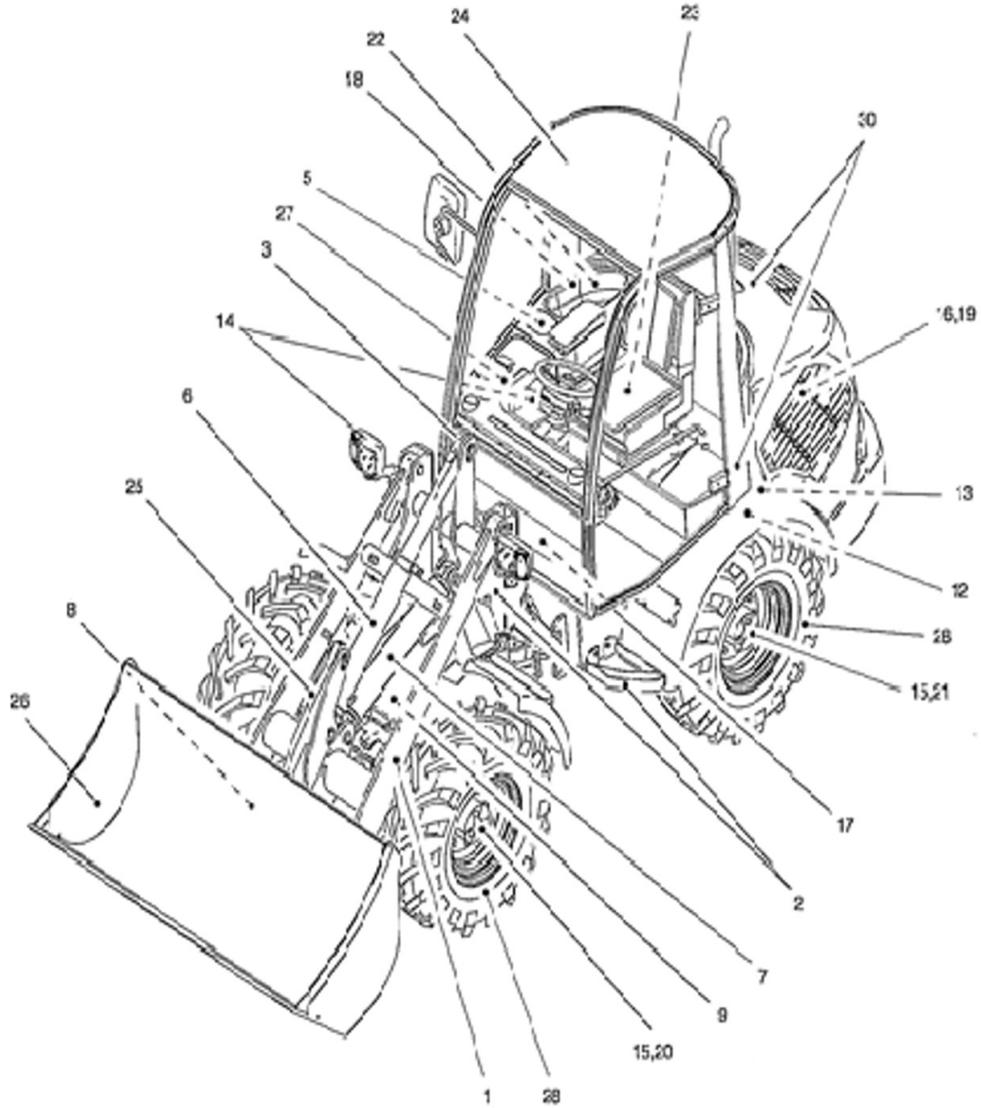


TW50

Book No. 8016563
Serial No. E104063~

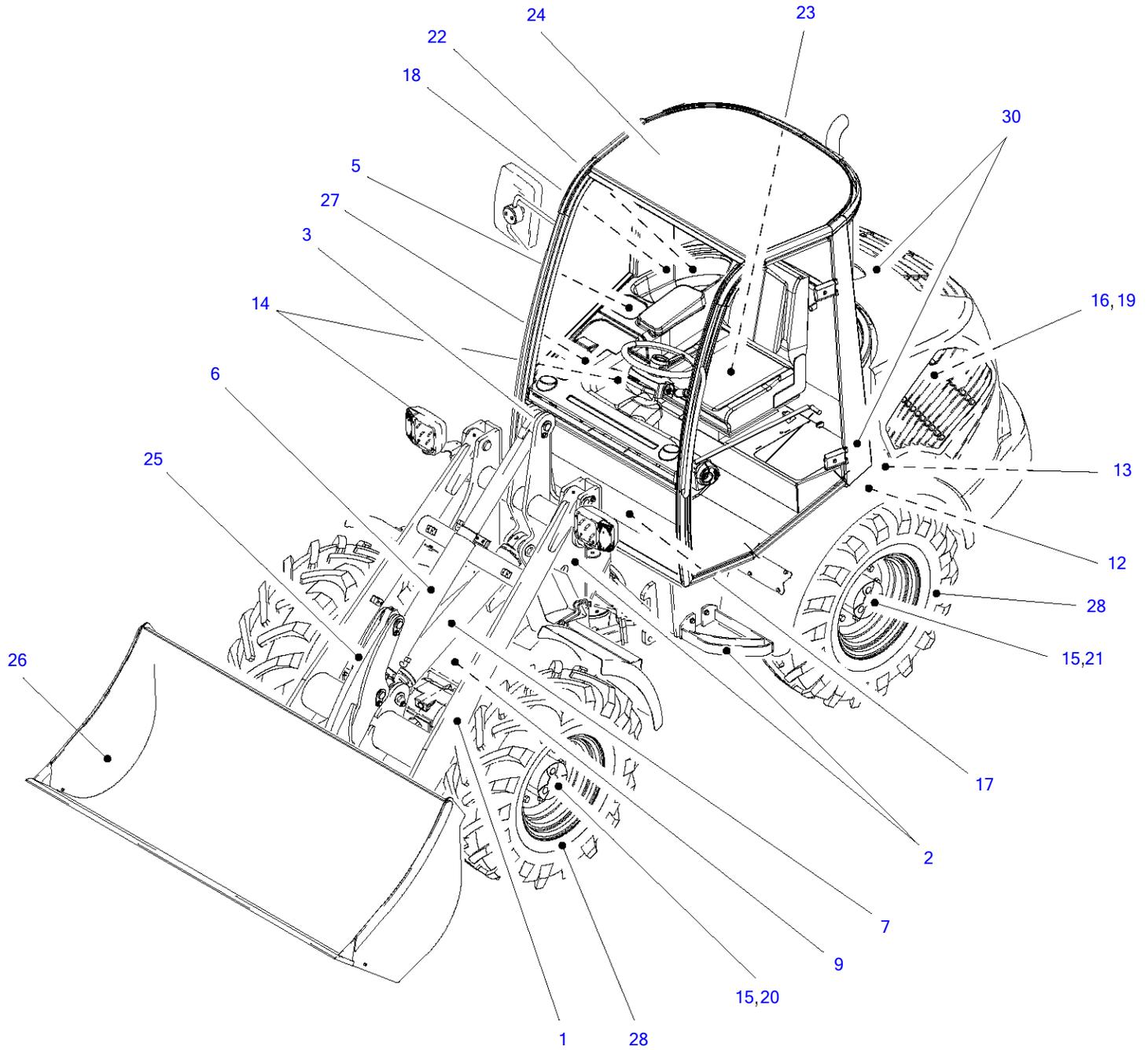


Product: Takeuchi TW50 Wheel Loader Parts Manual(Book No.8016563/8017699)

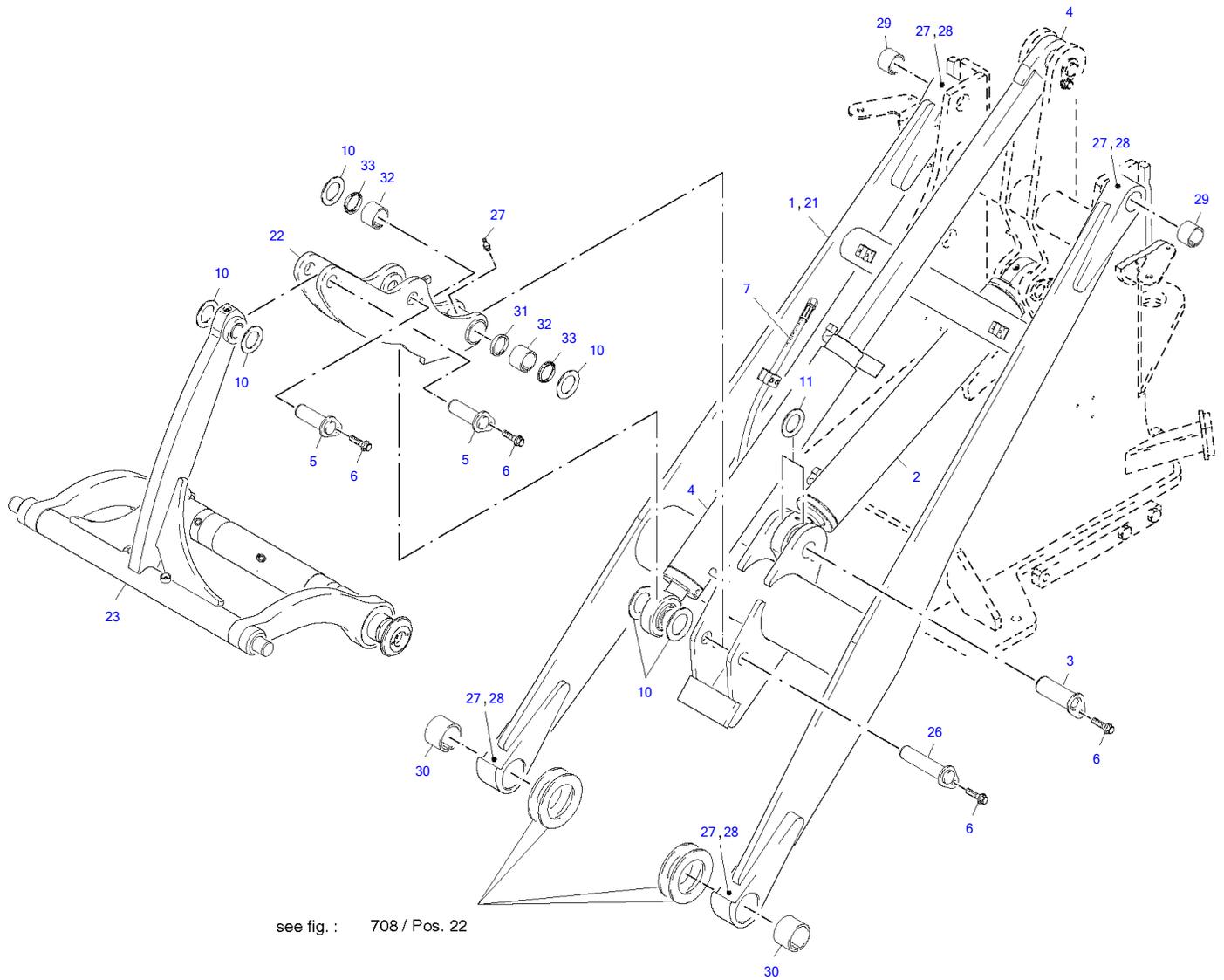
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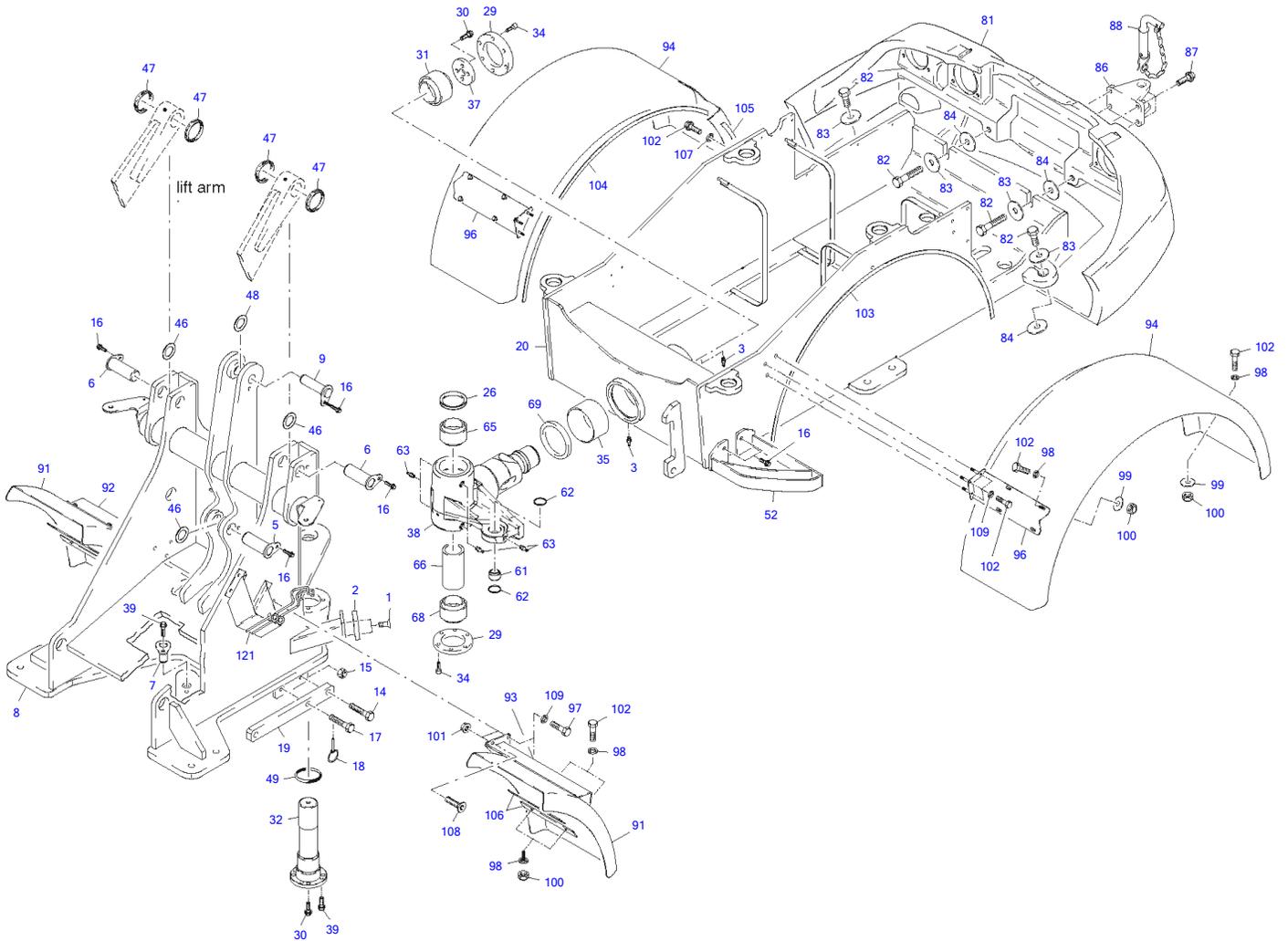
Item	Part number	Description	Main			
			Q'ty	Chan.	Serial No.	Serv. Remarks
1	8017301	Lifting Unit				
2	5820059	Base Frame				
3	5820072	Steering Hydraulics				
	5820069	Working Hydraulics				
	8016949	Return Hydraulics				
	5820070	Driving Hydraulics				
	8016629	Hydraulic System QRC				
	8012416	Locking Device				
5	5820138	Directional Valve				
	8002252	Brake Throttle Valve				
6	3762245	Working Ram				
7	8000638	Lifting Ram				
9	3959515	Steering Ram				
12	5820062	Hydraulic Tank Compl				
13	5820066	Retrun Filter				
14	5820074	Electric System				
	8016811	Electric System (Canopy)				
	8008597	Printed Circuit Compl				
	8012903	Working Headlights				
15	5820056	Drive Set				
16	8016801	Diesel Engine				
	8016950	Exhaust System				
17	8014176	Foot Pedal Mechanism				
18	8016941	Air Filter System				
19	5820115	Oil Pressure Pump Compl				
	8019516	Oil Pressure Pump 12V				
20	8019522	Oil Motor				
	5820057	Front Axle				
21	8014145	Front Axle Pipe				
	5820058	Rear Axle				
	8014145	Rear Axle Pipe				
	8009421	Rear Axle Multiple				
22	8019993	Fuel System				
23	8013032	Driver's Seat Compl				
24	8016507	Cabin Canopy				
	8012821	FOPS-Grating Compl				
	8020364	Window Panes Kit				
	8013842	Cabin Door Compl				
	8015598	Hinged Rear Side Window				
	8014357	Covering Canopy				
	8015046	Protective Canopy				
	8014185	Steering Column Compl				
25	8010455	Hyd Quick Release Eq				
26	3705155	Pallet Fork Compl				
27	8020453	Heating Kit				
28	8016620	Decals & Accessories				
	8016643	Protective Hoses				
30	8018800	Filter Set				
	5820078	Covering Compl				
	8016808	Engine Hood Compl				



see fig. : 708 / Pos. 22

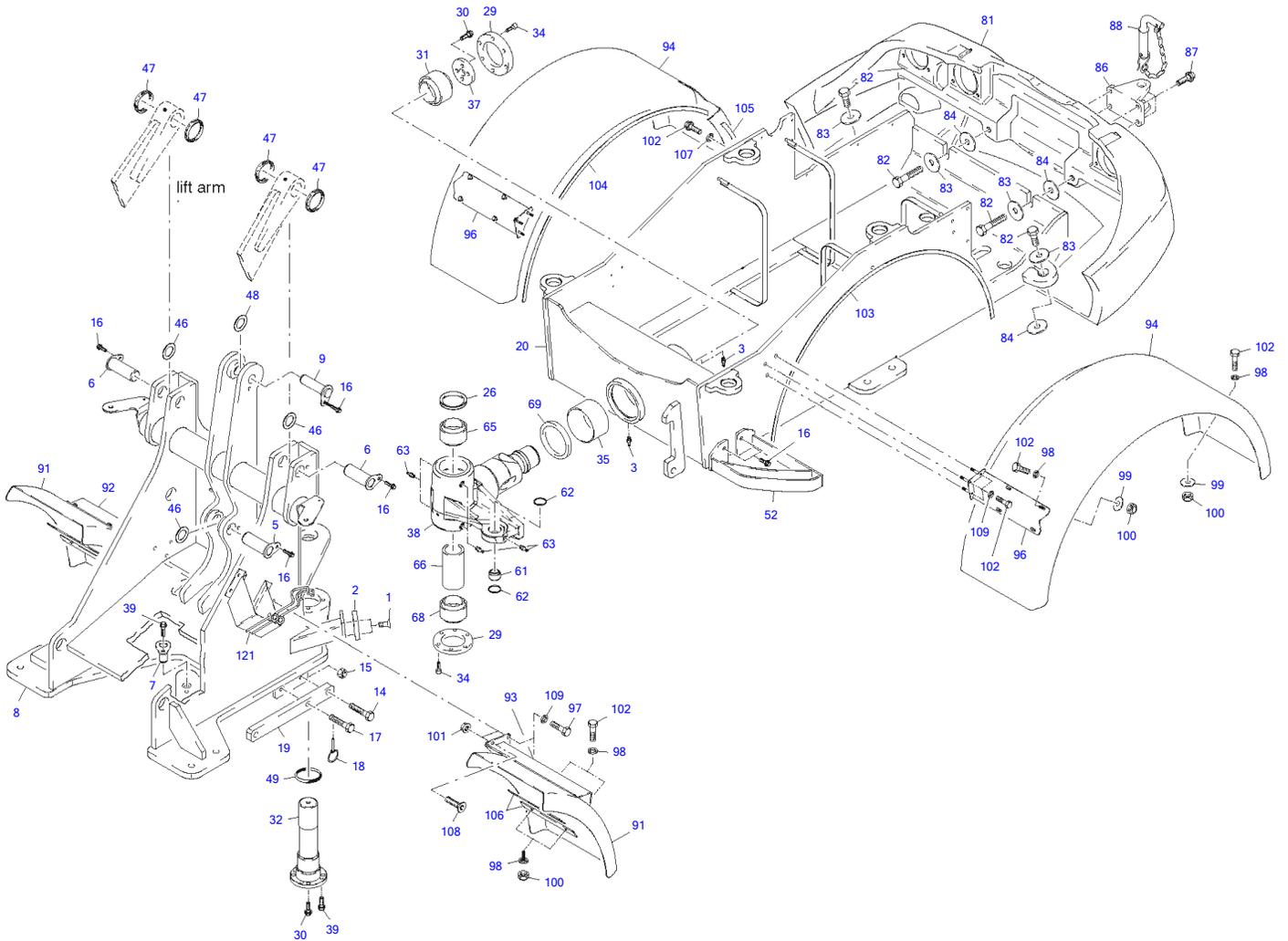
Item	Part number	Description	Lifting Unit			Remarks
			Q'ty	Chan.	Serial No.	
	8016628	Lifting Unit	1			
	8016631	Hydraulic Lifting Unit	1			
1	5820015	Lifting Unit	1			
2	8000638	Lifting Ram	1			
3	5820013	Bolt Compl	1			
4	3762245	Working Ram	1			
5	1009385	Bolt Compl	2			
6	1783337	Serrated Hex Head Screw	4			
7	8016629	Hydraulic QRC	1			
10	4674104	Shim 1.0 MM	1			
	8001149	Shim 1.5 MM	1			
	4626253	Shim 2.0 MM	1			
11	8004668	Disk 1.0 MM	1			
	8004669	Disk 1.2 MM	1			
	8004670	Disk 1.5 MM	1			
	8004671	Disk 2.0 MM	1			
21	5820016	Boom Compl	1			
22	5820011	Shift Lever Compl	1			
23	8010455	Hyd Quick Release Eq	1			
26	5820290	Pin Compl	1			
27	0324590	Grease Nipple	5			
28	2985537	Threaded Pin	4			
29	8012304	Split Bush	2			
30	8004389	Split Bush	2			
31	1746752	Split Bush	1			
32	8012367	Split Bush	2			
33	8001980	Wiper Seal	2			

TW50 Book No. 8016563 08.06 S/N E104063
Base Frame



Item	Part number	Description	Base Frame Q'ty	Chan.	Serial No.	Serv.	Remarks
	5820059	Base Frame	1				
1	1307171	Countersunk Screw A3C	4				
2	5820162	Stop Plate	2				
3	0324590	Grease Nipple	2				
5	8017591	Bolt Compl	1				
6	8017590	Bolt Compl	2				
7	8017579	Bolt Compl	1				
8	5820012	Frame Front	1				
9	8017583	Bolt Compl	1				
14	1627236	Hex Head Screw A3C	1				
15	0327322	Nut A3C	1				
16	1783337	Serrated Hex Head Screw	6				
17	1014053	Special Screw	1				
18	1011163	Split Pin	1				
19	5820128	Safety Rod Compl	1				
20	5820000	Rear Frame Perkins	1				
	8016927	Rear Frame Deutz	1				
26	0884177	V-Ring	1				
29	0896740	Disk	2				
30	0884166	Self-Locking Bolt	8				
31	2919388	Spherical Bearing	1				
32	3923820	Pin	1				
34	0321371	Hex Head Cap Screw	12				
35	2441632	Bush	1				
37	0896773	Disk	1				
38	3741477	Artic Pend Joint	1				
39	3762610	Self-Locking Bolt	5				
46	8004668	Disk 1.0 MM	1				
	8004669	Disk 1.2 MM	1				
	8004670	Disk 1.5 MM	1				
	8004671	Disk 2.0 MM	1				
47	1673458	Wiper Seal	4				
48	4674104	Shim 1.0 MM	1				
	8001149	Shim 1.5 MM	1				
	4626253	Shim 2.0 MM	1				
49	2916363	O-Ring	1				
52	8013759	Left Climb Bracket	1				
61	0447032	Spherical Bearing	1				
62	0318069	Circlip Tone 40	2				
63	0300569	Grease Nipple	5				
65	2919399	Spherical Bearing	1				
66	0896751	Spacer	1				
68	2919388	Spherical Bearing	1				
69	0896762	Distance Ring	1				
81	5820061	Counter Weight	1				
82	1618393	Hex Head Screw A3C	4				
83	1781813	Disk	4				
84	3930885	Washer A3C 2.0 MM	1				
	3930896	Washer A3C 3.0 MM	1				
	1781802	Washer A3C 4.0 MM	1				
	3930909	Washer A3C 5.0 MM	1				
86	3944949	Draw Bar Coupling	1				
87	2993151	Serrated Hex Head Screw	4				
88	3944574	Pin	1				
91	5820097	Front Fender	2				
92	8015855	Right Holder Compl	1				
93	8015858	Left Holder Compl	1				
94	5820099	Right Rear Fender	1				
95	5820100	Left Rear Fender	1				
96	5820101	Holder Compl	2				
97	0893189	Hex Head Screw A3C	4				
98	0863138	Washer A3C	32				
99	2481254	Ripp Washer A3C	16				
100	0399760	Nut A3C	24				
101	1722787	Serrated Nut	6				
102	0893214	Hex Head Screw A3C	31				
103	1898686	Packing Strap 1710 MM	1				
104	1898686	Packing Strap 1280 MM	1				

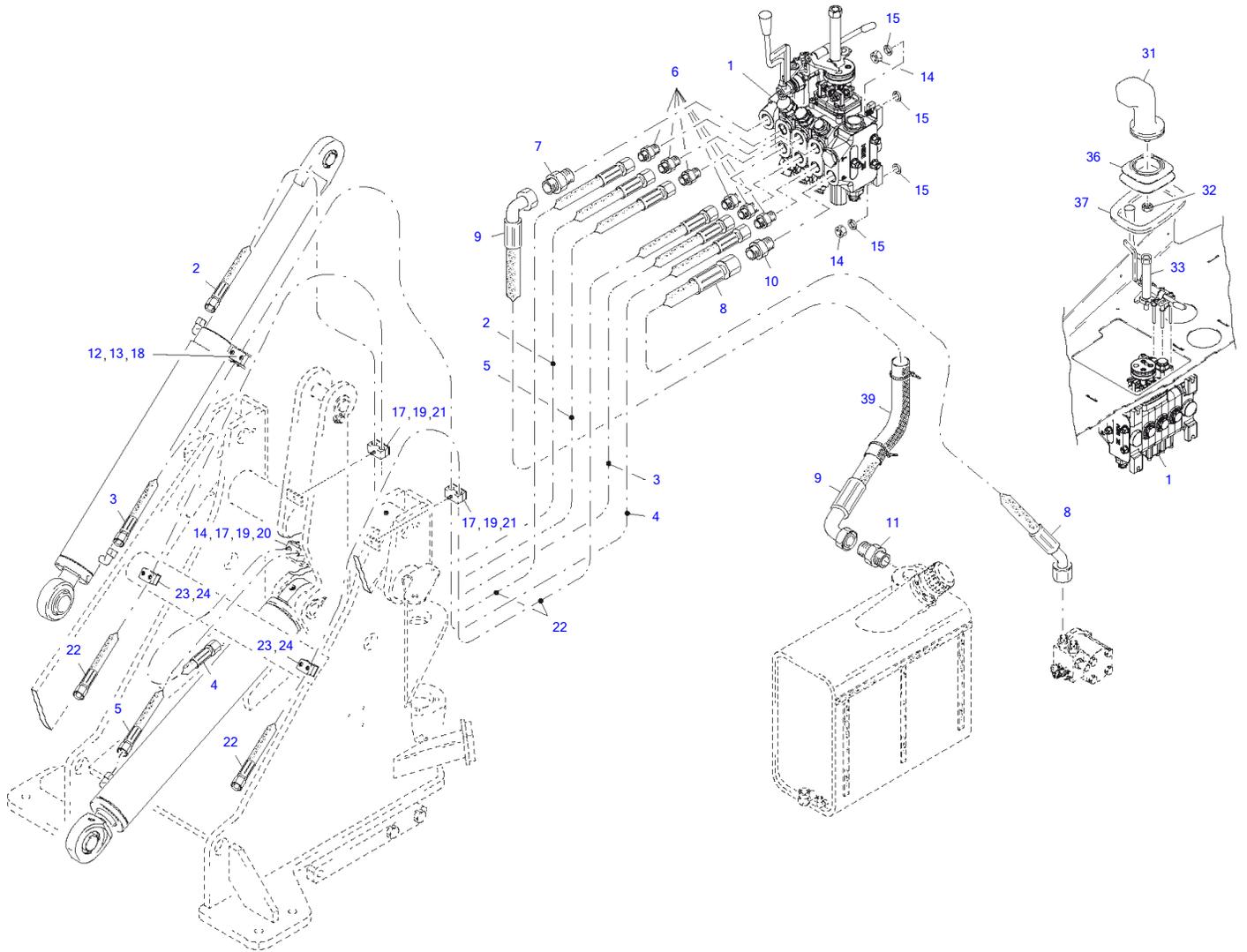
TW50 Book No. 8016563 08.06 S/N E104063
Base Frame



Item	Part number	Description	Base Frame Q'ty	Chan.	Serial No.	Serv.	Remarks
105	1898686	Packing Strap 320 MM	1				
106	5820170	Plate	4				
107	2481254	Ripp Washer A3C	1				
108	1398385	Countersunk Screw A3C	2				
109	3939464	Ripp Washer A3C	10				
121	5820078	Wedge Holder	1				

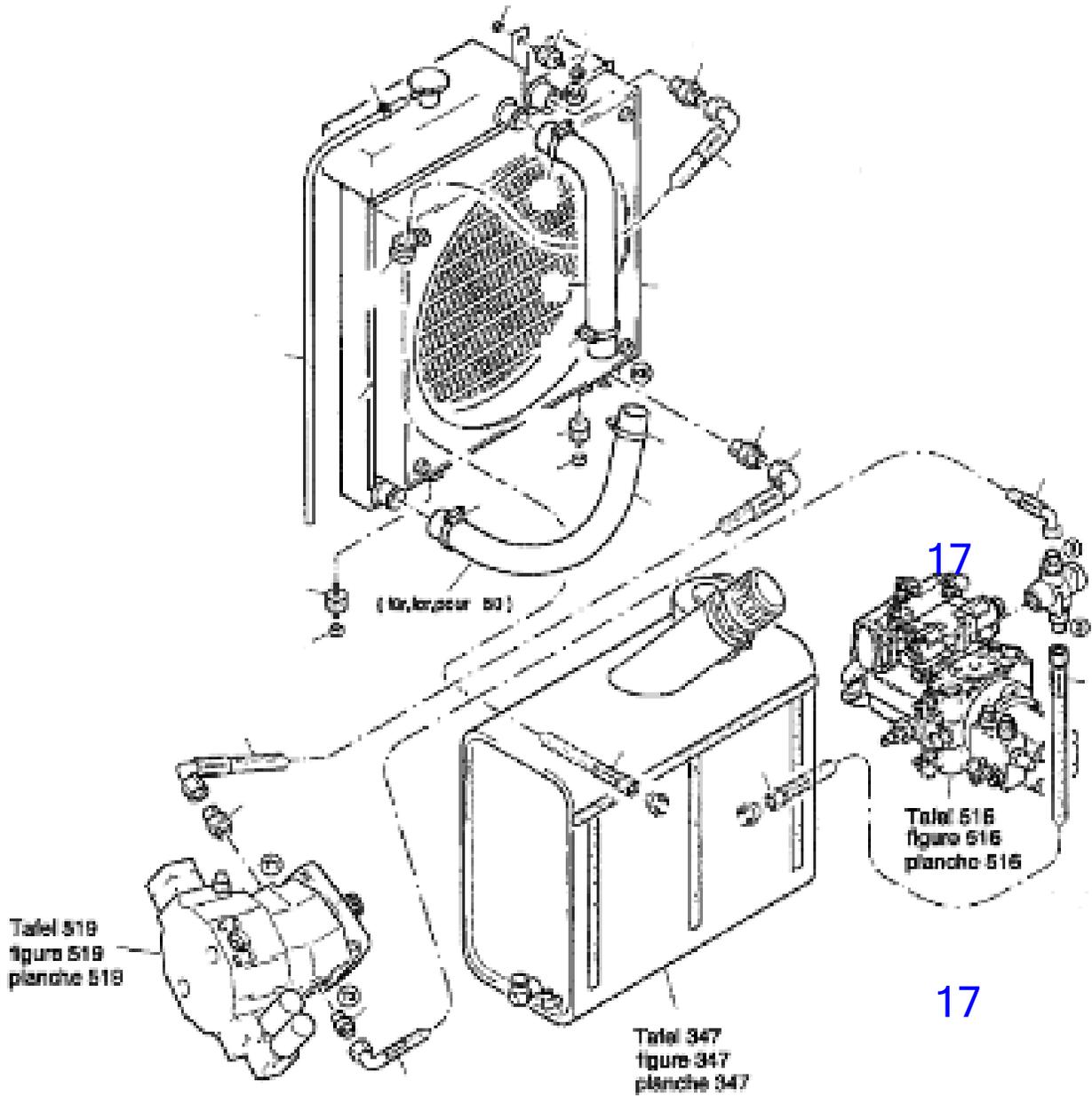
Steering Hydraulics

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
	5820072	Steering Hydraulics	1				
1	3959515	Steering Ram	1				
2	2912052	HP-Hose 10 X 1550	1				
3	1002184	Countersunk Screw A3C	1				
4	1745591	Disk	1				
5	1388656	Spring Washer A3C	1				
6	0323624	Split Bush	1				
7	1666948	Coupling A3C	2				
8	8007438	HP-Hose 13 X 1975	1				
9	8017579	Bolt Compl	1				
10	2990216	Self-Locking Bolt	4				
11	3757840	Block	4				
12	5820062	Hydraulic Tank Compl	1				
13	5820175	Plate Compl	1				
14	2481254	Ripp Washer A3C	2				
15	0410073	Hex Head Screw A3C	2				
16	0909224	Profile Rubber 800 MM	1				
17	0893418	Hex Head Screw A3C	4				
18	5820274	Clip Norma	1				
19	5820151	Suction Hose 32 X 750	1				
20	2481696	Coupling A3C	3				
21	5820178	LP-Hose 13 X 950	1				
22	1307104	Hex Head Screw A3C	1				
23	2481243	Ripp Washer A3C	1				
25	0399760	Nut A3C	2				
26	2456833	Coupling A3C	1				
29	8013906	Half Flange Compl	1				
31	8012344	HP-Hose 10 X 1600	1				
32	3750412	HP-Hose 8 X 2200	1				
33	8011864	Steering Valve	1				
34	0909224	Profile Rubber 650 MM	1				
35	0893189	Hex Head Screw A3C	1				
36	0874960	Cover Plate Galvanized	1				
37	2912085	Clip Body	1				
39	1722787	Serrated Nut	1				
40	3698917	Clip Norma	1				
41	2449607	Serrated Hex Head Screw	1				



Working Hydraulics

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
	5820069	Working Hydraulics	1				
	8015021	Rear Working Hydraulics	1				
	8015072	Front Working Hydraulics	1				
1	5820138	Directional Valve	1				
2	5820176	HP-Hose 10 X 3150	1				
3	5820153	HP-Hose 10 X 3750	1				
4	5820177	HP-Hose 10 X 2600	1				
5	5820152	HP-Hose 10 X 2750	1				
6	1666948	Coupling A3C	6				
7	1686395	Coupling A3C	1				
8	8012343	HP-Hose 13 X 2500	1				
9	5820192	LP-Hose 20 X 1700	1				
10	2481696	Coupling A3C	1				
11	1685612	Coupling A3C	1				
12	2997586	Clip Body	1				
13	2640735	Lens Head Screw H A3C	2				
14	0399760	Nut A3C	4				
15	2481254	Ripp Washer A3C	6				
17	2912085	Clip Body	3				
18	2014395	Hose 30 MM	1				
19	0874960	Cover Plate Galvanized	3				
20	1336869	Hex Head Screw A3C	1				
21	0893189	Hex Head Screw A3C	2				
22	3976232	HP-Hose 10 X 3150	4				
23	2912074	Clip Body	2				
24	1780969	Lens Head Screw H A3C	4				
31	8011878	Joystick	1				
32	8011932	Nut A3C	1				
33	8012416	Locking Device	1				
36	8012369	Siphon	1				
37	8012875	Profile Rubber	1				
39	0916665	Hose 130 MM	1				

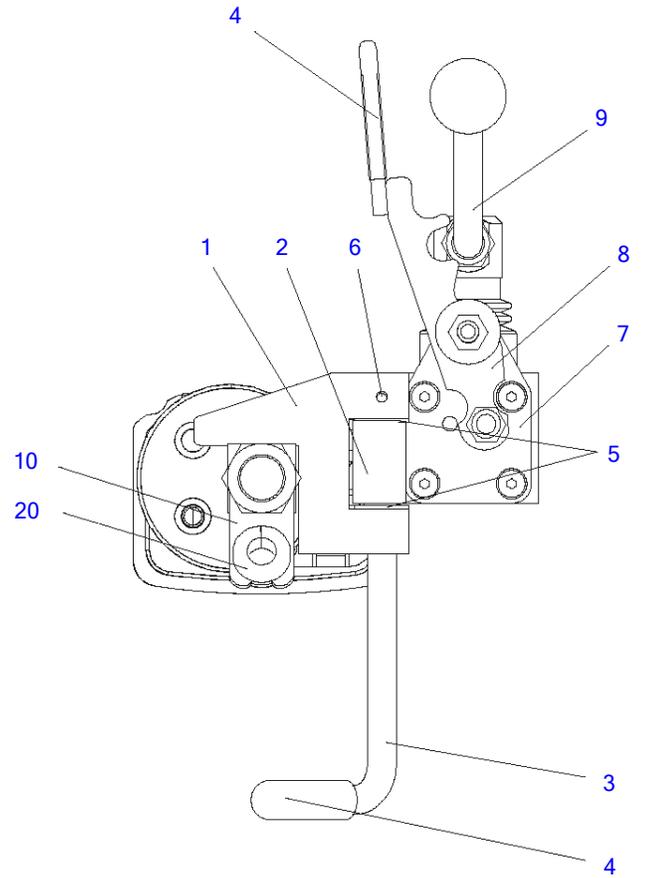
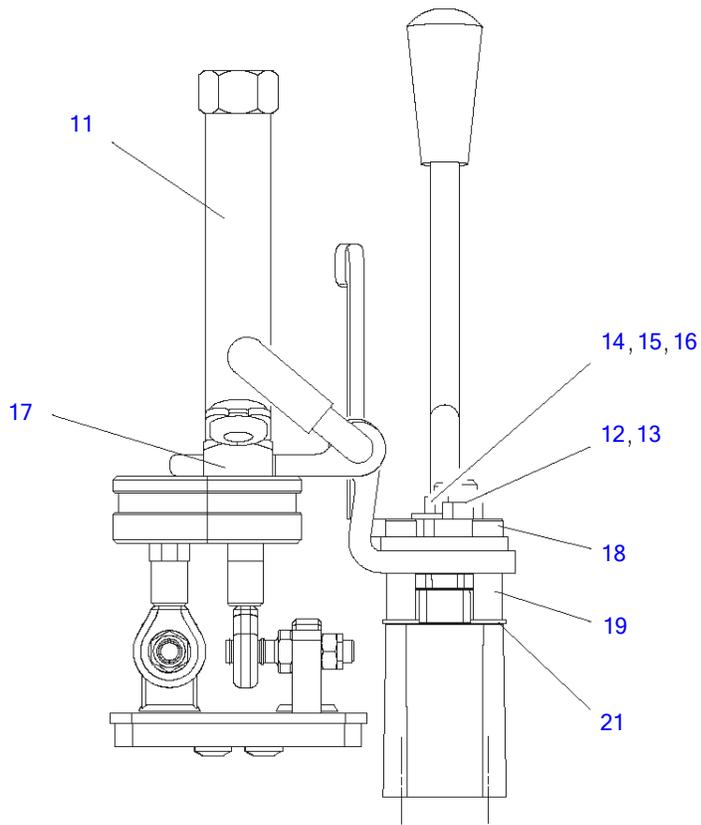


Return Hydraulics

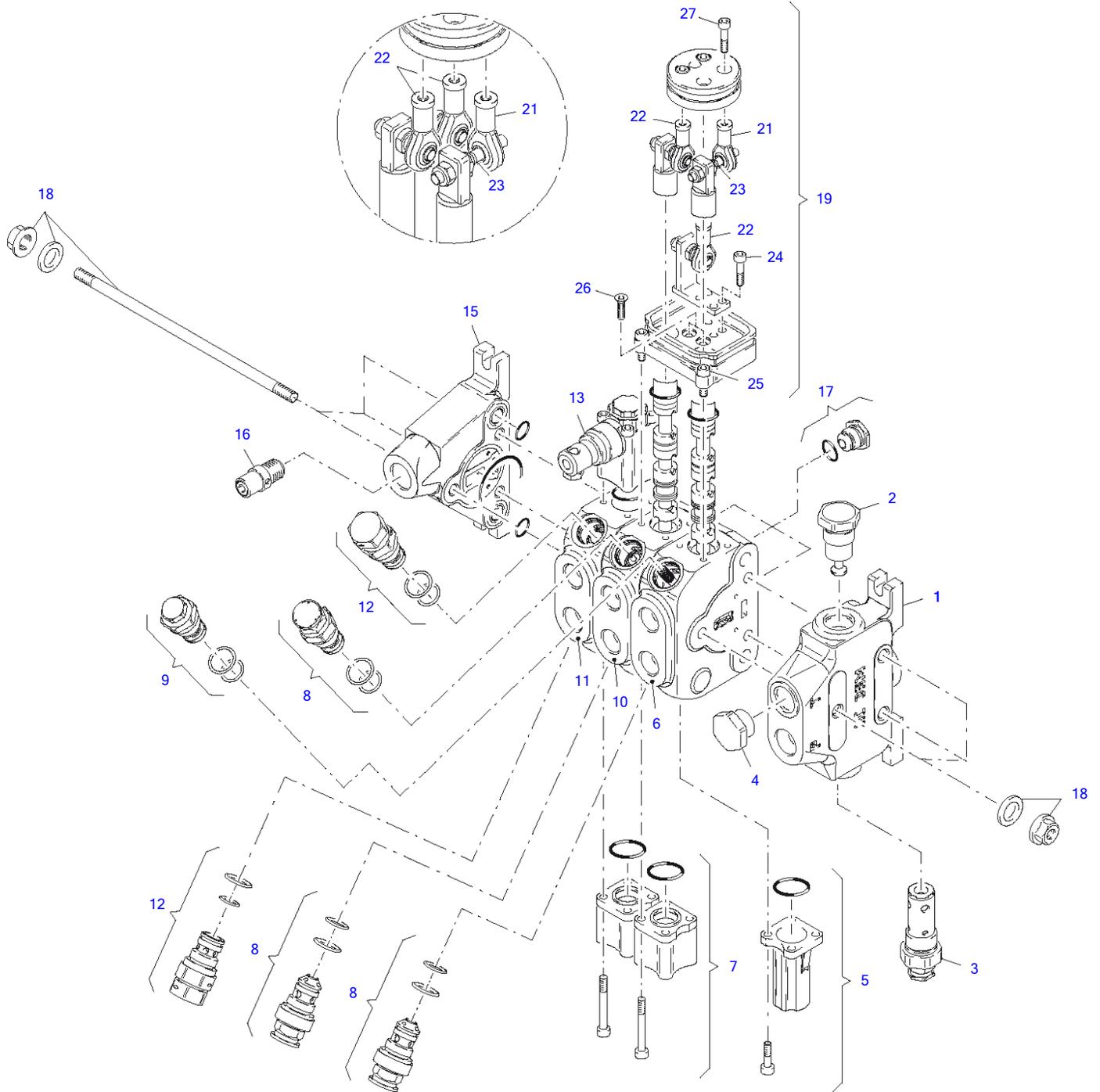
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
	5820071	Return Hydraulics	1				
1	5820092	Radiator	1				
2	5820095	Radiator Hose	1				
3	5820096	Radiator Hose	1				
4	1722787	Serrated Nut	4				
5	0442106	Rubber Buffer	3				
6	0390158	Clip	4				
7	1898686	Packing Strap 2070 MM	1				
8	8012480	LP-HOSE 16 X 1300mm					
9	5820276	LP-Hose 16 X 1550	1				
10	5820164	LP-Hose 16 X 625	1				
11	8012347	LP-Hose 16 X 1425	1				
12	2904234	Coupling A3C	1				
14	2673234	Coupling A3C	2				
15	2443587	Clip Norma	1				
16	2986947	Heating Hose 820 MM	1				
17	2983137	Clip Norma	1				
30	8015987	Protective Grid Kit	1				

Driving Hydraulics

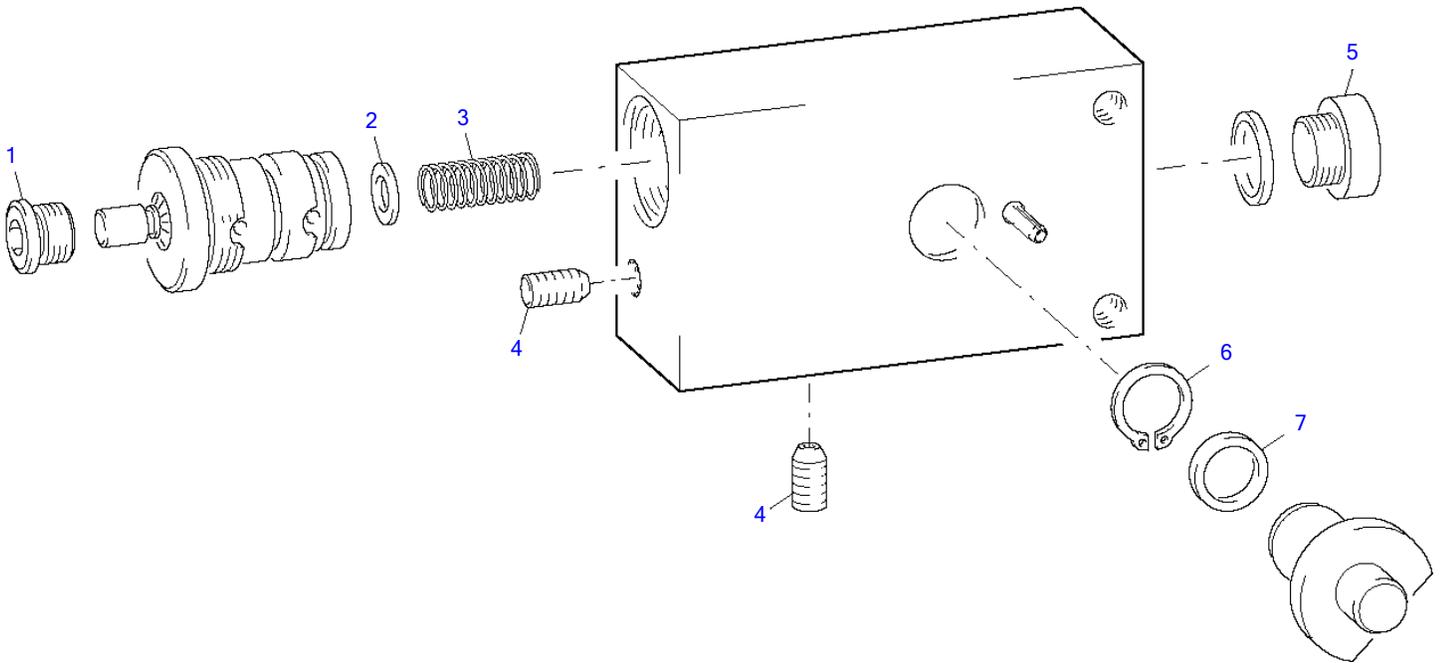
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
	5820070	Driving Hydraulics	1				
1	1616551	Screw Coupling	1				
2	8012839	Half Flange Compl	2				
5	1689194	Coupling A3C	1				
6	3763871	Hose Line 6 X 925	1				
7	5820159	Hose Line	1				
8	8011955	Half Flange Compl	2				
11	0350898	Usit Ring U	7				
12	0862944	Female Screw a3C	1				
13	5820156	HP-Hose 20 X 1400	1				
14	5820157	HP-Hose 20 X 1850	1				
15	2980827	Female Screw A3C	2				
16	2970916	Coupling Compl	1				
17	5820158	Hose Line 6 X 1850	1				
18	5820180	Suction Hose 20 X 950	1				
19	3765884	Hose Line 6 X 550	1				
21	0311528	Female Screw A3C	3				
22	0373588	Usit Ring U	9				
23	2960243	Air Vent	1				
24	3747100	Hose Line 8 X 2200	1				
25	2443850	Female Screw S A3C	1				
26	1009352	Clip Norma	2				
27	1615232	Hex Head Screw A3C	1				
28	0399760	Nut A3C	1				
29	3768296	Gasket A3C	1				



Item	Part number	Description	Locking Device			Remarks
			Q'ty	Chan.	Serial No.	
	8012416	Locking Device	1			
1	8012376	Joint Part	1			
2	8012810	Joint Part	1			
3	8012411	Lever	1			
4	1780709	Red Protecting Cap	2			
5	1749733	Bsuh	2			
6	3960063	Adaptor Sleeve	1			
7	8012812	Plate	1			
8	8012827	Lever	1			
9	8012825	Lever	1			
10	8012828	Plate	1			
11	8012412	Pin	1			
12	0845443	Threaded Coupling	1			
13	0893167	Nut A3C	1			
14	0487336	Nut A3C	1			
15	0447985	Washer A3C	1			
16	1059330	Spacer	1			
17	8012838	Nut A3C	1			
18	1389384	Hex Head Cap Screw	4			
19	8012841	Spacer	4			
20	0448760	Duct Socket	1			
21	3754427	Washer A3C	4			

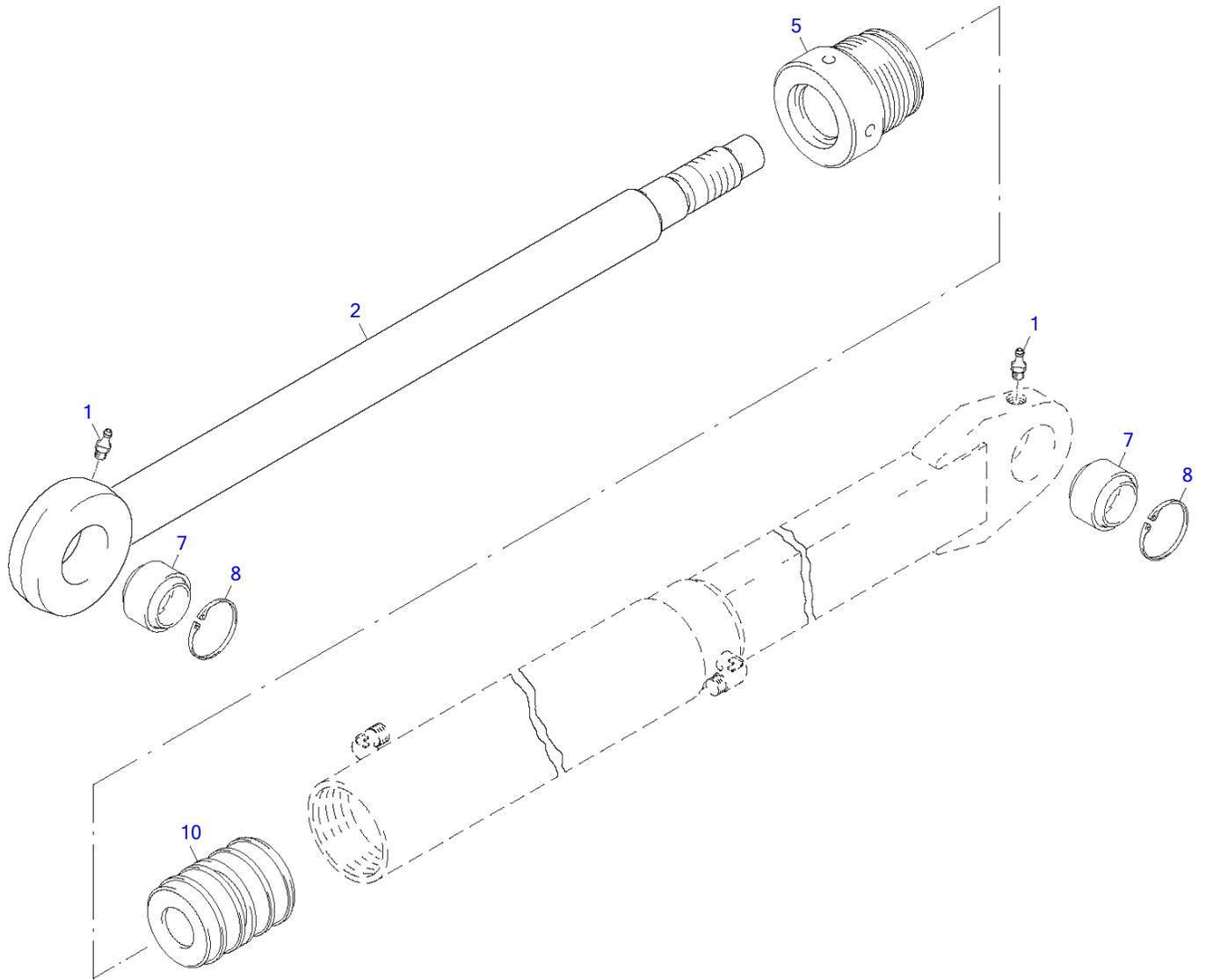


Directional Valve						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
	5820138	Directional Valve	1			
1	8014241	Inlet Section	1			
2	8014203	Anti-Cavitation Valve	1			
3	8014247	Pressure Limit Valve	1			
4	1309275	Plug A3C	1			
5	8014192	Cap Compl	1			
6	8014242	Valve Section	1			
7	8014193	Cap Compl	2			
8	8014198	Pressure Limit Valve	3			
9	8014199	Anit-Cavitation Valve	1			
10	8014243	Valve Section	1			
11	8014244	Valve Section	1			
12	8014200	Pressure Limit Valve	2			
13	8014205	Hand Level Housing	1			
15	8014245	Outlet Section	1			
16	8014201	Pressurizing Valve	1			
17	8014202	Non Return Valve	3			
18	8014246	Tie Rod Set	3			
19	8014248	Joystick Acuator Compl	1			
21	8014255	Ball Joint Socket	1			
22	8014256	Pin Compl	2			
23	8014257	Pin	1			
24	8014195	Hex Head Cap Screw	4			
25	0474568	Hex Head Cap Screw	2			
26	1319084	Countersunk Screw A3C	2			
27	1309764	Hex Head Cap Screw	3			
	8014249	Packing Set Compl	1			

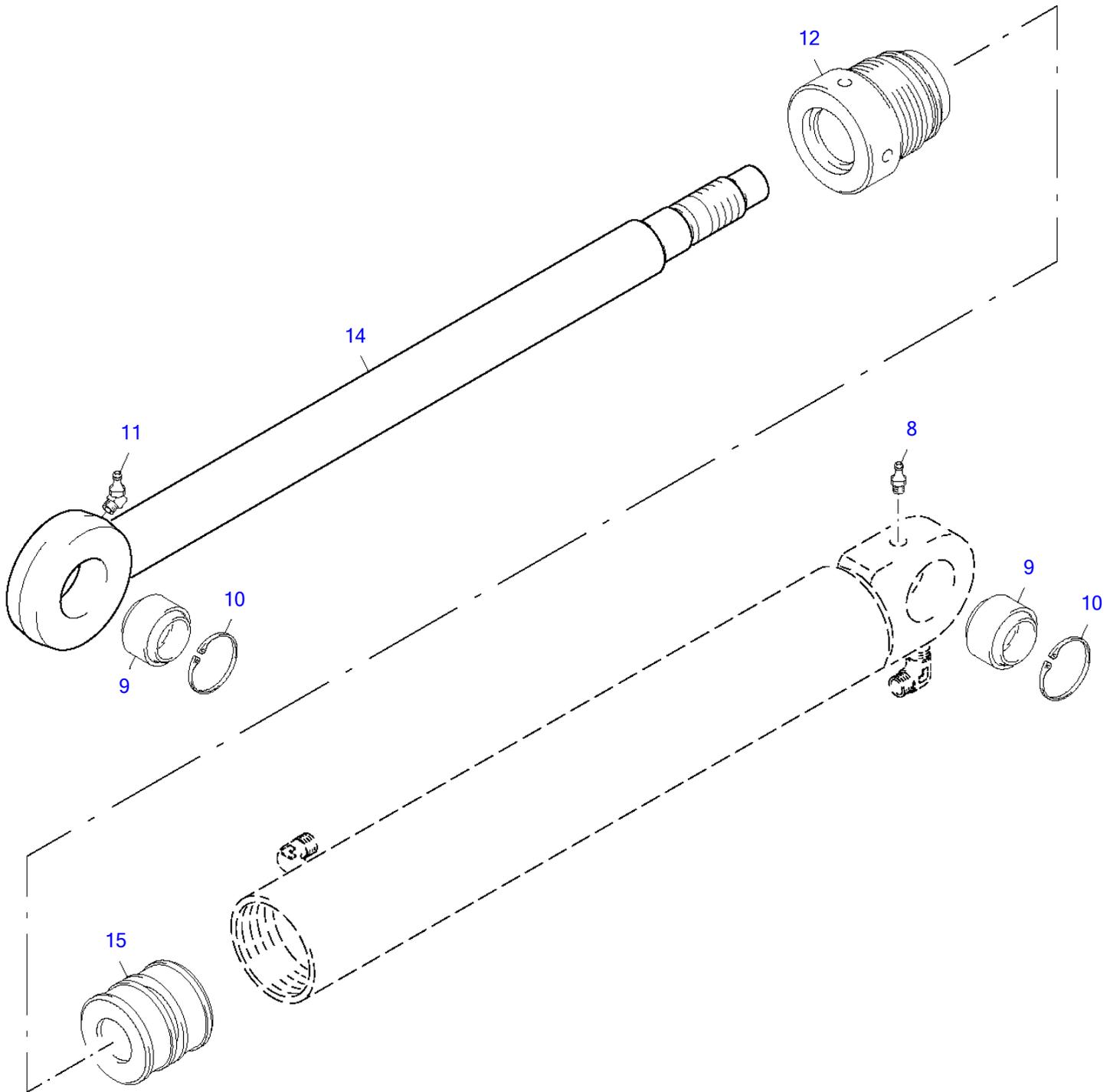


Brake Throttle Valve

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
	8002252	Brake Throttle Valve	1				
1	1694986	Plug A3C	1				
2	0893043	Washer A3C	1				
3	3960041	Compression Spring	1				
4	0442888	Threaded Pin A3C	2				
5	0357908	Plug A3C	1				
6	0314123	Circlip	1				
7	3960052	Shim	1				
	8011963	Packing Set Compl	1				



Item	Part number	Description	Working Ram			
			Q'ty	Chan.	Serial No.	Serv. Remarks
	3762245	Working Ram	1			
1	0300569	Grease Nipple	2			
2	3762143	Piston Rod Compl	1			
5	1010275	Cylinder Nut	1			
7	0465830	Spherical Bearing	2			
8	0318069	Circlip Tone 400	2			
10	0884575	Guide Piston Compl	1			
	1010300	Pack Set 90/50	1			



Item	Part number	Description	Lifting Ram			Remarks
			Q'ty	Chan.	Serial No.	
	8000638	Lifting Ram	1			
8	0324590	Grease Nipple	1			
9	1050977	Spherical Bearing	2			
10	1627587	Circlip Tone 400	2			
11	0366772	Grease Nipple	1			
12	3932581	Cylinder Nut	1			
14	8000630	Piston Rod Compl	1			
15	3932616	Guide Piston Compl	1			
	3717604	Circlip	1			
	3932627	Packing Set 100/60	1			

Steering Ram

