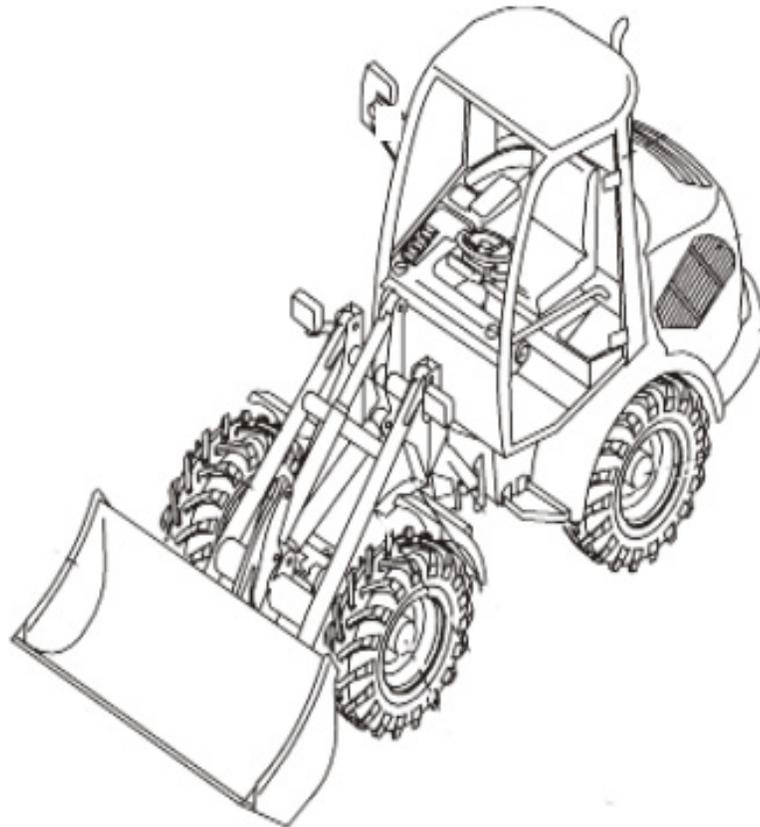


PARTS MANUAL

TW60

Serial No. E106776~

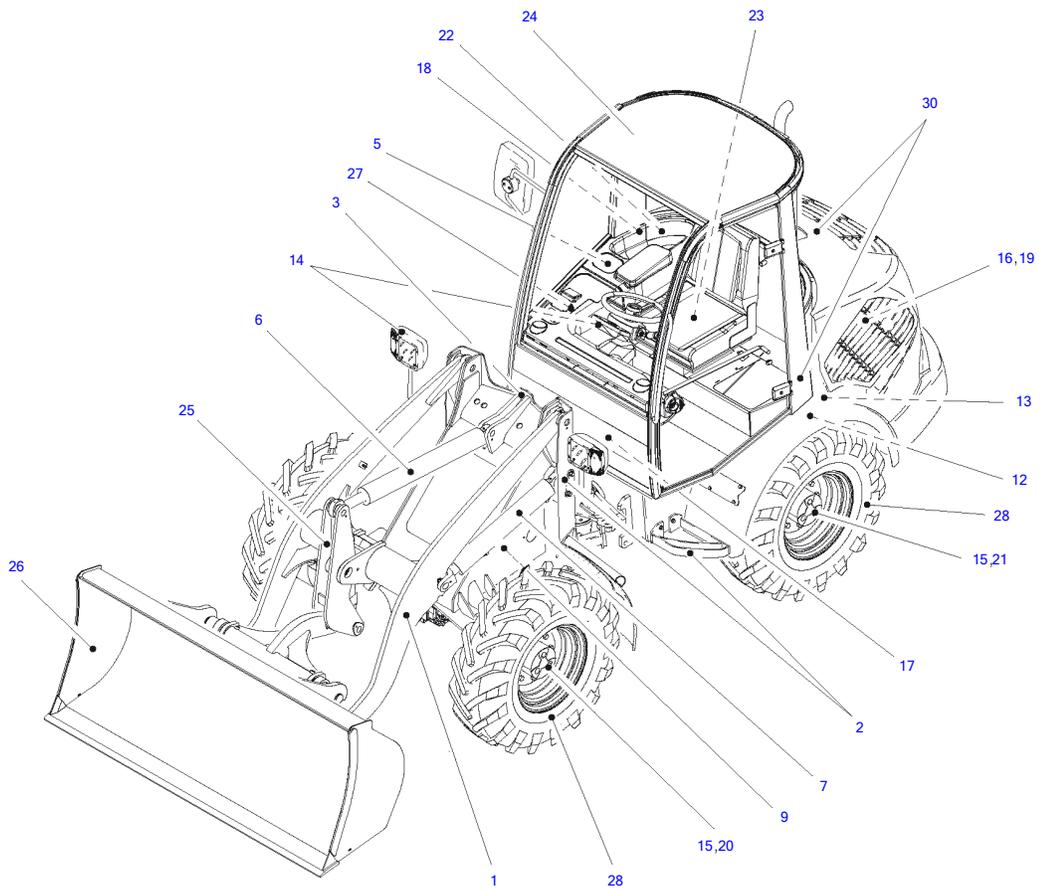
Book No. 8017235



WHEEL LOADER

TAKEUCHI

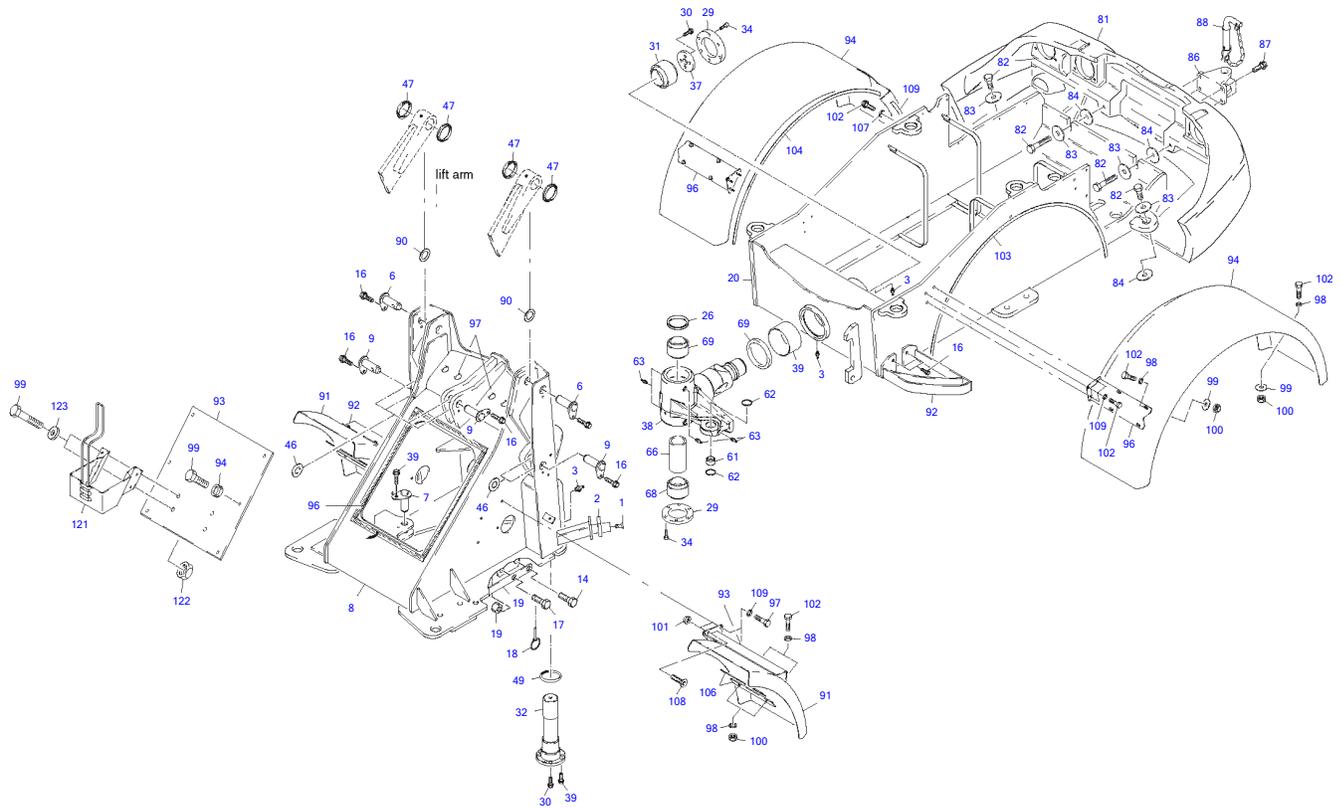
Index



Item	Part number	Description	Index			
			Q'ty	Chan.	Serial No.	Serv.
1	8003072	Lifting Unit				
2	5820059	Base Frame				
3	5820072	Steering Hydraulics				
	5820069	Working Hydraulics				
	8016949	Return Hydraulics				
	5820070	Driving Hydraulics				
	8018601	Hydraulic Lifting Unit				
	8016545	Hydraulic				
	8012416	Locking Device				
5	5820138	Directional Valve				
	8002252	Brake Throttle Valve				
6	3959537	Working Cylinder				
7	3959526	Lifting Cylinder				
9	3959515	Steering Cylinder				
12	5820062	Hydraulic Tank Compl				
13	5820066	Return Filter				
14	5820074	Electric System				
	8016811	Electric System (Canopy)				
	8008597	Printed Circuit Board				
	8012903	Working Headlights				
15	5820056	Drive Set				
16	8016801	Diesel Engine Compl				
	8020983	Heating Kit				
	8016950	Exhaust Installation				
17	8014176	Pedal Mechanism				
18	8016941	Air Filter System				
19	5820115	Oil Pressure Pump				
	8019517	Oil Pressure Pump 12V				
	8019523	Oil Motor				
20	5820057	Front Axle				
	8014145	Axle Pipe				
21	5820058	Rear Axle				
	8014145	Axle Pipe				
	8009421	Rear Axle Multiple				
22	8019993	Fuel Supply System				
23	8013032	Driver's Seat Compl				
	8014478	Seat Bottom Part				
24	8016507	Cabin Canopy				
	8012821	FOPS Grating Compl				
	8020364	Window Panes Kits				
	8013842	Cabin Door Compl				
	8015598	Hinged Right Side Window				
	8014357	Covering Canopy				
	8015046	Protective Canopy				
	8014185	Steering Column Compl				
25	8003071	Hyd Quick Release Eq				
26	3705791	Pallet Fork Compl				
	8020453	Heating Kit				
28	8016620	Decals & Accessories				
	8016644	Protective Hoses				
	8018800	Filter Set				
30	5820078	Covering				
	8016808	Engine Hood Compl				
99	8018800	Maintenance Filter Kits				

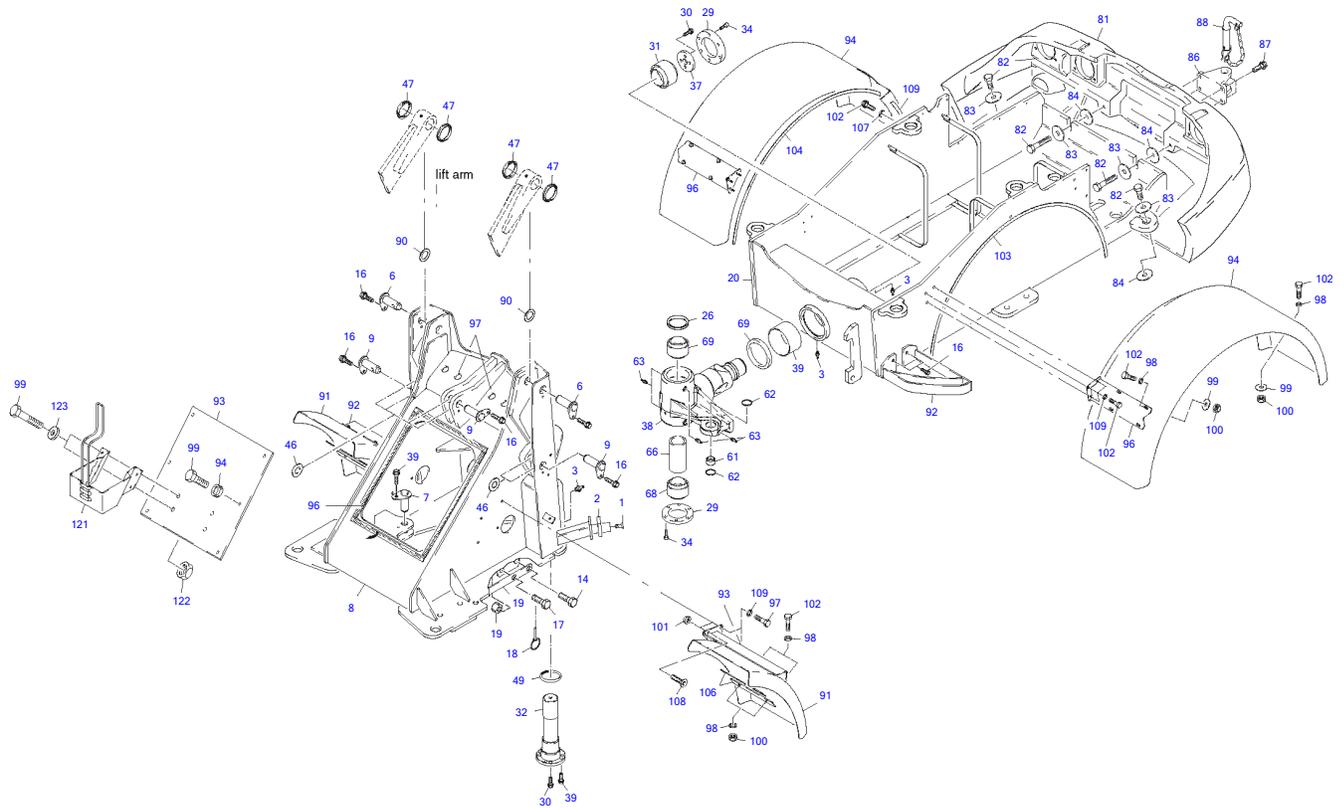
Item	Part number	Description	Lifting Unit				Remarks
			Q'ty	Chan.	Serial No.	Serv.	
	8003072	Lifting Unit	1				
1	8002521	Lifting Arm Compl	1				
2	8003055	Lever	1				
3	8003071	Hydraulic Quick Release	1				
4	1783337	Serrated Hex Head Screw	1				
5	0877689	Bolt Compl	1				
6	0847887	Bolt Compl	1				
7	1782905	Serrated Hex Head Screw	1				
8	0809472	Ring	2				
10	1782654	Disk 1.0 MM	1				
	8003252	Disk 1.2 MM	1				
	8003253	Disk 1.5 MM	1				
	1782665	Disk 2.0 MM	1				
11	2909079	Disk 1.0 MM	1				
	2909091	Disk 1.2 MM	1				
	2909104	Disk 1.5 MM	1				
	2909080	Disk 2.0 MM	1				
12	0324590	Grease Nipple	7				
13	8004387	Split Bush	2				
14	2915806	Spherical Bearing	2				
15	2916794	Self-Locking Screw	2				
16	8004388	Split Bush	2				
17	2961437	Circlip	1				
18	8004389	Split Bush	2				
19	2985537	Threaded Pin	2				

TW60 Book No. 8017235 01.10 S/N E106776
Base Frame



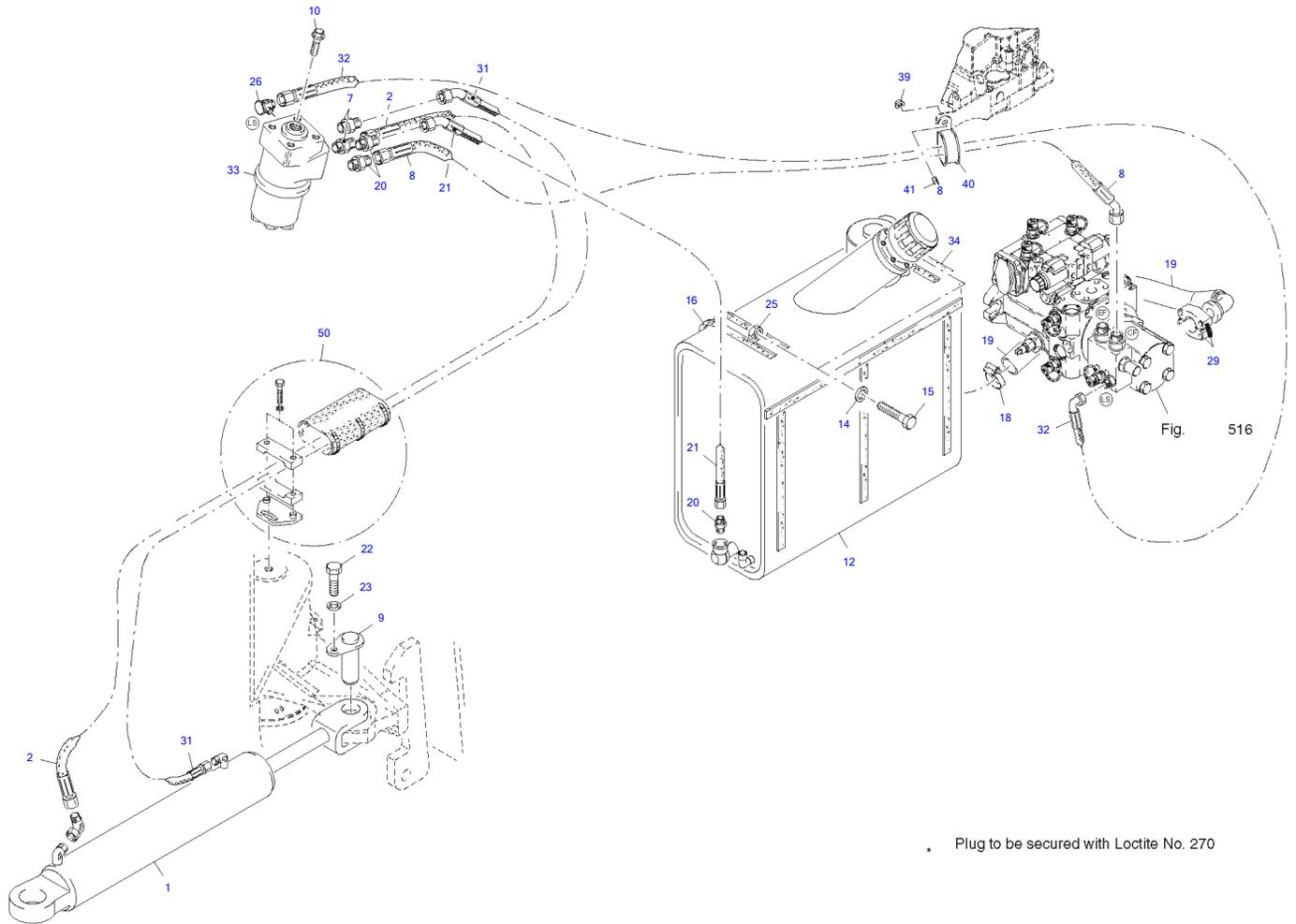
Item	Part number	Description	Base Frame Q'ty	Chan.	Serial No.	Serv.	Remarks
	5820059	Base Frame	1				
1	1307171	Countersunk Screw A3C	4				
2	5820162	Stop Plate	2				
3	0324590	Grease Nipple	2				
5	8017583	Bolt Compl	2				
6	8017589	Bolt Compl	2				
7	3945177	Bolt Compl	1				
8	5820257	Frame Front	1				
9	8017582	Bolt Compl	1				
14	1627236	Hex Head Screw A3C	1				
15	0327322	Nut A3C	1				
16	1783337	Serrated Hex Head Screw	7				
17	1014053	Special Screw	1				
18	1011163	Split Pin	1				
19	5820128	Safety Rod Compl	1				
20	5820000	Rear Frame	1				
	8016927	Rear Frame	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	8002032	Ring	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				
50	8003214	Washer 1.00 MM	1				
	8003215	Washer 1.20 MM	1				
	8003216	Washer 1.50 MM	1				
	8003217	Washer 2.00 MM	1				
52	8013759	Left Climb Bracket	1				
53	3940569	Front Cover	1				
54	8016479	Locking Washer	6				
55	0893236	Hex Head Screw A3C	10				
56	1898686	Sealing Strip 1900 MM	1				
57	3935302	Protecting Cap	2				
61	0447032	Spherical Bearing	1				
62	0318069	Circlip Tone 400	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	5820133	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 Femder	1				

TW60 Book No. 8017235 01.10 S/N E106776
Base Frame



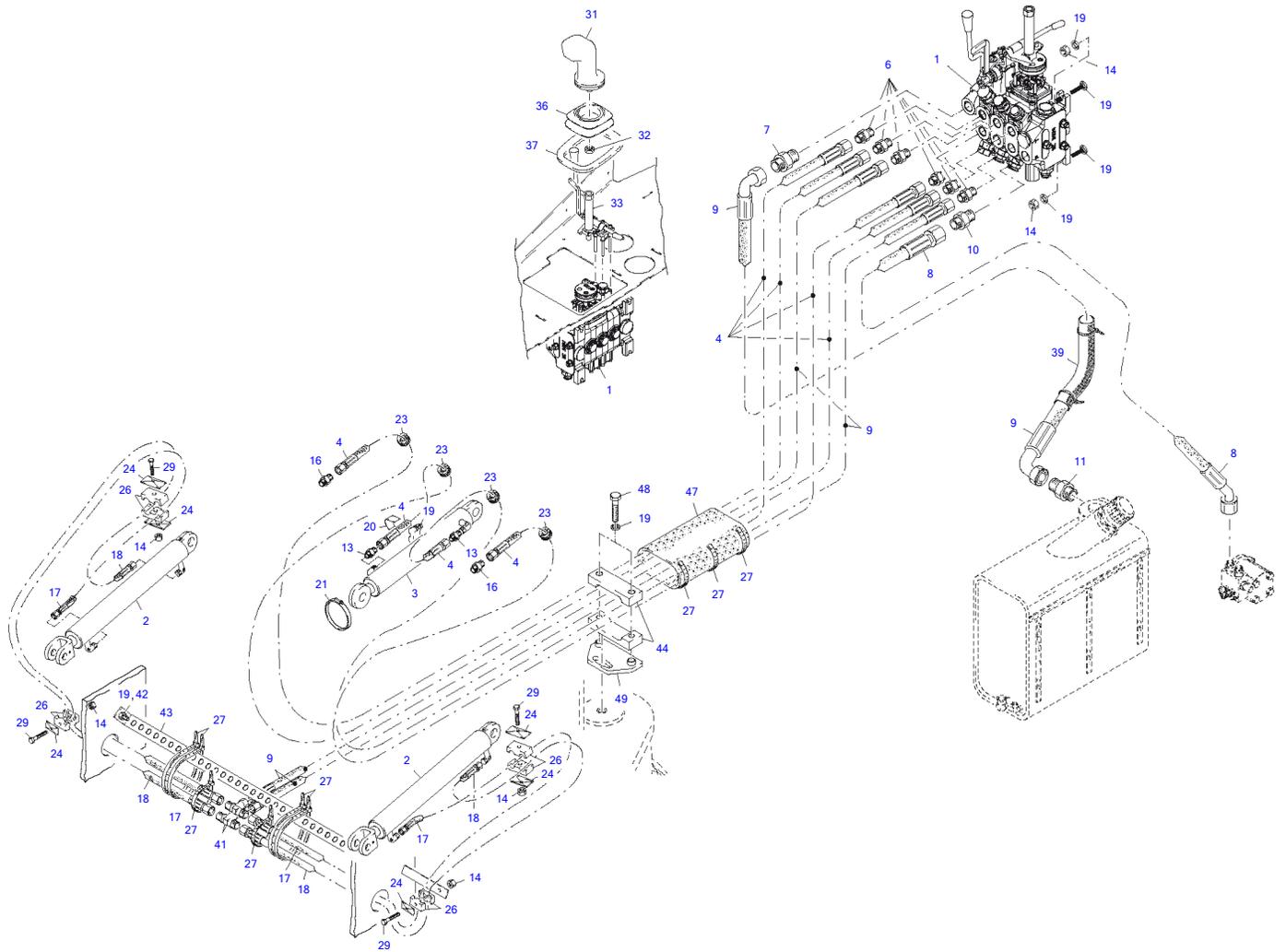
Item	Part number	Description	Base Frame Q'ty	Chan.	Serial No.	Serv.	Remarks
96	5820101	Holder Compl	2				
97	0893189	Hex Head Screw A3C	4				
98	0863138	Washer A3C	32				
99	2481254	Ripp Wsher A3C	16				
100	0399760	Nut A3C	24				
101	1722787	Serrated Nut	6				
102	0893214	Hex Head Screw A3C	31				
103	1898686	Packing Strap 1710 MM	1				
104	1898686	Packing Strap 1280 MM	1				
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	0806264	Wheel Chock Holder	1				
122	0399760	Hex Nut A3C	4				
123	0863138	Washer A3C	4				

TW60 Book No. 8017235 01.10 S/N E106776
Steering Hydraulics



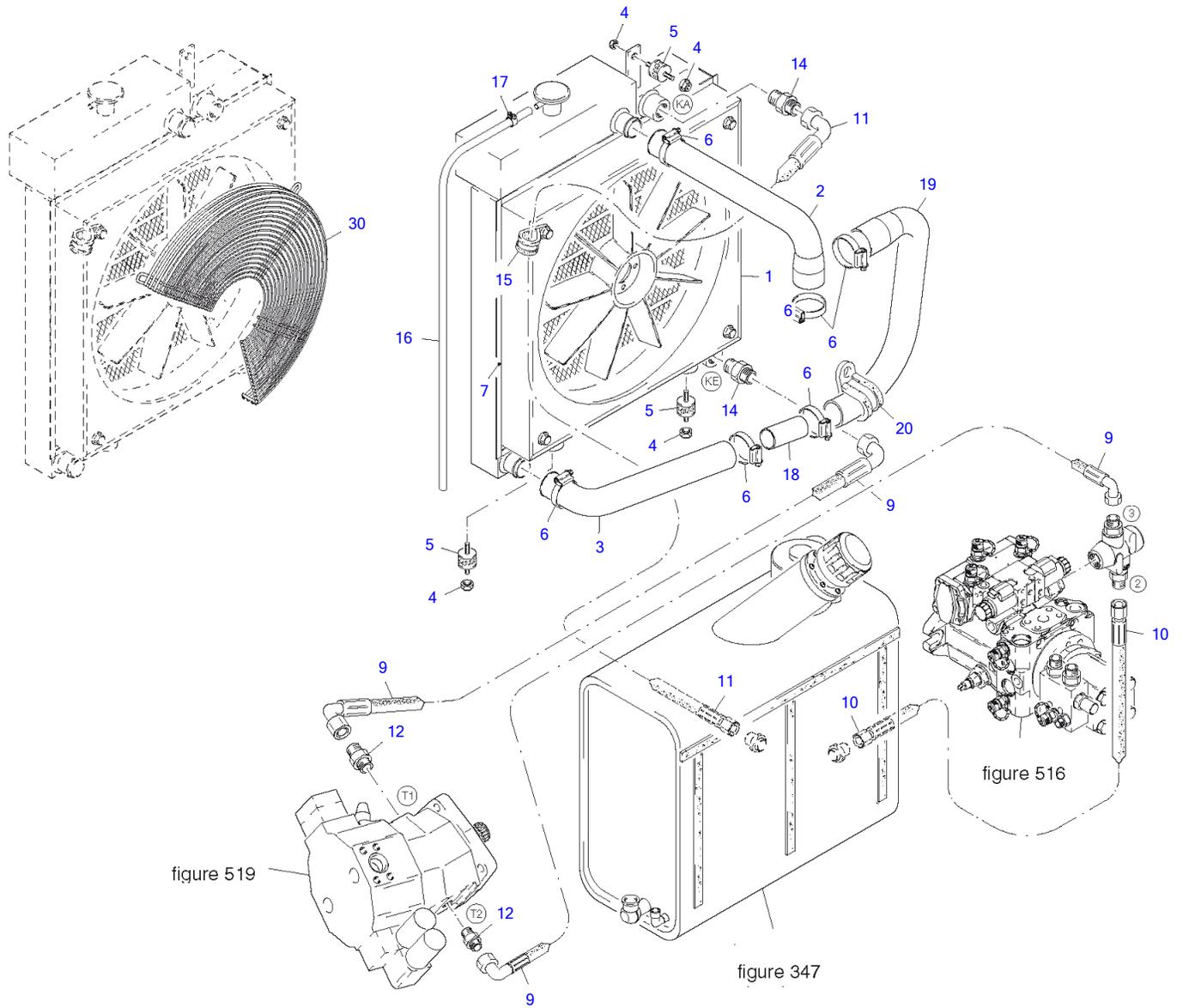
Steering Hydraulics

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 1550	1				
3	1002184	Countersunk Screw	1				
4	1745591	Washer	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	1				
37	2912085	2-Piece Clip Body	1				
39	1722787	Serrated Nut	1				
40	3698917	Clip Norma	1				
41	2449607	Serrated Hex Head Screw	1				



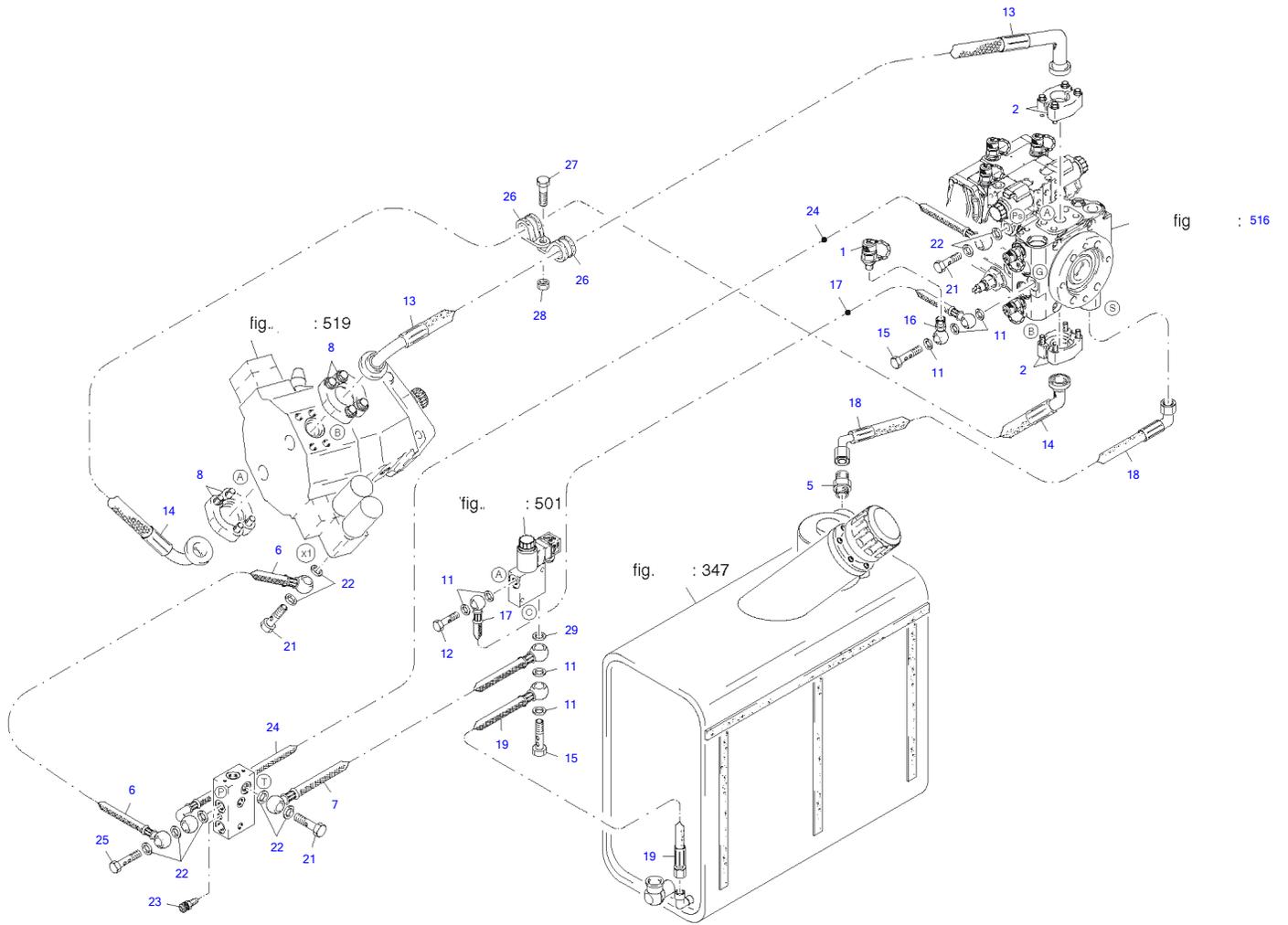
Working Hydraulics

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
	5820069	Working Hydraulics Compl	1				
	8015021	Working Hydraulics Rear	1				
	8015981	Working Hydraulics	1				
	8015077	Working Hydraulics Front	1				
1	5820138	Directional Valve	1				
2	3959526	Lifting Ram	2				
3	3959537	Working Ram	1				
4	3976232	HP-Hose 10 X 3150	4				
5	3762541	HP-Hose 10 X 1750	2				
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				
13	2903926	Coupling A3C	2				
14	0399760	Nut A3C	7				
15	2481254	Ripp Washer A3C	10				
16	8016608	Coupling A3C	2				
17	8015957	HP-Hose 10 X 1350	2				
18	2912052	HP-Hose 10 X 1550 30 MM	2				
19	3924730	Clip	1				
20	8004184	Clamp Strap	1				
21	1349717	Clip	1				
23	3763484	Rubber Socket	4				
24	0874960	Galvannized Plate Cover	6				
25	1336869	Hex Head Screw A3C	4				
26	2912085	Body Clip	4				
27	1062255	Cable Band	32				
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				
41	0893703	Coupling A3C	2				
42	0893167	Nut A3C	2				
43	8015956	Punched Strip 620 MM	1				
44	3760607	Block	2				
45	2908147	Bracket Compl	1				
46	2481254	Ripp Washer A3C	4				
47	3937075	Rubber Mat	1				
48	0893418	Hex Head Screw A3C	2				



Return Hydraulics

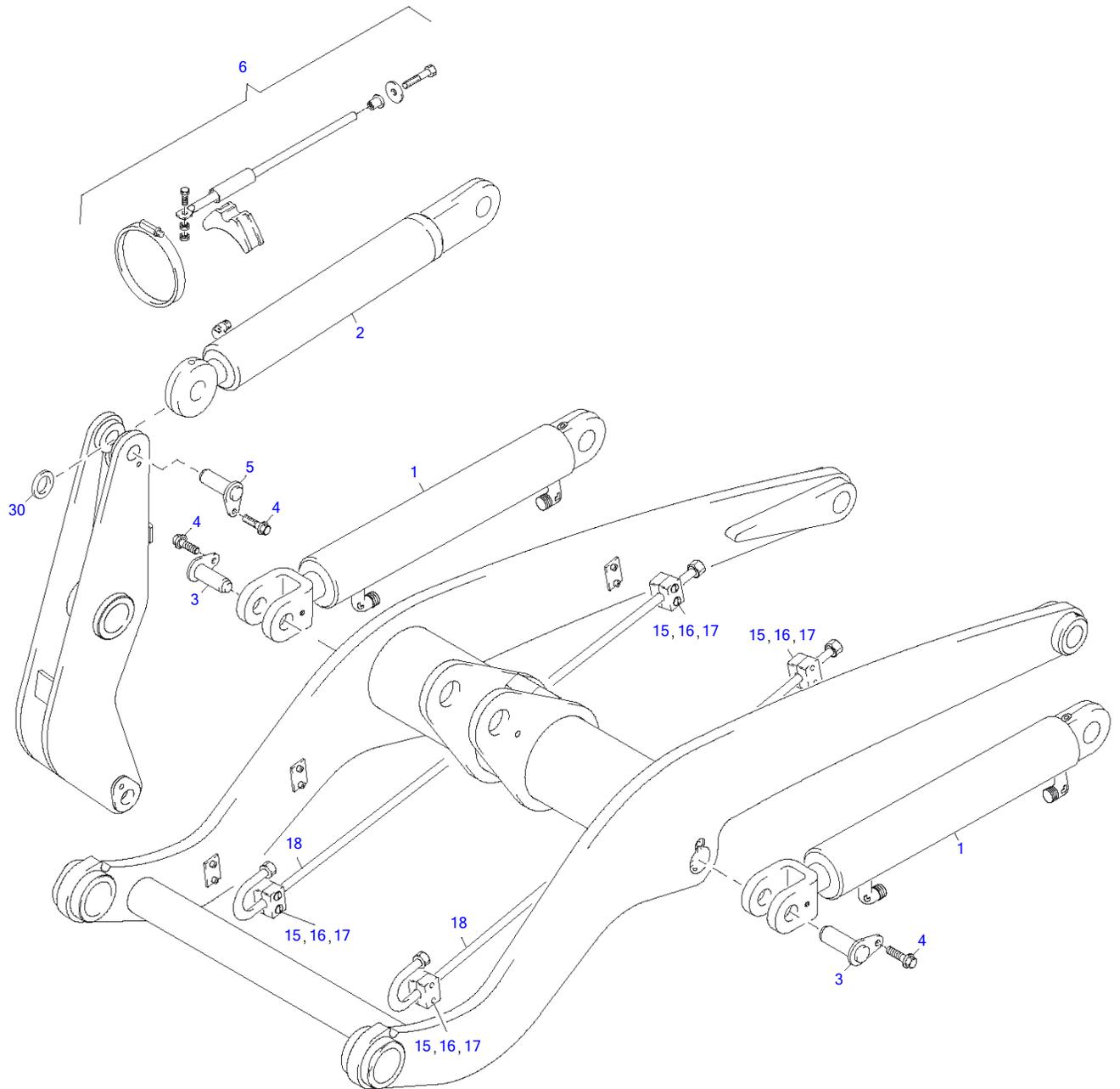
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
	8016949	Return Hydraulics	1				
1	5820092	Oil-Water Radiator	1				
2	8016727	Radiator Hose	1				
3	8016728	Radiator Hose	1				
4	1722787	Serrated Nut	4				
5	0442106	Rubber Buffer	3				
6	0390158	Clip	4				
7	1898686	Packing Strap 2070 MM	1				
9	5820276	LP-Hose 16 X 1550	1				
10	8018424	LP-Hose 16 X 700	1				
11	8012347	LP-Hose 16 X 425	1				
12	2904234	Coupling A3C	1				
13	2904234	Coupling A3C	2				
14	2673234	Coupling A3C	2				
15	2443587	Clip Norma	1				
16	2986947	Heating Hose 820 MM	1				
17	2983137	Clip Norma	1				
18	8017456	Connecting Piece	1				
19	8017463	Radiator Hose	1				
20	1003721	Clip Norma	1				
30	8019399	Screen Grid Kit	1				



Driving Hydraulics

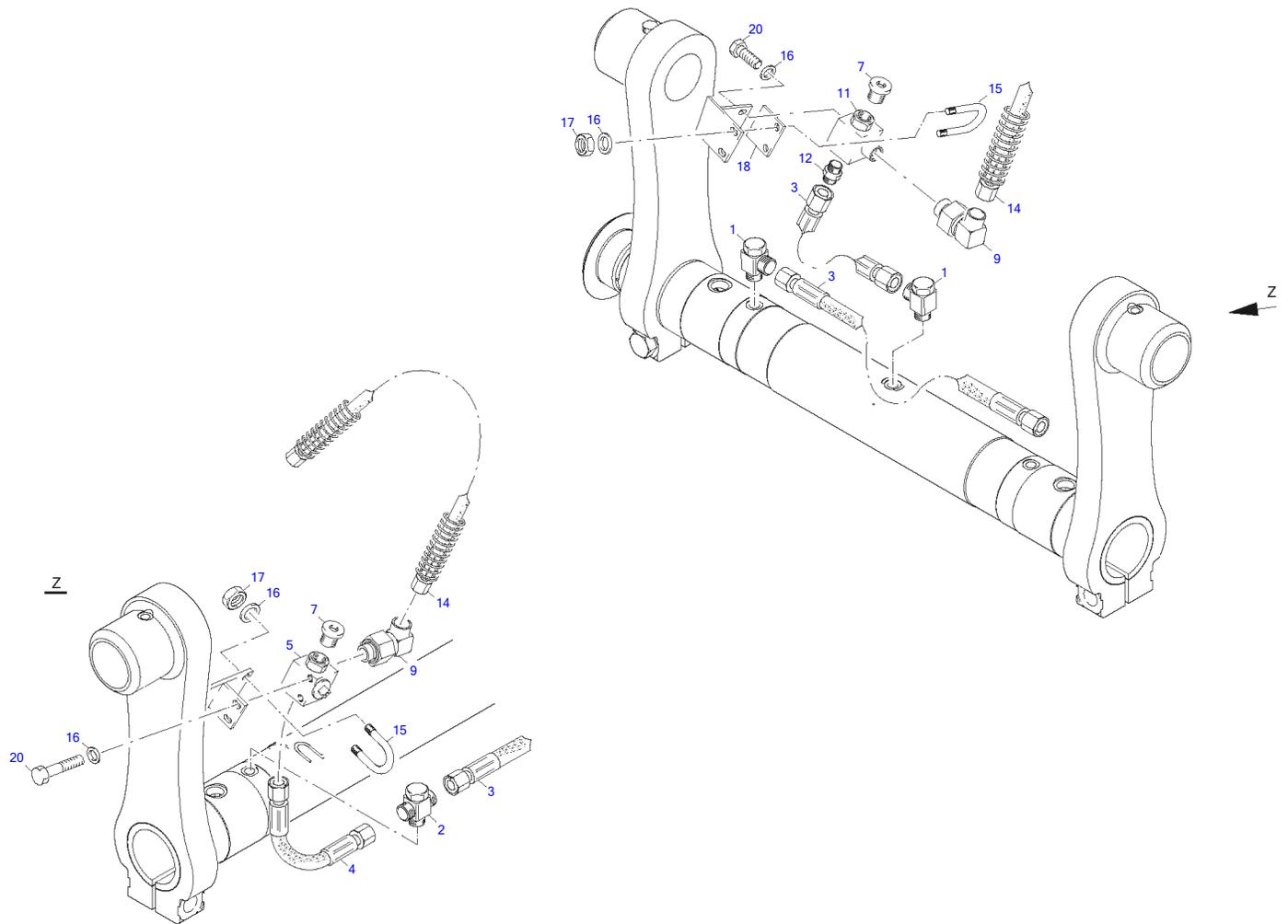
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
	5820070	Driving Hydraulics	1				
1	1616551	Screw Coupling	1				
2	8012839	Half Flange Compl	2				
5	1689194	Coupling A3C	5				
6	3763871	Hose Line 6 X 925	1				
7	5820159	Hose Line	1				
8	8011955	Half Flange Compl	2				
11	0350898	Usit 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	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	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				

TW60 Book No. 8017235 01.10 S/N E106776
Hydraulic Lifting Unit

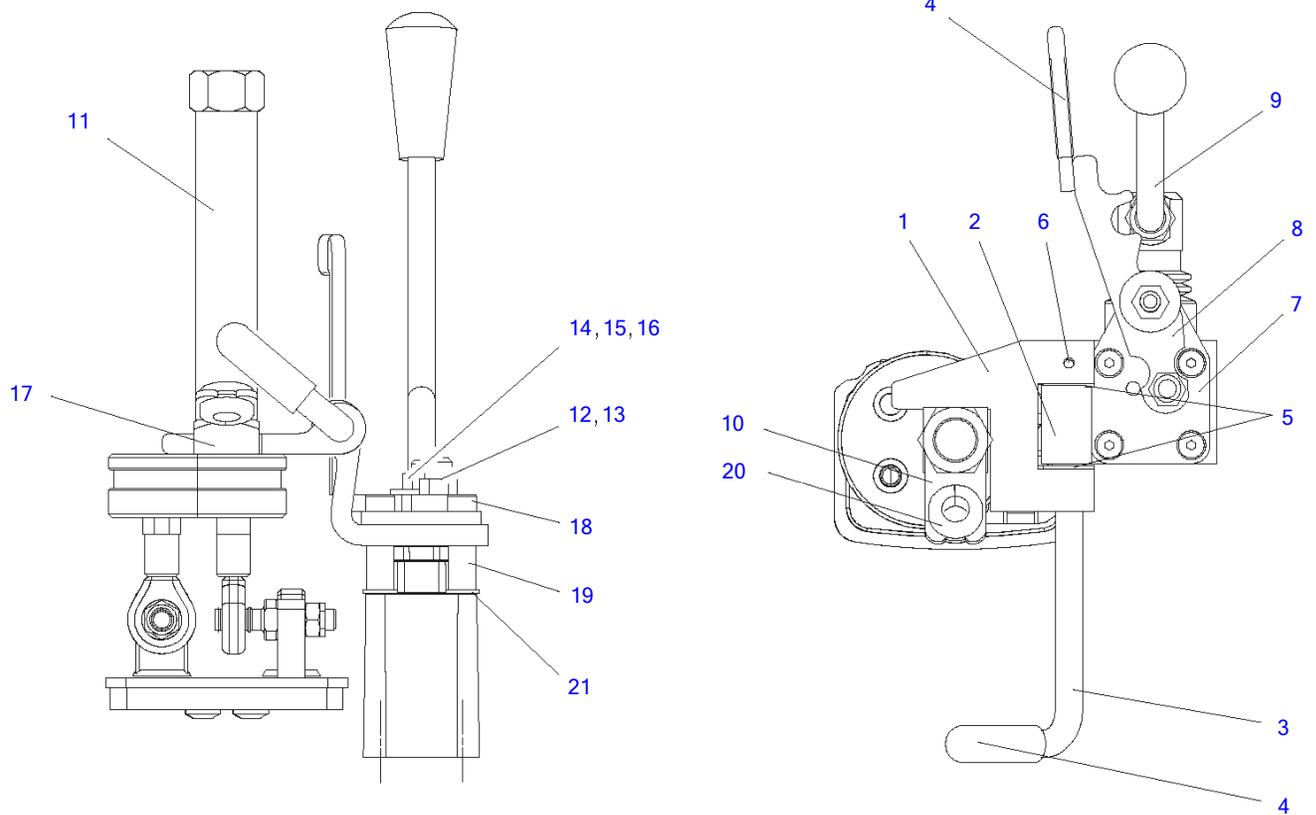


Hydraulic Lifting Unit

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
	8018601	Hydraulic Lifting Unit	1				
	8016544	Boom	1				
1	3959526	Lifting Ram	2				
2	3959537	Working Ram	1				
3	8017586	Bolt Compl	2				
4	1783337	Serrated Hex Head Screw	3				
5	8017588	Bolt Compl	1				
6	8003090	Shovle Position Indicator	1				
15	0877203	2-piec Clip Body	4				
16	1302325	Washer	8				
17	1780969	Oval Head Screw	8				
18	8011943	Pipe Line	2				
30	4674104	Shim 1.0 MM	1				
	8001149	Shim 1.5 MM	1				
	4626253	Shim 2.0 MM	1				

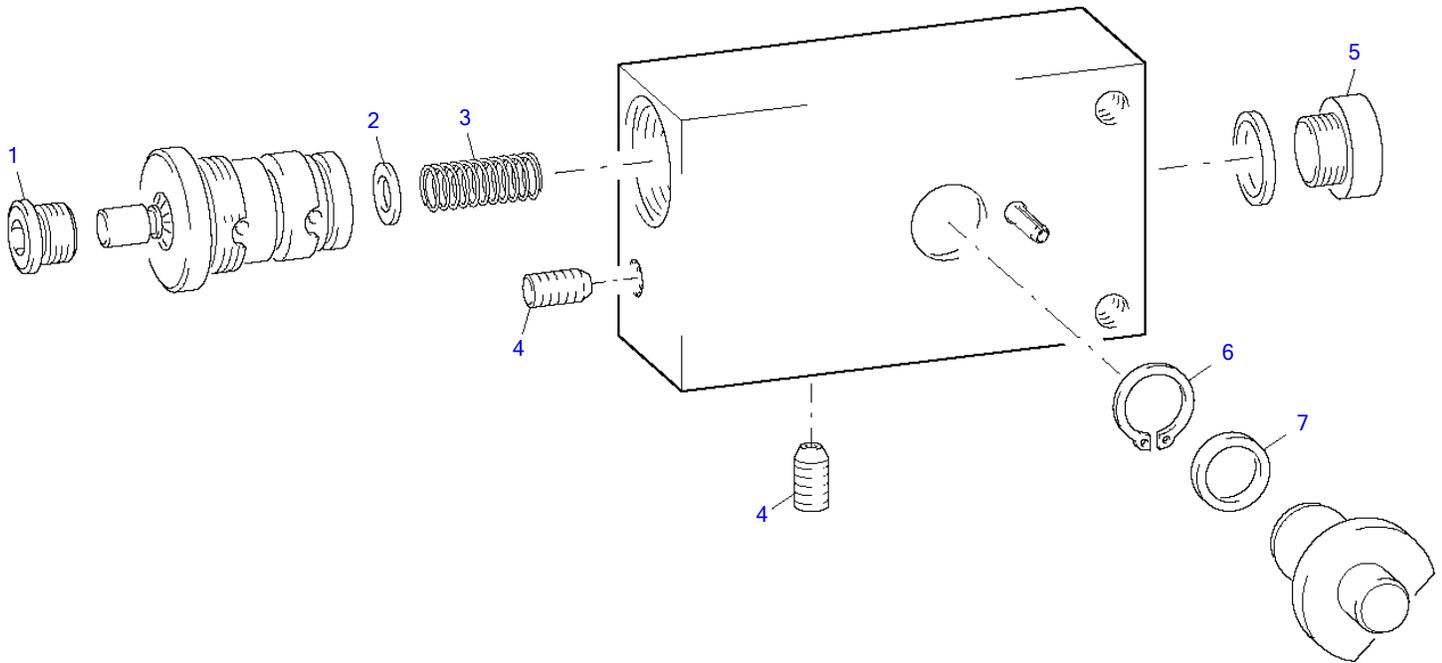


Item	Part number	Description	Hydraulic				
			Q'ty	Chan.	Serial No.	Serv.	Remarks
	8016545	Hydraulic	1				
1	2456822	Coupling A3C	2				
2	2456844	Coupling A3C	1				
3	8003356	HP-Hose 8 X 425	2				
4	8003357	HP-Hose 8 X 200	1				
5	2970905	Shut Off Cock	1				
7	2605709	Screw Plug A3C	2				
9	8013001	Swivel Joint	2				
11	2971746	Square Steel Bar	1				
12	2908501	Coupling A3C	1				
14	8008375	HP-Hose 13 X 825	2				
15	8002703	Clamp Strap	2				
16	2992014	Ripp Washer A3C	8				
17	0487336	Nut A3C	4				
18	8010355	Plate	1				
20	1307115	Hex Head Screw A3C	4				
21	8003071	Hydraulic Quick Release Eq	1				



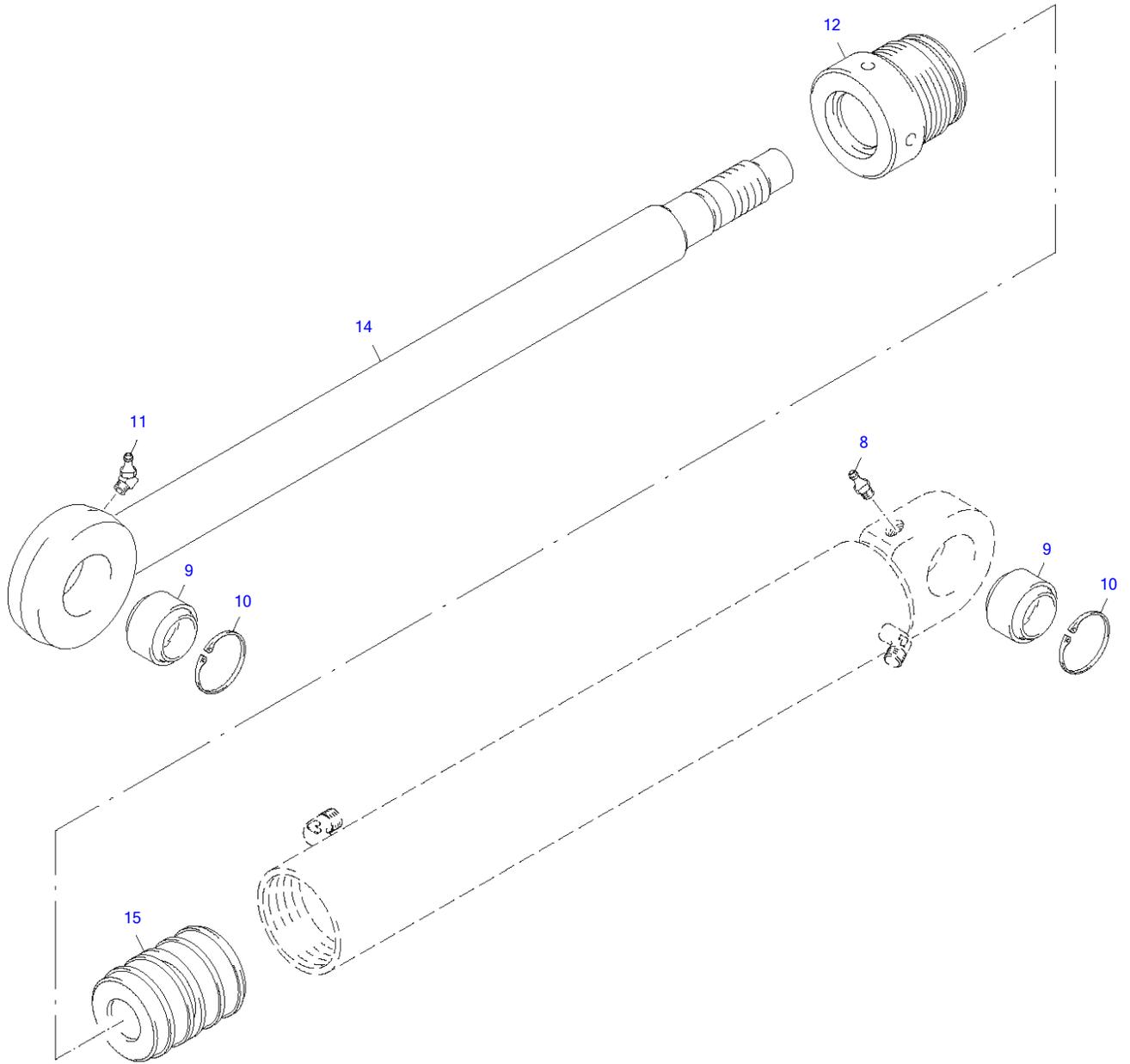
Item	Part number	Description	Locking Device			Remarks
			Q'ty	Chan.	Serial No.	
	8012416	Locking Device	1			
1	8012376	Joint Part	1			
2	8012810	Joint Part	1			
3	8012411	Lever	1			
4	1780709	Red Protecting Cap	2			
5	1749733	Bush	2			
6	3960063	Adaptor Sleeve	1			
7	8012812	Plate	1			
8	8012827	Lever	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 A3R	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	Anit-Cavitation Vlave	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	Anti-Cavitation Valve	1			
10	8014243	Valve Section	1			
11	8014244	Valve Section	1			
12	8014200	Pressure Limit Valve	2			
13	8014205	Hand Lever 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 A Socket Joint	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	Screw Plug A3C	1				
2	0893043	Washer A3C	1				
3	3960041	Pressure Spring	1				
4	0442888	Threaded Pin A3C	2				
5	0357908	Screw Plug A3C	1				
6	0314123	Circlip	1				
7	3960052	Shim	1				
	8011963	Seal Kit Compl	1				



Item	Part number	Description	Working Cylinder				Remarks
			Q'ty	Chan.	Serial No.	Serv.	
	3959537	Working Cylinder	1				
8	0324590	Grease Nipple	1				
9	0465830	Spherical Bearing	2				
10	0318069	Circlip Tone 400	2				
11	0303528	Grease Nipple	1				
12	1011890	Cylinder Nut	1				
14	3924956	Piston Rod Compl	1				
15	3925048	Piston Guide Compl	1				
	1074282	Pack Set 80/50	1				

Lifting Cylinder

