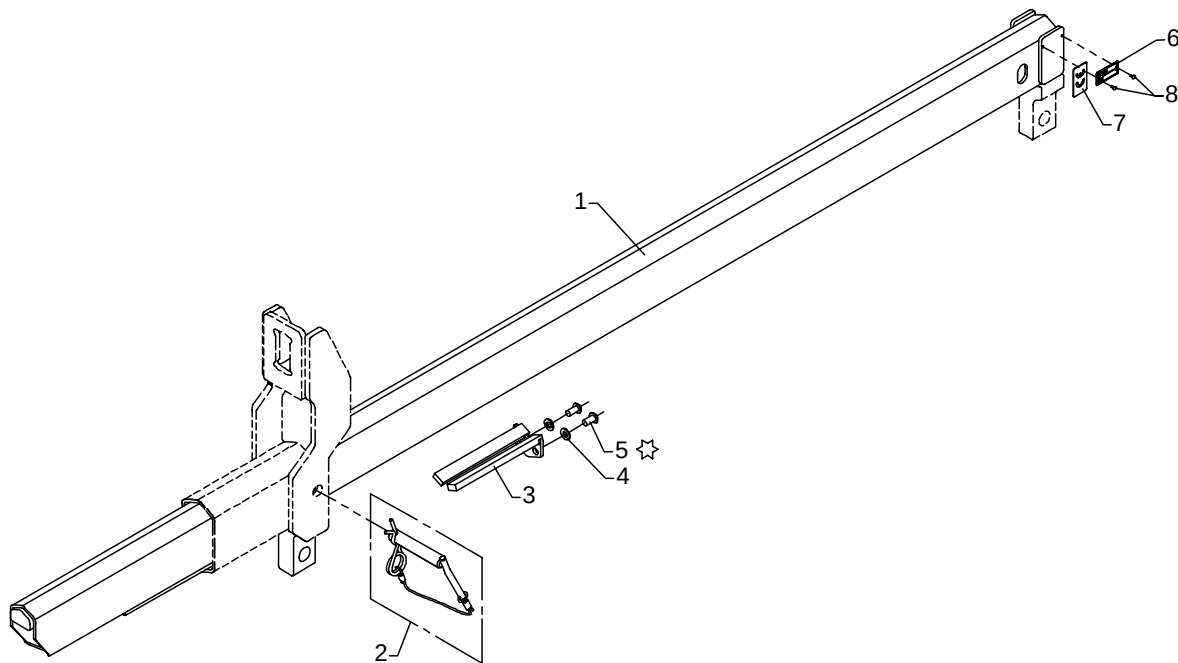


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Manual Extension, K3

45302202

1.	1320189	Manual Extension, K3	1
2.	1320204	Lock Pin with Split Pin	1
3.	1320215	Stop	1
4.	31147	Washer, SS 8 mm	2
5.	30925	Screw, RH M8x16	2
6.	65796	Plate	1
7.	65631	Decal	1
8.	31340	Rivet	2

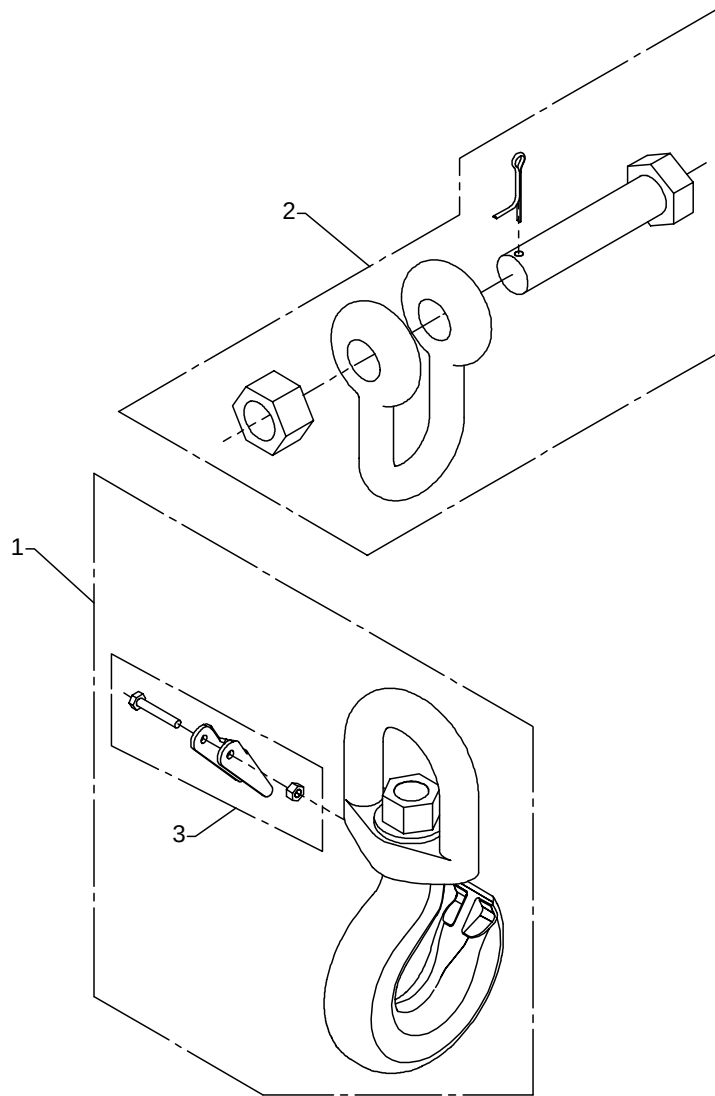


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Hook with Shackle

45302500

1.	62191	Swivel Hook	1
2.	62192	Shackle with Nut	1
3.	62193	Safety Catch	Ref

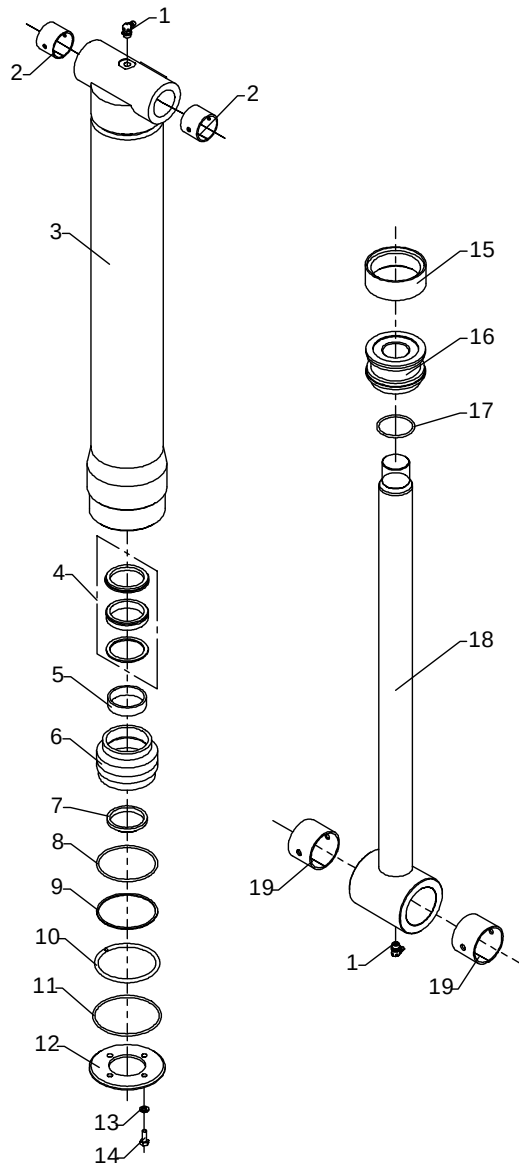


Inner & Outer Boom Cylinder, C80-525

45303010

	6893540	Seal Kit (incl 4, 5, 7-9, 11, 15, 17)	1
1.	31322	Lubricator 1/8 RG-90	2
2.	23312	Bushing PM 3530 DX	2
3.	1320037	Cylinder Pipe	1
4.	20970	Seal Kit	1
5.	20963	Guide Ring PWR 45/51 x 13-A	1
6.	1320044	Guide	1
7.	20964	Scraper PWD 45/53 x 5 x 5.8	1
8.	20188	O-ring 74.5 x 3	1
9.	20715	Back Ring 74.5 x 3	1
10.	33481	Lock Ring	1
11.	20190	O-ring 84.5 x 3	1
12.	1320144	Plate	1
13.	32302	Face Washer, SS 6 mm	4
14.	30112	Set Screw, SS M6 x 16	4
15.	20965	Seal, Double-Acting M80/65 x 20	1
16.	1320043	Piston	1
17.	20181	O-ring 44.2x3	1
18.	1320045	Piston Rod	1
19.	23323	Bushing PM 5040 DX	2

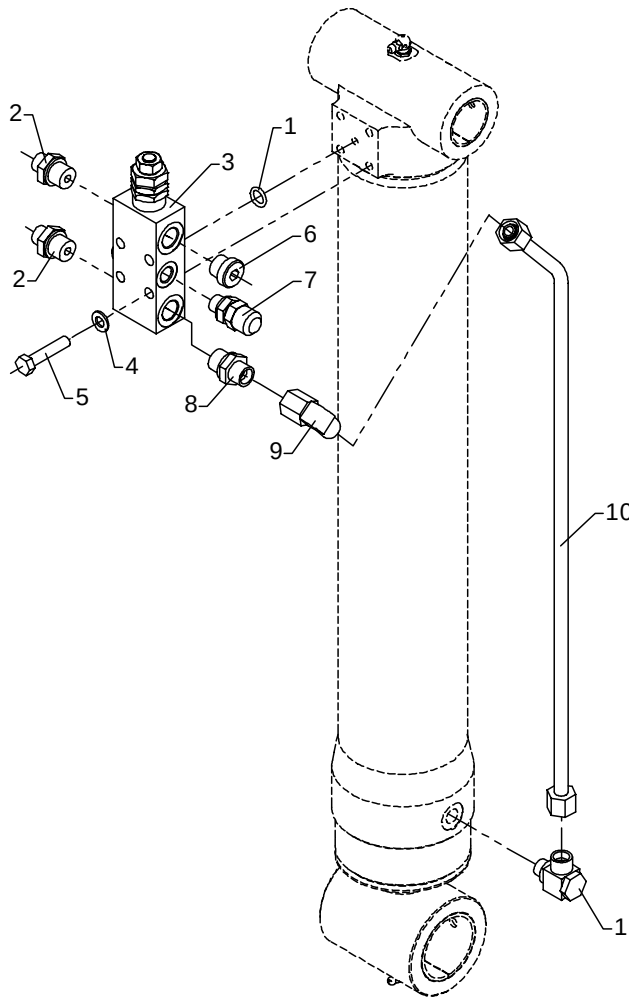
Drawing, Inner & Outer Boom Cylinder, C80-525



Inner & Outer Boom Cylinder with Left-Hand View

45303011

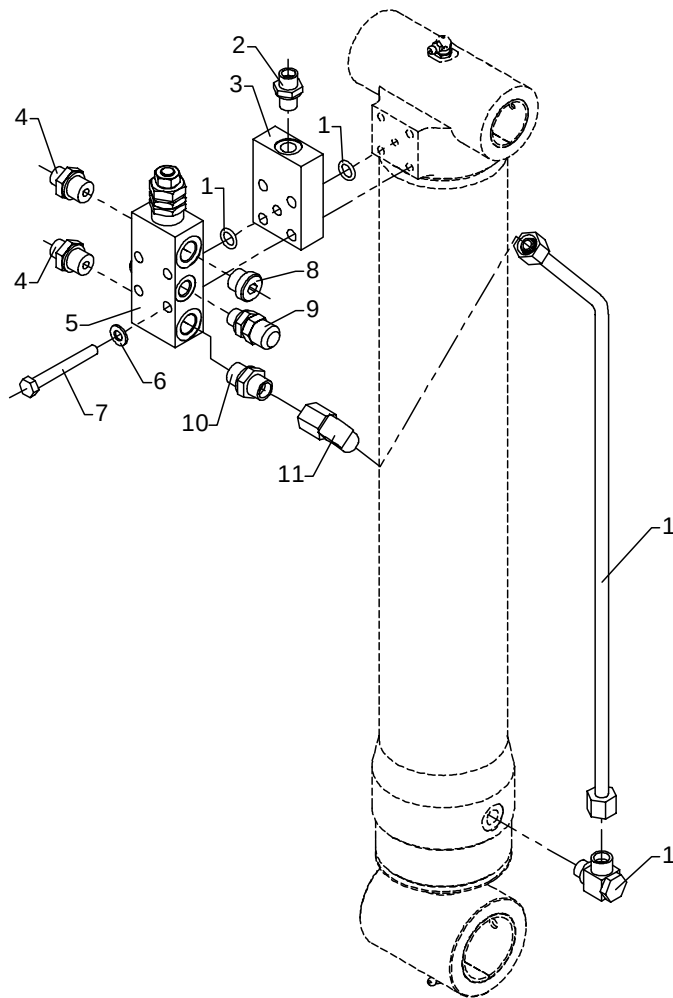
1.	20138	O-Ring 10.77 x 2.62	1
2.	25244	Connection GEV 8 L/R 3/8-WD	2
3.	59955	Load-Holding Valve	1
4.	31147	Washer SS 8 mm	4
5.	30137	Set Screw, SS M8 x 40	4
6.	25277	Plug VS-R-3/8 WD	1
7.	26103	Pressure Gauge Connection	1
8.	25253	Connection GEV 10 L/R 3/8-WD	1
9.	25120	Connection P-EWV 10 L-SV	1
10.	1320243	Pipe	1
11.	25123	Banjo Connection P-RSWV 10 LR	1



Inner Boom Cylinder with Hose-Failure Valve

45303012

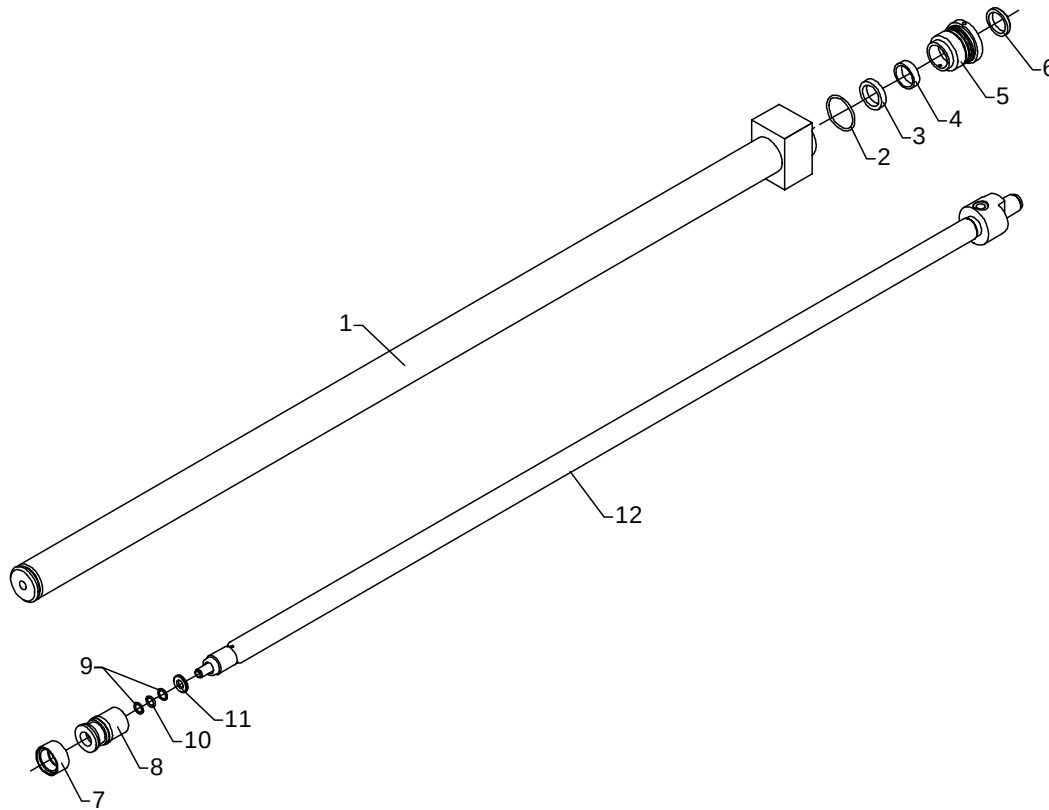
1.	20138	O-Ring 10.77 x 2.62	2
2.	25109	Connection GEV 8 LR-WD	1
3.	1320286	Block	1
4.	25244	Connection GEV 8 L/R 3/8-WD	2
5.	59955	Load-Holding Valve	1
6.	31147	Washer, SS 8 mm	4
7.	30259	SS Bolt M8 x 65	4
8.	25277	Plug VS-R-3/8 WD	1
9.	26103	Pressure-Gauge Connection	1
10.	25253	Connection GEV 10 L/R 3/8-WD	1
11.	25120	Connection P-EWV 10 L-SV	1
12.	1320287	Pipe	1
13.	25123	Banjo Connection P-RSWV 10 LR	1



Extension Cylinder, I, C40-1300

45303050

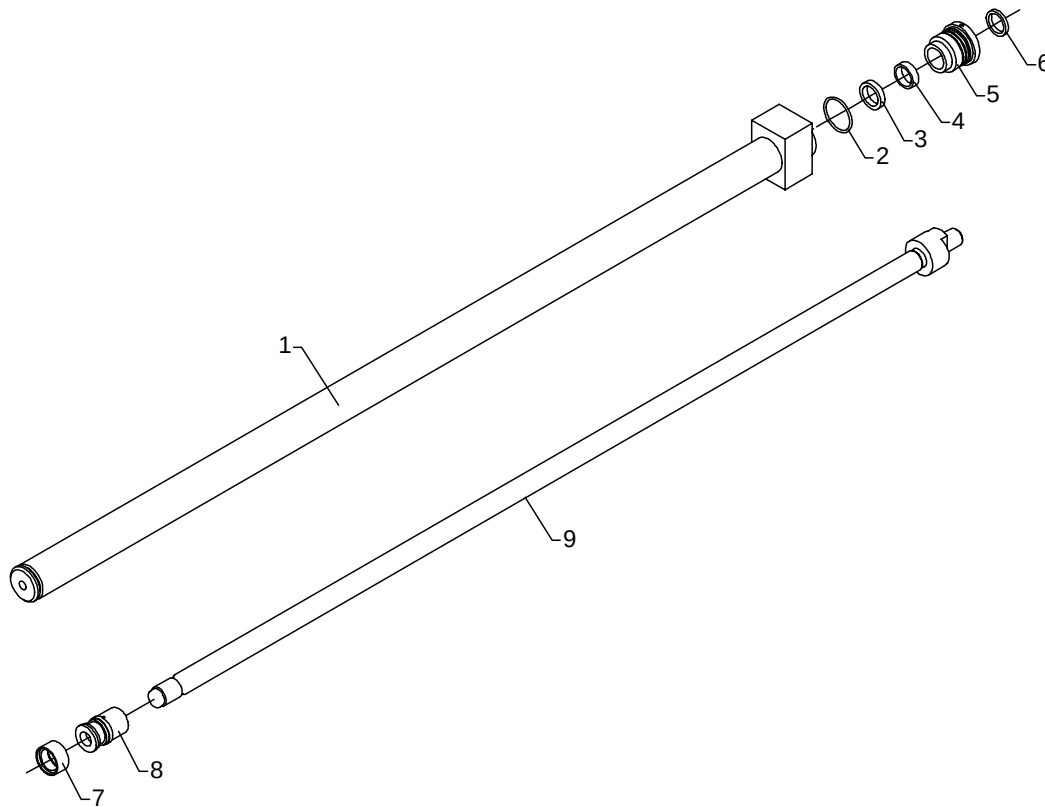
	6893550	Seal Kit (incl. 2-4,6-7,9-10)	1REF
1.	1320132	Cylinder Pipe	1
2.	20181	O-Ring 44.2 x 3	1
3.	20973	Seal SI/L 30/40 x 8	1
4.	20974	Guide Ring PWR 30 x 36 x 10-A	1
5.	1320142	Guide	1
6.	20972	Scraper SDR 30 x 38 x 6 x 6.5	1
7.	20971	Seal MD 40/30 x 12.4	1
8.	1320141	Piston	1
9.	20879	Back Ring 11.3 x 2.4	2
10.	20126	O-Ring 11.3 x 2.4	1
11.	1320143	Ring	1
12.	1320136	Piston Rod	1



Extension Cylinder, II, C40-1300

45303051

	6893560	Seal Kit (incl. 2-4,6-7)	1REF
1.	1320132	Cylinder Pipe	1
2.	20181	O-Ring 44.2 x 3	1
3.	20976	Seal SI/L 28/38 x 8	1
4.	20977	Guide Ring RWR 28/34 x 10-A	1
5.	1320149	Guide	1
6.	20975	Scraper PWD 28/36 x 5 x 5.8	1
7.	20971	Seal MD 40/30 x 12.4	1
8.	1320148	Piston	1
9.	1320145	Piston Rod	1

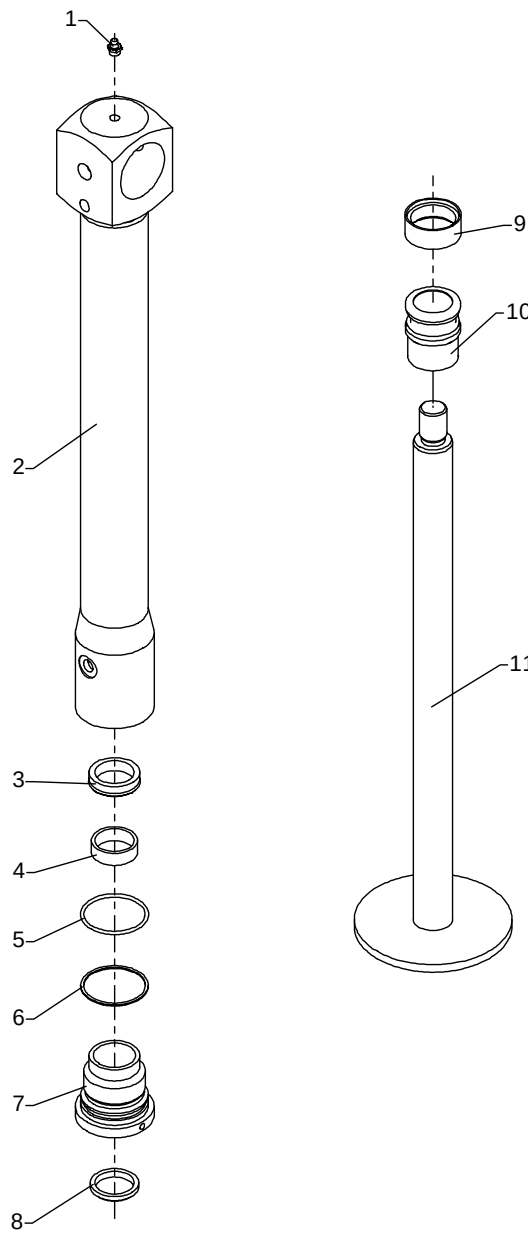


Outrigger Cylinder, C50-335

45303100

	6893570	Seal Kit (incl. 3-6,8,9)	1
1.	31318	Lubricator 1/8" RG	1
2.	1320126	Cylinder Pipe	1
3.	20967	Seal SI/L 35/45 x 11	1
4.	20969	Guide Ring RWR 34/41 x 13-A	1
5.	20183	O-Ring 54.5 x 3	1
6.	20882	Back Ring 54.5 x 3	1
7.	1320124	Guide	1
8.	20966	Scraper SDR 35.42 x 6 x 6.5	1
9.	20968	Seal M 50/40 x 12.5	1
10.	1320125	Piston	1
11.	1320121	Piston Rod	1

Drawing, Outrigger Cylinder, C50-335

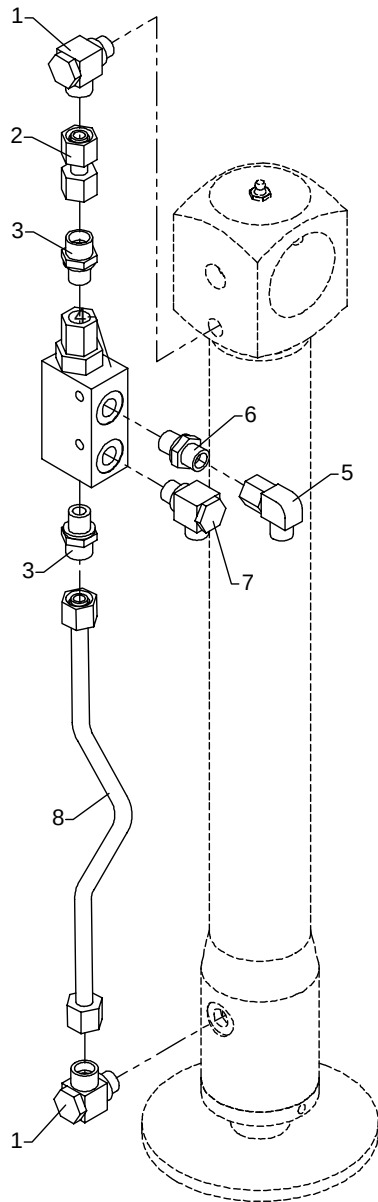


Outrigger Cylinder with Piloted Check-Valve

45303101

1.	25123	Banjo Connection P-RSWV 10 LR	2
2.	1320277	Pipe	1
3.	25121	Connection GEV 10 LR-WD	2
4.	60472	Piloted Check-Valve	1
5.	26170	Connection EWSD 8 L	1
6.	25109	Connection GEV 8 LR -WD	1
7.	25113	Banjo Connection RSWV 8 LR	1
8.	1320244	Pipe	1

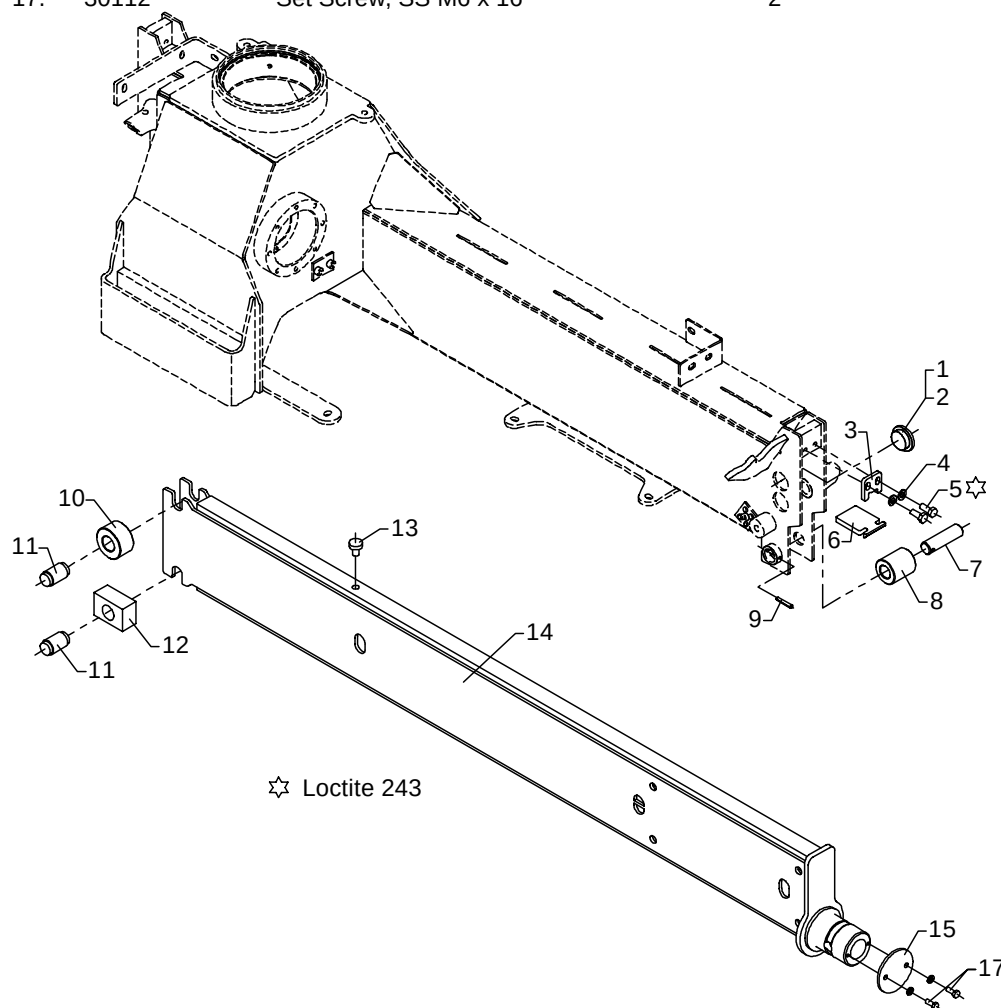
Drawing, Outrigger Cylinder with Piloted Check-Valve



Outrigger Beam

45304010

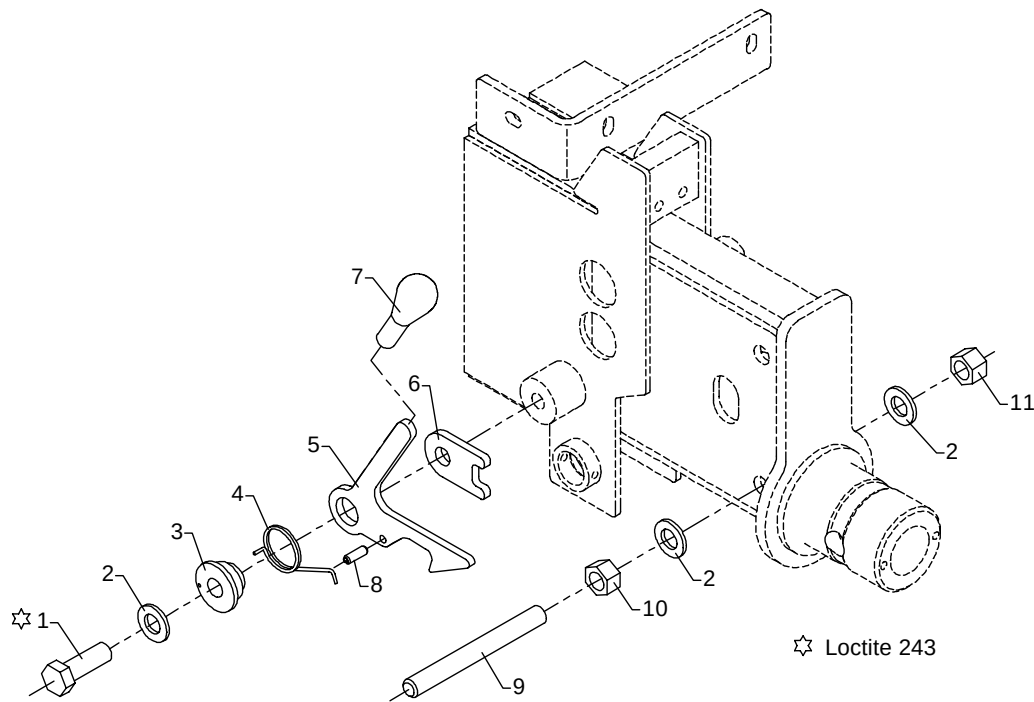
1.	63927	Bushing 4mm	1
2.	63681	Slide Block, 3 mm	1
3.	1320096	Lock Plate	1
4.	31147	Washer, SS 8 mm	2
5.	30132	Set Screw, SS M8 x 20	2
6.	1320097	Spacer	1
7.	1320095	Pin	1
8.	63691	Guide Roller	1
9.	31586	Retaining Pin, SS $\varnothing 5 \times 30$	1
10.	63692	Guide Roller	1
11.	1320093	Pin	2
12.	63693	Slide Block	1
13.	1320092	Stop	1
14.	1320084	Beam, Single Extension	1
15.	1320094	End Plate	1
16.	32302	Face Washer, SS 6 mm	2
17.	30112	Set Screw, SS M6 x 16	2



Safety Lock

45304100

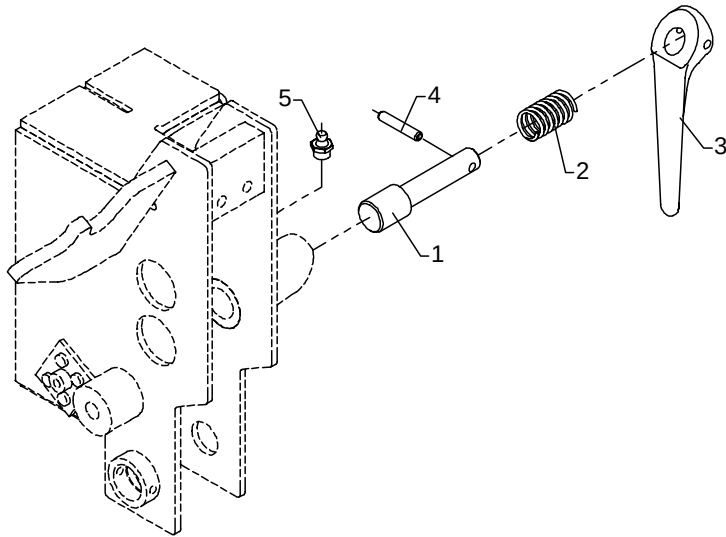
1.	30178	Set Screw M12 x 35	1
2.	31131	Washer 12 mm	3
3.	6323864	Spring Guide	1
4.	33473	Suspension, SS	1
5.	6323294	Hook	1
6.	6323914	Plate	1
7.	48406	Knob -40 mm	1
8.	31205	Retaining pin $\varnothing 5 \times 16$	1
9.	1320223	Locking Pin	1
10.	30860	Nut, SS M12	1
11.	30890	Lock Nut N12	1



Outrigger Lock

45304150

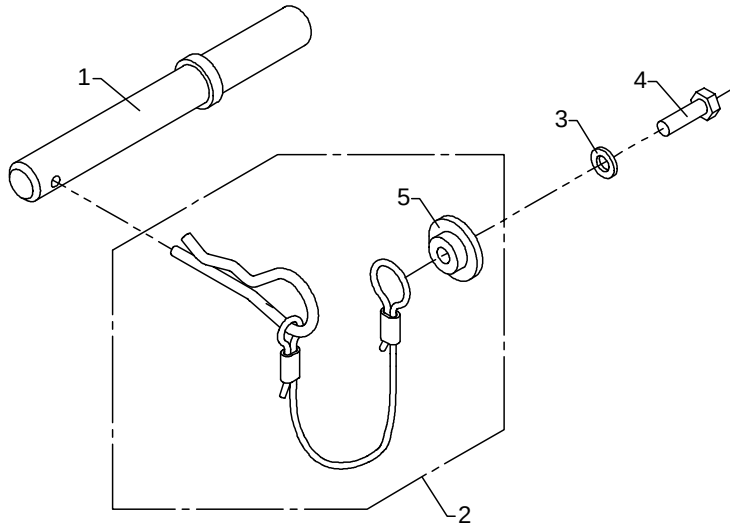
1.	1320219	Lock Pin	1
2.	33367	Spring	1
3.	1320221	Lever	1
4.	31586	Retaining Pin, SS ø5 x 30	1
5.	31318	Lubricator 1/8" RG	1



Lock Bolt for Outrigger Leg

45304200

1.	1320225	Pin	1
2.	1320250	Wire, Complete	1
3.	32302	Face Washer, SS 6 mm	1
4.	30113	Set Screw, SS M6 x 20	1
5.	6323904	Chain Attachment	REF

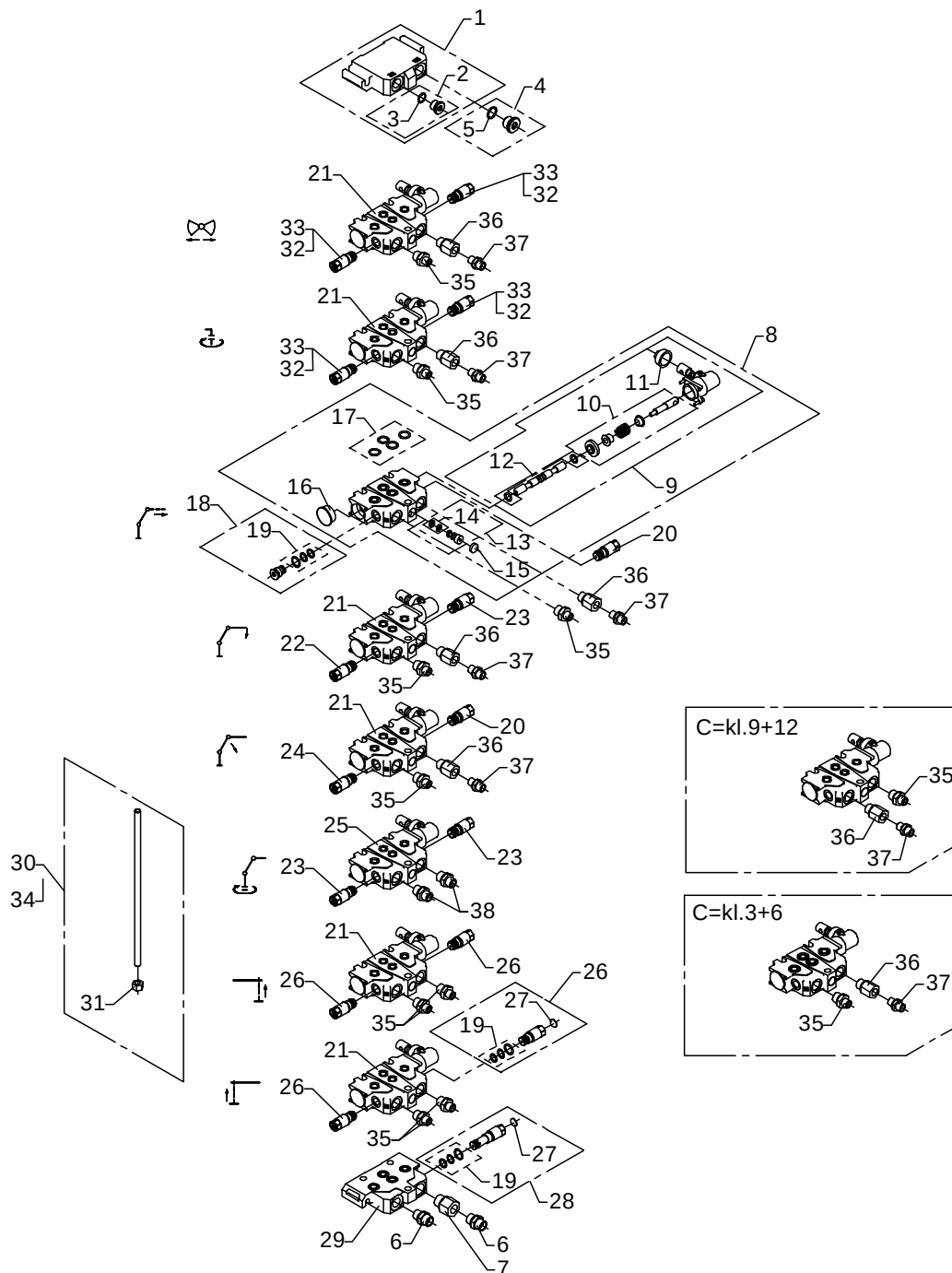


Valve Block

45305010

1.	59144	Outlet Section	1
2.	59232	Pipe Plug 3/8	
3.	59233	Seal	
4.	61366	Plug 1/2	1
5.	20129	O-Ring 17.3 x 2.4	
6.	25127	Connection GEV 12 LR-WD	2
7.	25243	Reducing Connection RED-R 1/2-WD/R 3/8	1
8.	58843	Control Valve Excl. Levers 4D	1
9.	59225	Guide Bracket	
10.	59227	Spring Kit	
11.	59226	Rubber Bellows	
12.	59230	Seal Kit	
13.	61480	Check Valve	
14.	59231	Seal Kit	
15.	61688	Plug	
16.	59222	Dust Cap	
17.	59229	Lever, Complete	
18.	59234	Plug	1
19.	59228	Seal Kit	
20.	58847	Port-Relief Valve TBS60-125	2
21.	58841	Control Lever w/o Lever 1D	
22.	58849	Port-Relief Valve TB60-275	1
23.	58846	Port-Relief Valve TBS60-175	3
24.	58848	Port-Relief Valve TB60-300	1
25.	58842	Control Valve w/o Lever 1DS	1
26.	58845	Port-Relief Valve TB60-150	4
27.	61787	Label	
28.	58844	Main-Relief Valve TB150-350	
29.	58840	Inlet Section + Main Relief Valve 100B	1
30.	59235	Stay Bolt, 6-Section	
31.	30880	Lock Nut	
32.	58834	Port-Relief Valve TB60-200	
33.	59249	Port-Relief Valve TB60-175	
34.	58850	Stay Bolt, 8-Section	
35.	25244	Connection GEV 8 L/R 3/8-WD	
36.	25225	Reducing Connection RED-R 3/8-WD/R 1/4	
37.	25109	Connection GEV 8 LR-WD	
38.	25253	Connection GEV 10 L/R 3/8-WD	2

Drawing, Valve Block

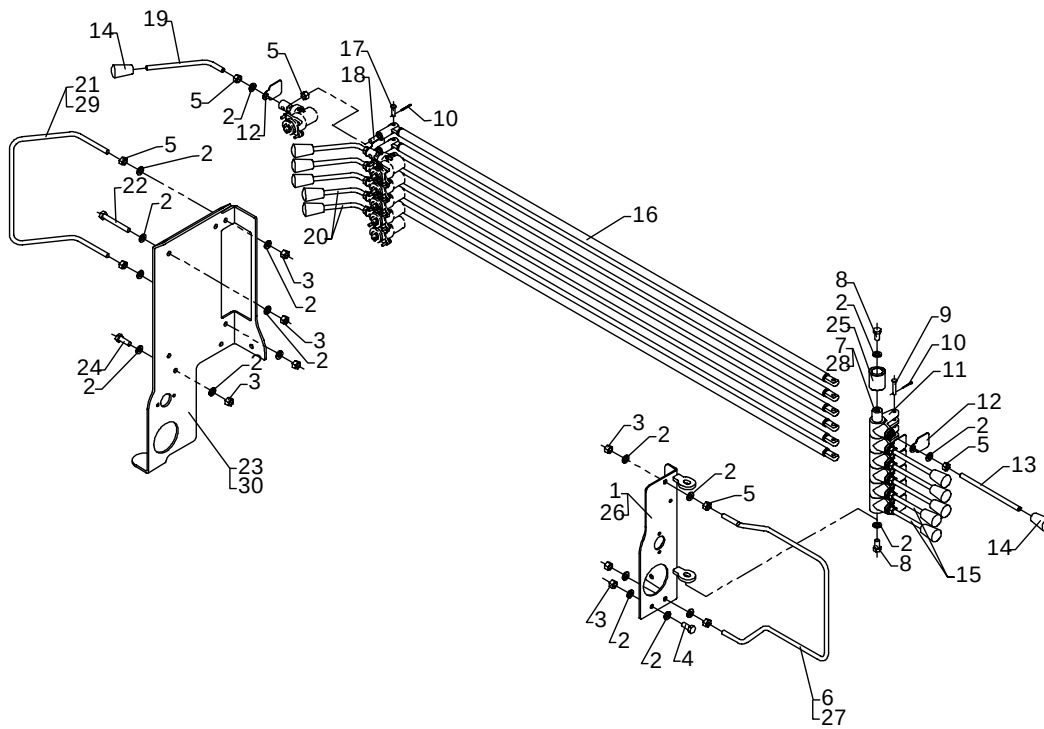


Valve Bracket & Dual Control

45305100

1.	1320234	Bracket for Dual Control, 6-Section	1
2.	31147	Washer, SS 8 mm	40
3.	30886	Lock Nut, SS M8	13
4.	30132	Set Screw, SS M8 x 20	3
5.	30856	Nut, SS M8	22
6.	1320265	Safety Guard, 6-Section	1
7.	1320237	Pin, 6-Section	1
8.	30131	Set Screw, SS M8 x 16	2
9.	31274	Cotter Bolt $\varnothing 6 \times 30$	6
10.	31601	Split Pin, SS $\varnothing 1.6 \times 20$	12
11.	63965	Hub with Threaded Bushing	6
12.	1320246	Attachment for label	12
13.	1320253	Control Lever, Long, Straight	4
14.	59224	Knob, Lever	12
15.	1320252	Control Lever, Short, Straight	2
16.	1320238	Connecting Rod	6
17.	31271	Cotter Bolt $\varnothing 6 \times 20$	6
18.	27800	Clevis	6
19.	1320288	Control Lever, Long, Bent	4
20.	1320254	Control Lever, Short, Bent	2
21.	1320267	Safety Guard, 6-Section	1
22.	30259	Steel Bolt, SS M8 x 65	3
23.	1320233	Valve Bracket, 6-Section	1
24.	30134	Set Screw, SS M8 x 25	3
25.	1313744	Bushing	1
26.	1320255	Bracket, Dual Control, 8-Section	1
27.	1320266	Safety Guard, 8-Section	1
28.	1320239	Pin, 8-Section	1
29.	1320268	Safety Guard, 8-Section	1
30.	1320275	Valve Bracket, 8-Section	1

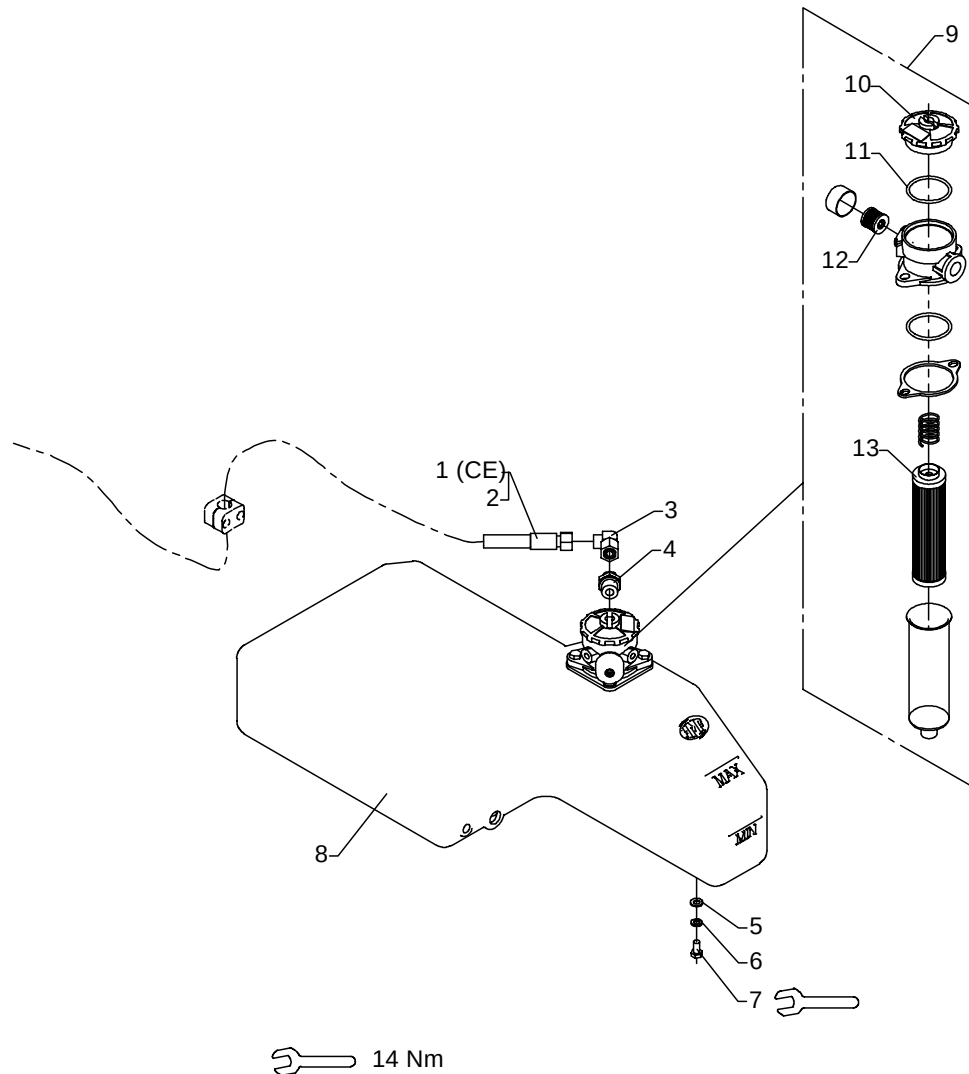
Drawing, Valve Bracket & Dual Control



Oil Tank, Complete

45305150

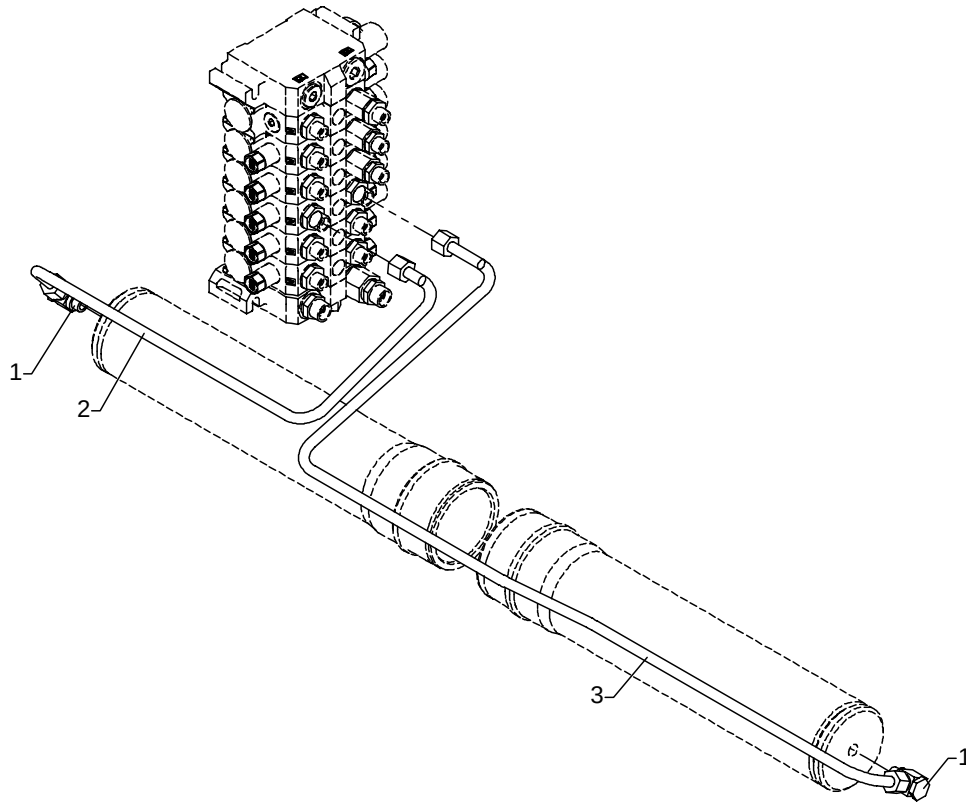
1.	0017300	Hose 3/8 x 850 V/O	1
2.	0017120	Hose 3/8 x 1100 V/O	1
3.	25242	Connection EWSD 12 L	1
4.	25108	Connection GEV 12 L/R 1/2-WD	1
5.	31147	Washer, SS 8 mm	3
6.	31155	Lock Washer, SS 8 mm	3
7.	30131	Set Screw, SS M8 x 16	3
8.	58710	Oil Tank	1
9.	58401	Return Filter	
10.	58404	Cover	
11.	20235	O-ring 50.8 x 3.53	
12.	58403	Air Filter	
13.	58402	Filter Cartridge	



Hydraulic System, Rotation

45305200

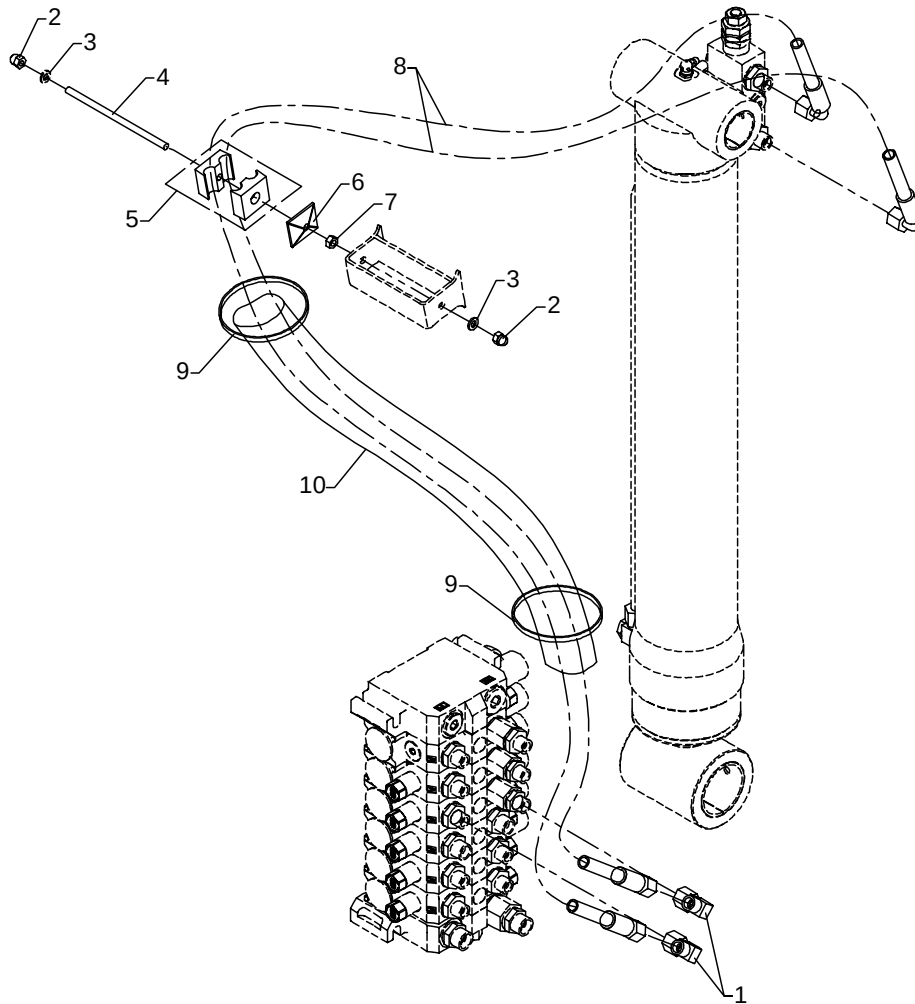
1.	25123	Banjo Connection P-RSWV 10 LR	2
2.	1320278	Pipe, Short	1
3.	1320279	Pipe, Long	1



Hydraulic System, Boom

45305250

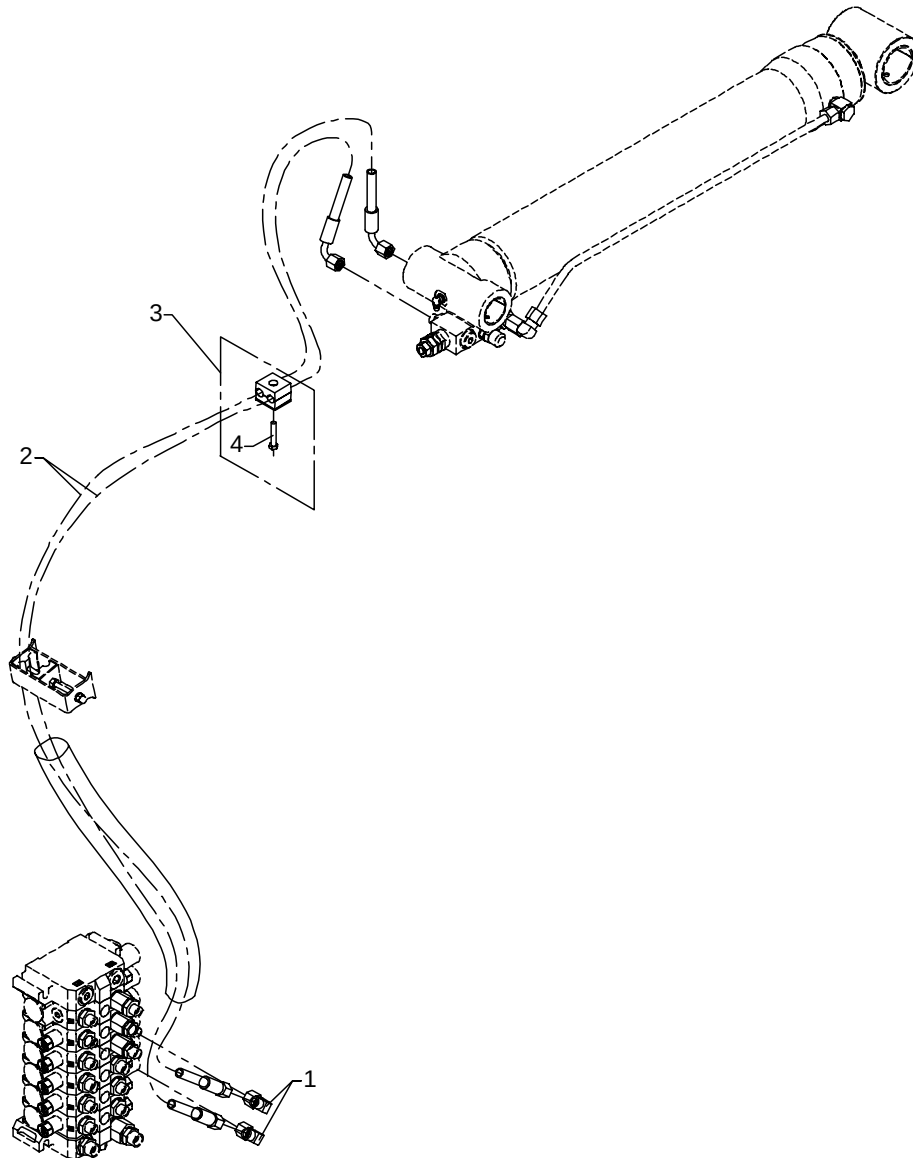
1.	26170	Connection EWSD 8 L	2
2.	64289	Nut M6	2
3.	32302	Face Washer, SS 6 mm	2
4.	1320229	Spacer	1
5.	31846	Clamp	1
6.	31847	Cover	1
7.	30854	Nut, SS M6	1
8.	56023	Hose 1/4 x 2300 L/90	2
9.	27274	CLip	2
10.	62598	Protective Cover 120 x 1530 mm	1



Hydraulic System, Outer Boom

45305300

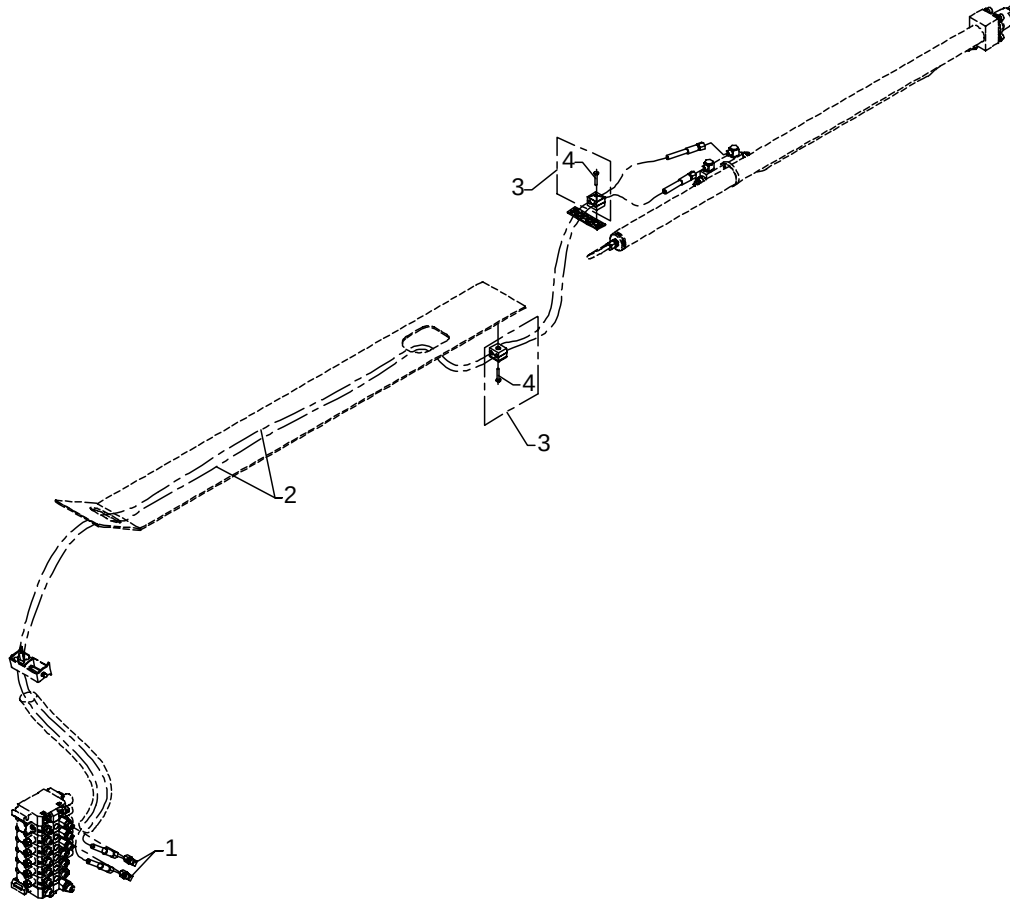
1.	26170	Connection EWSD 8 L	2
2.	56024	Hose 1/4 x 2800 L/90	2
3.	31418	Clamp, Double	1
4.	30116	Steel Bolt, SS M6 x 35	



Hydraulic System, Extension

45305350

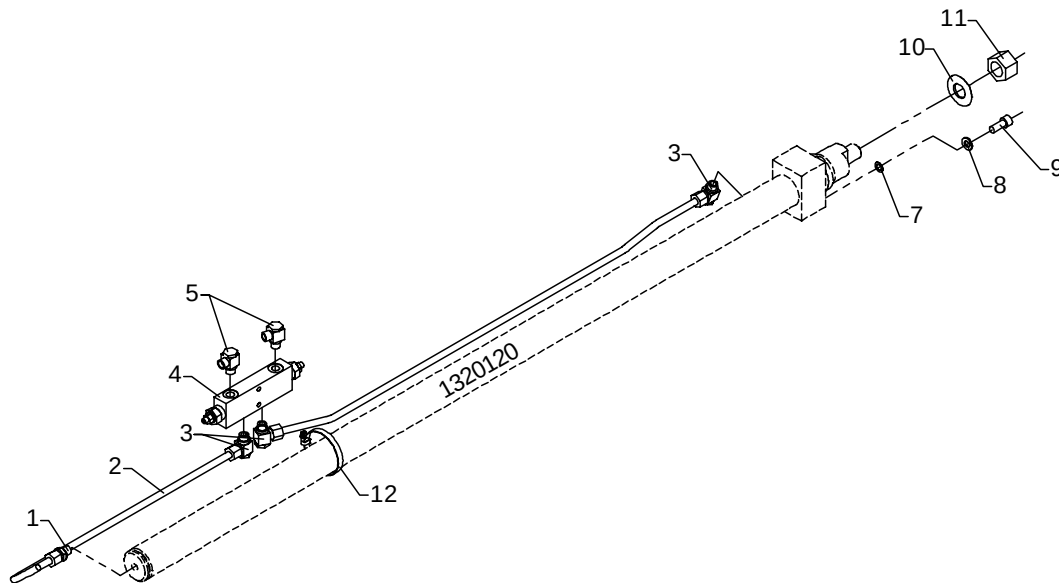
1.	26170	Connection EWSD 8 L	2
2.	62577	Hose 1/4 x 4470 L/L	2
3.	31418	Clamp, Double	2
4.	30116	Steel Bolt, SS M6 x 35	



Fittings, Extension Cylinder K1

45305360

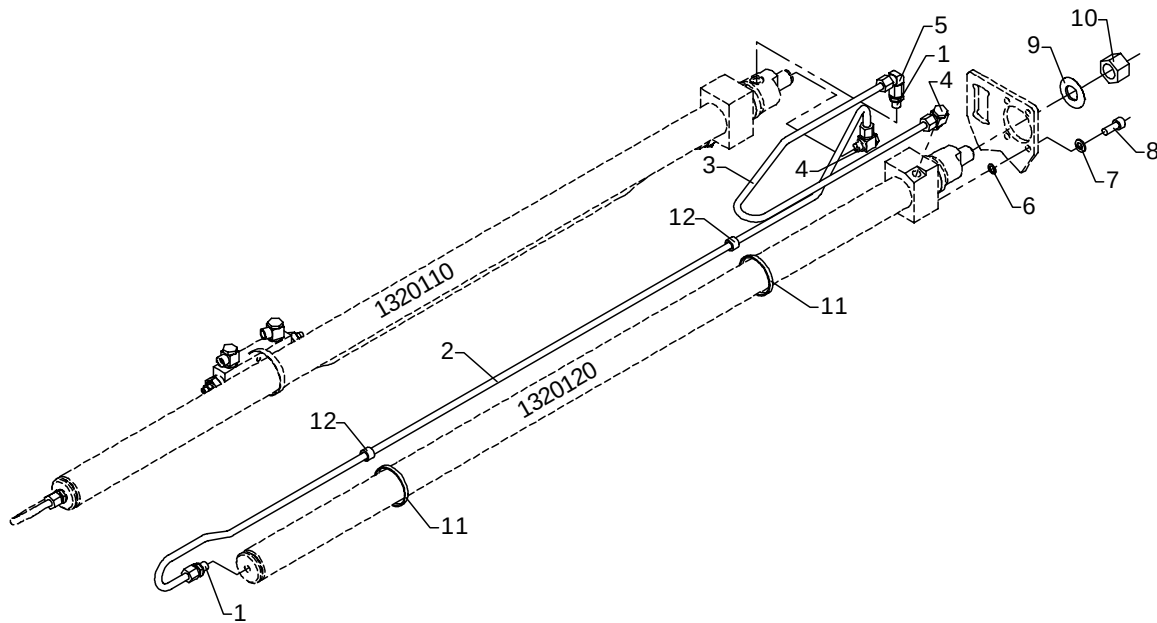
1.	25121	Connection GEV 10 LR-WD	1
2.	1320258	Pipe, K1 Extend	1
3.	25123	Banjo Connection P-RSWV 10 LR	3
4.	59059	Load-Holding Valve	1
5.	25113	Banjo Connection RSWV 8 LR	2
6.	1320257	Pipe, K1 Retract	1
7.	31765	Washer PS 10 x 16 x 0.25	8
8.	31565	Washer, SS 10 mm	4
9.	30453	Screw MC10 x 25	4
10.	1320171	Washer	1
11.	31051	Lock Nut M24 x 2	1
12.	31500	Clip	1



Fittings, Extension Cylinder, K2

45305361

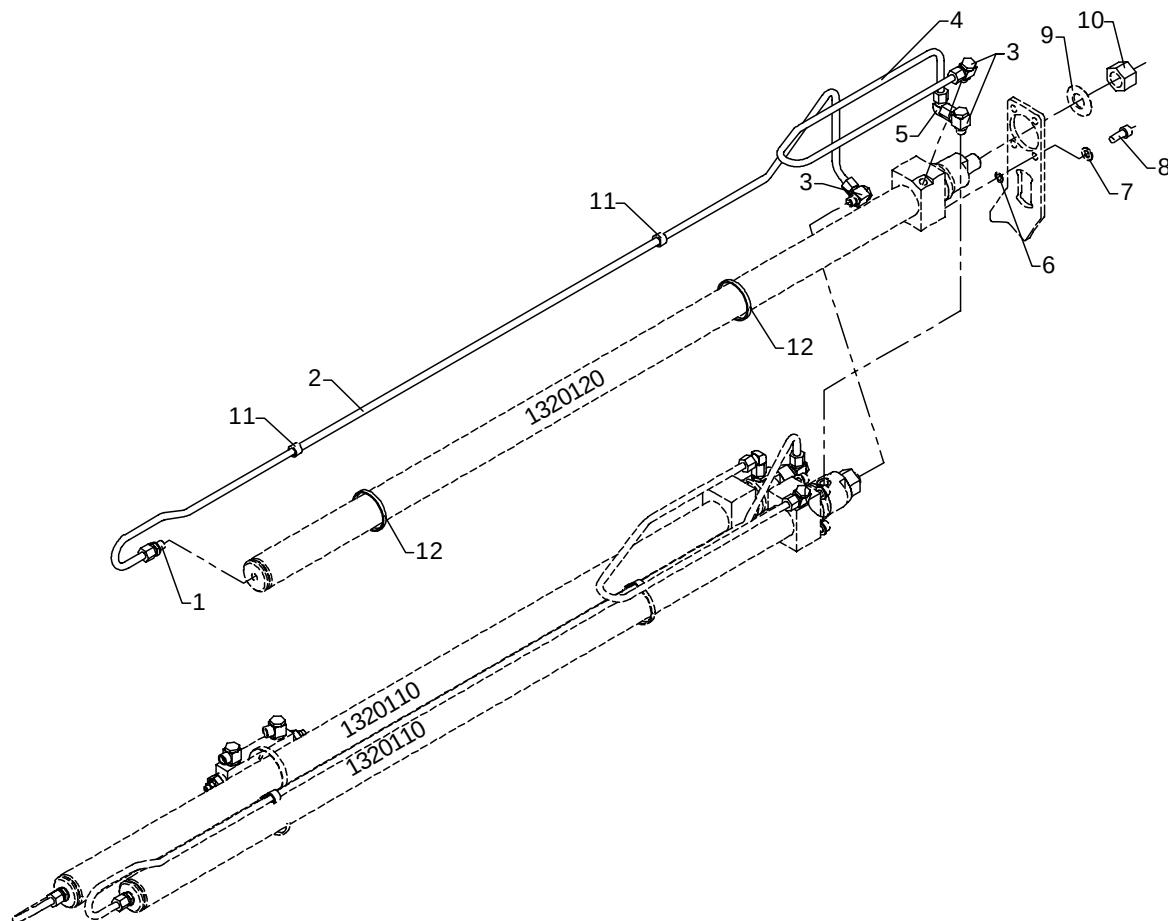
1.	25121	Connection GEV 10 LR-WD	2
2.	1320261	Pipe, K2 Extend	1
3.	1320259	Pipe, K2 Retrace	1
4.	25123	Banjo Connection P-RSWV 10 LR	2
5.	25120	Connection P-EWV 10 L-SV	1
6.	31765	Washer PS 10 x 16 x 0.25	8
7.	31565	Washer, SS 10 mm	4
8.	30453	Screw MC10 x 25	4
9.	1320171	Washer	1
10.	31051	Lock Nut M24 x 2	1
11.	27275	Clip	2
12.	62493	Plastic Hose 12 mm	2



Fittings, Extension Cylinder, K3

45305362

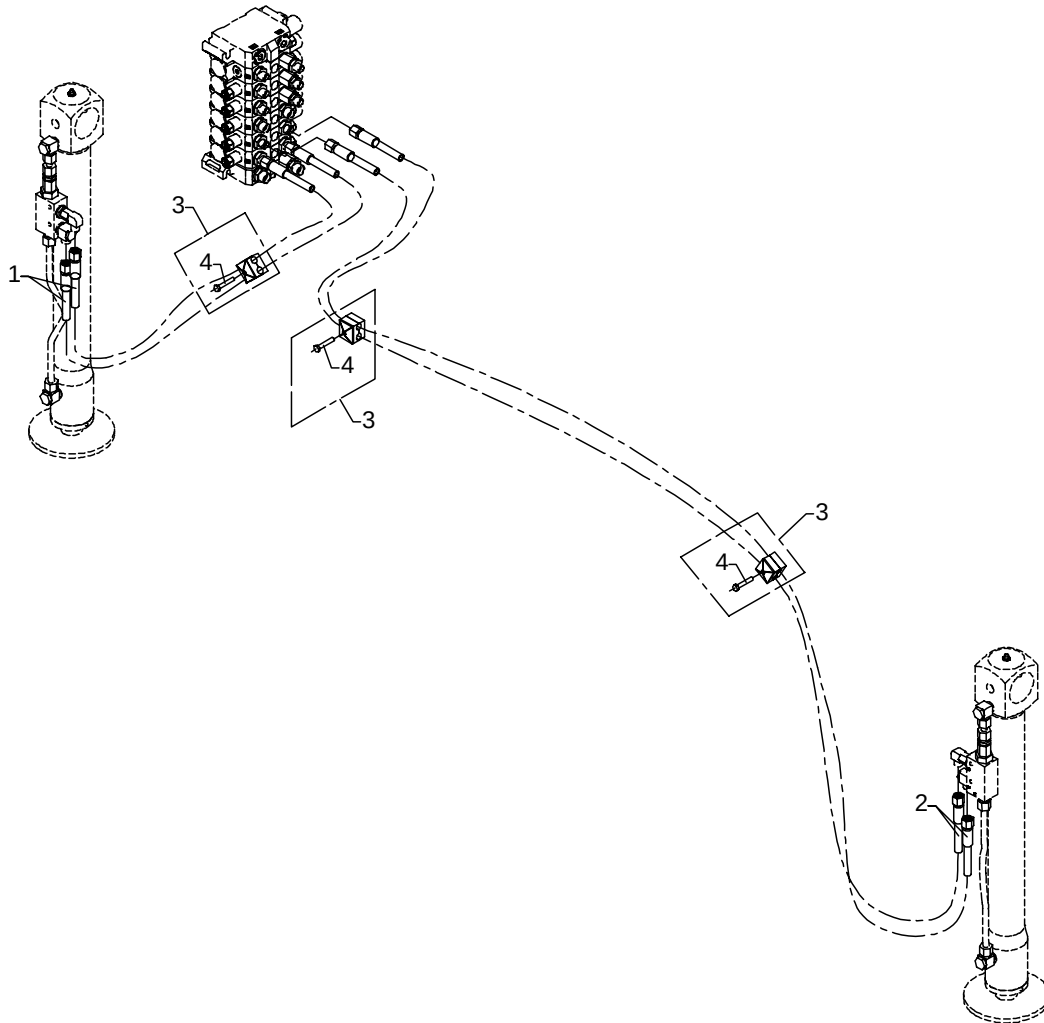
1.	25121	Connection GEV 10 LR-WD	1
2.	1320263	Pipe, K3 Extend	1
3.	25123	Banjo Connection P-RSWV 10 LR	3
4.	1320262	Pipe, K3 Retract	1
5.	25120	Connection P-EWV 10 L-SV	1
6.	31765	Washer PS 10 x 16 x 0.25	8
7.	31565	Washer, SS 10 mm	4
8.	30453	Screw MC10 x 25	4
9.	1320171	Washer	1
10.	31051	Lock Nut M24 x 2	1
11.	62493	Plastic Hose 12 mm	2
12.	27275	Clip	2



Hydraulic System, Outriggers

45305450

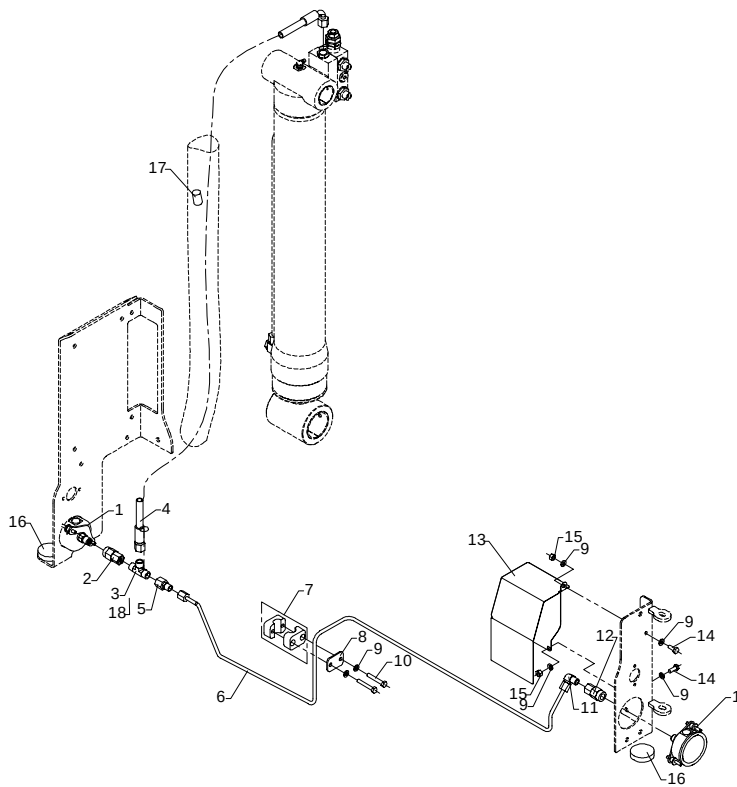
1.	62619	Hose 1/4 x 1500 L/L	2
2.	62605	Hose 1/4 x 2650 L/L	2
3.	31418	Clamp, Double	3
4.	30116	Steel Bolt, SS M6 x 35	



Load Indicator

45305600

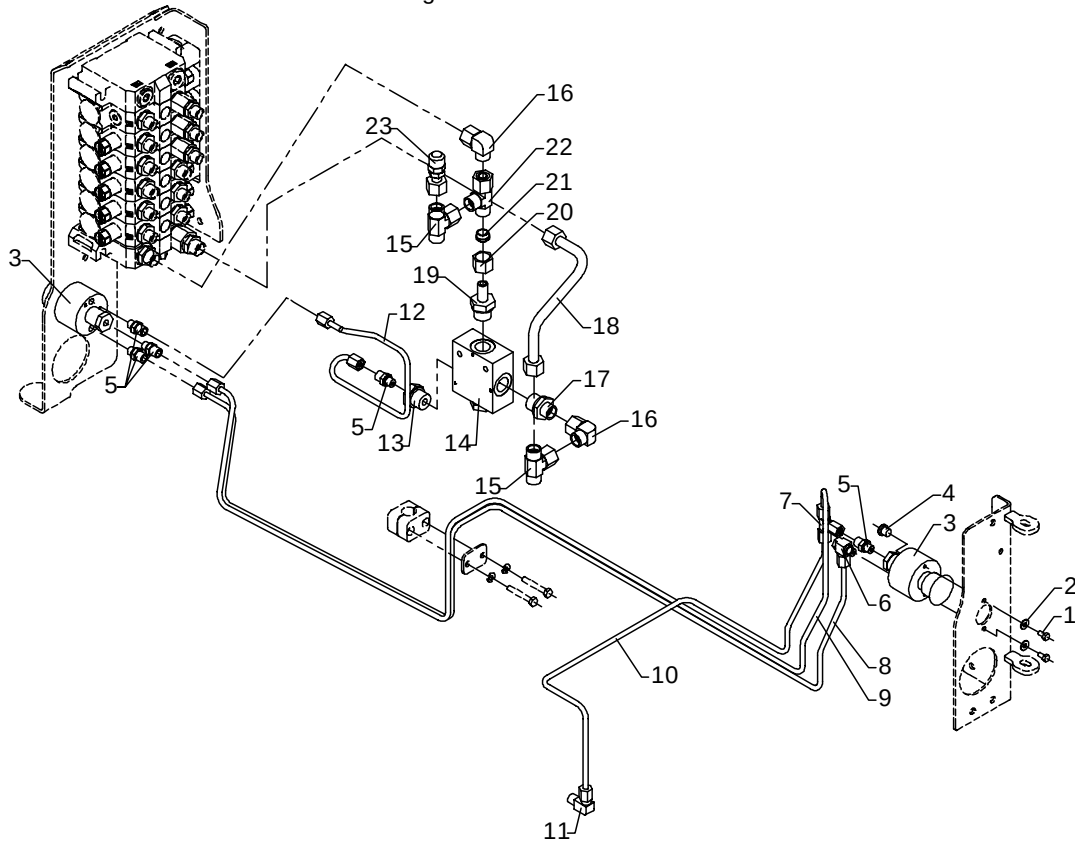
1.	60931	Pressure Gauge	2
2.	26370	V-Connection EMASD 8 LR	1
3.	25114	Connection TV 8 L	1
4.	62552	Hose 1/4 x 2650 L/90	1
5.	26830	Reducing Connection REDVD 8/6 L	1
6.	1320273	Pipe, Load Indicator	1
7.	31841	Clamp	1
8.	31839	Cover Plate	1
9.	32302	Face Washer, SS 6 mm	6
10.	30117	Steel Bolt, SS M6 x 40	2
11.	26832	Elbow Connection WV 6L	1
12.	26829	Pressure Gauge Connection EMASD 6 LR	1
13.	1320264	Protective Plate, Dual Control	1
14.	30112	Set Screw, SS M6 x 16	2
15.	30884	Lock Nut, SS M6	2
16.	59643	Level	2
17.	1282544	Rubber Plug	1
18.	25247	Connection WV 8 L	1



Hydraulic Emergency Stop

45305650

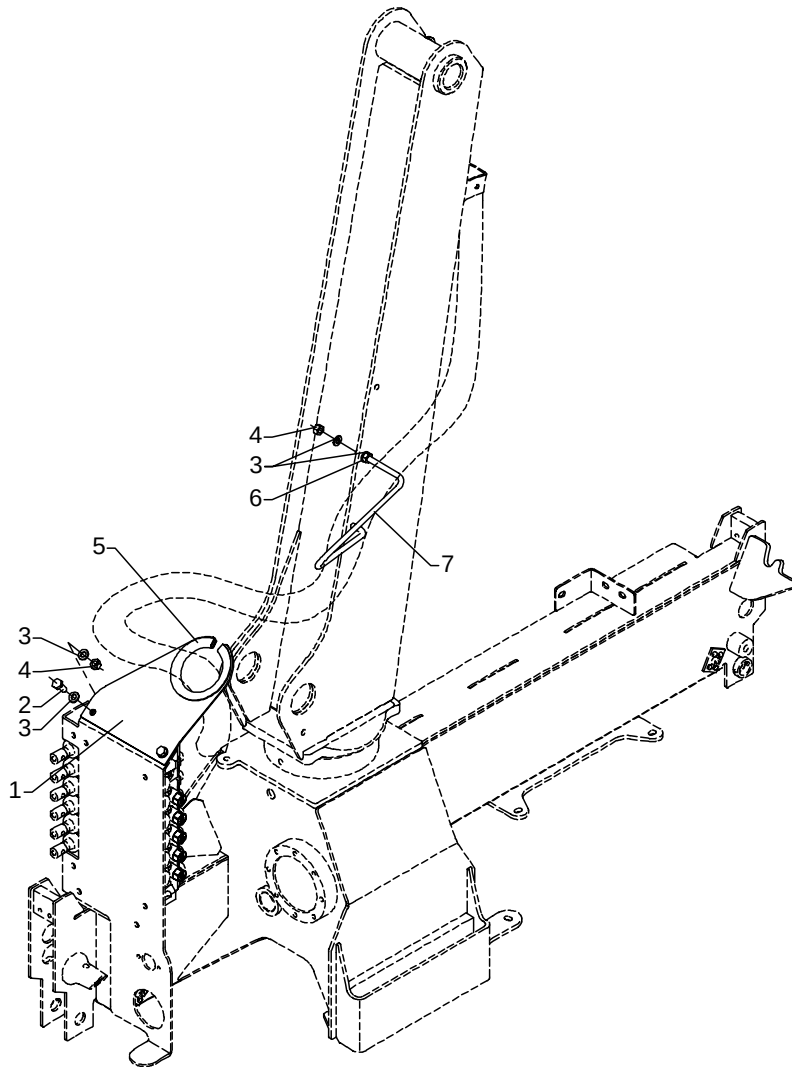
1.	30151	Set Screw, SS M5 x 10	4
2.	32308	Washer 5 mm	4
3.	58736	Stop Button	2
4.	25187	Plug VS-R-1/8 WD	1
5.	26189	Connection GEV 6 LR-WD	5
6.	25106	Banjo Connection RSWV 6 LR	1
7.	26173	Connection ETVD 6 L	1
8.	1320272	Pipe	1
9.	1320271	Pipe	1
10.	1320274	Pipe	1
11.	26831	Connection WEV 6 LR-1/4K	1
12.	1320269	Pipe	1
13.	26828	Reducing Nipple RED-R 1/2-WD/R 1/8	1
14.	58737	Relief Valve	1
15.	25212	Connection ETVD 12 L	2
16.	25242	Connection EWSD 12 L	2
17.	25108	Connection GEV 12 L/R 1/2-WD	1
18.	1320276	Pipe	1
19.	25126	Socket EGES 12 S/R 1/2 WDNV	1
20.	25183	Coupling Nut M12 L	1
21.	26117	Profile Ring R 12 L/S	1
22.	25270	Connection ELSD 12 L	1
23.	26147	Pressure-Gauge Connection	1



Hose Guide, C=3 o'clock

45305800

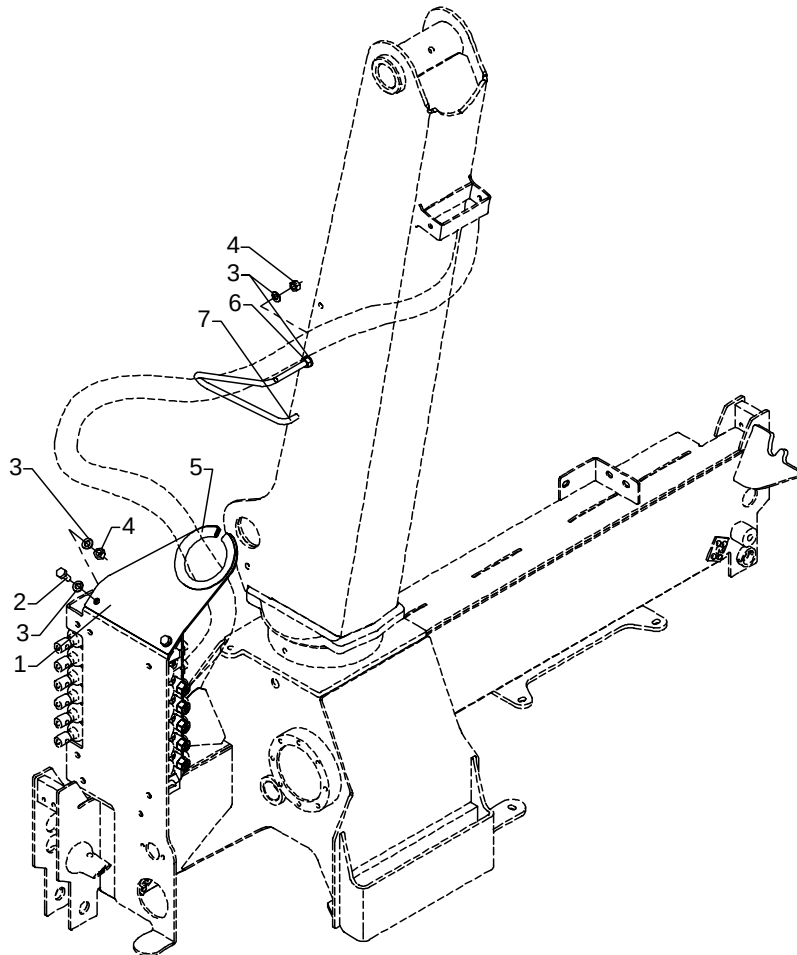
1.	1320283	Fitting, hose routing	1
2.	30132	Set Screw, SS M8 x 20	2
3.	31147	Washer SS 8 mm	6
4.	30886	Lock Nut, SS M8	3
5.	46596	Rubber Protection, 270 mm	1
6.	30856	Nut, SS M8	1
7.	1320285	Clamp	1



Hose Guide, C=6 o'clock

45305810

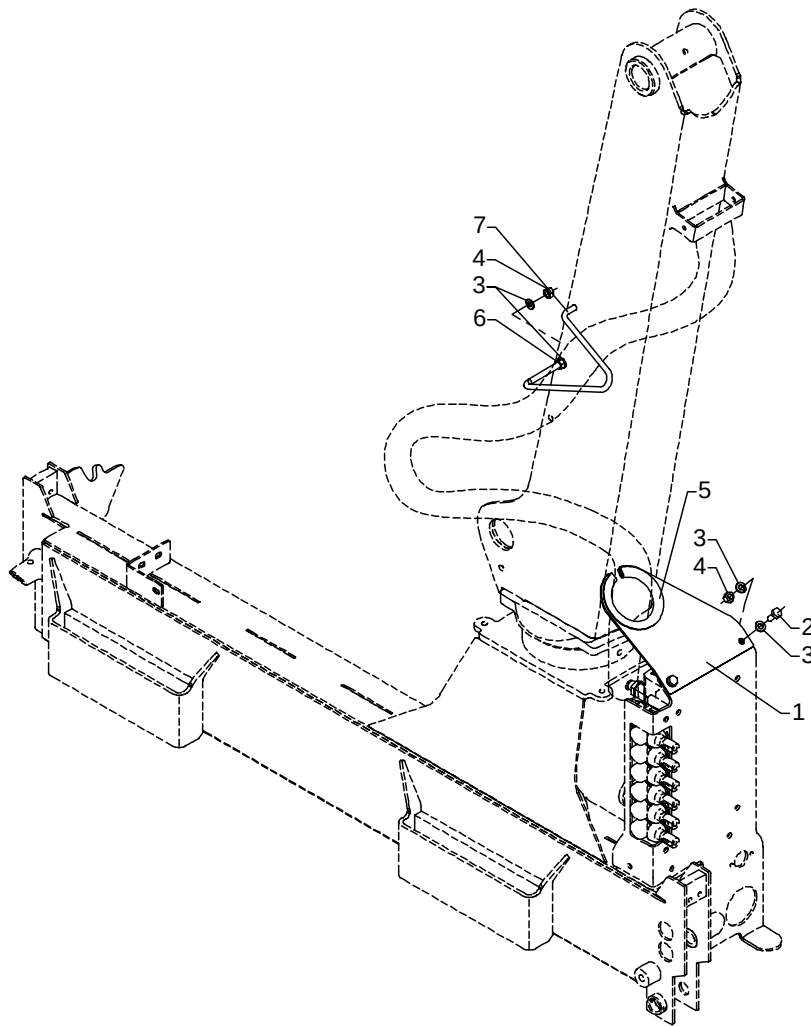
1.	1320283	Fitting, hose routing	1
2.	30132	Set Screw, SS M8 x 20	2
3.	31147	Washer SS 8 mm	6
4.	30886	Lock Nut, SS M8	3
5.	46596	Rubber Protection, 270 mm	1
6.	30856	Nut, SS M8	1
7.	1320285	Clamp	1



Hose Guide, C=9 o'clock

45305820

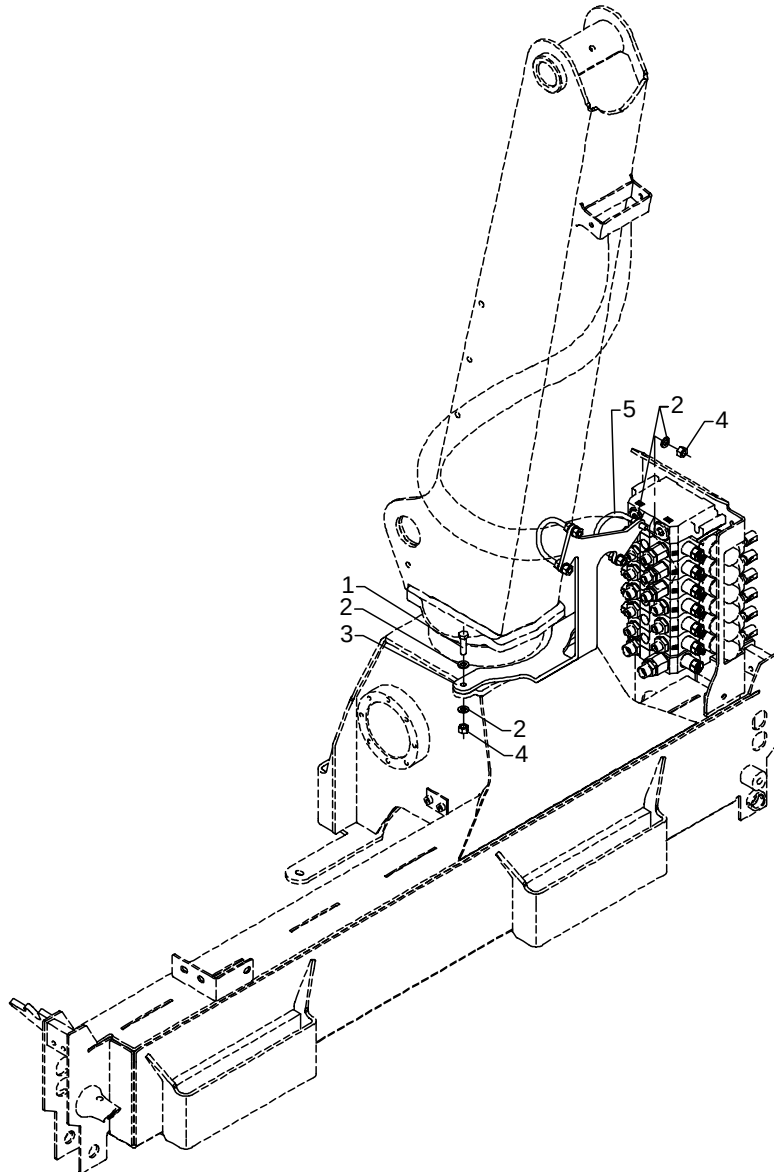
1.	1320283	Fitting, hose routing	1
2.	30132	Set Screw, SS M8 x 20	2
3.	31147	Washer SS 8 mm	6
4.	30886	Lock Nut, SS M8	3
5.	46596	Rubber Protection, 270 mm	1
6.	30856	Nut, SS M8	1
7.	1320285	Clamp	1



Hose Guide, C=12 o'clock

45305830

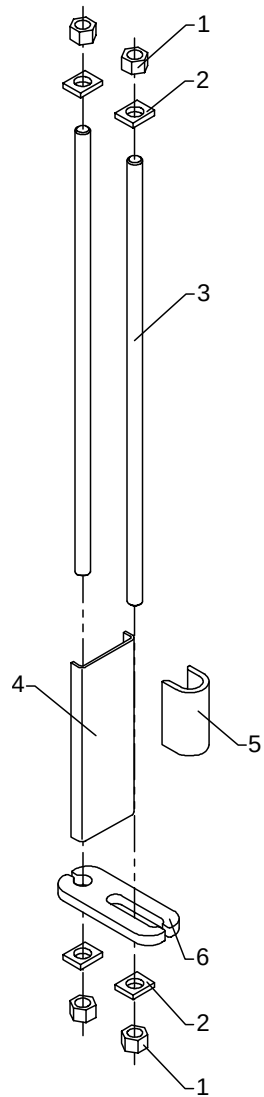
1.	30135	Set Screw, SS M8 x 30	2
2.	31147	Washer SS 8 mm	12
3.	1320282	Hose Bracket	1
4.	30886	Lock Nut, SS M8	6
5.	31419	Clamp	2



Mounting Fittings

45306100

1.	30894	Lock Nut M20	12
2.	66110	Washer	12
3.	66044	Pin M20 x 700	6
4.	1234544	U-Section	3
5.	6659914	U-Section	3
6.	1234534	Clamp	3



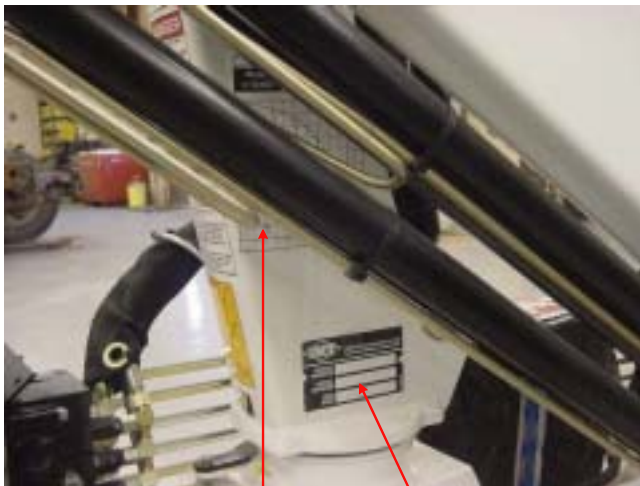
Decal Kit (95718010-1)

- | | | | |
|----|----------|-----------------------------------|---|
| 1. | 70396330 | Decal, 3.1/22 ID | 2 |
| 2. | 70396327 | Decal, Capacity Placard 3.1/22 K1 | 2 |
| | 70396328 | Decal, Capacity Placard 3.1/22 K2 | 2 |
| | 70396329 | Decal, Capacity Placard 3.1/22 K3 | 2 |



SELECT PROPER
CONFIGURATION

- 3.1/22-K1 - Decal 70396327
3.1/22-K2 - Decal 70396328
3.1/22-K3 - Decal 70396329

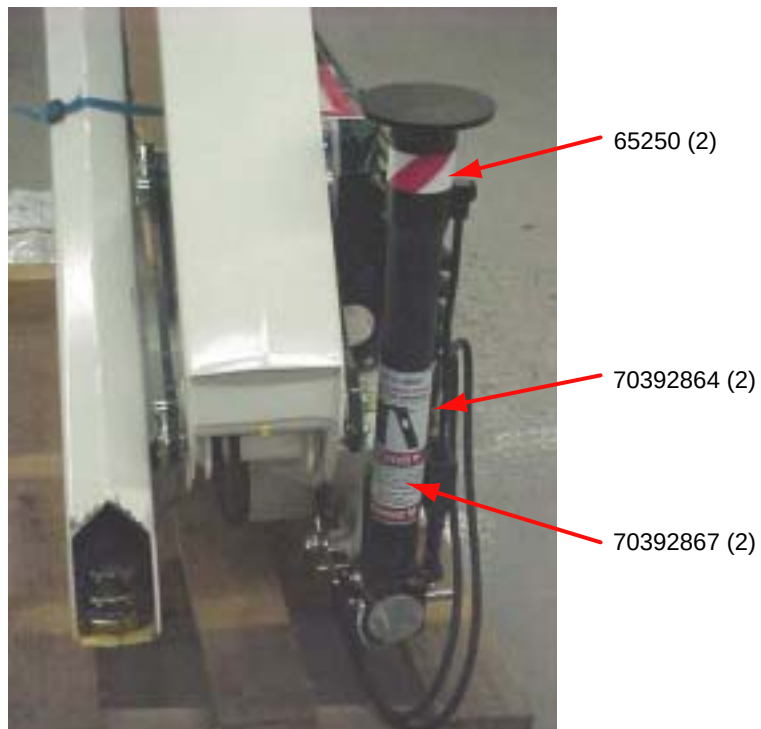


SELECT PROPER
CONFIGURATION

- 3.1/22-K1 - Decal 70396327 70029119
3.1/22-K2 - Decal 70396328
3.1/22-K3 - Decal 70396329

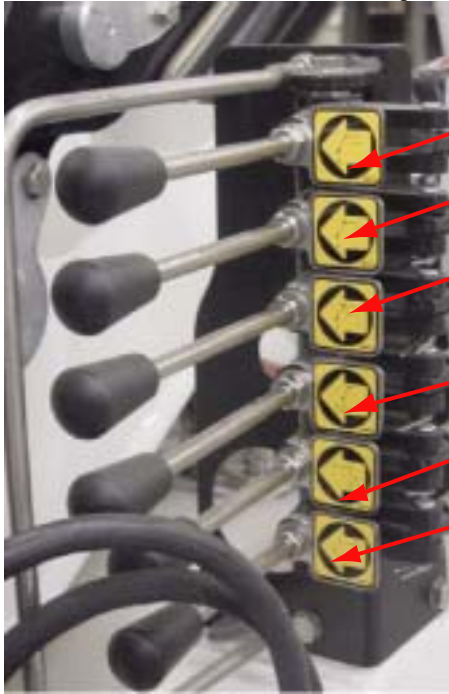
Decal Kit (95718010-2)

1.	70396330	Decal - I.D. 3.1/22	2 REF
2.	65250	Safety Decal	2
3.	70392864	Decal-Danger, Outrigger Stand Clear	2
4.	70392867	Decal-Danger, Outrigger Moving	2



Decal Kit (95718010-3)

- | | | |
|----|-------|------------------------|
| 1. | 66470 | Decal, extension |
| 2. | 66471 | Decal, outer boom |
| 3. | 66472 | Decal, inner boom |
| 4. | 66473 | Decal, rotation |
| 5. | 66474 | Decal, right outrigger |
| 6. | 66476 | Decal, emergency stop |



Controls - Streetside



Controls - Curbside

Decal Kit (95718010-4)

1.	70392888	Decal - Danger Stowing/Unfolding	2
2.	70392866	Decal - Danger, Operating Conditions	2
3.	70392815	Decal - Danger, Operation	1
4.	70392814	Decal - Danger, Operator Training	1
5.	66486	Decal - Crane Functions	1
6.	65833	Decal - Stowing Arrow	3
7.	66482	Decal - Lubrication	1
8.	65141	Decal - Caution, Electric	
9.	70392890	Decal - Danger Fold/Unfold	2
10.	70394189	Decal - MobilOil Reservoir	1
11.	70392863	Decal - Danger, Hoisting Personnel	1

DECALS MOUNTED ON BACK OF MAST



DECALS STREET SIDE



Decal Kit (95718010-5)

1.	70392890	Decal - Danger Stow/Unfold	2REF
2.	65833	Decal - Stowing Arrow	2
3.	65507	Decal - Chain	1



DECAL – CURB SIDE SLEW TUBE

70392890

65507

65833 (2)

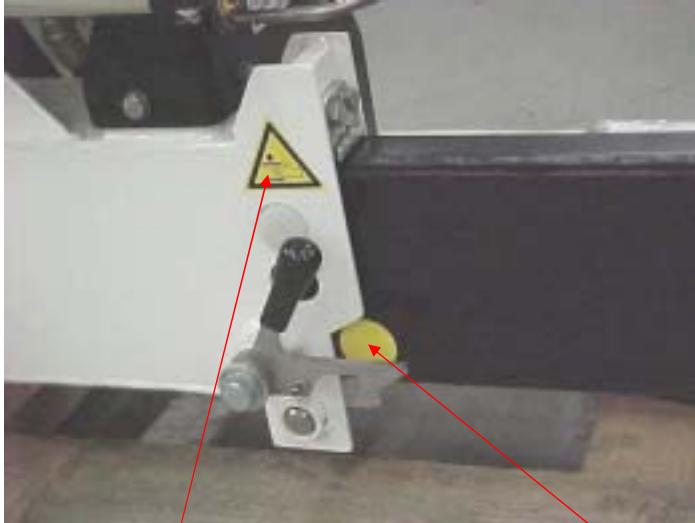


DECALS – TOP OF MAST & INNER BOOM

Decal Kit (95718010-6)

1.	66469	Decal, Pinch Hazard	2
2.	66467	Decal - Warning	2
3.	64707	Decal	4

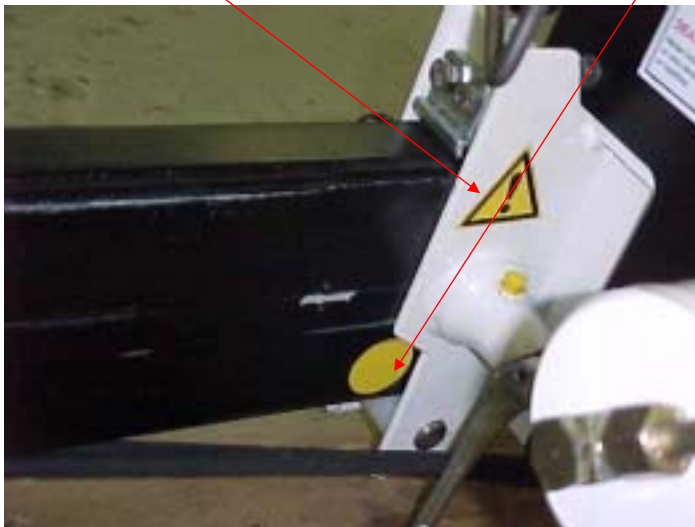
DECALS – STABILIZER SS VIEW #1



66469

64707 (2)

66467



DECALS – STABILIZER SS VIEW #2

Decal Kit (95718010-7)

1.	66467	Decal - Warning	2
2.	64707	Decal	4
3.	66469	Decal - Pinch hazard	2
4.	64909	Decal - Minimum Fill Line	1

DECAL – STABILIZER BEAM
CS VIEW #1



DECAL – STABILIZER BEAM
CS VIEW #2



MIN FILL LINE DECAL

