

WJ-3

UNDERGROUND L.H.D LOADER

PARTS MANUAL

CONTENT

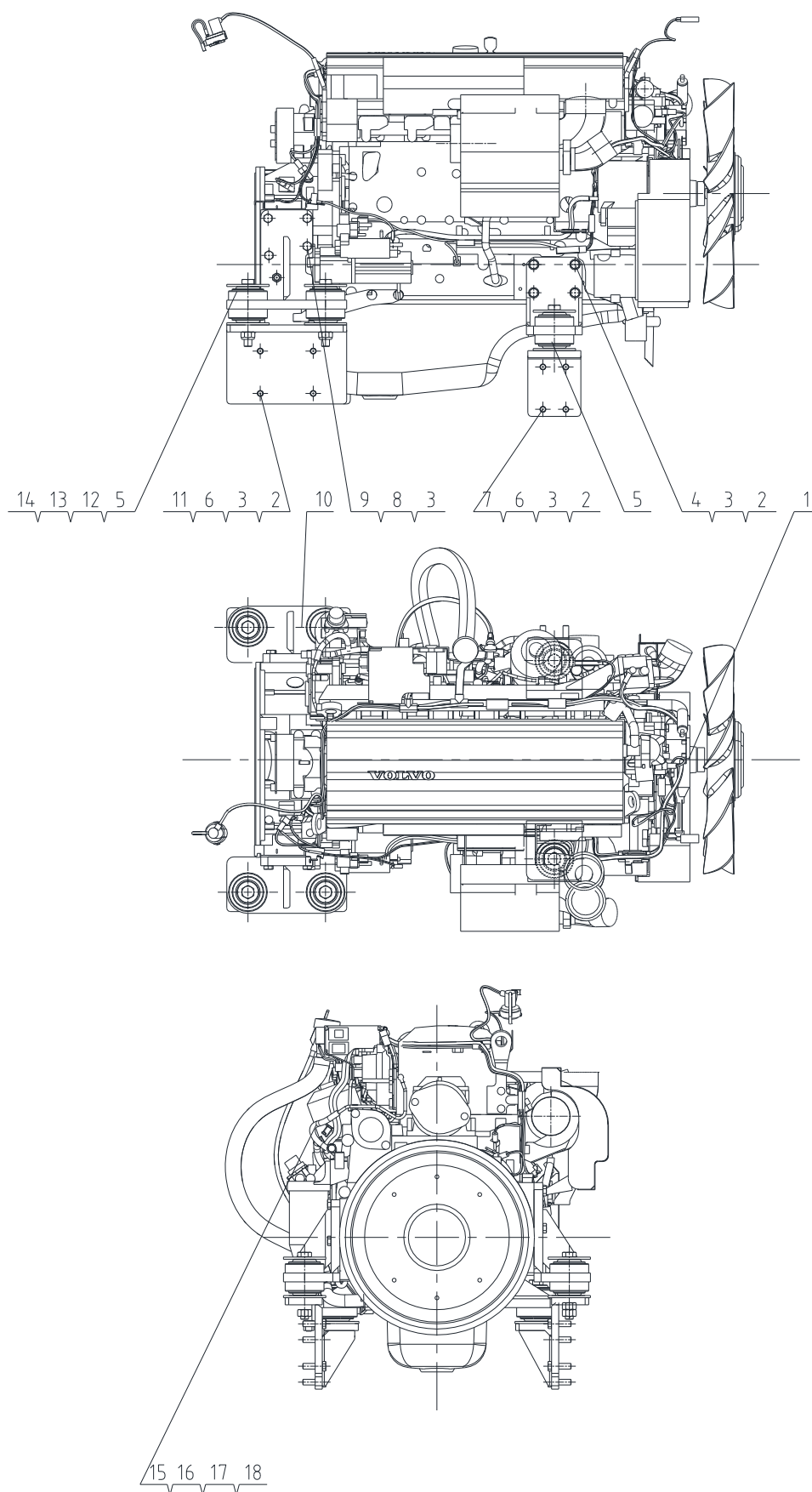
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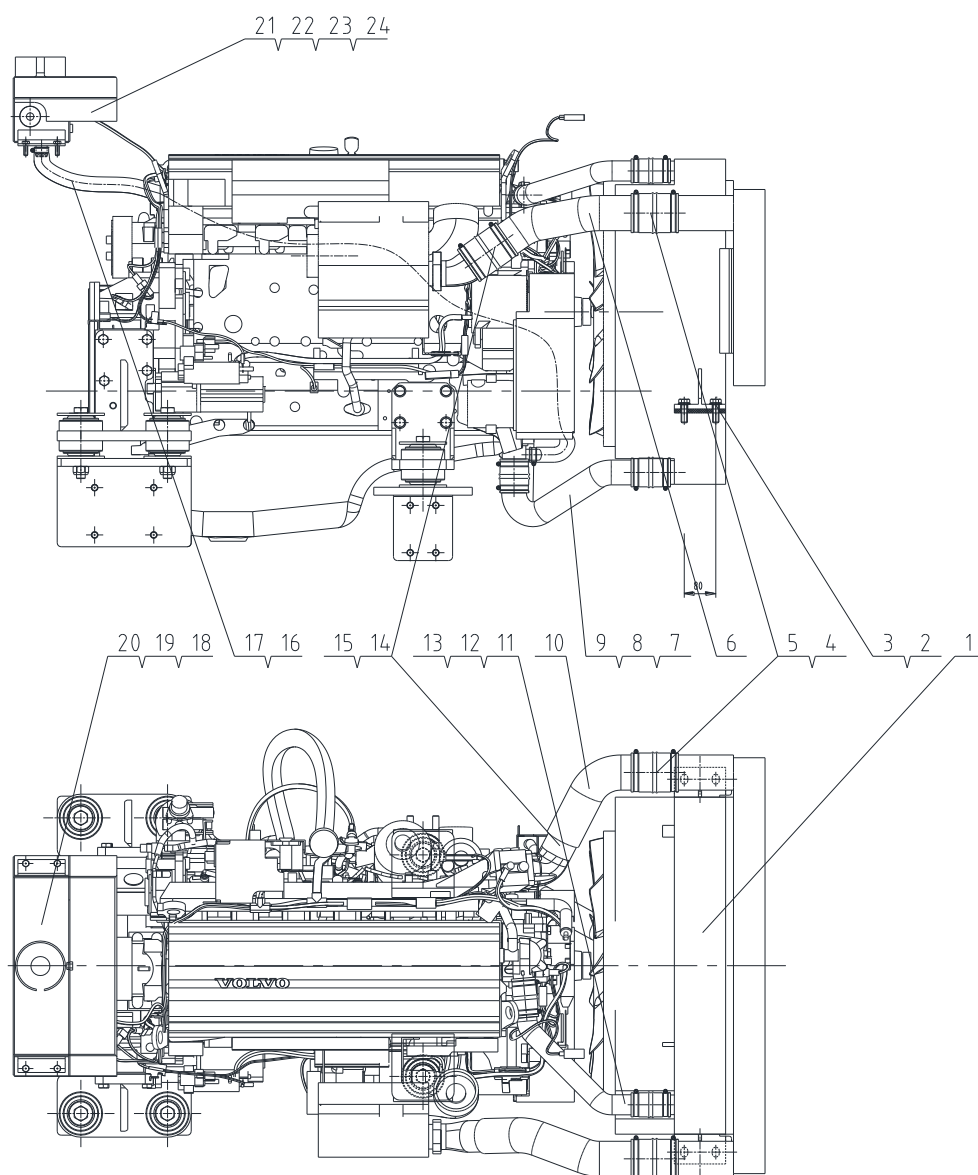
ENGINE (2.19.01.2033)



ENGINE (2.19.01.2033)

NO.	CODE	NAME	Q'TY	REMARK
1	2.01.07.0048P	ENGINE	1	
2	4.01.01.0077	BOLT	34	
3	4.06.04.0009	SPRING WASHER	4	
4	2.19.01.2026	ENGINE FRONT LEG	2	
5	3.07.04.0038	ENGINE SHOCK ABSORBER	6	
6	4.02.01.0014	NUT	16	
7	2.19.01.2025	ENGINE FRONT FIXED LEG	2	
8	4.01.01.0075	BOLT	8	
9	2.19.01.2023	ENGINE REAR RIGHT LEG	1	
10	2.19.01.2024	ENGINE REAR LEFT LEG	1	
11	2.19.01.2022	ENGINE REAR FIXED LEG	2	
12	4.01.01.0153	BOLT	6	
13	4.02.05.0013	NYLON SELF-LOCKING NUT	6	
14	3.10.01.6325	BACKING BOARD	12	
15	3.10.06.5535	OIL FILLING PORT MOUNTING PLATE	1	
16	4.03.02.0018	HEXAGON HEAD SCREW	2	
17	4.06.04.0005	SPRING WASHER	2	
18	4.03.02.0003	HEXAGON HEAD SCREW	2	

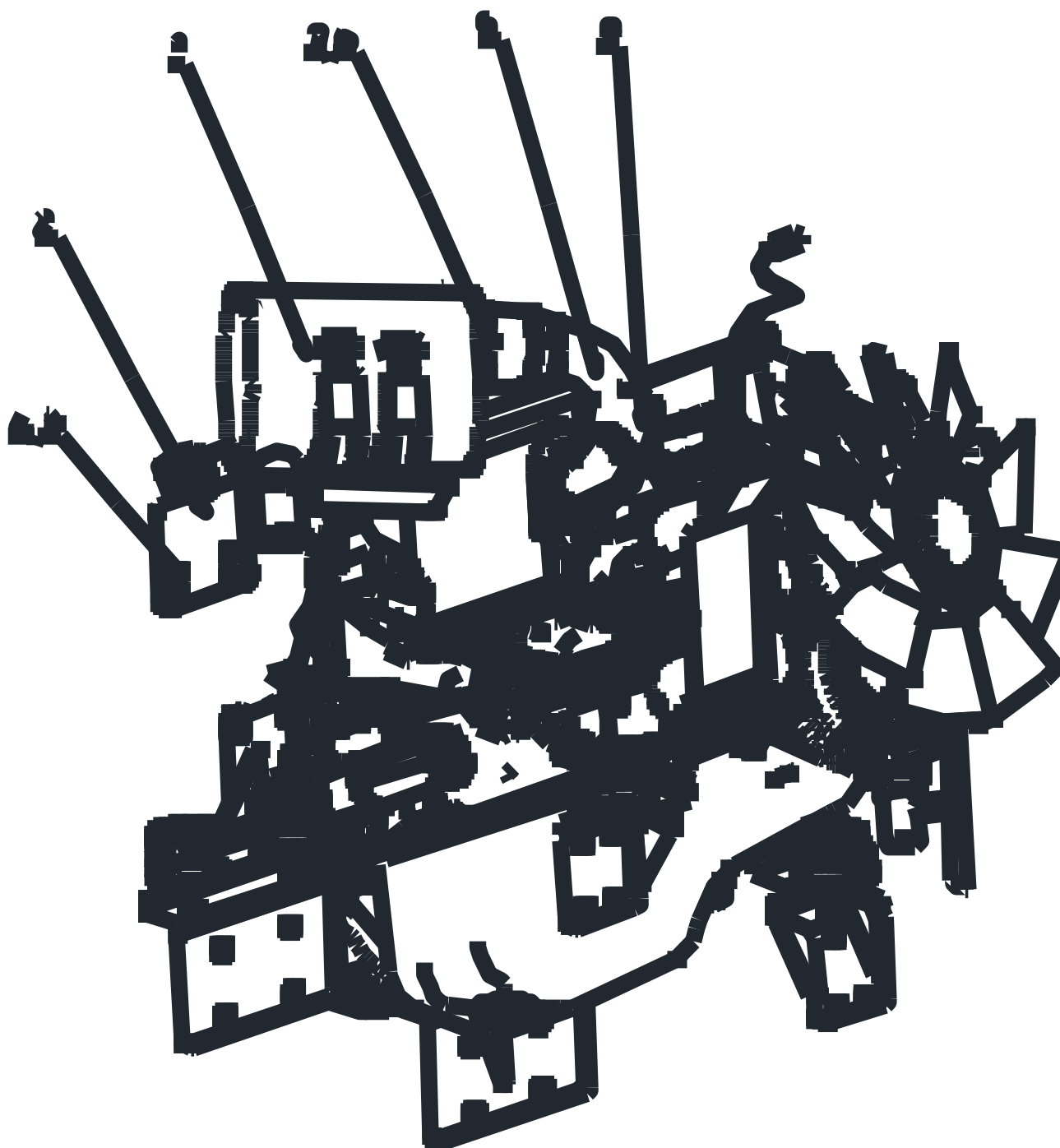
COOLANT SYSTEM (2.01.01.0122)



COOLANT SYSTEM (2.01.01.0122)

NO.	CODE	NAME	Q'TY	REMARK
1	3.01.07.0131P	RADIATOR	1	
2	4.01.01.0076	BOLT	4	
3	4.06.04.0009	SPRING WASHER	4	
4	6.02.01.0024	SILICONE TUBE	2	
5	3.01.03.0060	T PIPE CLAMP	4	
6	2.01.02.2068	RADIATOR INTAKE PIPE	1	
7	2.01.02.2069	RADIATOR OUTLET PIPE	1	
8	6.02.01.0020	SILICONE TUBE	2	
9	3.01.03.0040	T PIPE CLAMP	4	
10	2.01.02.2070	RADIATOR OUTLET PIPE	1	
11	2.01.02.2071	RADIATOR INTAKE PIPE	1	
12	6.02.01.0018	SILICONE TUBE	2	
13	3.01.03.0057	T PIPE CLAMP	4	
14	6.02.01.0023	SILICONE TUBE	2	
15	3.01.03.0058	T PIPE CLAMP	4	
16	3.07.08.0040	SUPPLEMENTARY PIPE	1	
17	3.06.01.0079	T PIPE CLAMP	2	
18	2.01.06.1821	EXPANSION TANK	1	
19	4.01.02.0023	BOLT	4	
20	4.06.04.0006	SPRING WASHER	4	
21	2.19.01.2366	AUXILIARY TANK COVER	1	
22	4.01.02.0014	BOLT M8*16	4	
23	4.06.04.0005	SPRING WASHER 8	4	
24	4.06.01.0005	FLAT WASHER 8	4	

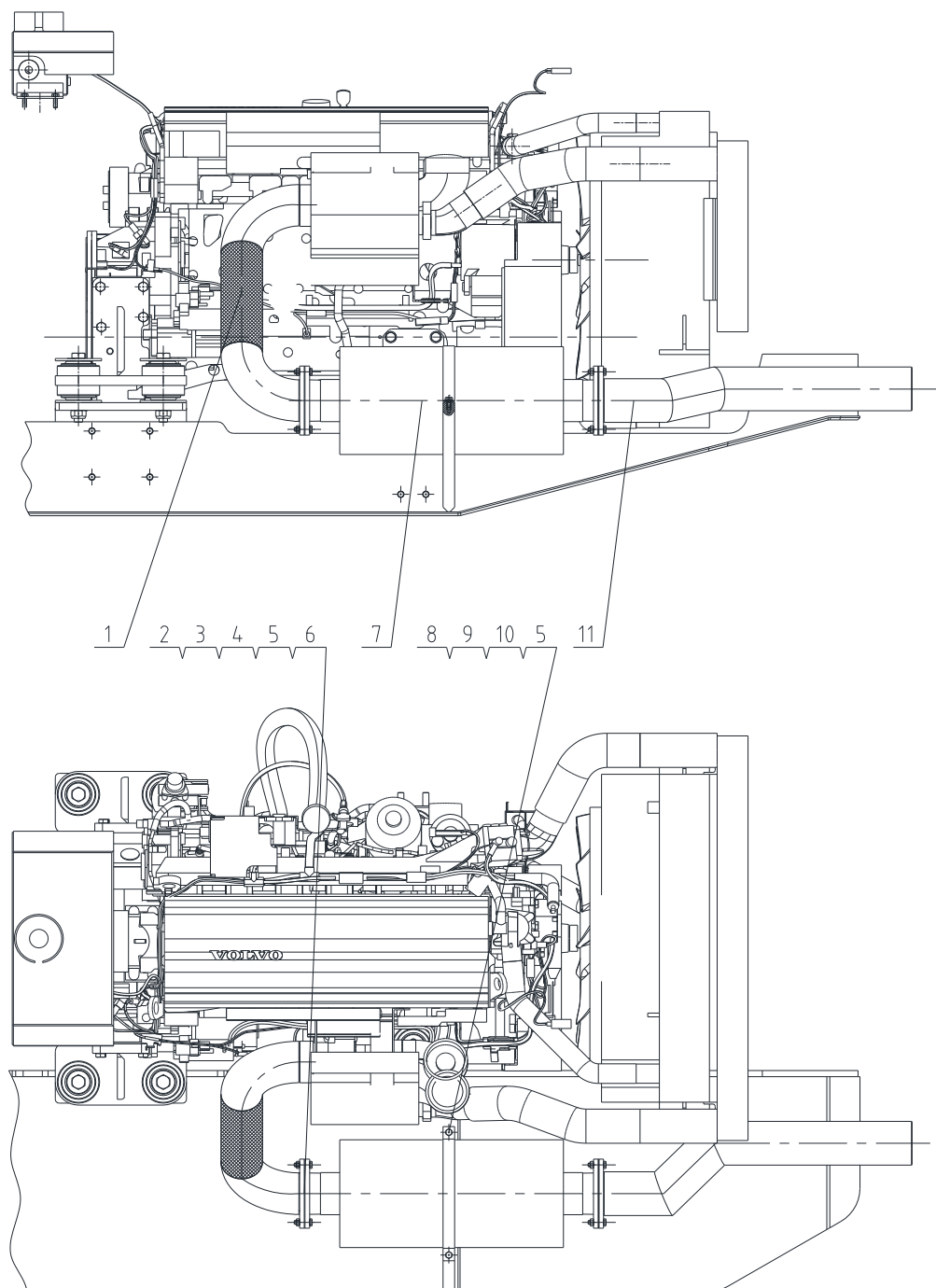
INTAKE SYSTEM (2.01.01.0120)



INTAKE SYSTEM (2.01.01.0120)

NO.	CODE	NAME	Q'TY	REMARK
1	3.08.02.0033P	AIR FILTER ASSEMBLY	1	
2	2.19.01.2035	AIR FILTER SUPPORT	1	
3	4.01.02.0029	BOLT	4	
4	4.06.04.0007	SPRING WASHER	4	
5	2.01.02.2038	ENGINE INTAKE PIPE	1	
6	6.02.01.0027	SILICONE TUBE	1	
7	3.01.03.0059	T PIPE CLAMP	2	
8	3.01.03.0058	T PIPE CLAMP	1	

EXHAUST SYSTEM



EXHAUST SYSTEM

NO.	CODE	NAME	Q'TY	REMARK
1	2.01.03.0148	VENT-PIPE	1	
2	3.10.06.2732	PURIFIER NOZZLE	2	
3	3.07.10.1001	ASBESTOS PAD	2	
4	4.01.02.0026	BOLT	12	
5	4.06.04.0006	SPRING WASHER	14	
6	4.02.01.0008	NUT	12	
7	3.08.01.0013P	TAIL GAS PURIFIER	1	
8	3.10.06.2733	PURIFIER CLAMP	1	
9	3.10.06.2734	PURIFIER SUPPORT	1	
10	4.01.02.0021	BOLT	2	
11	2.01.03.0147	REAR EXHAUST PIPE	1	

ENGINE SPARE PARTS LIST

NO.	CODE	NAME	Q'TY	REMARK
1	2.01.06.5762	SEALANT		
2	2.01.06.5774	WATER TEMPERATURE SENSOR		
3	2.01.06.5881	VDS-3 OIL(VOLVO SPECIAL OIL)		
4	2.01.06.5925	OIL LEVEL SENSOR		
5	2.01.06.6511	FUEL FILTER ELEMENT		
6	2.01.06.6512	OIL FILTER ELEMENT		
7	2.01.06.6513	OIL-WATER SEPARATOR FILTER		
8	2.01.06.6514	GENERATOR BELT		
9	2.01.06.6515	THERMOSTAT		
10	2.01.06.6516	COOLANT (YELLOW MARK)		
11	2.01.06.6517	CYLINDER GASKET		
12	2.01.06.6518	CYLINDER LINER ASSEMBLY		
13	2.01.06.6519	CYLINDER LINER ASSEMBLY		
14	2.01.06.6520	CAMSHAFT		
15	2.01.06.6521	MAIN BEARING SHELL		
16	2.01.06.6522	THRUST PLATE		
17	2.01.06.6523	CONNECTING ROD TILE		
18	2.01.06.6524	INTAKE VALVE		
19	2.01.06.6525	BLAST GATE		
NO.	CODE	NAME	Q'TY	REMARK
20	2.01.06.6526	VALVE LOCK CLAMP		
21	2.01.06.6527	VALVE GUIDE		
22	2.01.06.6528	INTAKE VALVE SEAT RING		
23	2.01.06.6529	EXHAUST VALVE SEAT RING		
24	2.01.06.6530	INTAKE VALVE ROCKER ARM		
25	2.01.06.6531	EXHAUST VALVE ROCKER ARM		
26	2.01.06.6532	PISTON RING ASSEMBLY		
27	2.01.06.6533	VALVE SPRING		

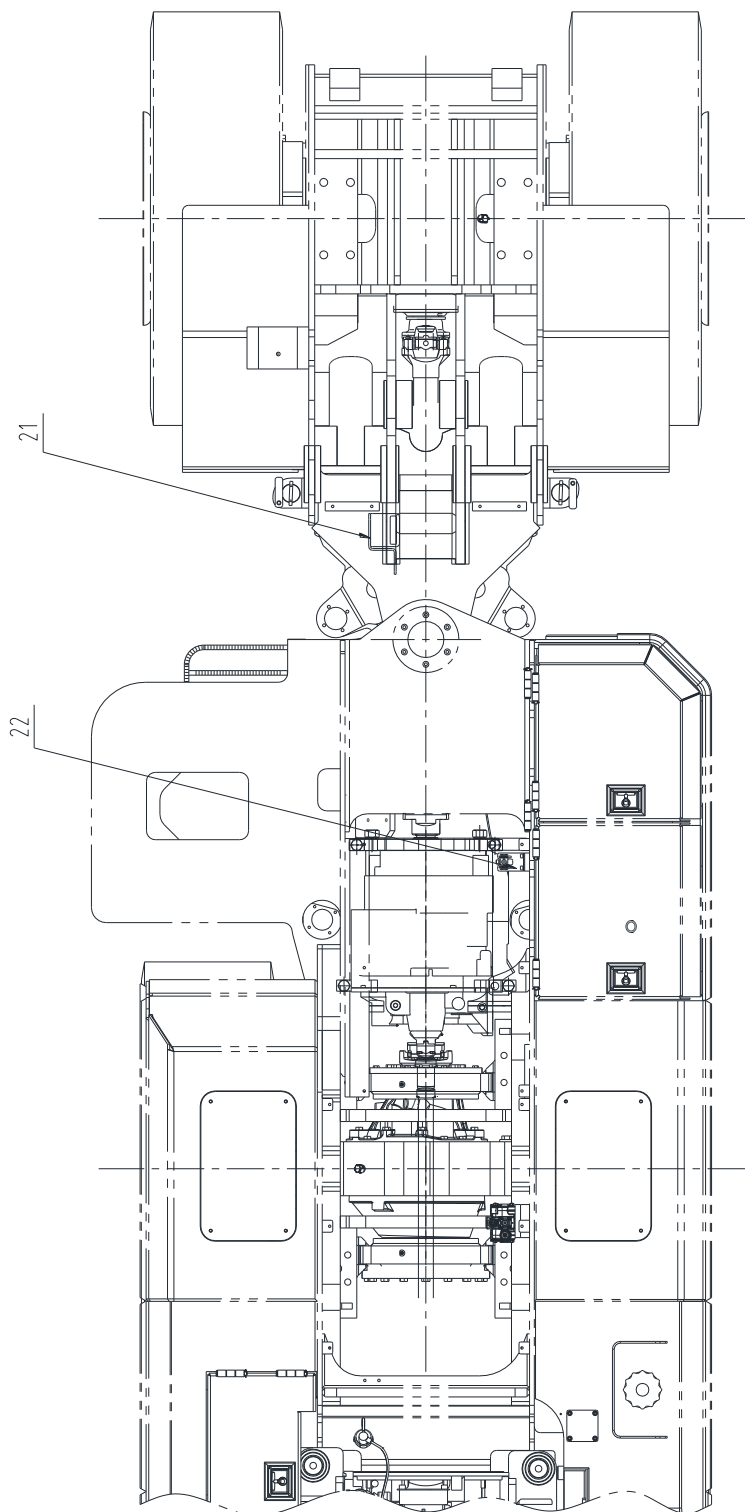
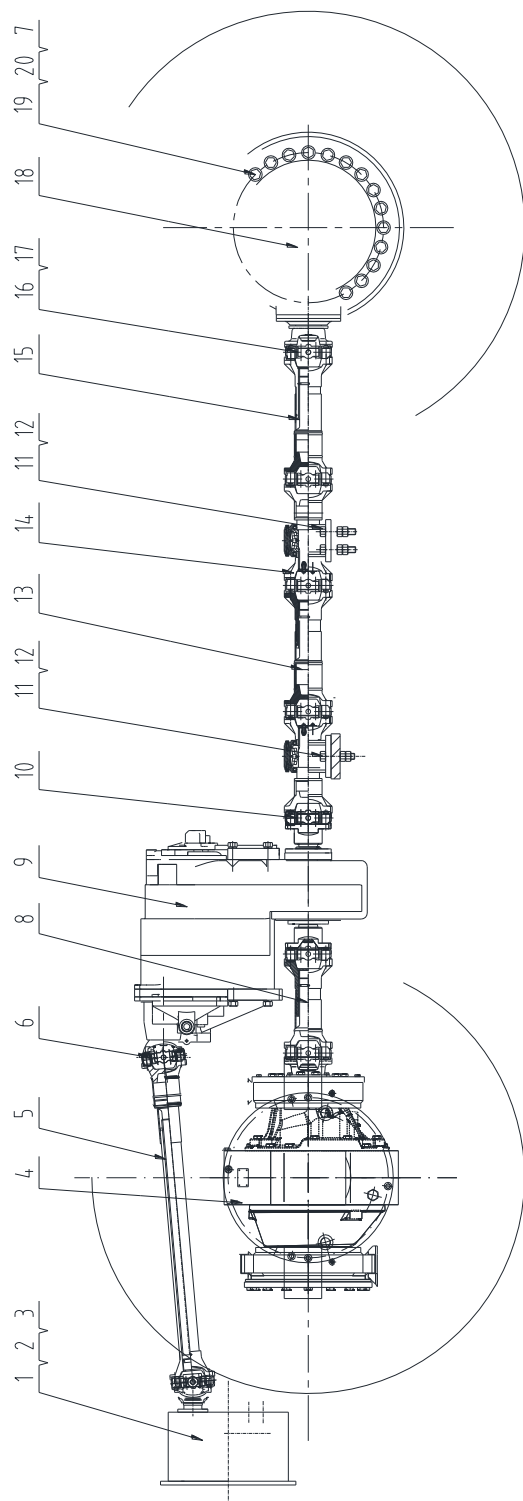
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28	2.01.06.6534	OIL PRESSURE SENSOR		
29	2.01.06.6535	CONTROL UNIT		
30	2.01.06.6536	FUEL INJECTOR		
31	2.01.06.6537	CHARGED GENERATOR		
32	2.01.06.6538	STARTING MOTOR		
33	2.01.06.6539	WATER PUMP		
34	2.01.06.6540	FLYWHEEL RING GEAR		
35	2.01.06.6541	PREHEATING RELAY		
36	2.01.06.6542	OIL PRESSURE SENSOR		
37	2.01.06.6543	INTAKE PRESSURE SENSOR		
38	2.01.06.6544	RAIL PRESSURE SENSOR		
39	2.01.06.6545	ENGINE CUSHION		
40	2.01.06.6546	CRANKSHAFT FRONT SEAL		
NO.	CODE	NAME	Q'TY	REMARK
41	2.01.06.6547	CRANKSHAFT REAR OIL SEAL		
42	2.01.06.6548	TURBOCHARGER PAD		
43	2.01.06.6549	THERMOSTAT		
44	2.01.06.6550	OIL-WATER SEPARATOR ASSEMBLY		
45	2.01.06.6551	DIESEL OIL FILTER SEAT		
46	2.01.06.6552	FAN BELT		
47	2.01.06.6553	VALVE CHAMBER COVER PAD		
48	2.01.06.6554	VALVE CHAMBER COVER PAD		
49	2.01.06.6555	OIL BED CUSHION		
50	2.01.06.6556	OIL RULER		
51	2.01.06.6557	INTAKE TEMPERATURE SENSOR		
52	2.01.06.6558	OIL PUMP		
53	2.01.06.6559	CRANKSHAFT		
54	2.01.06.6560	CYLINDER PAD		
55	2.01.06.6561	PRESSURIZER		
56	2.01.06.6562	LINK ROD		

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57	2.01.06.6563	OIL COOLING NOZZLE		
58	2.01.06.6564	CONNECTING-ROD BOLTS		
59	2.01.06.6565	ENGINE REPAIR KIT		
60	2.01.06.6566	INTAKE PIPE PAD		
61	2.01.06.6567	EXHAUST MANIFOLD PAD		
NO.	CODE	NAME	Q'TY	REMARK
62	2.01.06.6568	OIL COOLER		
63	2.01.06.6569	CYLINDER BOLT		
64	2.01.06.6570	WATER PUMP		
65	2.01.06.6571	VALVE OIL SEAL		
66	2.01.06.6572	INTAKE ROCKER ARM		
67	2.01.06.6573	EXHAUST ROCKER ARM		
68	2.01.06.6574	FAN		
69	2.01.06.6575	TENSION PULLEY		
70	2.01.06.6576	FAN		
71	2.01.06.6902	BELT TENSIONER		
72	2.01.06.6903	OIL TRANSFER PUMP		
73	2.01.06.6904	OIL PUMP CONTROL VALVE		
74	2.01.06.6905	FUEL OIL COARSE FILTER PLASTIC BOWL COVER		
75	2.01.06.6906	PRESSURIZED PRESSURE SENSOR		
76	2.01.06.6907	OIL LEVEL SENSOR		
77	2.01.06.6908	FUSE		
78	2.01.06.6909	WIRE HARNESS (INJECTOR)		
79	2.01.06.6910	WIRE HARNESS (ENGINE)		
80	2.01.07.0048P	VOLVO ENGINE		
81	3.01.09.0036	ENGINE FAN (650MM BLOWING)		

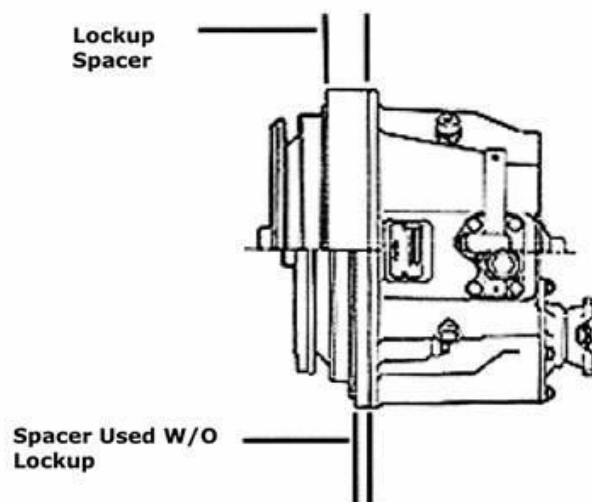
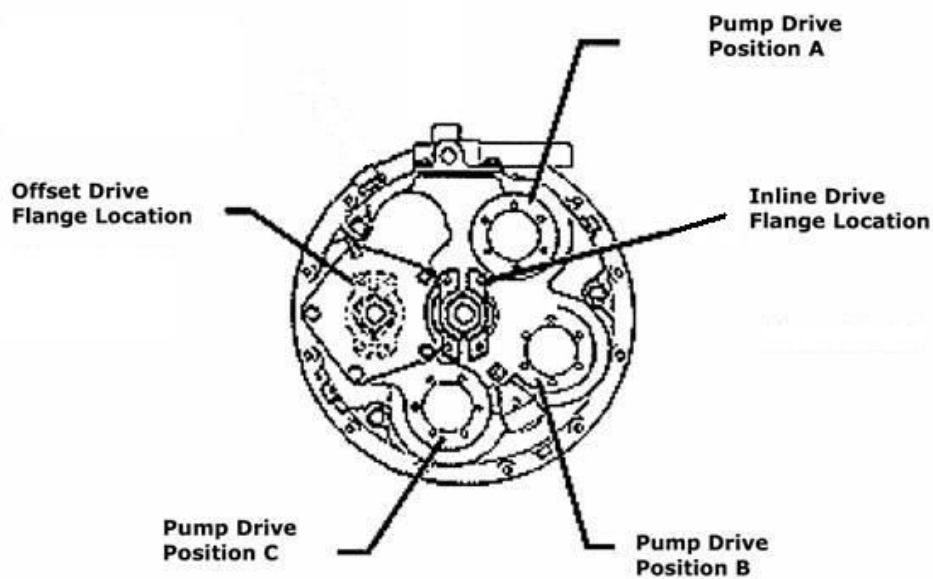
DRIVE SYSTEM (2.12.00.0077)



DRIVE SYSTEM (2.12.00.0077)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.00.0018	TORQUE CONVERTER	1	
2	4.01.01.0028	BOLT	12	
3	4.06.04.0006	SPRING WASHER	20	
4	2.03.00.0004P	REAR DRIVE AXLE	1	
5	2.12.01.0221P	INPUT DRIVE SHAFT	1	
6	3.01.01.0015	BOLT	8	UNIVERSAL JOINT HAS
7	2.14.00.0013P	RIM	4	
8	2.12.01.0222P	REAR DRIVE SHAFT	1	
9		TRANSMISSION ASSEMBLY	1	
10	2.12.01.0050P	REAR FIXED DRIVE SHAFT	1	
11	4.01.01.0098	BOLT	6	
12	4.02.01.0021	NUT	12	
13	2.12.01.0223P	ARTICULATED DRIVE SHAFT	1	
14	2.12.01.0025P	FRONT FIXED DRIVE SHAFT	1	
15	2.12.01.0224P	FRONT DRIVE SHAFT	1	
16	3.01.01.0019	BOLT	56	UNIVERSAL JOINT HAS
17	4.06.04.0008	SPRING WASHER	56	UNIVERSAL JOINT HAS
18	2.03.00.0003P	FRONT DRIVE AXLE	1	
19	3.01.12.0012P	TYRE	4	
20	2.03.06.0010	RIM NUT	96	DRIVING AXLE HAS
21	3.10.06.5533	SPEED SENSOR BRACKET	1	
22		TRANSMISSION OIL GAUGE FIXING FRAME	1	

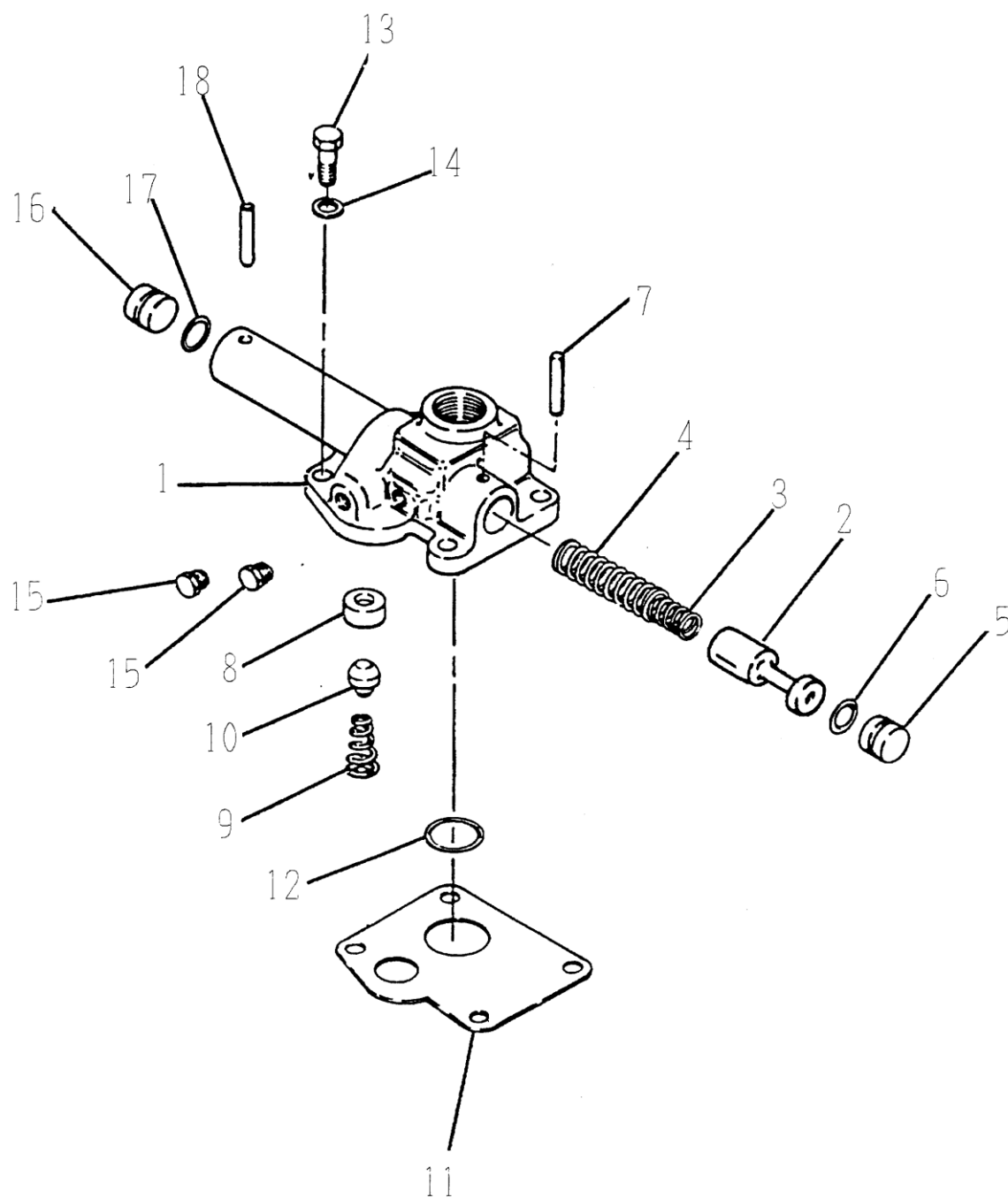
TORQUE CONVERTER (2.02.00.0018)



TORQUE CONVERTER (2.02.00.0018)

NO.	CODE	NAME	Q'TY	REMARK
1	2.13.00.0008	TORQUE CONVERTER REPAIR KIT	1	
2	2.02.03.0108	TORQUE CONVERTER PRESSURE GAUGE	1	
3	2.02.03.0106	MAIN PUMP SPLINE SLEEVE	1	

PRESSURE REGULATING VALVE ASSEMBLY (2.02.03.0352)

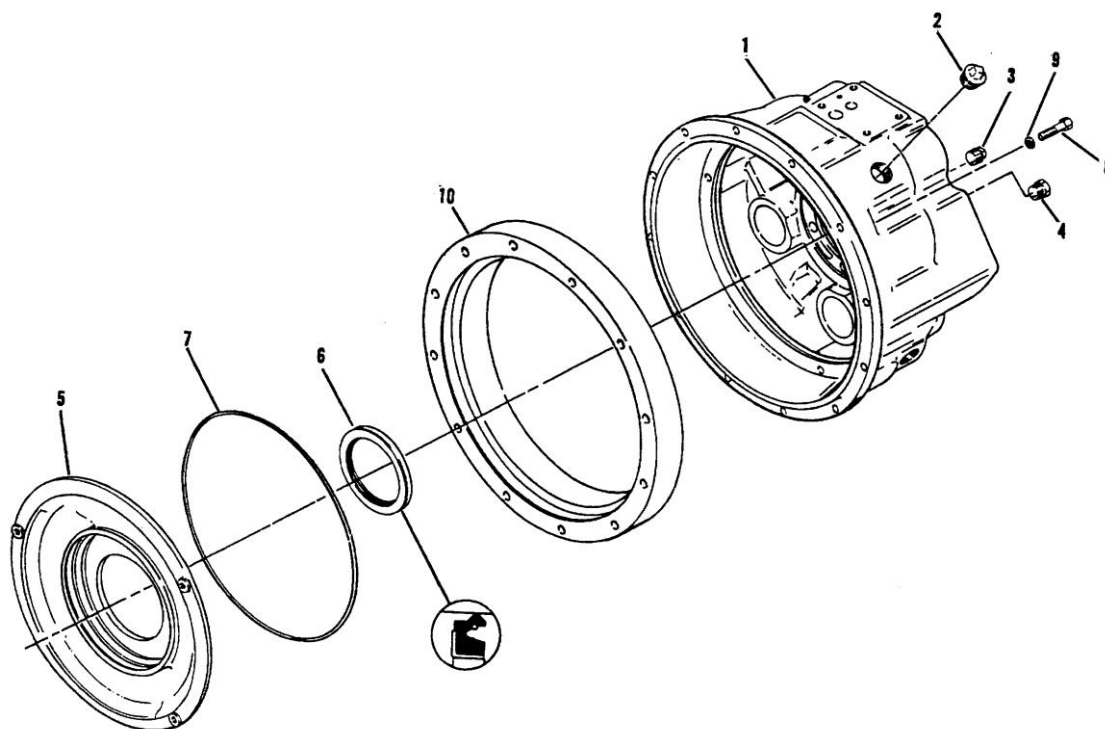


PRESSURE REGULATING VALVE ASSEMBLY (2.02.03.0352)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0353	ASSY-REGULATOR VALVE	1	INCLUDING ITEM NO.: 2~8
2	2.02.03.0508	VALVE PISTON	1	
3	2.02.03.0201	PRESSURE-REGULATOR SPRING	1	
4	2.02.03.0202	VALVE SPRING OUTER	1	
5	2.02.03.0874	VALVE STOP	1	
6	2.02.03.0035	O RING	1	
7	2.02.03.0458	VALVE STOP ROLL PIN	1	
8	2.02.03.0068	SAFETY VALVE SET	1	
9	2.02.03.0200	SPRING-VALVE	1	
10	2.02.03.0507	PLUNGER-VALVE	1	
11	2.02.03.0306	GASKET	1	
12	2.02.03.0963	SEAL-O RING	1	
13	2.02.03.0713	ASSY-SCREW&LOCKWAS HER	4	
14		LOCKWASHER	4	N.S.S. PART ITEM NO.:13
15	2.02.03.1059	PLUG-PIPE	2	
16	2.02.03.0874	VALVE STOP	1	
17	2.02.03.0035	O RING	1	
18	2.02.03.0458	VALVE STOP ROLL PIN	1	

CONVERTER HOUSING & OIL BAFFLE GROUP

(2.02.03.0093)

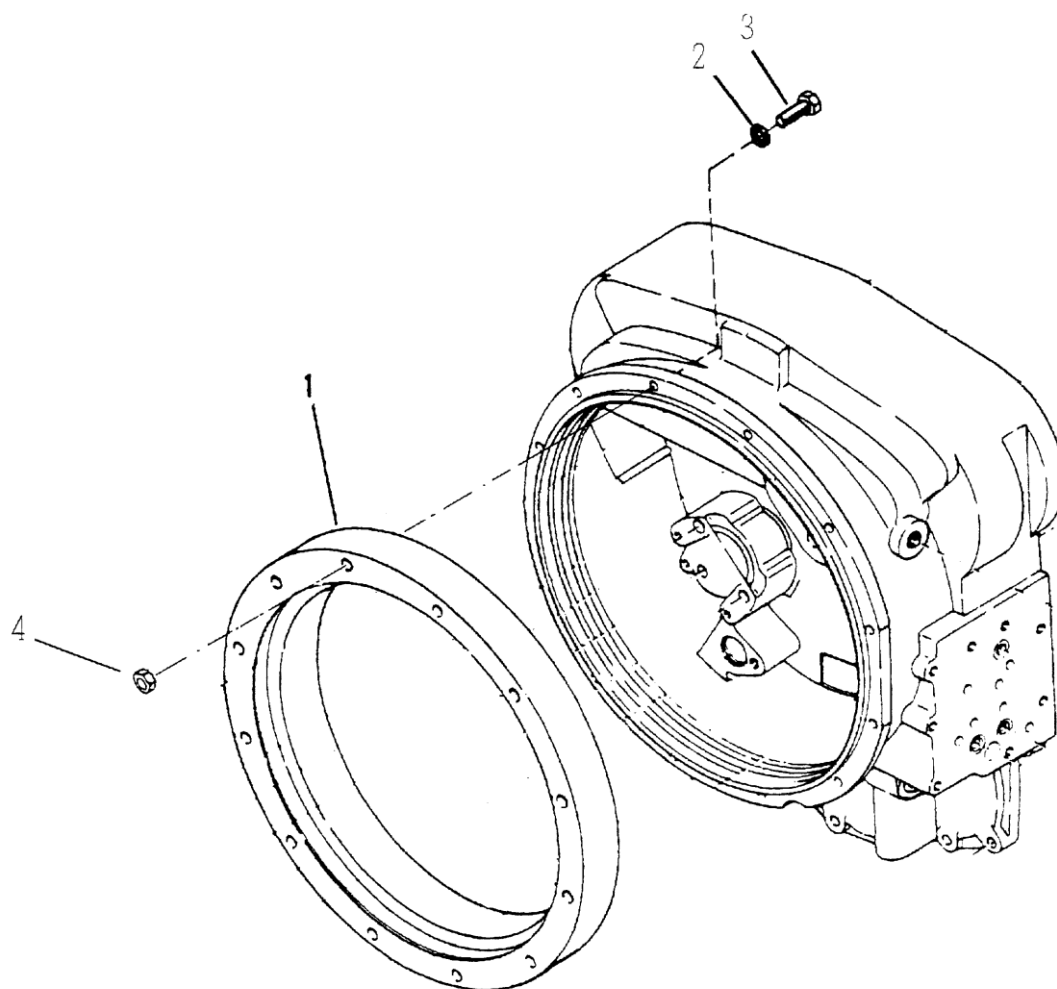


CONVERTER HOUSING & OIL BAFFLE GROUP

(2.02.03.0093)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0095	HOUSING-CONVERTER	1	
2	2.02.03.0849	PIPE PLUG	4	
3	2.02.03.0850	PIPE PLUG	1	
4	2.02.03.1059	PIPE PLUG	1	
5	2.02.03.0239	BAFFLE KIT	1	INCLUDE ITEM: 6
6	2.02.03.0961	SEAL-OIL	1	
7	2.02.03.0061	O RING	1	
8	2.02.03.0648	CAPSCREW	3	
9	2.02.03.0858	LOCKWASHER	3	
10				NOT USED ON THIS MODEL

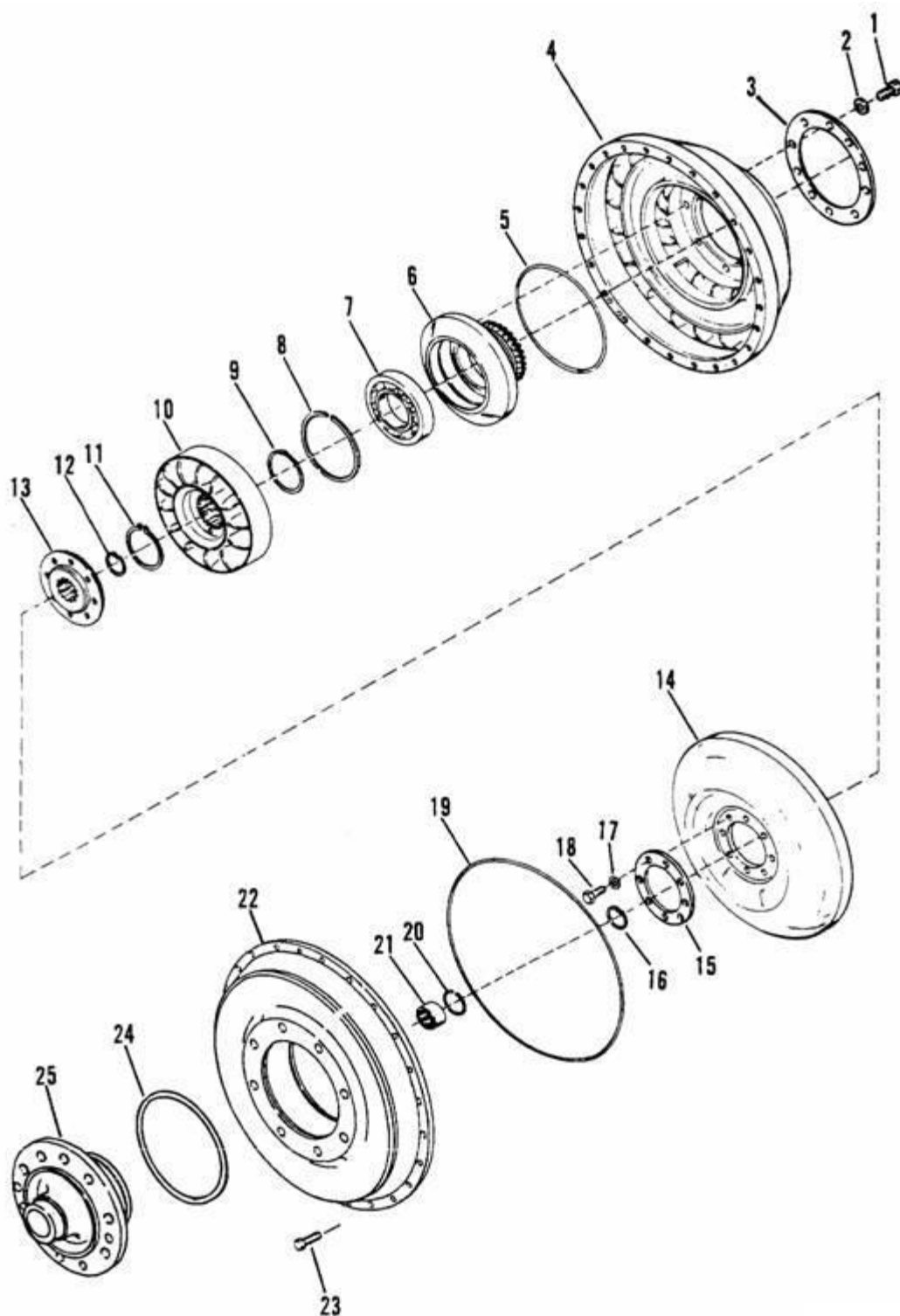
CONVERTER ADAPTOR RING (2.02.03.0102)



CONVERTER ADAPTOR RING (2.02.03.0102)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0466	RING-CONVERTER HOUSING ADAPTOR	1	
2	2.02.03.0858	LOCKWASHER	1	
3	2.02.03.0698	CAPSCREW	1	
4	2.02.03.0663	NUT	1	

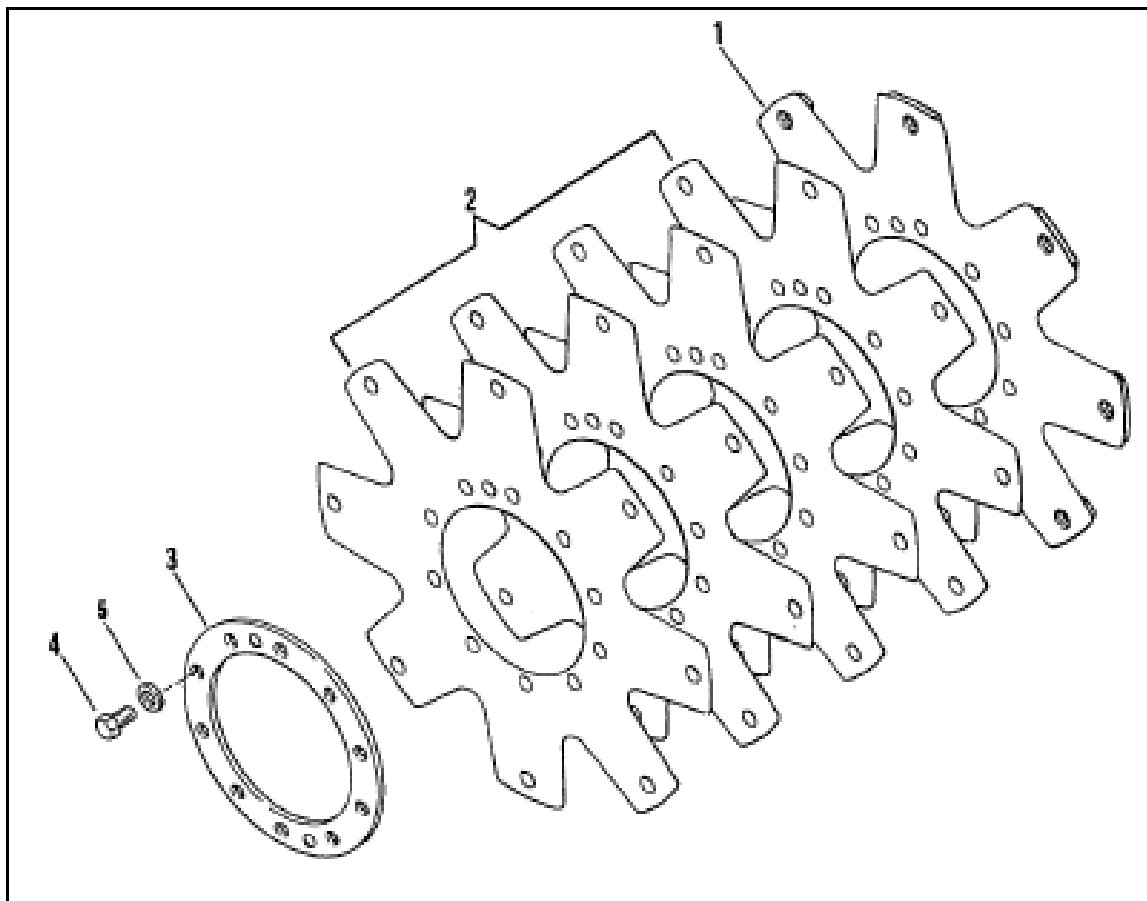
WHEEL GROUP FOR FLEX PLATE DRIVE (2.02.03.0640)



WHEEL GROUP FOR FLEX PLATE DRIVE (2.02.03.0640)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0714	SCREW-HUB TO IMPELLER	12	
2				NOT USED ON THIS MODEL
3	2.02.03.0330	RING-IMPELLER HUB SCREW BACKING	1	
4	2.02.03.0078	IMPELLER	1	
5	2.02.03.0047	O RING	1	
6	2.02.03.0631	HUB-IMPELLER	1	
7	2.02.03.1005	BEARING	1	
8	2.02.03.1044	BEARING SNAP RING	1	
9	2.02.03.0362	SPACER-REACTION MEMBER	1	
10	2.02.03.0266	MEMBER-REACTION	1	
11	2.02.03.0372	RETAINING RING	1	
12	2.02.03.0574	SNAP RING-EXTERNAL	1	
13	2.02.03.0898	HUB-TURBINE	1	
14	2.02.03.0895	TURBINE	1	
15	2.02.03.0334	RING-TURBINE HUB SCREW BACKING	1	
16	2.02.03.0574	SNAP RING-EXTERNAL	1	
17				NOT USED ON THIS MODEL
18	2.02.03.0695	CAPSCREW	8	
19	2.02.03.0744	SEALING RING	1	
20	2.02.03.0567	SNAP RING	1	
21	2.02.03.0465	BEARING-ROLLER	1	
22	2.02.03.0080	COVER-IMPELLER	1	
23	2.02.03.0858	LOCKWASHER	24	
24	2.02.03.0646	CAPSCREW	24	
25				NOT USED ON THIS MODEL

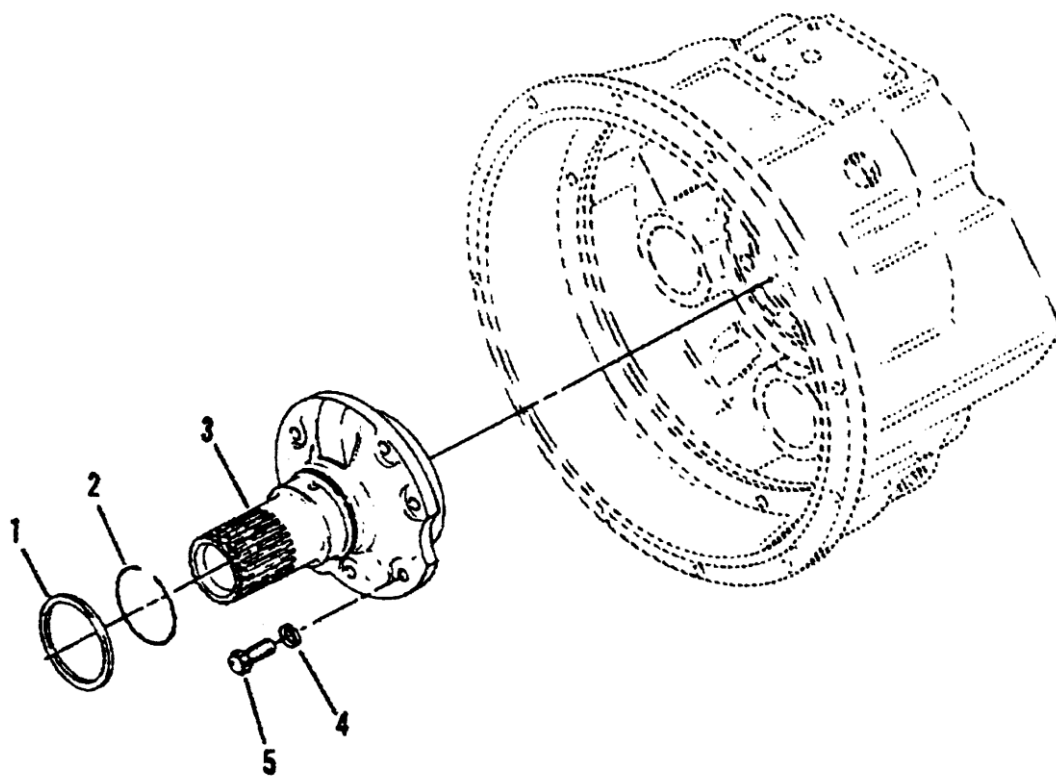
DRIVE PLATE GROUP (2.02.03.0188)



DRIVE PLATE GROUP (2.02.03.0188)

NO.	CODE	NAME	Q'TY	REMARK
1				NOT USED ON THIS MODEL
2				NOT USED ON THIS MODEL
3	2.02.03.0624	RING-BACKING	1	
4	2.02.03.0858	OCKWASHER	10	
5	2.02.03.0645	CAPSCREW	10	

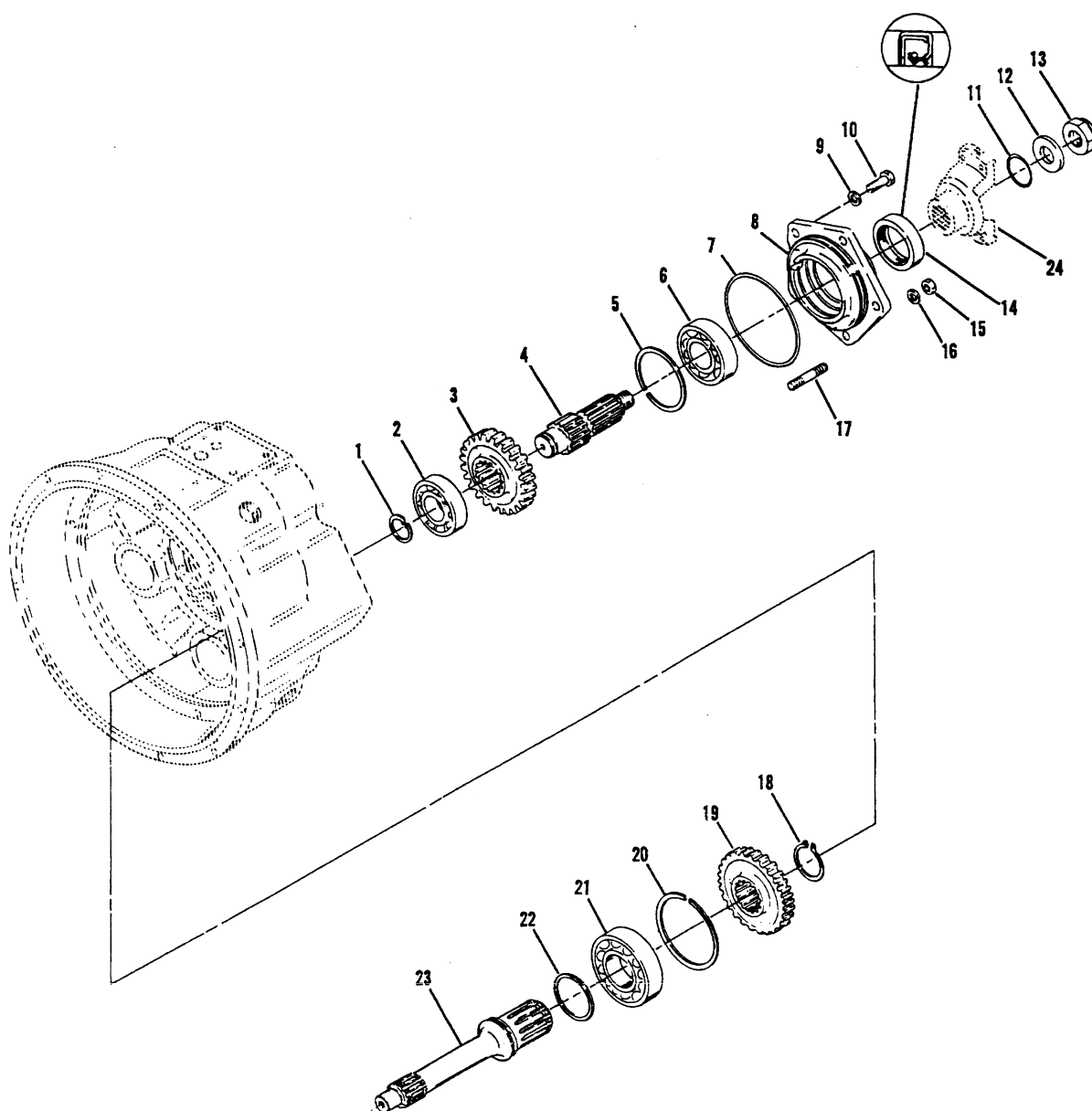
STATOR SUPPORT GROUP (2.02.03.0366)



STATOR SUPPORT GROUP (2.02.03.0366)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0523	RING-PISTON	1	
2				NOT USED ON THIS MODEL
3	2.02.03.0877	STATOR SUPPORT AND SLEEVE ASSY	1	
4	2.02.03.0863	LOCKWASHER	6	
5	2.02.03.0706	CAPSCREW	6	

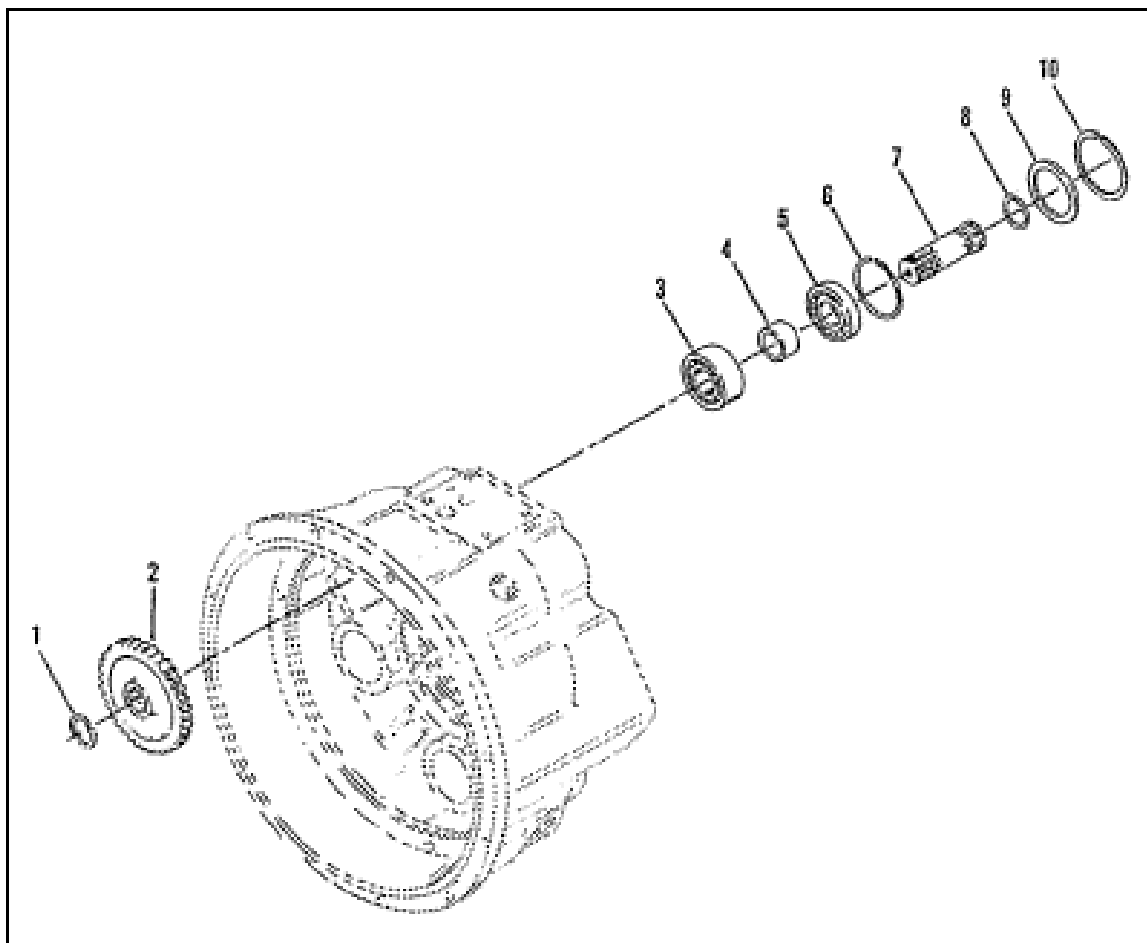
TURBINE SHAFT&OUTPUT SHAFT GROUP (2.02.03.0907)



TURBINE SHAFT&OUTPUT SHAFT GROUP (2.02.03.0907)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0544	SNAP RING	1	
2	3.04.10.0019	BEARING-OUTPUT SHAFT FRONT	1	
3	2.02.03.0905	GEAR-TURBINE SHAFT	1	
4	2.02.03.0821	SHAFT-OUTPUT	1	
5	2.02.03.0553	SNAP RING	1	
6	2.02.03.1028	BALL-BEARING	1	
7	2.02.03.0044	O RING	1	
8	2.02.03.1029	BEARING-RETAINER	1	
9	2.02.03.0340	LOCKWASHER-PUMP MOUNTING SCREW	3	
10	2.02.03.0703	CAPSCREW	3	
11	2.02.03.0836	O RING	1	
12	2.02.03.0416	WAHSE-FLANGE	1	
13	2.02.03.0659	NNUT-FLANGE	1	
14	2.02.03.0105	OIL SEAL	1	
15	2.02.03.0668	NUT	2	
16	2.02.03.0340	LOCKWASHER-PUMP MOUNTING SCREW	2	
17	2.02.03.0728	STUD	2	
18	2.02.03.0550	SNAP RING	1	
19	2.02.03.0904	GEAR-TURBINE SHAFT	1	
20	2.02.03.0542	SNAP RING	1	
21	2.02.03.1020	BEARING-BALL	1	
22	2.02.03.0524	RING-PISTON	1	
23	2.02.03.0901	TURBINE SHAFT	1	
24	2.02.03.0104	OUTPUT FLANGE	1	

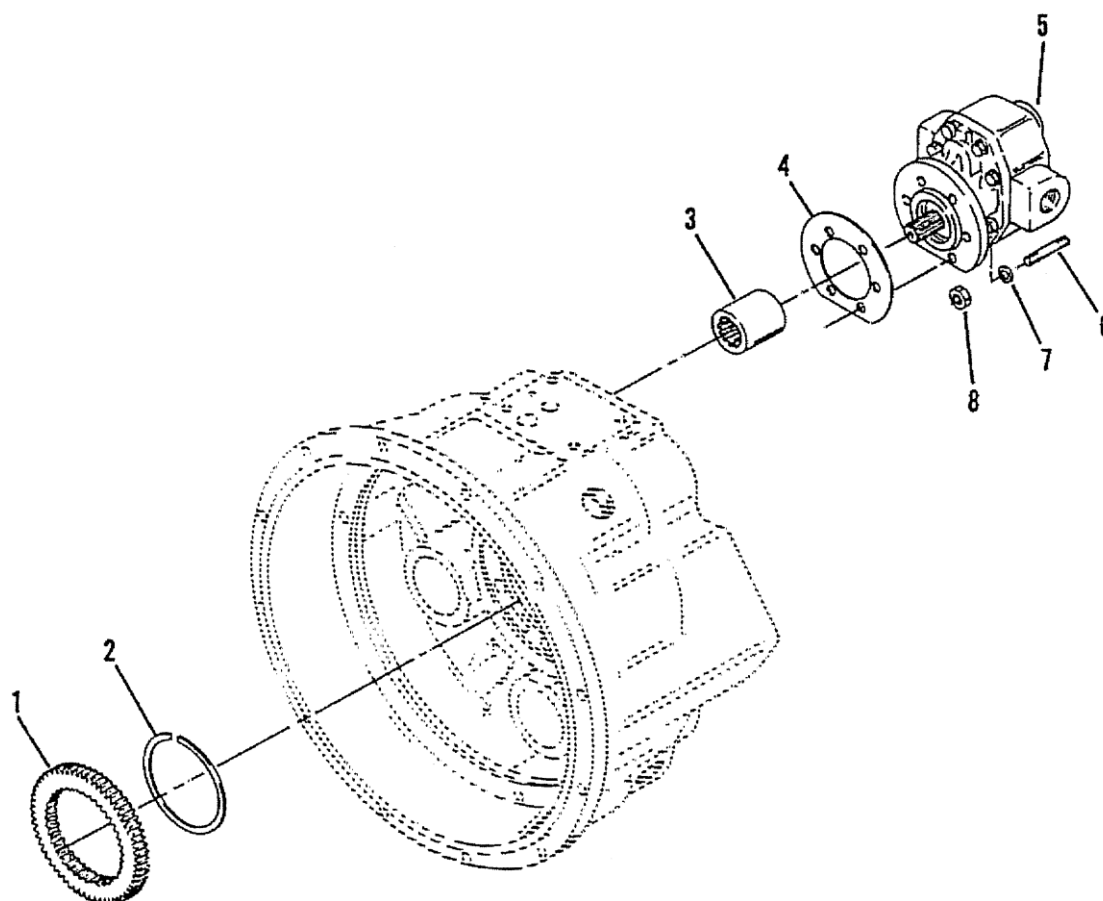
PUMP DRIVE GROUP (2.02.03.0085)



PUMP DRIVE GROUP (2.02.03.0085)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0568	SNAP RING	1	
2	2.02.03.0086	GEAR-PUMP DRIVE	1	
3	2.02.03.0992	ROLLER BEARING	1	
4	2.02.03.0084	PUMP SHAFT SPACER	1	
5	2.02.03.0460	BALL BEARING	1	
6	2.02.03.0543	SNAP RING	1	
7	2.02.03.0784	SHAFT-PUMP DRIVE	1	
8	2.02.03.0551	SNAP RING	1	
9	2.02.03.0083	PUMP SHAFT WASHER	1	
10	2.02.03.0569	SNAP RING	1	

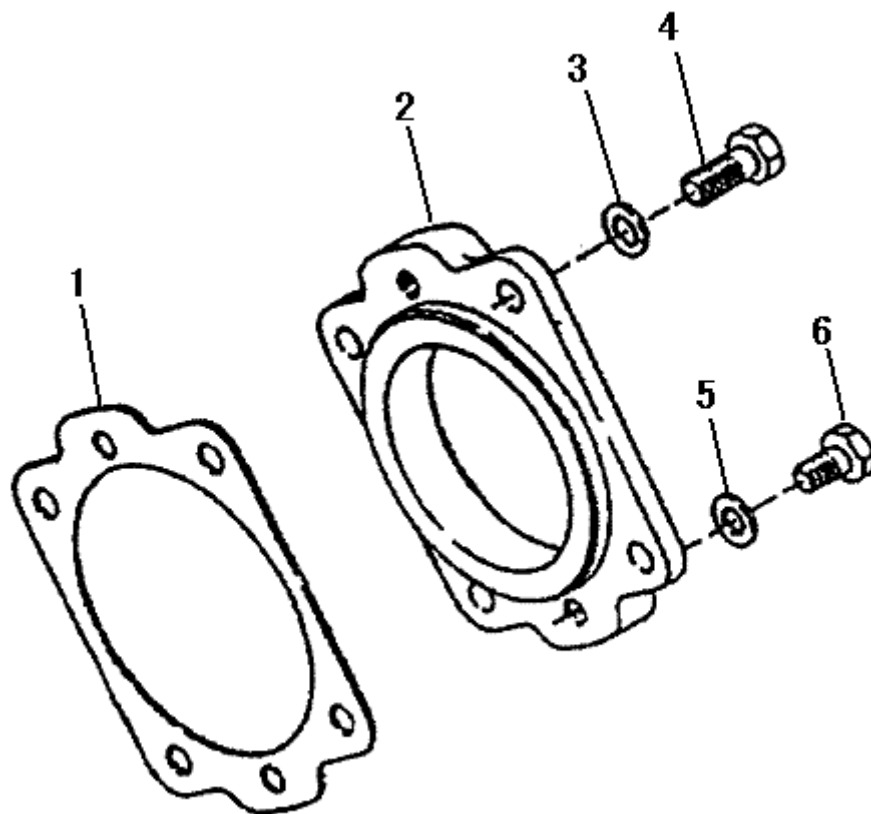
CHARGING PUMP GROUP (2.02.03.0946)



CHARGING PUMP GROUP (2.02.03.0946)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0146	GEAR-IMPELLER HUB	1	
2	2.02.03.0549	SNAP RING-IMPELLER HUB GEAR	1	
3	2.02.03.0437	SLEEVE	1	
4	2.02.03.0134	GASKET PUMP TO CONVERTER	1	
5	2.02.03.0130	ASSY-CHARGING SCAVENGER	1	
6	2.02.03.0727	STUD	6	
7	2.02.03.0858	LOCKWASHER	6	
8	2.02.03.0664	NUT	6	

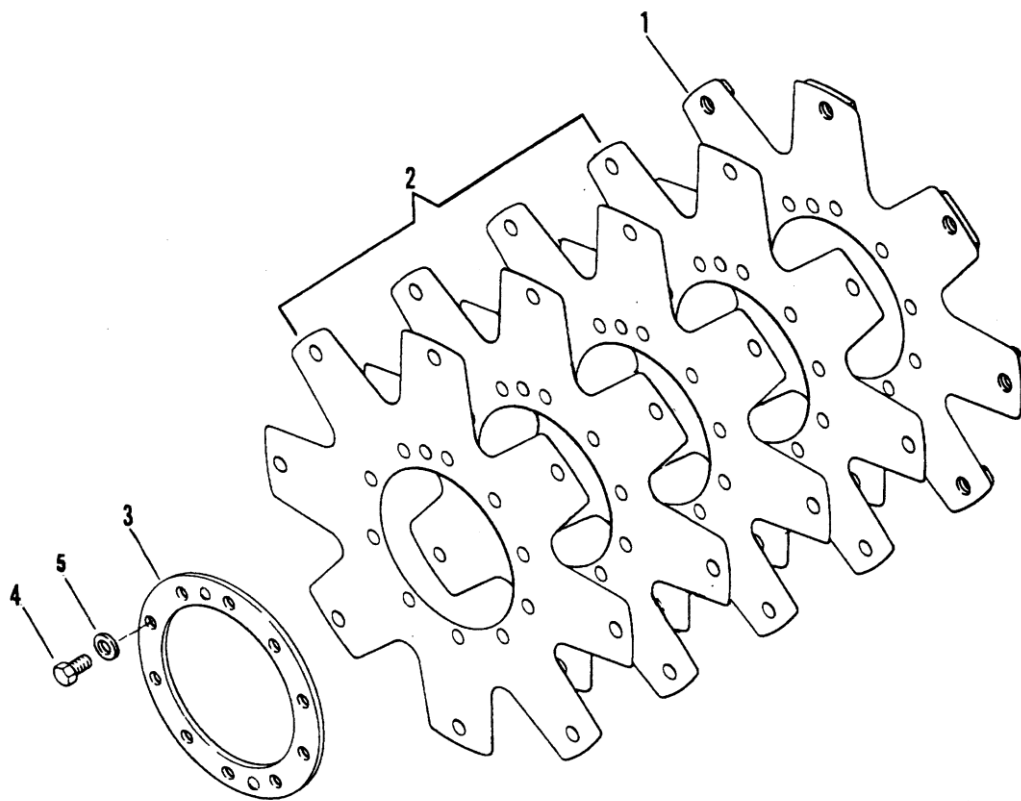
PUMP ADAPTOR (2.02.03.0076)



PUMP ADAPTOR (2.02.03.0076)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0134	GASKET PUMP TO CONVERTER	1	
2	2.02.03.0623	PUMP ADAPTOR	1	
3	2.02.03.0860	LOCKWASHER	3	
4	2.02.03.0697	CAPSCREW	3	
5				NOT USED ON THIS MODEL
6				NOT USED ON THIS MODEL

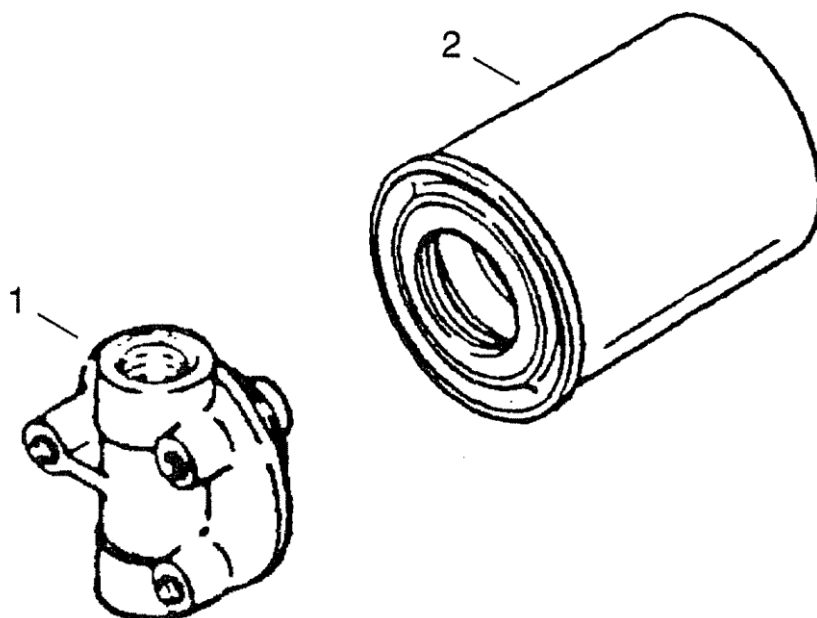
DRIVE PLATE GROUP (2.02.03.0189)



DRIVE PLATE GROUP (2.02.03.0189)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0240P	KIT-DRIVE PLATE	1	NCL. ITEM2-5
2		PLATE DRIVE	5	N. S. S.
3				NOT USED ON THIS MODEL
4	2.02.03.0716	SELF LOCKING SREW	10	
5	2.02.03.0420	FLYWHELL COUPLING WASHER	10	

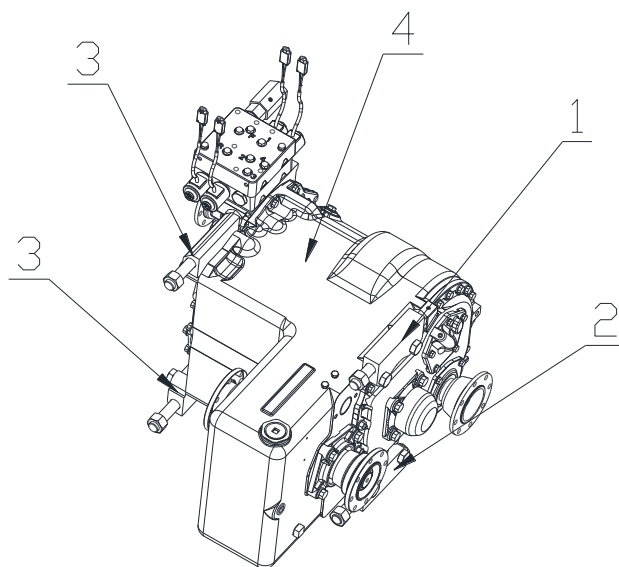
GROUP-REMOTE FILTER (2.02.03.0470)



GROUP-REMOTE FILTER (2.02.03.0470)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0472	ADAPTOR-FILTER	1	
2	2.02.03.0845	ASSEMBLY-OIL FILTER	1	

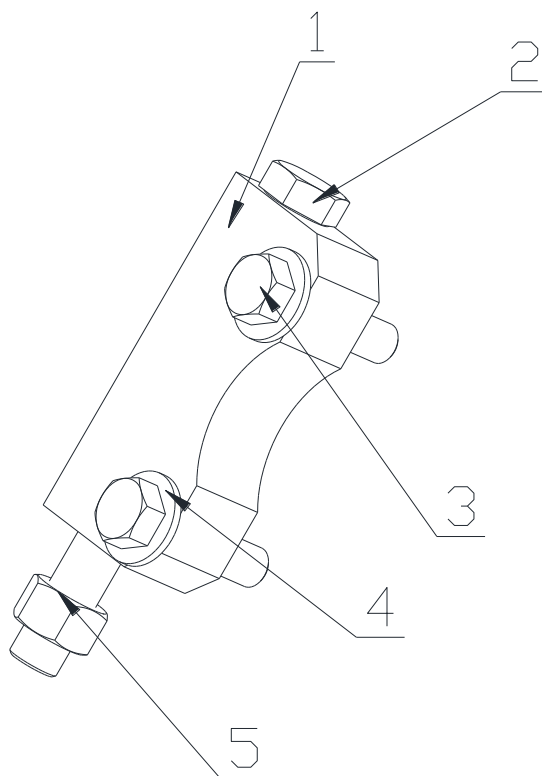
TRANSMISSION CASE



TRANSMISSION CASE

NO.	CODE	NAME	Q'TY	REMARK
1		RIGHT ANTERIOR SUPPORTING PLATE	1	
2		LEFT ANTERIOR BRANCH PLATE	1	
3		POSTERIOR SUPPORTING PLATE	2	
4	2.02.01.0023	TRANSMISSION	1	

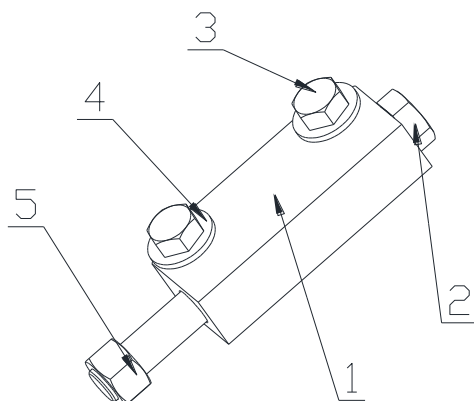
RIGHT ANTERIOR SUPPORTING PLATE



RIGHT ANTERIOR SUPPORTING PLATE

NO.	CODE	NAME	Q'TY	REMARK
1	3.10.06.2613	RIGHT ANTERIOR SUPPORTING PLATE	1	
2	4.01.03.0048	BOLT	1	
3	3.01.01.0022	BOLT	2	
4	4.06.01.0011	PLAIN WASHER	2	
5	4.02.14.0005	NUT	1	

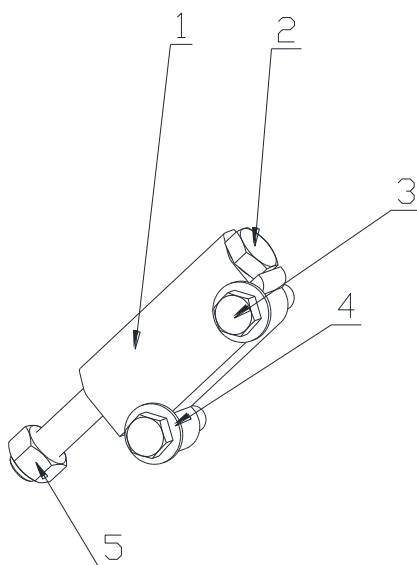
LEFT ANTERIOR BRANCH PLATE



LEFT ANTERIOR BRANCH PLATE

NO.	CODE	NAME	Q'TY	REMARK
1	3.10.06.2615	LEFT ANTERIOR BRANCH PLATE	1	
2	4.01.03.0048	BOLT	1	
3	3.01.01.0022	BOLT	2	
4	4.06.01.0011	PLAIN WASHER	2	
5	4.02.14.0005	NUT	1	

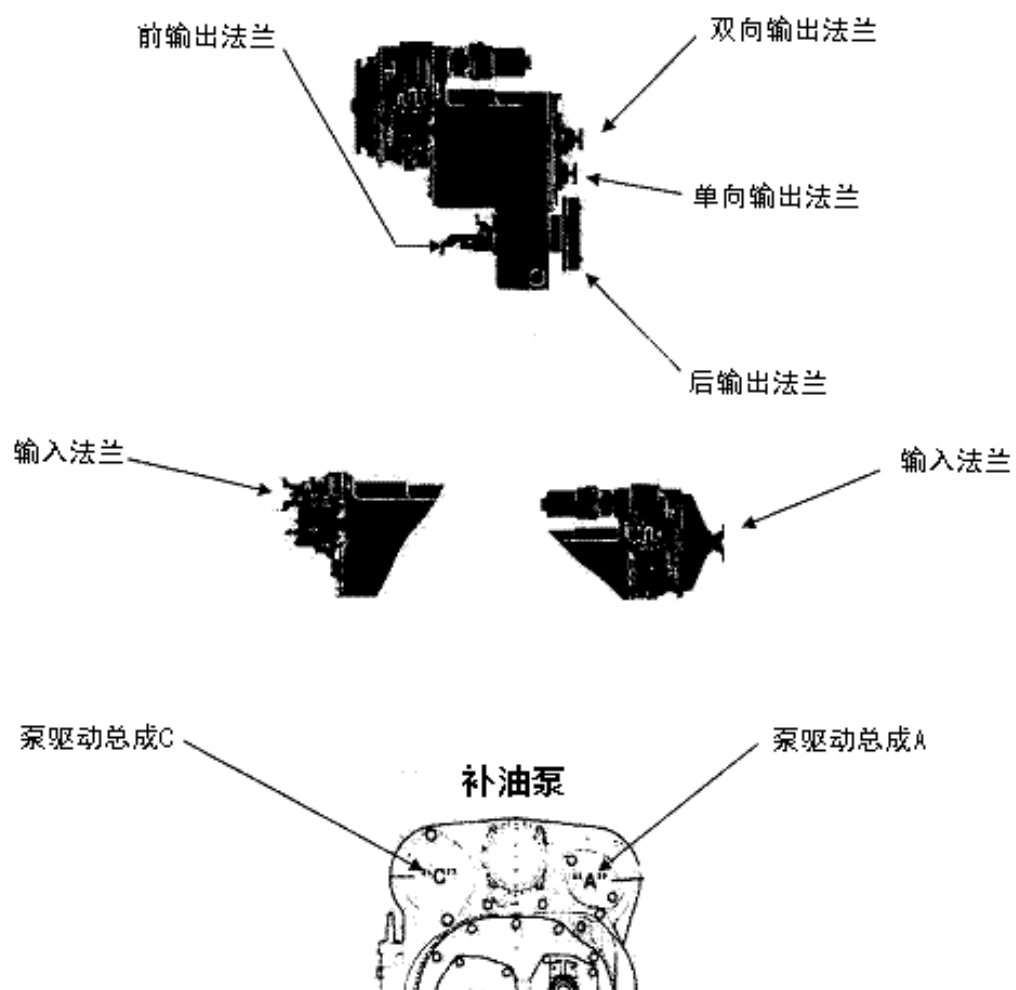
POSTERIOR SUPPORTING PLATE



POSTERIOR SUPPORTING PLATE

NO.	CODE	NAME	Q'TY	REMARK
1	3.10.06.2622	POSTERIOR SUPPORTING PLATE	1	
2	4.01.03.0048	BOLT	1	
3	3.01.01.0022	BOLT	2	
4	4.06.01.0011	FLAT WASHER	2	
5	4.02.14.0005	NUT	1	

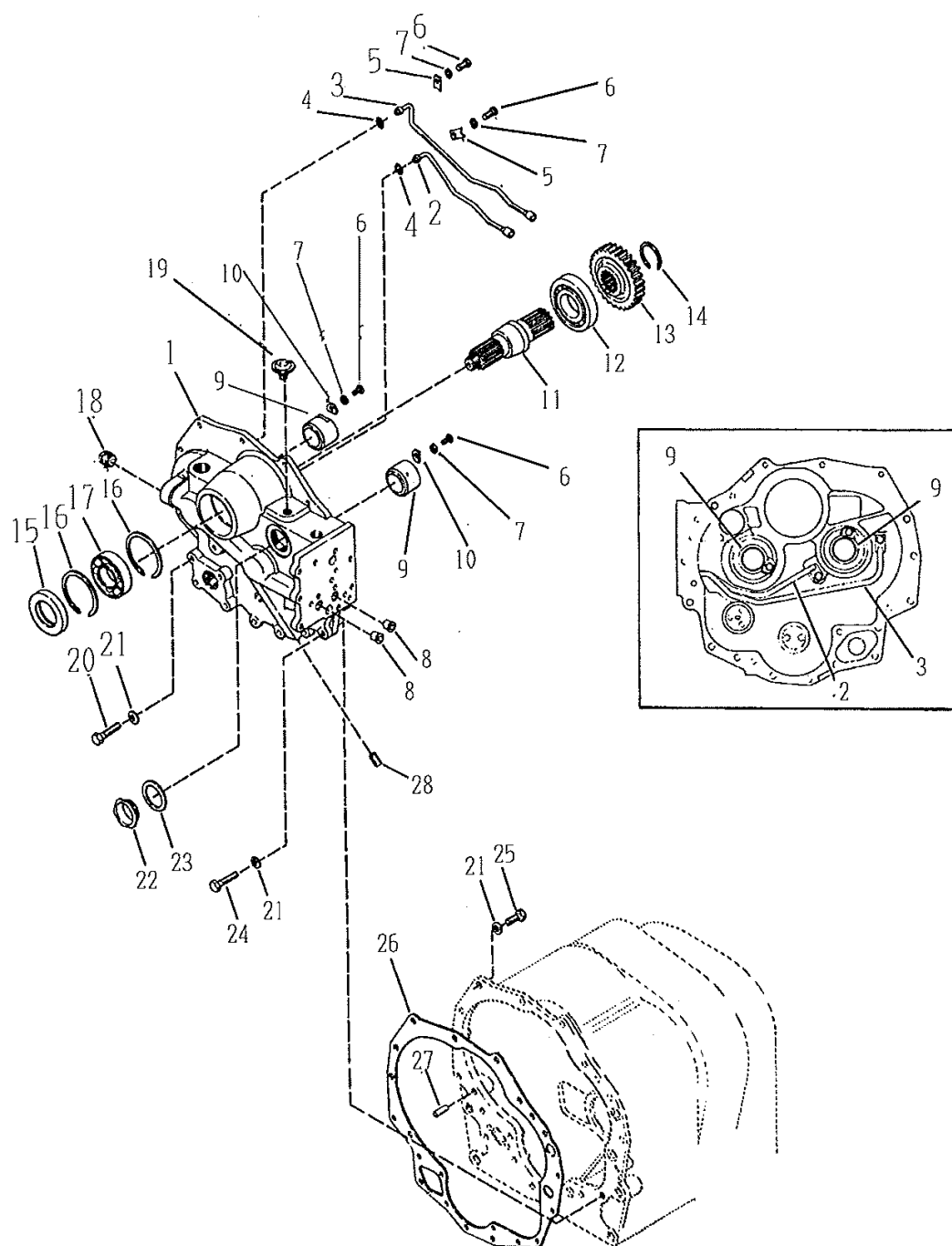
TRANSMISSION (2.02.01.0023)



TRANSMISSION (2.02.01.0023)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0811	OUTPUT GEAR	1	
2	2.02.03.0889	BEARING CAP	1	
3	2.02.03.0070	ACCESSORY BAG	5	NOT SHOWN IN THE DIAGRAM
	2.02.03.2311	OIL RULER	2	NOT SHOWN IN THE DIAGRAM
	2.02.03.1145	GEARBOX CONTROL HANDLE	1	NOT SHOWN IN THE DIAGRAM

INPUT SHAFT AND FRONT COVER (2.02.03.2305)

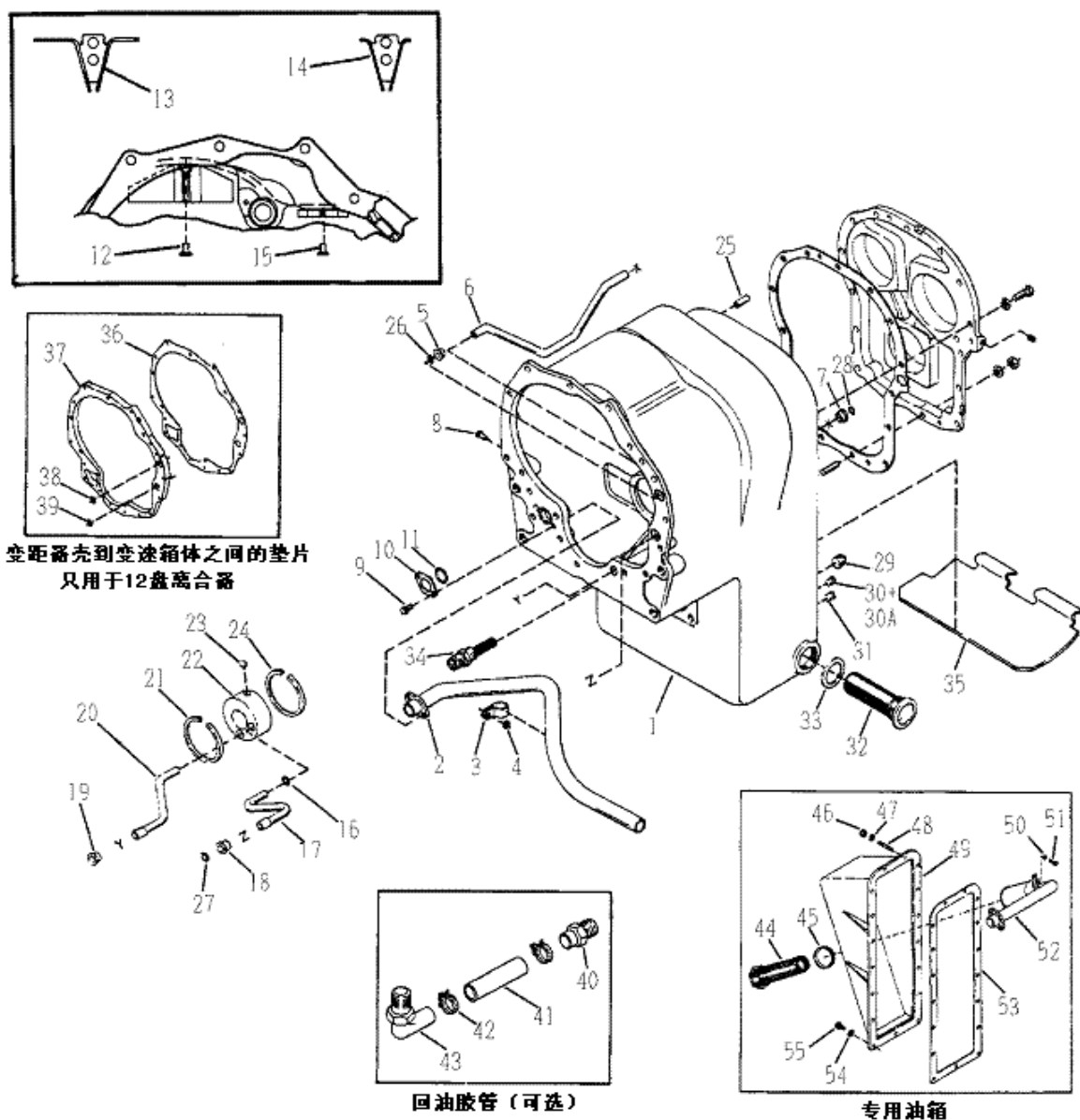


INPUT SHAFT AND FRONT COVER (2.02.03.2305)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0763	ASSEMBLY-FRONT COVER AND TUBE WITHOUT PTO	1	
2	2.02.03.0486	ASSY-REVERSE SPEED TUBE	1	
3	2.02.03.0806	HOSE ASSY-3 rd CLUTCH	1	
4	2.02.03.0010	O RING	2	
5	2.02.03.0451	TUBE CLIP	2	
6	2.02.03.0696	CAPSCREW	4	
7	2.02.03.0857	LOCKWASHER	4	
8	2.02.03.1051	SLEEVE-PRESS&LUBR TUBE	2	
9	2.02.03.0927	SLEEVE-CONVERTER HOUSING	2	
10	2.02.03.1054	WASHER	2	
11	2.02.03.0839	SHAFT-INPUT	1	
12	2.02.03.0463	ROLLER BEARING	1	
13	2.02.03.0900	GEAR-TURBINE SHAFT	1	
14	2.02.03.0550	SNAP RING	1	
15	2.02.03.0128	SEAL-OUTPUT SHAFT FRONT OIL	1	
16	2.02.03.0548	SNAP RING	2	
17	2.02.03.1014	BEARING-BALL	1	
18	2.02.03.0849	PIPE PLUG	1	
19	2.02.03.0119	AIR-BREATHER	1	
20	2.02.03.0694	CAPSCREW	4	
21	2.02.03.0340	LOCKWASHER-PUMP MOUNTING SCREW	18	
22	2.02.03.0675	PIPE PLUG	1	
23	2.02.03.0307	WASHER	1	
24	2.02.03.0693	CAPSCREW	4	
25	2.02.03.0692	CAPSCREW	10	
26	2.02.03.0299	GASKET-CONV. HSG TO TRANSM.CASE	2	

27	2.02.03.0376	DOWEL PIN	2	
28	2.02.03.0673	PIPE PLUG	1	
	2.02.03.2300	SPACER SLEEVE	1	NOT SHOWN IN THE DIAGRAM
	2.02.03.2314	O RING	2	NOT SHOWN IN THE DIAGRAM

GROUP-TRANSMISSION CASE (2.02.03.0919)



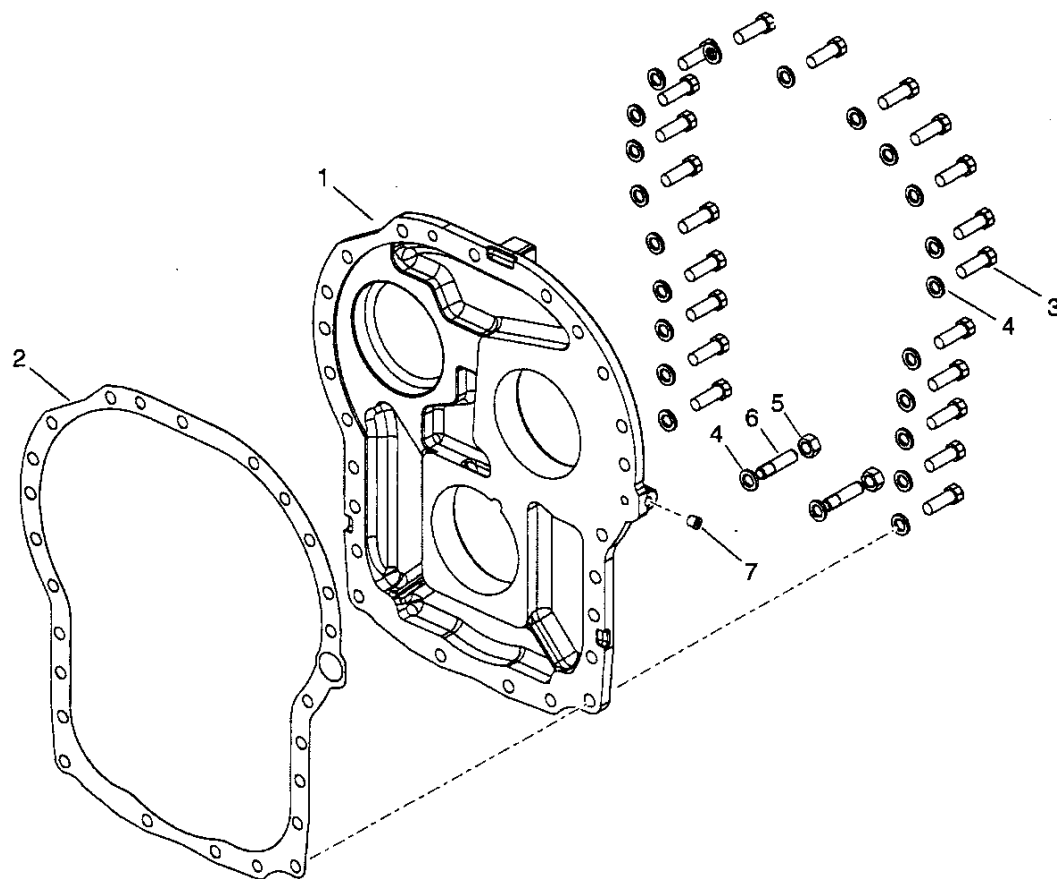
GROUP-TRANSMISSION CASE (2.02.03.0919)

NO.	CODE	NAME	Q' TY	REMARK
1	2.02.03.0922	ASSY-TRANSMISSION CASE	1	INCLUDING ITEM: 2~24
2	2.02.03.0914	ASSY-SUCTION TUBE	1	
3	2.02.03.0452	CLIP-CLOSED	1	
4				NOT USED ON THIS MODEL
5	2.02.03.1051	SLEEVE-PRESS&LUBR TUBE	1	
6	2.02.03.0285	TUBE-LOW CLUTCH PRESSURE	1	
7	2.02.03.1051	SLEEVE-PRESS&LUBR TUBE	1	
8	2.02.03.0454	RIVET	1	
9	2.02.03.0720	CAPSCREW	2	
10	2.02.03.0324	SUCTION LINE RET WASHER	1	
11	2.02.03.0056	O RING	1	
12	2.02.03.0454	RIVET	2	
13	2.02.03.0272	OIL BAFFLE	1	
14	2.02.03.0273	OIL BAFFLE	1	
15	2.02.03.0454	RIVET	2	
16	2.02.03.0050	O RING	1	
17	2.02.03.0008	4-STAGE PRESSURE TUBING	1	
18	2.02.03.1051	AXLE SLEEVE	1	
19	2.02.03.1051	AXLE SLEEVE	1	
20	2.02.03.0007	4 CLUTCH TUBING	1	
21	2.02.03.0548	SNAP RING	1	
22	2.02.03.0964	OIL DISTRIBUTION CYLINDER	1	
23	2.02.03.0431	STEEL BALL	1	
24	2.02.03.0548	SNAP RING	1	

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25	2.02.03.0374	DOWEL PIN	2	
26	2.02.03.0040	O RING	1	
27	2.02.03.0040	O RING	1	
28	2.02.03.0040	O RING	1	
29	2.02.03.0198	PLUG-MAGNETIC	1	
30	2.02.03.0851	PLUG-OIL LEVEL	1	
30A	2.02.03.0851	PLUG-OIL LEVEL	1	
31	2.02.03.0851	PLUG-OIL LEVEL	1	
32	2.02.03.0916	ASSY-SUCTION SCREEN	1	
33-34				NOT USED ON THIS MODEL
35	2.02.03.0271	OIL GUIDE SHEET	1	
36-55				NOT USED ON THIS MODEL
	2.02.03.0851	PLUG SCREW	1	NOT SHOWN IN THE DIAGRAM
	2.02.03.0849	PIPE CLOSE	3	NOT SHOWN IN THE DIAGRAM
	2.02.03.0196	SENSOR SLEEVE	1	NOT SHOWN IN THE DIAGRAM
	2.02.03.0315	PAD	1	NOT SHOWN IN THE DIAGRAM
	2.02.03.0674	PLUG SCREW	1	NOT SHOWN IN THE DIAGRAM
	2.02.03.0036	O RING	1	NOT SHOWN IN THE DIAGRAM
	2.02.03.0686	PLUG SCREW	1	NOT SHOWN IN THE DIAGRAM
	2.02.03.0457	PIPE CLOSE	1	NOT SHOWN IN THE DIAGRAM

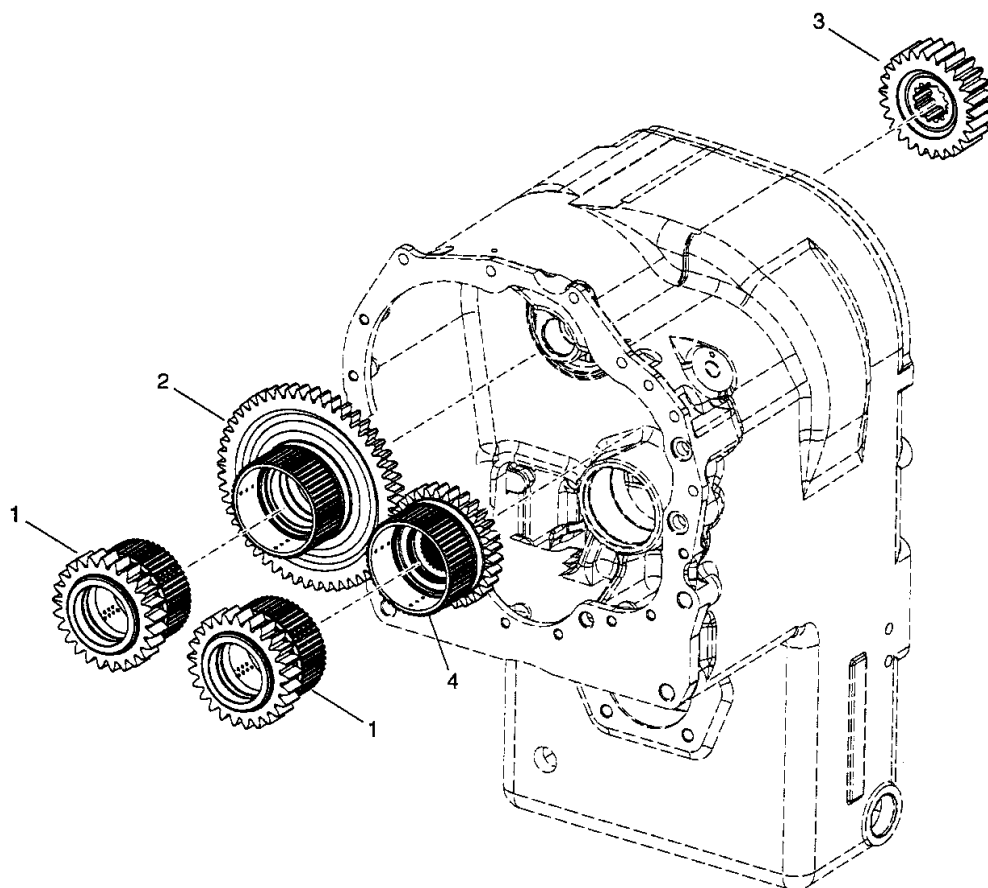
GROUP-REAR COVER (2.02.03.0476)



GROUP-REAR COVER (2.02.03.0476)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0473	COVER-REAR	1	
2	2.02.03.0300	GASKET-REAR COVER TO TRANSMISSION CASE	1	
3	2.02.03.0690	CAPSCREW	21	
4	2.02.03.0340	LOCKWASHER-PUMP MOUNTING SCREW	23	
5	2.02.03.0666	NUT	2	
6	2.02.03.0725	STUD	2	
7	2.02.03.0680	PLUG	1	

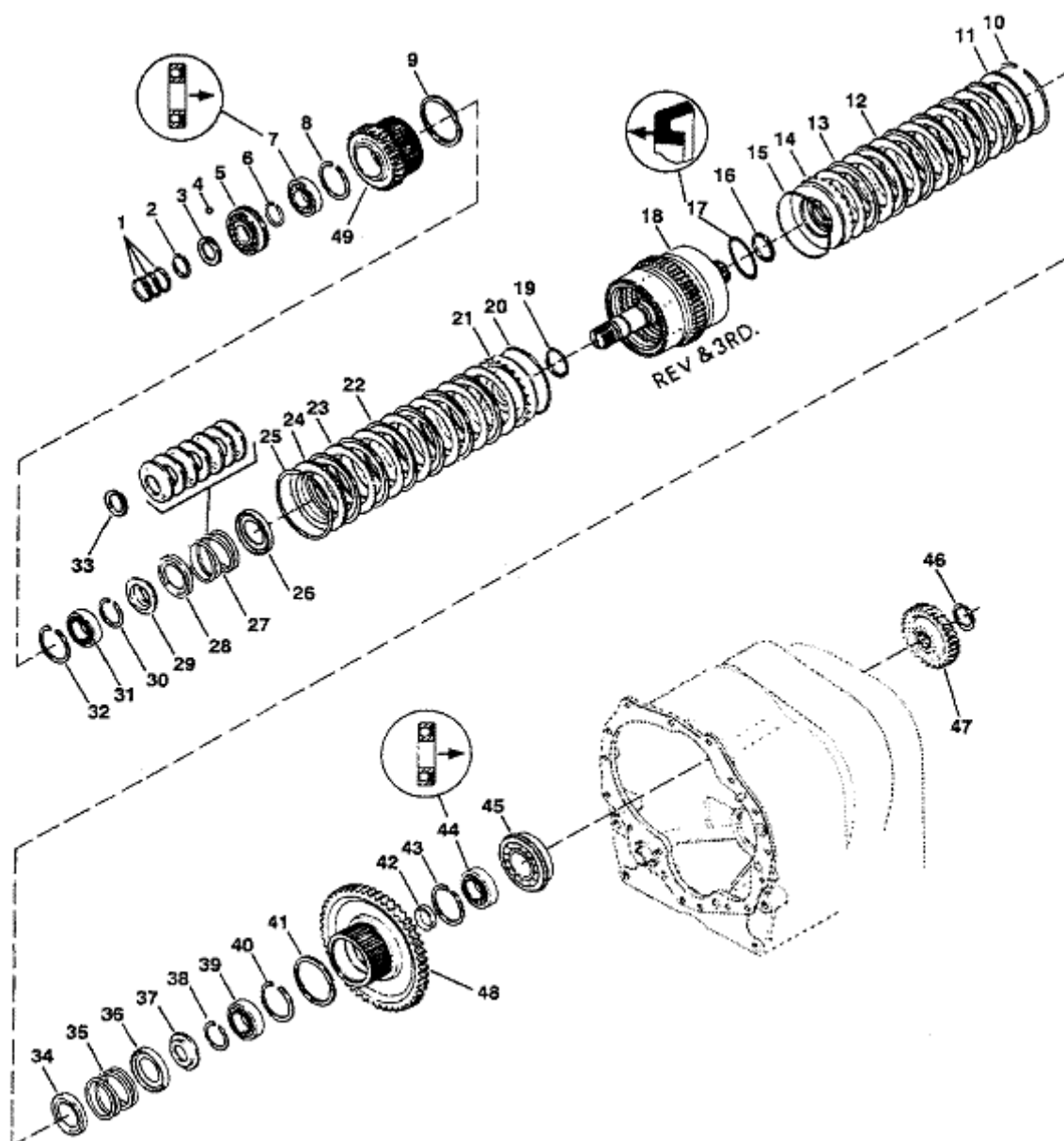
GROUP-FWD AND REV SHAFT (2.02.03.2306)



GROUP-FWD AND REV SHAFT (2.02.03.2306)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0613	CLUTCH PASSIVE GEAR	2	
2	2.02.03.0434	GEAR-HIGH RANGE	1	
3	2.02.03.0278	GEAR-DRIVEN LOW&4 TH	1	
4	2.02.03.0394	GEAR-CLUTCH HUB	1	

REVERSE AND 3 RD CLUTCH SHAFT GROUP (2.02.03.0484)



REVERSE AND 3RD CLUTCH SHAFT GROUP (2.02.03.0484)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0535	PISTON-RING	3	
2	2.02.03.0572	RING-FRONT BEARING RETAINING	1	
3	2.02.03.0241	PLATE-REV&HIGH SHAFT FRONT BRG RND	1	
4	2.02.03.0430	BALL-REV&HIGH SHAFT FRONT BRG AND PLATE RET	1	
5	2.02.03.0984	BEARING-REV&HIGH SHAFT FRONT	1	
6	2.02.03.0572	RING-FRONT BEARING RETAINING	1	
7	2.02.03.1001	BEARING-CLUTCH DRIVE GEAR	1	
8	2.02.03.2315	CLUTCH DRIVE GEAR BEARING SNAP RING	1	
9	2.02.03.0261	OIL RETAINER	1	
10	2.02.03.0367	SNAP RING-BACKING PLATE	1	
11	2.02.03.0305	PLATE-CLUTCH END	1	
12	2.02.03.0882	DISC-CLUTCH OUTER HIGH CLUTCH	7	
13	2.02.03.0753	DISC-CLUTCH INNER HIGH CLUTCH	7	
14	2.02.03.0517	ASSY-CLUTCH PISTON&SEALS	1	INCLUDING ITEM: 15、 16
14A		STEEL BALL		NOT SELL SEPERATELY
14B		VALVE SEAT		NOT SELL SEPERATELY
15	2.02.03.0521	PISTON RING	1	
16	2.02.03.0953	SEAL-CLUTCH PISTON-INNER	1	
17	2.02.03.0738	SEAL-CLUTCH PISTON METERING	1	
18	2.02.03.0003	3 GEAR HUB	1	
19	2.02.03.0953	SEAL-CLUTCH	1	

		PISTON-INNER		
20	2.02.03.0521	SEAL-CLUTCH PISTON METERING	1	
21	2.02.03.0514	PISTON-CLUTCH	1	
22	2.02.03.0753	DISC-CLUTCH INNER REV CLUTCH	12	
23	2.02.03.0882	DISC-CLUTCH OUTER REV CLUTCH	12	
24	2.02.03.0303	PLATE-CLUTCH END	1	

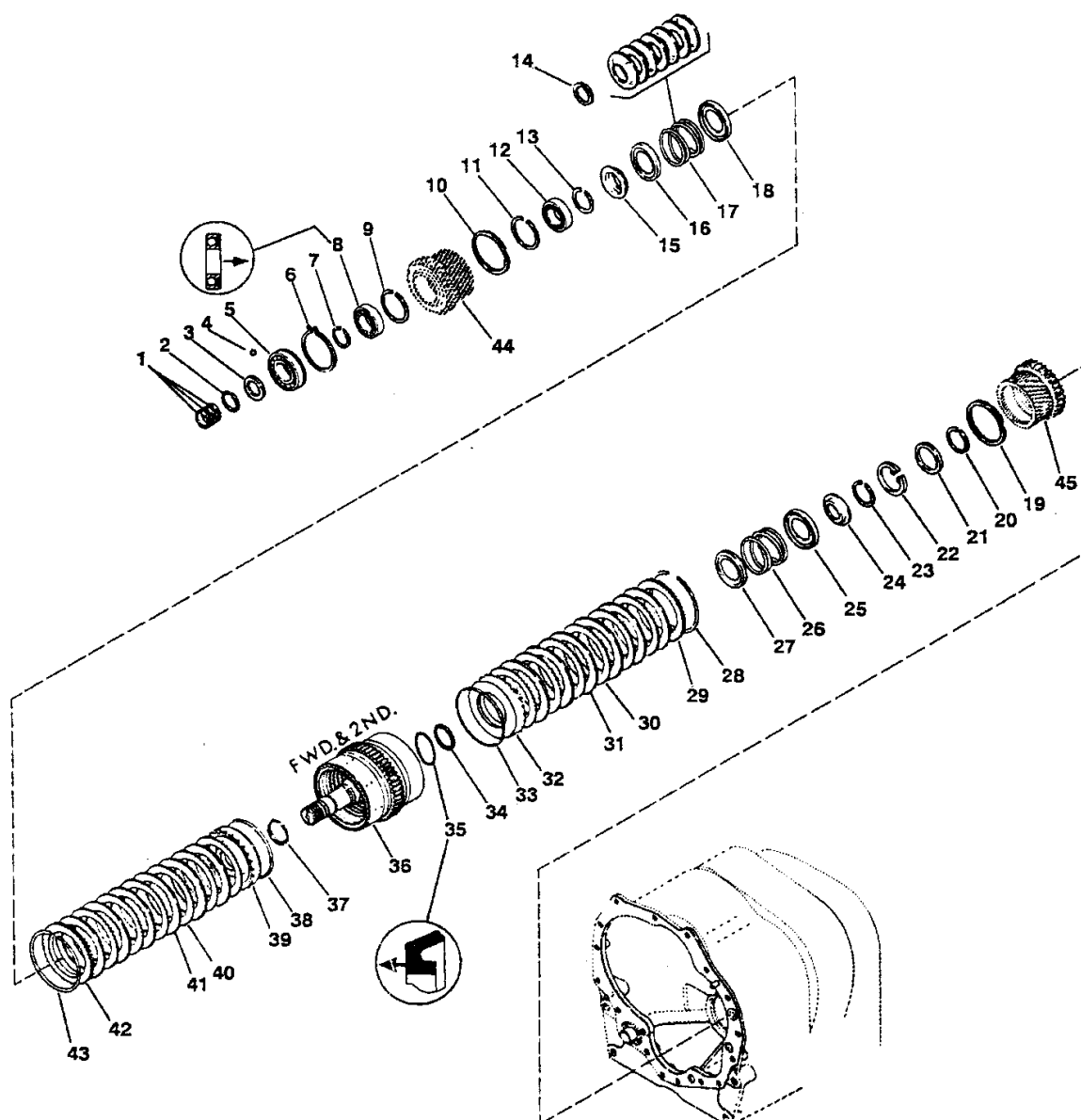
REVERSE AND HIGH SPEED SHAFT GROUP (2.02.03.0484)

NO.	CODE	NAME	Q'TY	REMARK
25	2.02.03.0367	LOCATING RING	1	
26	2.02.03.0233	SPRING RING		
27	2.02.03.0225	SPRING	1	
28				NOT USED ON THIS MODEL
29	2.02.03.0331	RETAINER	1	
30	2.02.03.0558	SNAP RING	1	
31	3.04.10.0003	BEARING	1	
32	2.02.03.2315	SNAP RING	1	
33	2.02.03.0558	SNAP RING	1	
34	2.02.03.0235	RETAINER	1	
35	2.02.03.0205	SPRING	1	
36	2.02.03.0236	RETAINER	1	
37	2.02.03.0331	SNAP RING RETAINER	1	
38	2.02.03.0558	SPRING RETAINER	1	
39	2.02.03.0995	BEARING	1	
40	2.02.03.0545	SNAP RING	1	
41				NOT USED ON THIS MODEL
42	2.02.03.1042	SPACER	1	

Parts manual WJ-3

43	2.02.03.0545	SNAP RING	1	
44	2.02.03.1000	BEARING	1	
45	2.02.03.1008	BEARING	1	
46	2.02.03.0450	RING-GEAR RETAINING	1	
47	2.02.03.0180	LOW CLUTCH DRIVE GEAR	1	
48	2.02.03.0181	3 RD GEAR	1	
49	2.02.03.0182	CLUTCH DRIVEN GEAR	1	

FORWARD & 2 ND CLUTCH SHAFT GROUP (2.02.03.0767)



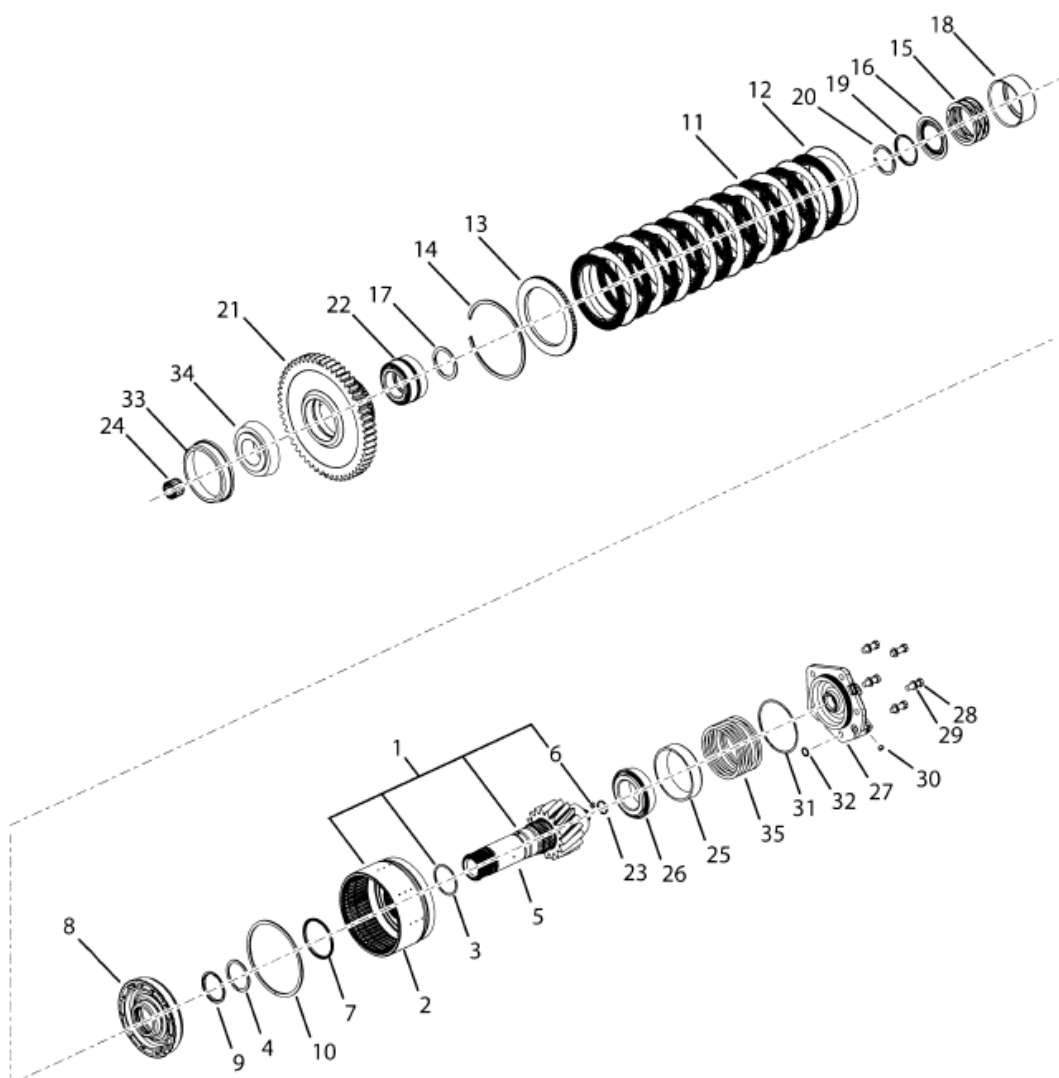
FORWARD & 2 ND CLUTCH SHAFT GROUP (2.02.03.0767)

NO.	CODE	NAME	Q'T Y	REMARK
1	2.02.03.0535	PISTON RING	3	
2	2.02.03.0572	SNAP RING	1	
3	2.02.03.0245	PLATE	1	
4	2.02.03.0430	BALL	1	
5	2.02.03.1007	BEARING	1	
6	2.02.03.0553	LOCATING RING	1	
7	2.02.03.0572	RETAINING RING	1	
8	2.02.03.1001	BEARING	1	
9	7JM80	SNAP RING	2	
9	7JM80	SNAP RING	1	
10	2.02.03.0261	OIL RETAINER	1	
11	7JM80	SNAP RING	1	
12	3.04.10.0003	BEARING	1	
13	2.02.03.0558	SNAP RING	1	
14	2.02.03.0558	SNAP RING	1	
15	2.02.03.0331	CLASP RING	1	
16				NOT USED ON THIS MODEL
17	2.02.03.0225	SPRING		
18				NOT USED ON THIS MODEL
19				NOT USED ON THIS MODEL
20	2.02.03.0558	SNAP RING	1	
21	2.02.03.0371	LOCATING RING	1	
22	2.02.03.0569	SNAP RING	1	
23	2.02.03.0558	SNAP RING	1	
24	2.02.03.0331	CLASP RING	1	
25	2.02.03.0236	SPRING-LEAF RETAINER	1	

Parts manual WJ-3

26	2.02.03.0205	SPRING-PISTON RETURN	1	
27	2.02.03.0235	SPRING RETAINER	1	
28	2.02.03.0367	SNAP RING	1	
29	2.02.03.0305	PLATE	1	
30	2.02.03.0882	DISC-CLUTCH OUTER	7	
31	2.02.03.0753	DISC-CLUTCH INNER	7	
32	2.02.03.0517	ASSY-CLUTCH PISTON & SEALS	1	INCLUDING ITEM: 33、34
32A		VALVE SEAT		NOT SELL SEPARATELY 32
32B		BALL		NOT SELL SEPARATELY 32
33	2.02.03.0521	SEAL-CLUTCH PISTON-OUTER	1	
34	2.02.03.0953	SEAL-CLUTCH PISTON-INNER	1	
35	2.02.03.0738	SEAL	1	
36	2.02.03.0765	FORWARD 2 GEAR DRUM	1	
37	2.02.03.0953	SEAL-CLUTCH PISTON-INNER	1	
38	2.02.03.0521	SEAL-CLUTCH PISTON-OUTER	1	
39	2.02.03.0514	PISTON CLUTCH	1	
40	2.02.03.0882	DISC-CLUTCH OUTER	12	
41	2.02.03.0753	DISC-CLUTCH INNER	12	
42	2.02.03.0303	PLATE	1	
43	2.02.03.0367	SNAP RING	1	
44	2.02.03.0766	FORWARD CLUTCH DRIVEN GEAR	1	
45	2.02.03.0395	2 ND GEAR	1	

GROUP-LOW SHAFT (2.02.03.0289)



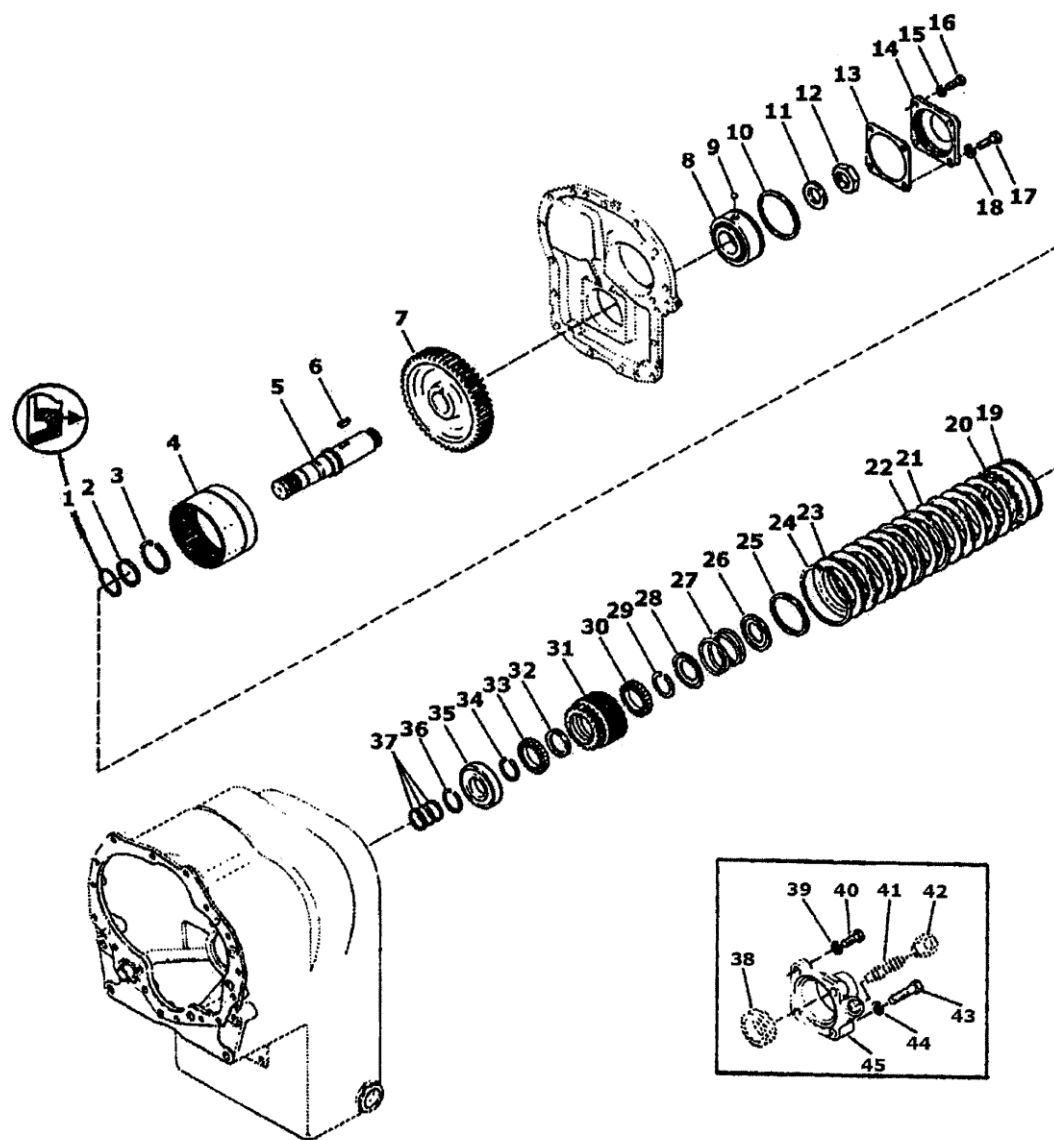
GROUP-LOW SHAFT (2.02.03.0289)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0287	ASSY-LOW SHAFT, HUB, DRUM&PLUG	1	INCLUDED ITEM 2-6
2	2.02.03.0288	ASSY-LOW HUB&DRUM	1	PART OF ITEM 1
3	2.02.03.0059	O RING	1	
4	2.02.03.0552	SNAP RING	1	
5	2.02.03.0920	SHAFT-LOW 17T	1	
6	2.02.03.0682	PLUG-LOW SHAFT LUBE	1	
7	2.02.03.0738	SEAL	1	
8	2.02.03.0518	ASSY-CLUTCH PISTON & SEALS	1	INCLUDING ITEM 9-10
9	2.02.03.0953	SEAL	1	
10	2.02.03.0536	SEAL	1	
11	2.02.03.0751	INNER CLUTCH DISC	9	
12	2.02.03.0882	OUTER CLUTCH DISC	9	
13	2.02.03.0969	PLATE	1	
14	2.02.03.0367	SNAP RING	1	
15	2.02.03.0227	SPRING	1	
16	2.02.03.0234	SPRING RETAINER	1	
17	2.02.03.1030	WASHER	1	
18	2.02.03.0967	SPRING RETAINER	1	
19	2.02.03.0550	SNAP	1	
20	2.02.03.0578	SNAP RING RETAINER	1	
21	2.02.03.0159	GEAR	1	
22	2.02.03.1016	ROLLER BEARING	1	
23	2.02.03.0526	PISTON RING	1	
24	2.02.03.0996	BEARING	1	
25	2.02.03.1011	TAPER ROLLER BEARING CUP	1	

GROUP-LOW SHAFT (2.02.03.0289)

NO.	CODE	NAME	Q'TY	REMARK
26	2.02.03.1010	TAPER ROLLER BEARING CONE	1	
27	2.02.03.1037	LOW SHAFT CAP	1	
28	2.02.03.0646	CAPSCREW	5	
29	2.02.03.0858	LOCKWASHER	5	
30	2.02.03.0680	PLUG	1	
31	2.02.03.0060	O RING	1	
32	2.02.03.0049	O RING	1	
33	2.02.03.1036	BEARING CUP	1	
34	2.02.03.1015	BEARING CONE	1	
35	2.02.03.0363	SHIM	AR	0.004 INCH
35A	2.02.03.0316	SHIM	AR	0.007 INCH
35B	2.02.03.0317	SHIM	AR	0.010 INCH
35C	2.02.03.0318	SHIM	AR	0.020 INCH

IDLER WHEEL SHAFT AND 4-GEAR CLUTCH ASSEMBLY (2.02.03.0389)



IDLER WHEEL SHAFT AND 4-GEAR CLUTCH ASSEMBLY (2.02.03.0389)

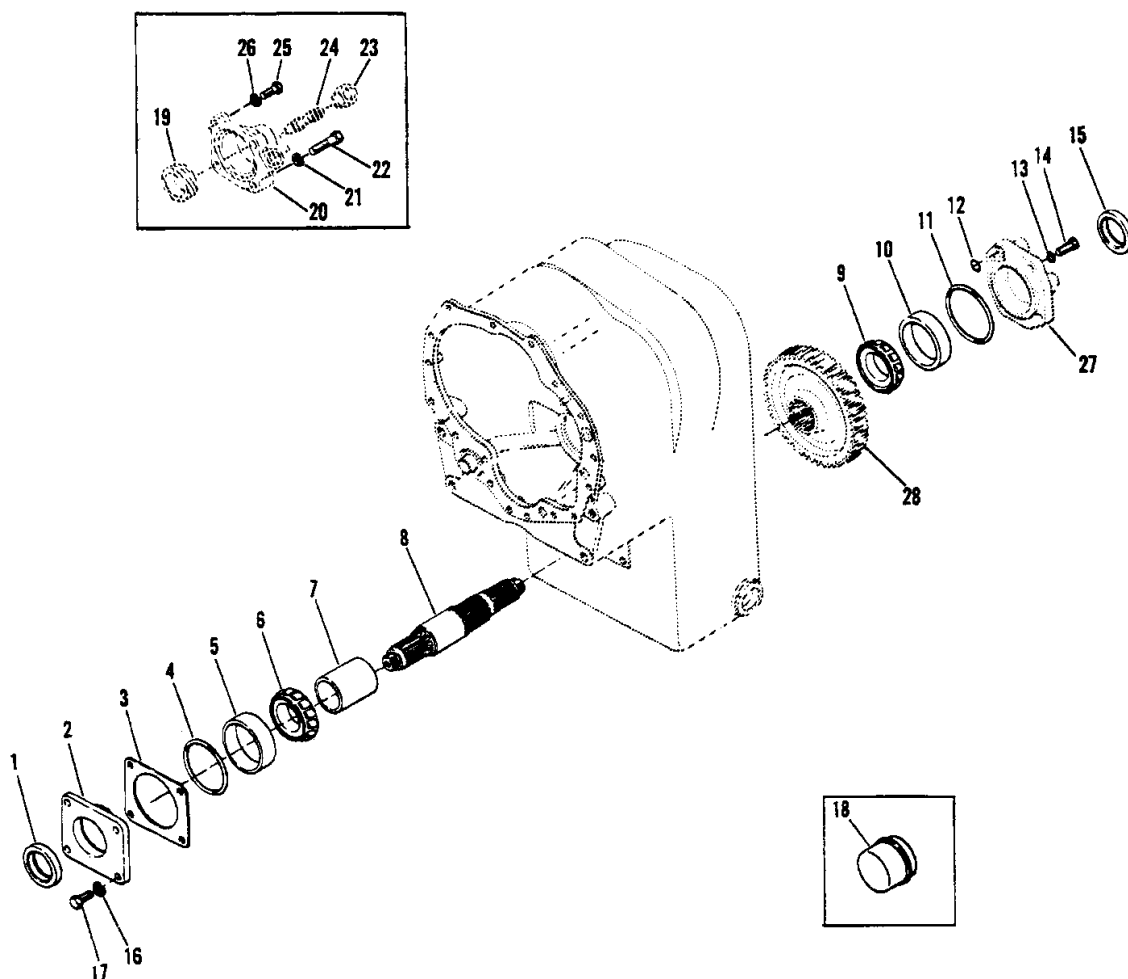
NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0738	SEAL	1	
2	2.02.03.0953	OIL SEAL	1	
3	2.02.03.0563	SNAP RING	1	
4	2.02.03.0006	4-GEAR CLUTCH HUB ASSEMBLY	1	
5	2.02.03.0387	IDLER WHEEL SHAFT	1	INCLUDE ITEM7
6				NOT USED IN THIS MODEL
7		GEAR	1	NOT SELL SEPERATELY
8	2.02.03.1006	BEARING	1	
9	2.02.03.0428	STEEL BALL	1	
10	2.02.03.0370	LOCATING RING	1	
11	2.02.03.0436	LANTERN RING	1	
12	2.02.03.0660	NUT	1	
13	2.02.03.1040	BEARING COVER GASKET	1	
14	2.02.03.1033	BEARING CAP	1	
15	2.02.03.0341	PAD	4	
16	2.02.03.0709	BOLT	4	
17				NOT USED IN THIS MODEL
18				NOT USED IN THIS MODEL
19	2.02.03.0536	PISTON RING	1	
20	2.02.03.0518	PISTON	1	INCLUDE ITEM 2-19
21	2.02.03.0882	EXTERNAL FRICTION SHEET	6	
22	2.02.03.0753	INTERNAL FRICTION SHEET	6	
23	2.02.03.0969	SUPPORT DISK	1	
24	2.02.03.0367	LOCATING RING	1	

25				NOT USED IN THIS MODEL
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IDLER WHEEL SHAFT AND 4-GEAR CLUTCH ASSEMBLY (2.02.03.0389)

NO.	CODE	NAME	Q'TY	REMARK
26	2.02.03.0235	SPRING-LEAF RETAINER	1	
27	2.02.03.0205	SPRING	1	
28	2.02.03.0236	SPRING-LEAF RETAINER	1	
29	2.02.03.0580	JUMP RING	1	
30	2.02.03.0997	BEARING	1	
31	2.02.03.0160	GEAR	1	
32	2.02.03.0435	RETAINER	1	
33	2.02.03.0997	BEARING	1	
34	2.02.03.0580	JUMP RING	1	
35	2.02.03.0988	BEARING	1	
36	2.02.03.0580	JUMP RING	1	
37	2.02.03.0527	PISTON RING	3	
38-45				NOT USED IN THIS MODEL

OUTPUT SHAFT ASSEMBLY (2.02.03.0832)



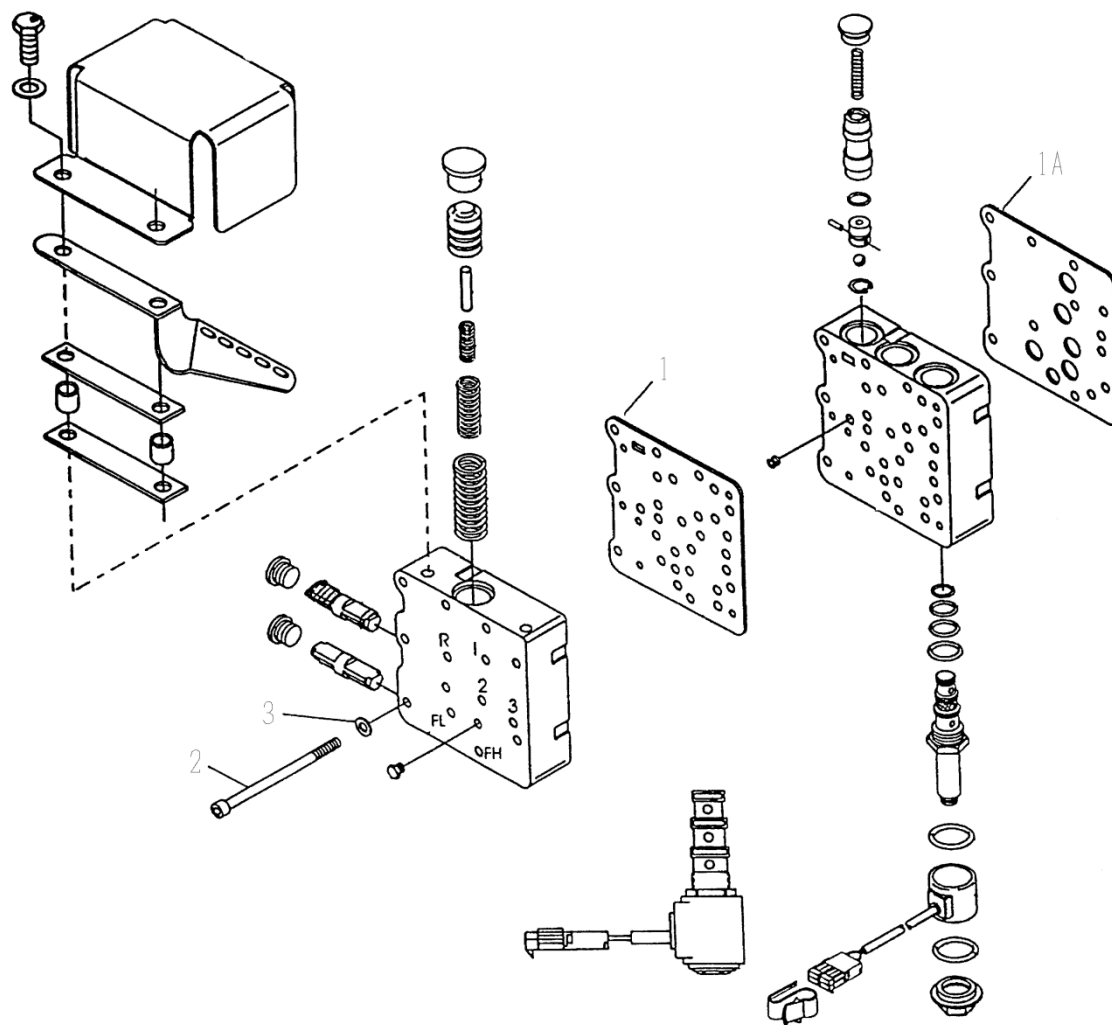
OUTPUT SHAFT ASSEMBLY (2.02.03.0832)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0125	OIL SEAL	1	
2	2.02.03.0779	FRONT CONE BEARING COVER	1	
3	2.02.03.0309	PAD	AR	0.004INCH
3A	2.02.03.0310	PAD	AR	0.007 INCH
3B	2.02.03.0311	PAD	AR	0.010 INCH
3C	2.02.03.0312	PAD	AR	0.020 INCH
4	2.02.03.0023	O RING	1	
5	2.02.03.1045	BEARING OUTER RING	1	
6	2.02.03.1010	FRONT CONE BEARING	1	
7	2.02.03.0445	SPACER SLEEVE	1	
8	2.02.03.0823	OUTPUT SHAFT	1	
9	2.02.03.1010	REAR CONE BEARING	1	
10	2.02.03.1011	BEARING OUTER RING	1	
11	2.02.03.0012	O RING	1	
12	2.02.03.0011	O RING	1	
13	2.02.03.0341	LOCK WASHER	4	
14	2.02.03.0711	BOLT	4	
15	2.02.03.0125	OIL SEAL	2	
16	2.02.03.0341	LOCK WASHER	4	
17	2.02.03.0708	BOLT	4	
18				NOT USED IN THIS MODEL
19				NOT USED IN THIS MODEL
20				NOT USED IN THIS MODEL
21				NOT USED IN THIS MODEL
22				NOT USED IN THIS MODEL

OUTPUT SHAFT ASSEMBLY (2.02.03.0832)

NO.	CODE	NAME	Q'TY	REMARK
23				NOT USED IN THIS MODEL
24				NOT USED IN THIS MODEL
25				NOT USED IN THIS MODEL
26				NOT USED IN THIS MODEL
27		REAR BEARING COVER	1	SEE PREVIOUS PAGE
28		OUTPUT SHAFT GEAR	1	SEE PREVIOUS PAGE

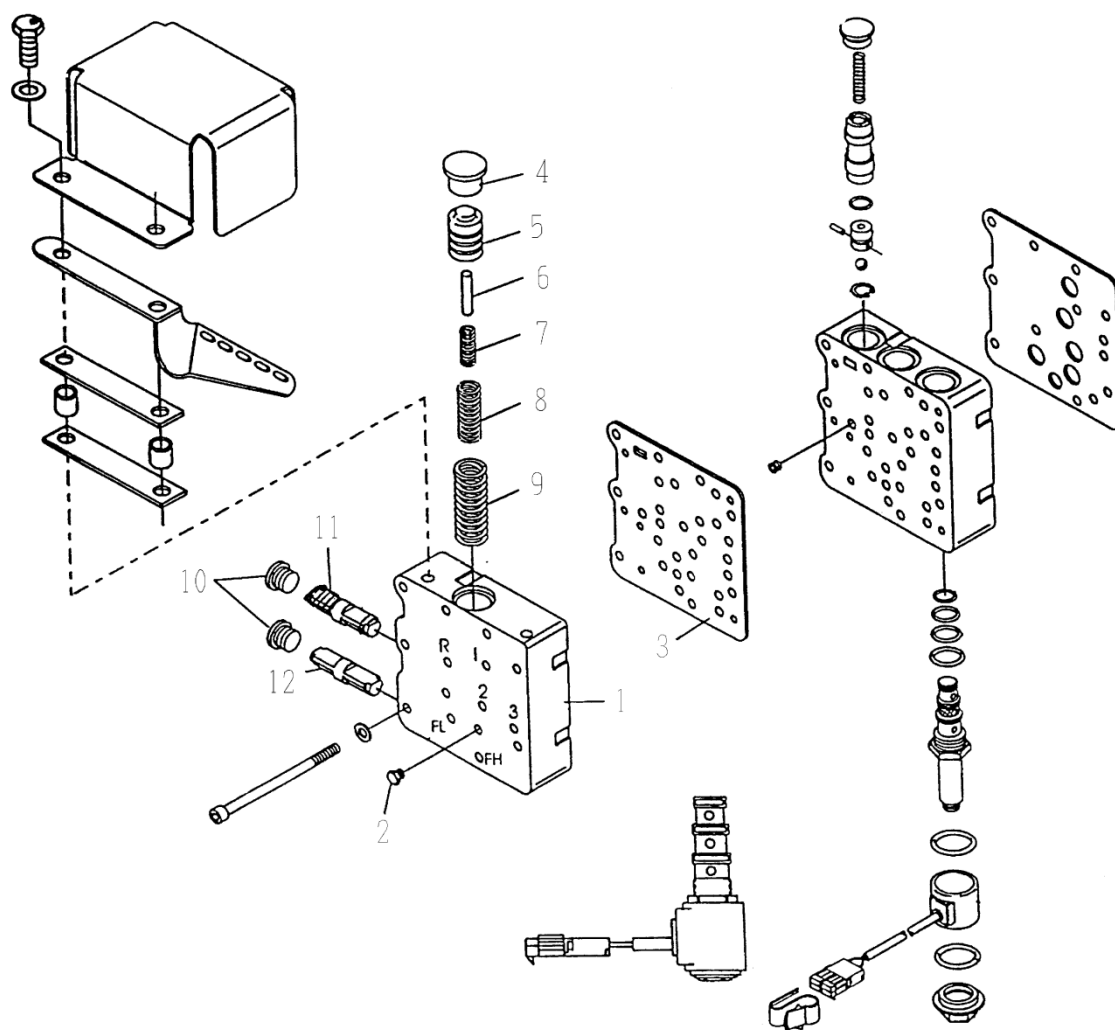
GROUP-CONTROL VALVE (2.02.03.2304)



GROUP-CONTROL VALVE (2.02.03.2304)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0302	GASKET	1	
2	2.02.03.0649	CAPSCREW	2	
3	2.02.03.0858	LOCKWASHER	2	

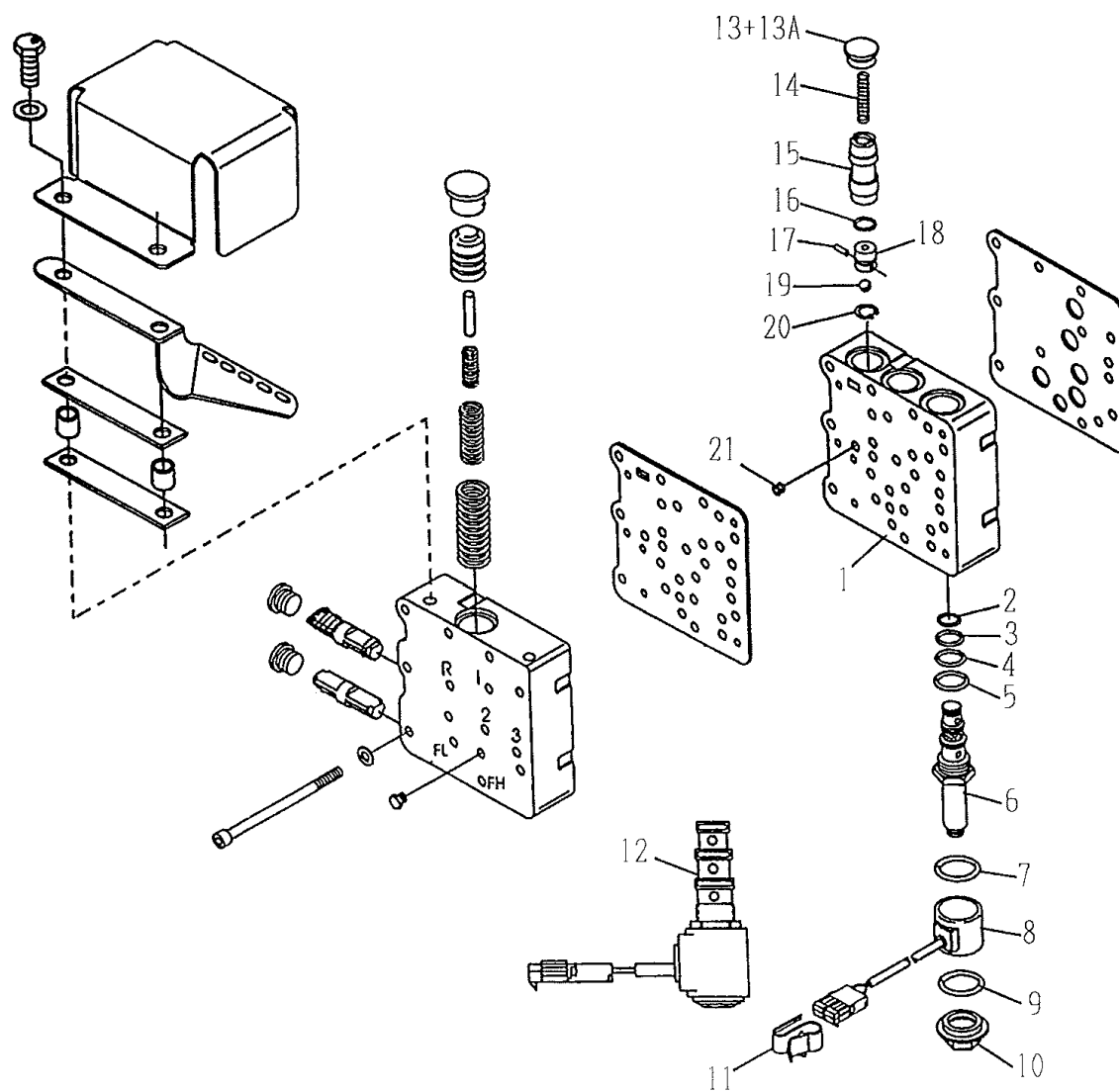
ELECTRONIC CONTROL VALVE ASSEMBLY (2.02.03.2303)



ELECTRONIC CONTROL VALVE ASSEMBLY (2.02.03.2303)

NO.	CODE	NAME	Q'TY	REMARK
1		CONTROL VALVE CAP	1	NOT SELL SEPERATELY
2	2.02.03.0683	PLUG SCREW	7	
3	2.02.03.0302	BACKING PLATE	1	
4	2.03.04.0340	MAIN SHELL REDUCING SCREW PLUG	1	
5	2.02.03.0931	ACCUMULATOR COIL	1	
6	2.02.03.0928	PIN	1	
7	2.02.03.0217	SPRING	1	
8	2.02.03.0214	SPRING	1	
9	2.02.03.1447	OUTER SPRING	1	
10	2.02.03.0804	PLUG	2	
11	2.02.03.0421	RESET PLUNGER	1	
11A	2.02.03.0228	SPRING	1	
11B	2.02.03.0929	PIN	1	
12	2.02.03.0408	SPOOL	1	

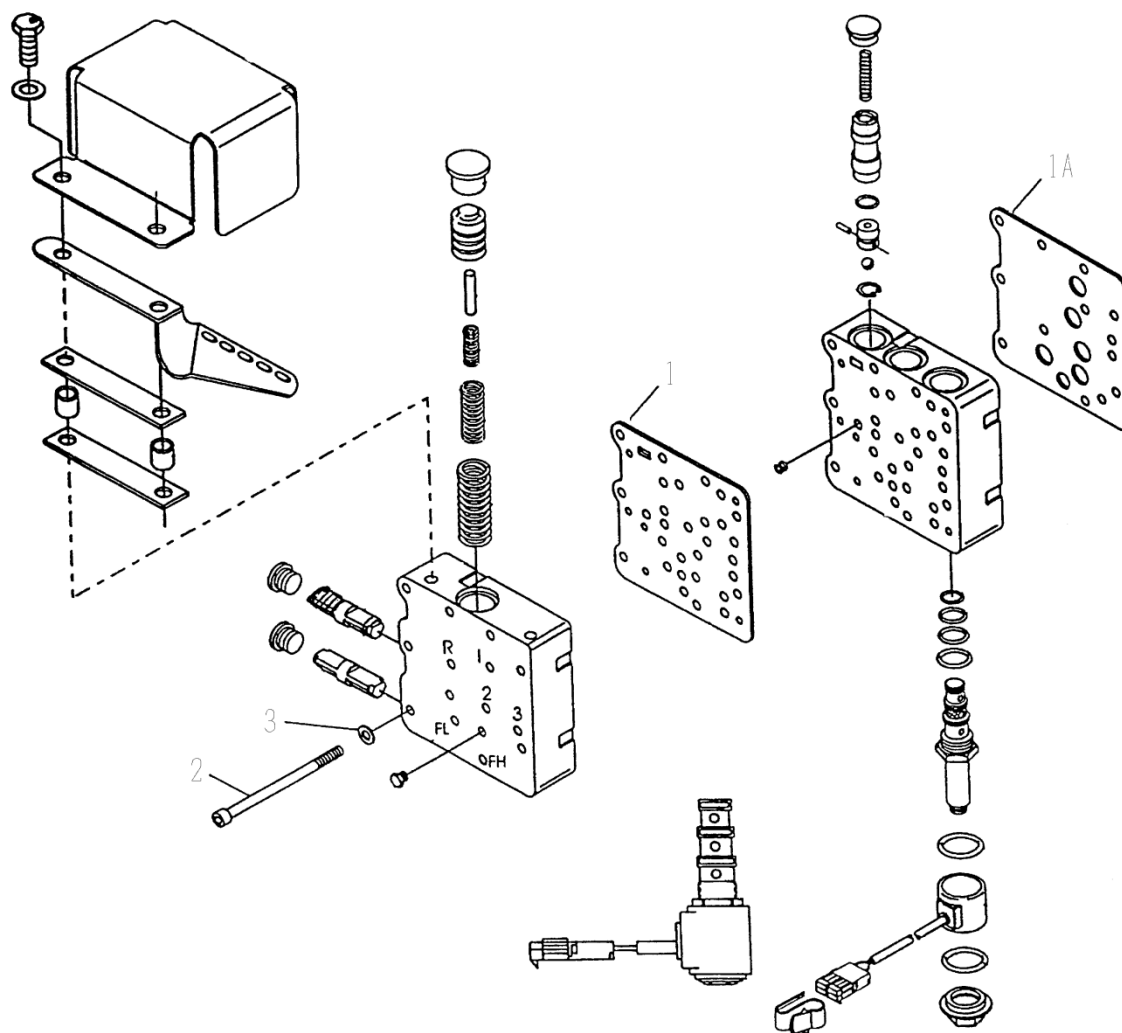
ASSY-ELECTRIC CONTROL VALVE (2.02.03.2302)



 ASSY-ELECTRIC CONTROL VALVE (2.02.03.2302)

NO.	CODE	NAME	Q'TY	REMARK
1		CONTROL VALVE HOUSING	1	NOT SOLD SEPARATELY
2	2.02.03.0053	O RING	5	
3	2.02.03.2312	O RING	5	
4	2.02.03.2313	O RING	5	
5	2.02.03.0063	O RING	5	
6		CARTRIDGE	5	NOT SOLD SEPARATELY
7	2.02.03.0052	O RING	5	
8		SOLENOID COIL	5	NOT SOLD SEPARATELY
9	2.02.03.0052	O RING	5	
10		SOLENOID NUT	5	NOT SOLD SEPARATELY
11				NOT USED ON THIS MODEL
12	2.02.03.0506	ASSY-SPOOL TYPE SOLENOID CARTRIDGE	4	INCLUDING ITEM2-11
13	2.03.04.0340	PLUG	1	INCLUDING ITEM13A
13A	2.03.04.0360	O RING	1	
14	2.02.03.0223	SPRING	1	
15	2.02.03.0350	REGULATOR VALVE	1	
16				NOT USED ON THIS MODEL
17				NOT USED ON THIS MODEL
18				NOT USED ON THIS MODEL
19				NOT USED ON THIS MODEL
20				NOT USED ON THIS MODEL
21	2.02.03.0682	PLUG	1	
	2.02.03.0680	PLUG	1	NO SHOWN

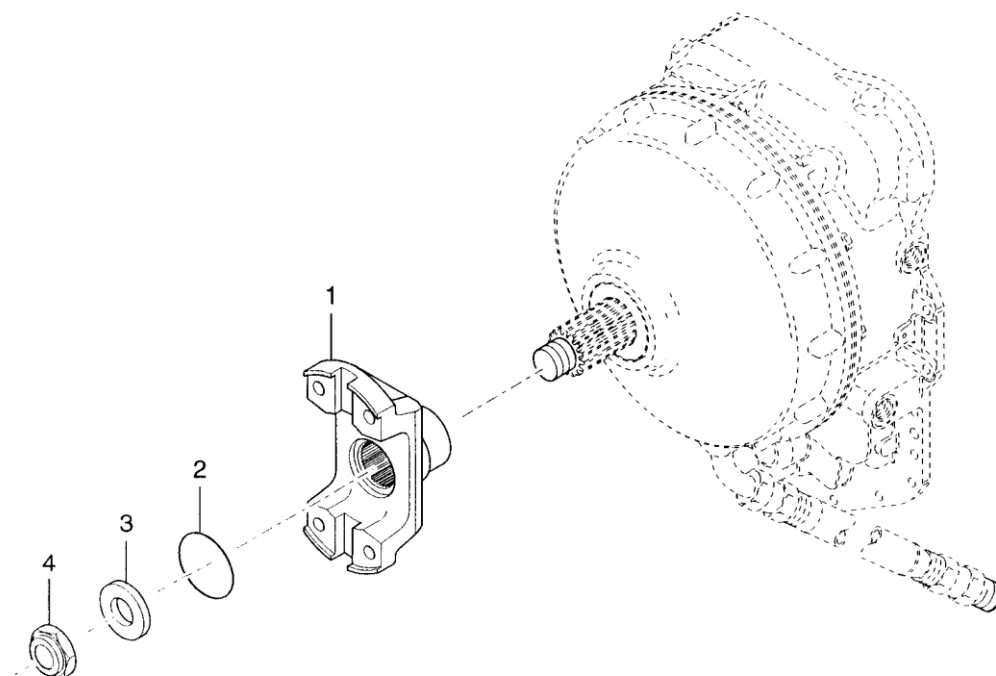
CONTROL VALVE ACCESSORY PART (2.02.03.0594)



CONTROL VALVE ACCESSORY PART (2.02.03.0594)

NO.	CODE	NAME	Q'TY	REMARK
1				NOT USED ON THIS MODE
1A	2.02.03.0301	BACKING PLATE	1	
2	2.02.03.0649	NUT BOLT	7	
3	2.02.03.0858	LOCK WASHER	7	

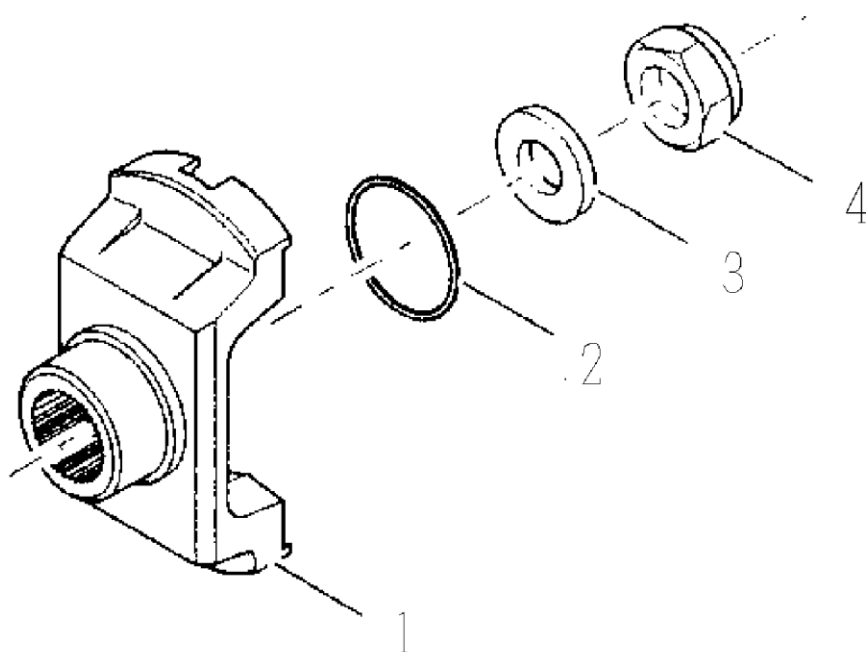
INPUT FLANGE GROUP (2.02.03.0838)



INPUT FLANGE GROUP (2.02.03.0838)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.0415	FLANGE	1	
2	2.02.03.0057	O RING	1	
3	2.02.03.0416	WASHER	1	
4	2.02.03.0659	LOCKING NUT	1	

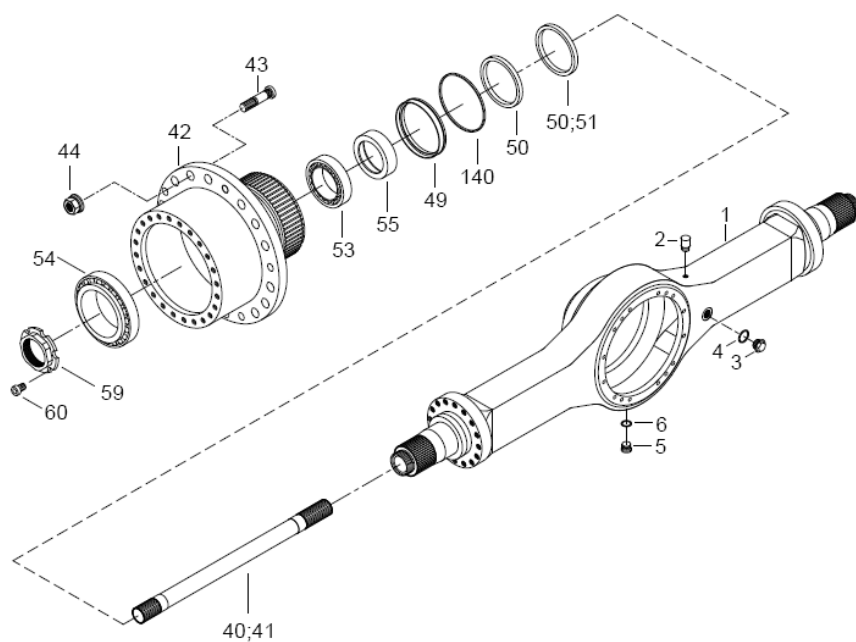
OUTPUT FLANGE (2.02.03.0820)



OUTPUT FLANGE (2.02.03.0820)

NO.	CODE	NAME	Q'TY	REMARK
1	2.02.03.2309	FLANGE	1	
2	2.02.03.0062	O RING	1	
3	2.02.03.0326	WASHER	1	
4	2.02.03.0658	NUT	1	

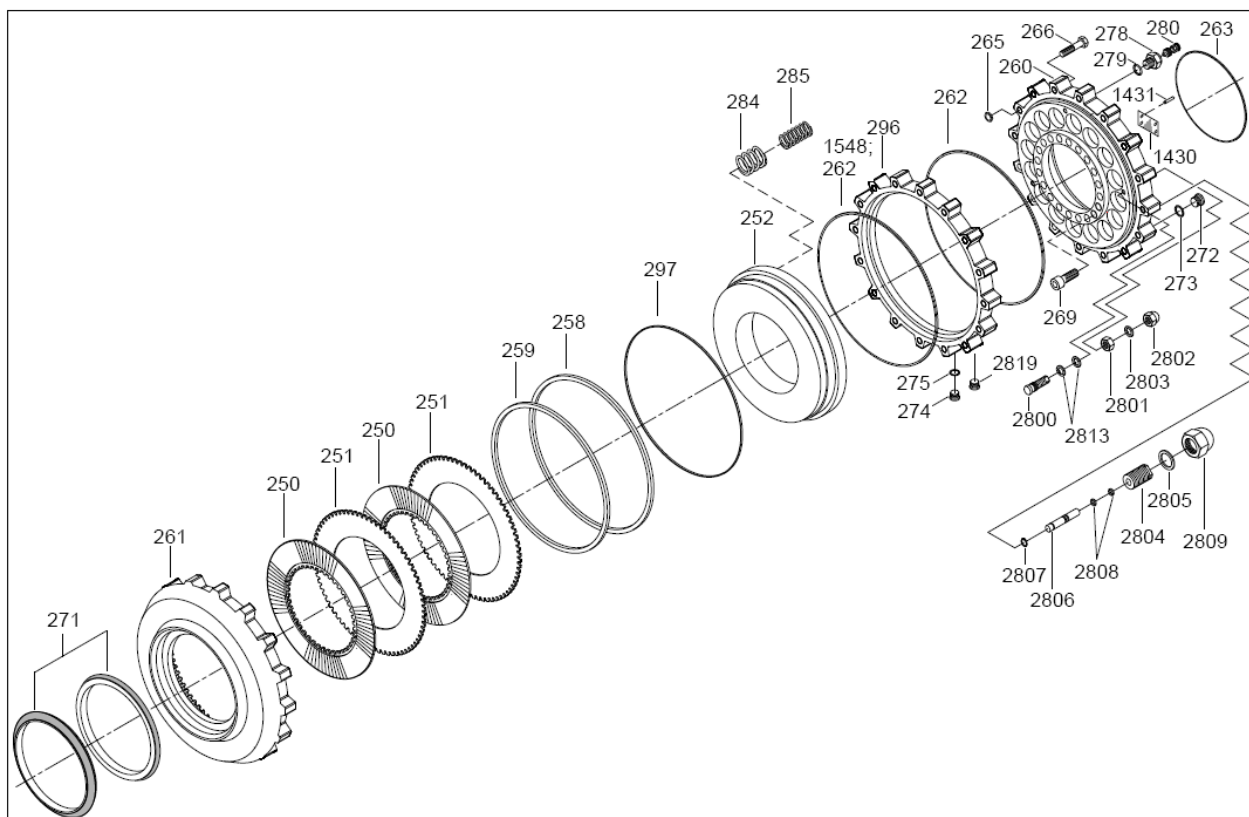
FRONT AXLE ASSEMBLY (2.03.00.0020)



FRONT AXLE ASSEMBLY (2.03.00.0020)

NO.	CODE	NAME	Q'TY	REMARK
1	2.03.06.0001	AXLE HOUSING	1	
2	2.03.06.0002	BREATHER	1	
3	2.03.06.0003	SCREW PLUG	1	
4	2.03.06.0004	SEALING RING	1	
5	2.03.06.0005	SCREW PLUG	1	
6	2.03.06.0006	SEALING RING	1	
40	2.03.06.0007	AXLE SHAFT	2	
42	2.03.06.0008	WHEEL HUB	2	
43	2.03.06.0009	WHEEL STUD	48	
44	2.03.06.0010	WHEEL NUT WITH FLAT WASHER	48	
49	2.03.06.0011	RING	2	
50	2.03.06.0012	RADIAL SEAL RING	2	
51	2.03.06.0013	RADIAL SEAL RING	2	
53	3.04.05.0029	TAPERED ROLLER BEARING	2	
54	2.03.06.0014	TAPERED ROLLER BEARING	2	
55	2.03.06.0015	RING	2	
59	2.03.06.0016	NUT	2	
60	2.03.06.0017	NUT	2	
140	2.03.06.0018	O-RING	2	

FRONT AXLE ASSEMBLY (2.03.00.0020)



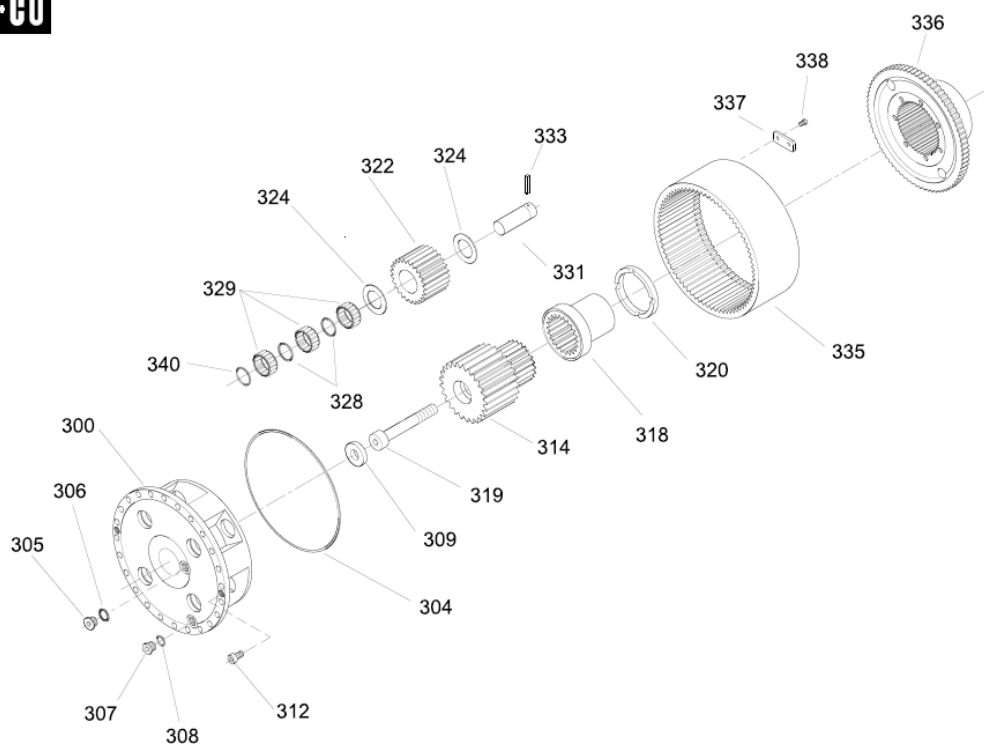
FRONT AXLE ASSEMBLY (2.03.00.0020)

NO.	CODE	NAME	Q'TY	REMARK
250	2.03.06.0019	INNER DISK	6	
251	2.03.06.0020	OUTER DISK	6	
252	2.03.06.0021	PISTON	2	
258	2.03.06.0022	GASKET	2	
259	2.03.06.0023	GASKET	2	
260	2.03.06.0024	BRAKE CARRIER	2	
261	2.03.06.0025	BRAKER HOUSING	2	
262	2.03.06.0026	O-RING	2	
263	2.03.06.0027	O-RING	2	
265	2.03.06.0028	O-RING	18	
266	2.03.06.0029	HEXAGON SOCKET SCREW	60	
269	2.03.06.0030	HEXAGON SOCKET SCREW	48	
271	2.03.06.0031	FACE SEAL	2	
274	2.03.06.0032	SCREW PLUG	2	
275	2.03.06.0033	SEALING RING	2	
278	2.03.06.0034	BLEEDING SOCKET	2	
279	2.03.06.0035	SEALING RING	2	
280	2.03.06.0036	BLEEDER VALVE	2	
284	2.03.06.0037	COMPRESSION SPRING	48	
285	2.03.06.0038	COMPRESSION SPRING	28	
296	2.03.06.0039	INTERMEDIATE PIECE	2	
297	2.03.06.0040	PISTON GUIDE RING	2	
1430	2.03.06.0101	WARNING LABEL	2	
1548	2.03.06.0102	O-RING	2	
2804	2.03.06.0104	THREAD BUSHING	2	

FRONT AXLE ASSEMBLY (2.03.00.0020)

NO.	CODE	NAME	Q'TY	REMARK
2805	2.03.06.0028	O-RING	2	
2806	2.03.06.0105	PIN	2	
2807	2.03.06.0106	CIRCLIP	2	
2808	2.03.06.0107	O-RING	4	
2809	2.03.06.0108	CAP NUT	2	

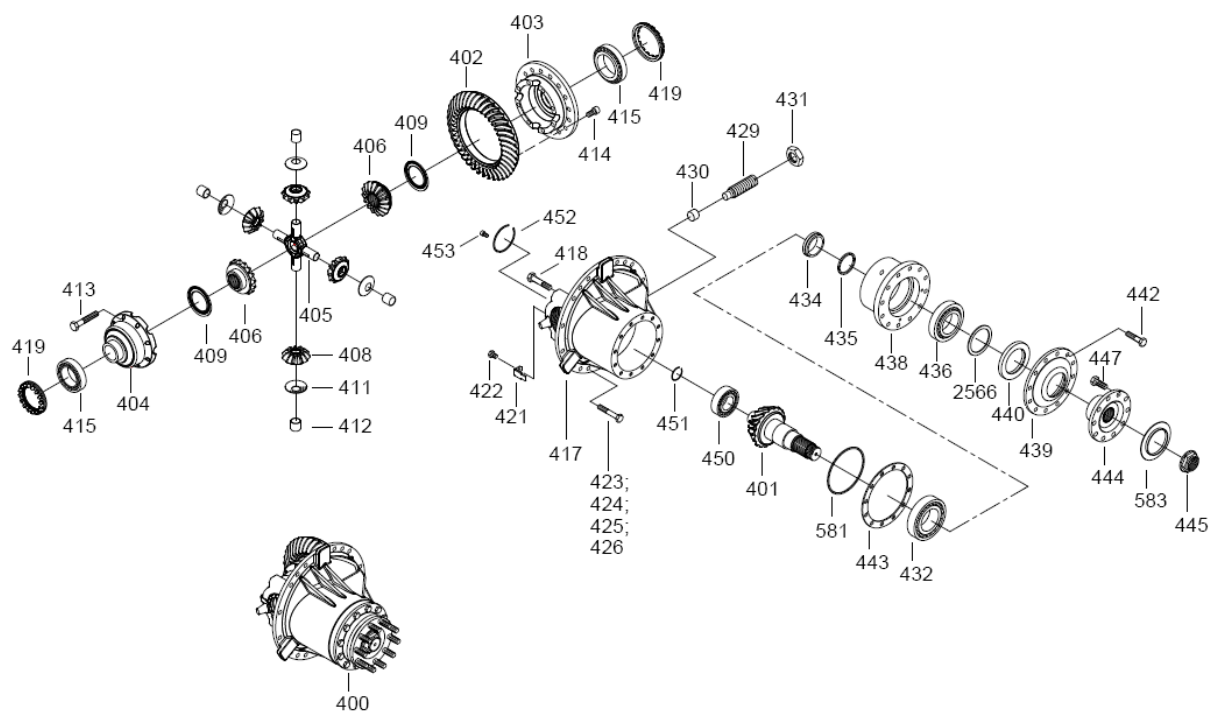
FFRONT AXLE ASSEMBLY (2.03.00.0020)



FRONT AXLE ASSEMBLY (2.03.00.0020)

NO.	CODE	NAME	Q'TY	REMARK
300	2.03.06.0041	PLANETARY HOUSING	2	
304	2.03.06.0042	O-RING	2	
305	2.03.06.0043	SCREW PLUG	2	
306	2.03.06.0006	SEALING RING	2	
307	2.03.06.0043	SCREW PLUG	2	
308	2.03.06.0006	SEALING RING	2	
309	2.03.06.0045	THRUST WASHER	2	
312	2.03.06.0046	HEXAGON SOCKET SCREW	60	
314	2.03.06.0047	SUN GEAR	2	
318	2.03.06.0048	BUSHING	2	
319	2.03.06.0049	HEXAGON SOCKET SCREW	2	
320	2.03.06.0050	THRUST RING	2	
322	2.03.06.0051	PLANETARY GEAR	8	
324	2.03.06.0052	THRUST WASHER	16	
328	2.03.06.0053	RING	16	
329	2.03.06.0054	NEEDLE BEARING	24	
331	2.03.06.0055	PLANETRY PIN	8	
333	2.03.06.0056	LOCKING PIN	8	
335	2.03.06.0057	RING GEAR	2	
336	2.03.06.0058	RING GEAR CARRIER	2	
337	2.03.06.0059	RETAINER	6	
338	2.03.06.0060	HEXAGON SCREW	12	
340	2.03.06.0061	O-RING	8	

FRONT AXLE ASSEMBLY (2.03.00.0020)



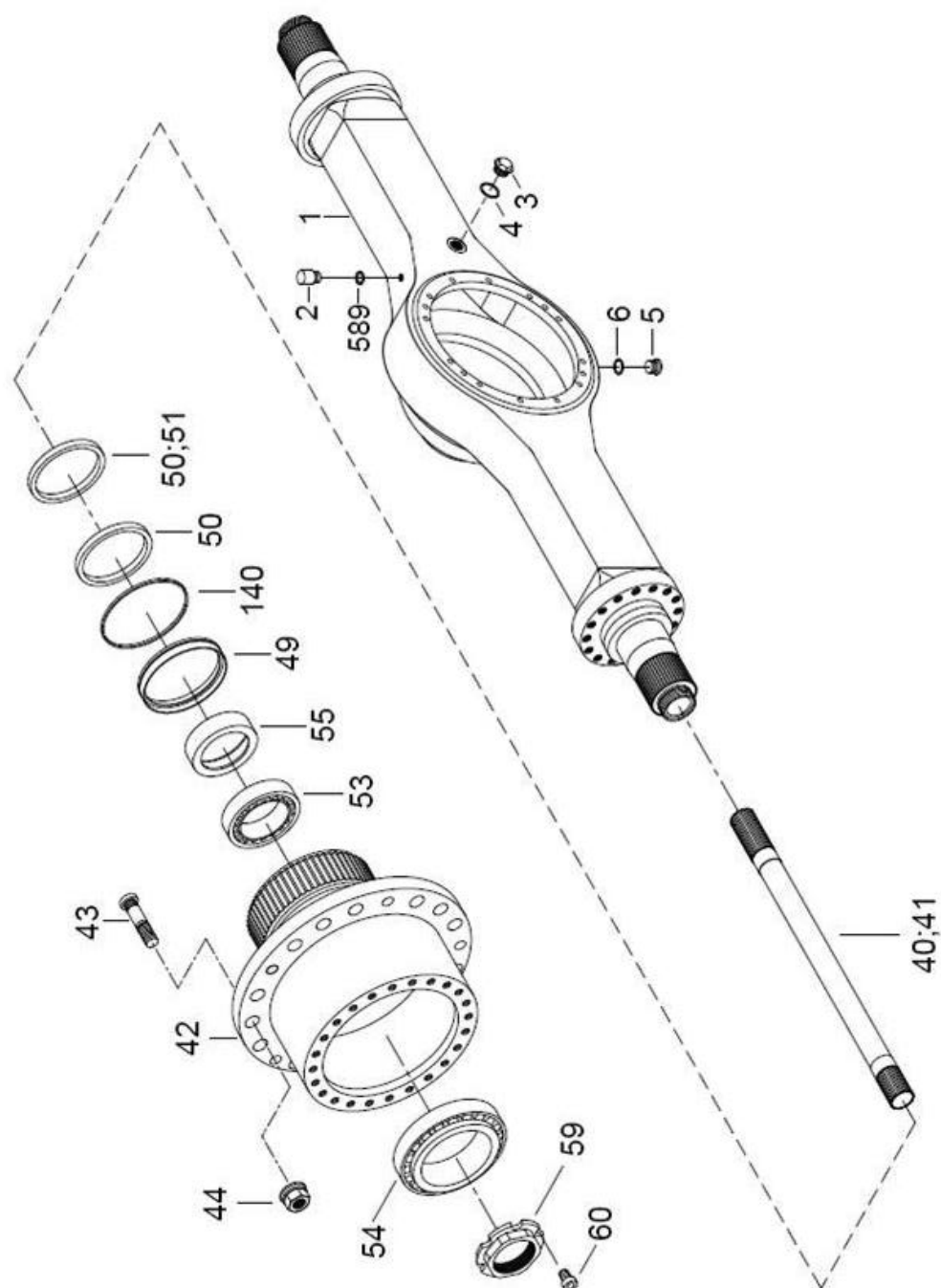
FRONT AXLE ASSEMBLY (2.03.00.0020)

NO.	CODE	NAME	Q'TY	REMARK
400	2.03.06.0062	DIFFERENTIAL AND CARRIER ASSEMBLY	1	
401	2.03.06.0063	DRIVE PINION	1	
402	2.03.06.0064	RING GEAR	1	
403	2.03.06.0065	DIFFERENTIAL HOUSING	1	
404	2.03.06.0066	DIFFERENTIAL HOUSING	1	
405	2.03.06.0067	DIFFERENTIAL SPIDER	1	
406	2.03.06.0068	DIFFERENTIAL SIDE GEAR	2	
408	2.03.06.0069	DIFFERENTIAL PINION	4	
409	2.03.06.0070	THRUST WASHER	2	
411	2.03.06.0071	THRUST WASHER	4	
412	2.03.06.0072	BUSHING	4	
413	2.03.06.0073	HEXAGON SOCKET SCREW	12	
414	2.03.06.0074	HEXAGON SCREW	16	
415	2.03.06.0075	TAPERED ROLLER BEARING	2	
417	2.03.06.0076	DIFFERENTIAL CARRIOR	1	
418	2.03.06.0077	HEXAGON SCREW	4	
419	2.03.06.0078	SETTING RING	2	
421	2.03.06.0079	LOCK PLATE	2	
422	2.03.06.0060	HEXAGON SCREW	2	
423	2.03.06.0081	HEXAGON SCREW	12	
424	2.03.06.0082	HEXAGON SCREW	7	
429	2.03.06.0083	SUPPORT BOLT	1	
430	2.03.06.0084	BOLT	1	
431	2.03.06.0085	HEXAGON NUT	1	

FRONT AXLE ASSEMBLY (2.03.00.0020)

NO.	CODE	NAME	Q'TY	REMARK
432	2.03.06.0086	TAPERED ROLLER BEARING	1	
434	2.03.06.0087	BUSHING	1	
436	2.03.06.0088	TAPERED ROLLER BEARING	1	
438	2.03.06.0089	BEARING FLANGE	1	
439	2.03.06.0090	COVER	1	
440	2.03.06.0091	RADIAL SEAL RING	1	
442	2.03.06.0092	HEXAGON SCREW	8	
443	2.03.06.0093	COMPENSATION PLATE	1	
444	2.03.06.0094	DRIVE FLANGE	1	
445	2.03.06.0095	ADJUSTING NUT	1	
450	2.03.06.0096	BEARING	1	
451	2.03.06.0097	CIRCLIP	1	
452	2.03.06.0098	CIRCLIP	1	
581	2.03.06.0099	O-RING	1	
583	2.03.06.0100	DISK	1	
2566	2.03.06.0103	DISK	1	

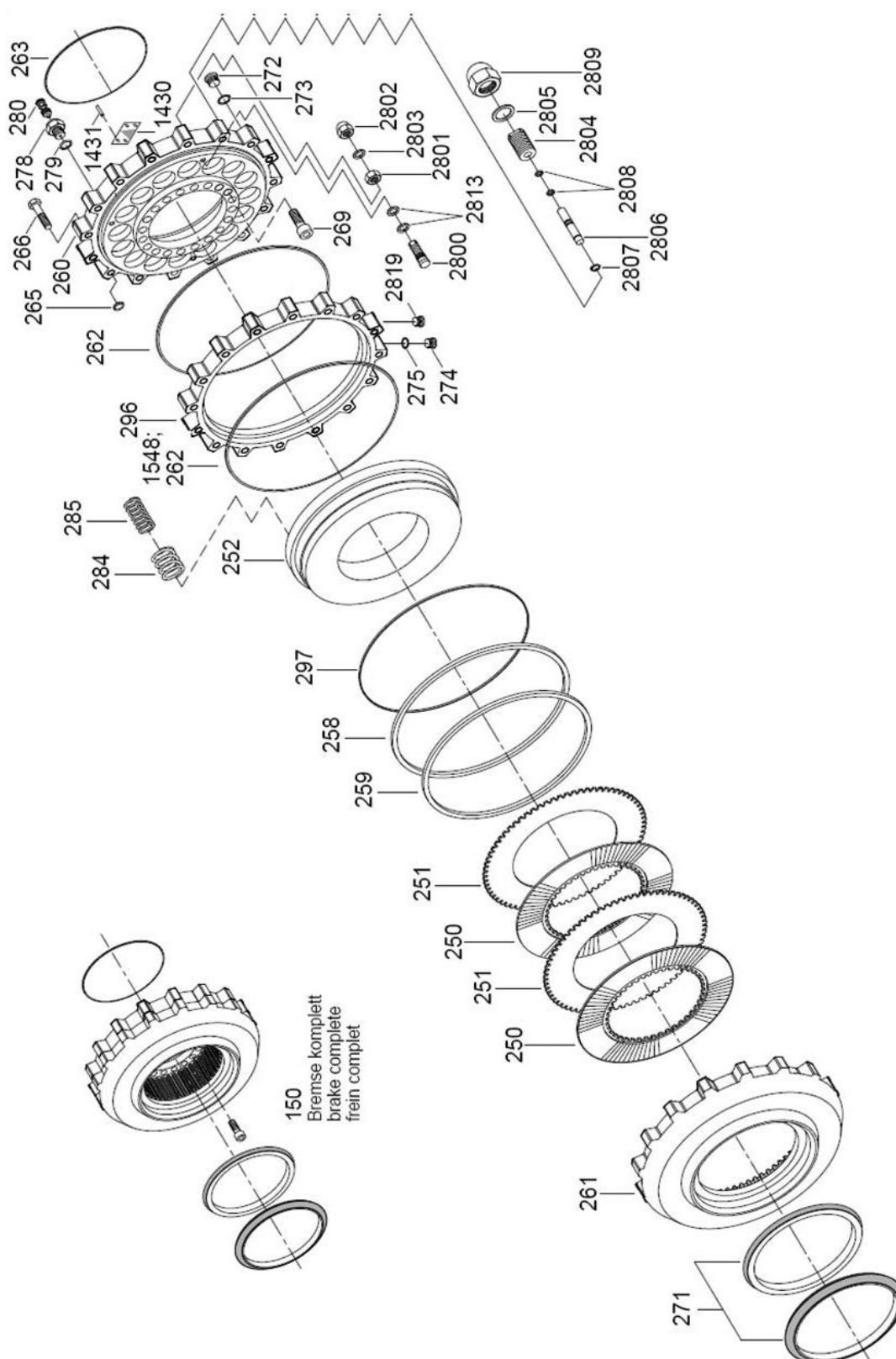
REAR AXLE ASSEMBLY (2.03.00.0043)



REAR AXLE ASSEMBLY (2.03.00.0043)

NO.	CODE	NAME	Q'TY	REMARK
1	2.03.06.0182	AXLE HOUSING	1	
2	2.03.06.0002	BREATHER	1	
3	2.03.06.0003	SCREW PLUG	1	
4	2.03.06.0004	SEALING RING	1	
5	2.03.06.0005	SCREW PLUG	1	
6	2.03.06.0006	SEALING RING	1	
40	2.03.06.0183	AXLE SHAFT	1	
41	2.03.06.0184	AXLE SHAFT	1	
42	2.03.06.0008	WHEEL HUB	2	
43	2.03.06.0009	WHEEL STUD	48	
44	2.03.06.0010	NUT	48	
49	2.03.06.0011	SPACER SLEEVE	2	
50	2.03.06.0012	OIL SEAL RING	2	
51	2.03.06.0013	OIL SEAL RING	2	
53	3.04.05.0029	TAPERED ROLLER BEARING	2	
54	2.03.06.0014	TAPERED ROLLER BEARING	2	
55	2.03.06.0015	GASKET RING	2	
59	2.03.06.0016	NUT	2	
60	2.03.06.0017	HEXAGON SOCKET SCREW	2	
140	2.03.06.0018	O RING	2	

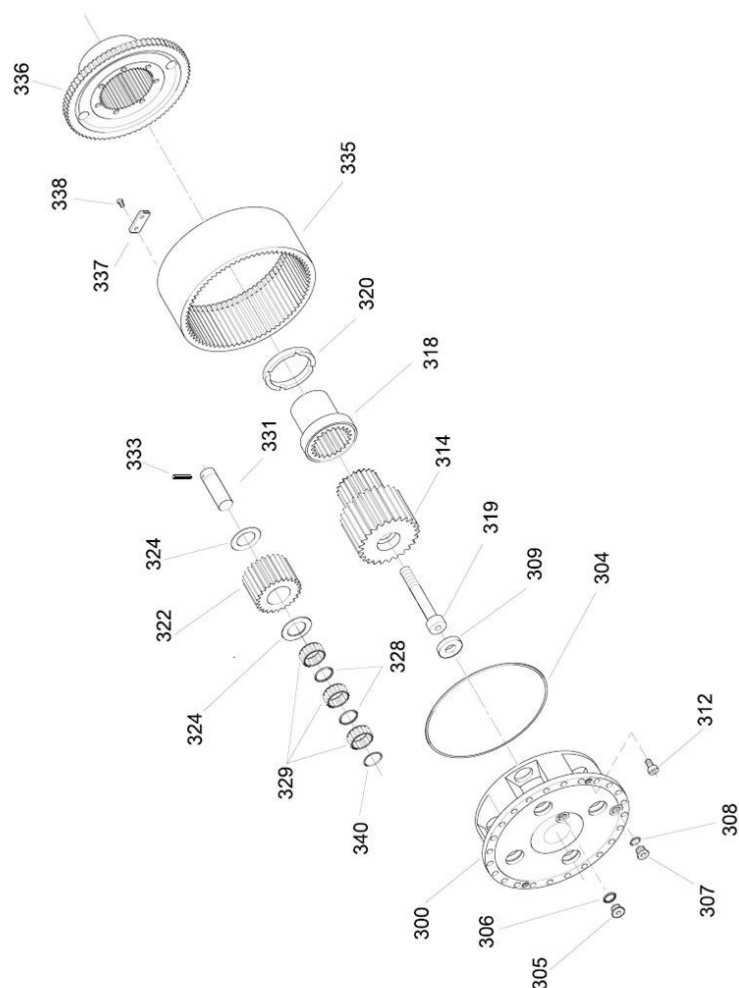
REAR AXLE ASSEMBLY (2.03.00.0043)



REAR AXLE ASSEMBLY (2.03.00.0043)

NO.	CODE	NAME	Q'TY	REMARK
250	2.03.06.0019	INNER DISK	6	
251	2.03.06.0020	OUTER DISK	6	
252	2.03.06.0021	PISTON	2	
258	2.03.06.0022	GASKET	2	
259	2.03.06.0023	GASKET	2	
260	2.03.06.0024	BRAKE CARRIER	2	
261	2.03.06.0025	BRAKER HOUSING	2	
262	2.03.06.0026	O-RING	2	
263	2.03.06.0027	O-RING	2	
265	2.03.08.0009	O-RING	18	
266	2.03.06.0029	HEXAGON SOCKET SCREW	60	
269	2.03.06.0030	HEXAGON SOCKET SCREW	48	
271	2.03.06.0031	OIL SEAL	2	
274	2.03.06.0032	PLUG	2	
275	2.03.06.0033	COPPER PACKING	2	
278	2.03.06.0034	CONNECT	2	
279	2.03.06.0035	GASKET RING	2	
280	2.03.06.0036	EXHAUST VALVE	2	
284	2.03.06.0037	SPRING	48	
285	2.03.06.0038	SPRING	16	
296	2.03.09.0039	MIDDLE CASING	2	
297	2.03.06.0040	PISTON GUIDE RING	2	
1430	2.03.06.0101	WARNING SIGNS	2	
1548	2.03.06.0102	O RING	2	
2566	2.03.06.0103	FRICTION DISK	1	
2804	2.03.06.0104	THREAD SLEEVE	2	
2805	2.03.06.0028	O RING	2	
2806	2.03.06.0105	PIN	2	
2808	2.03.06.0107	O RING	4	
2809	2.03.06.0108	NUT	2	

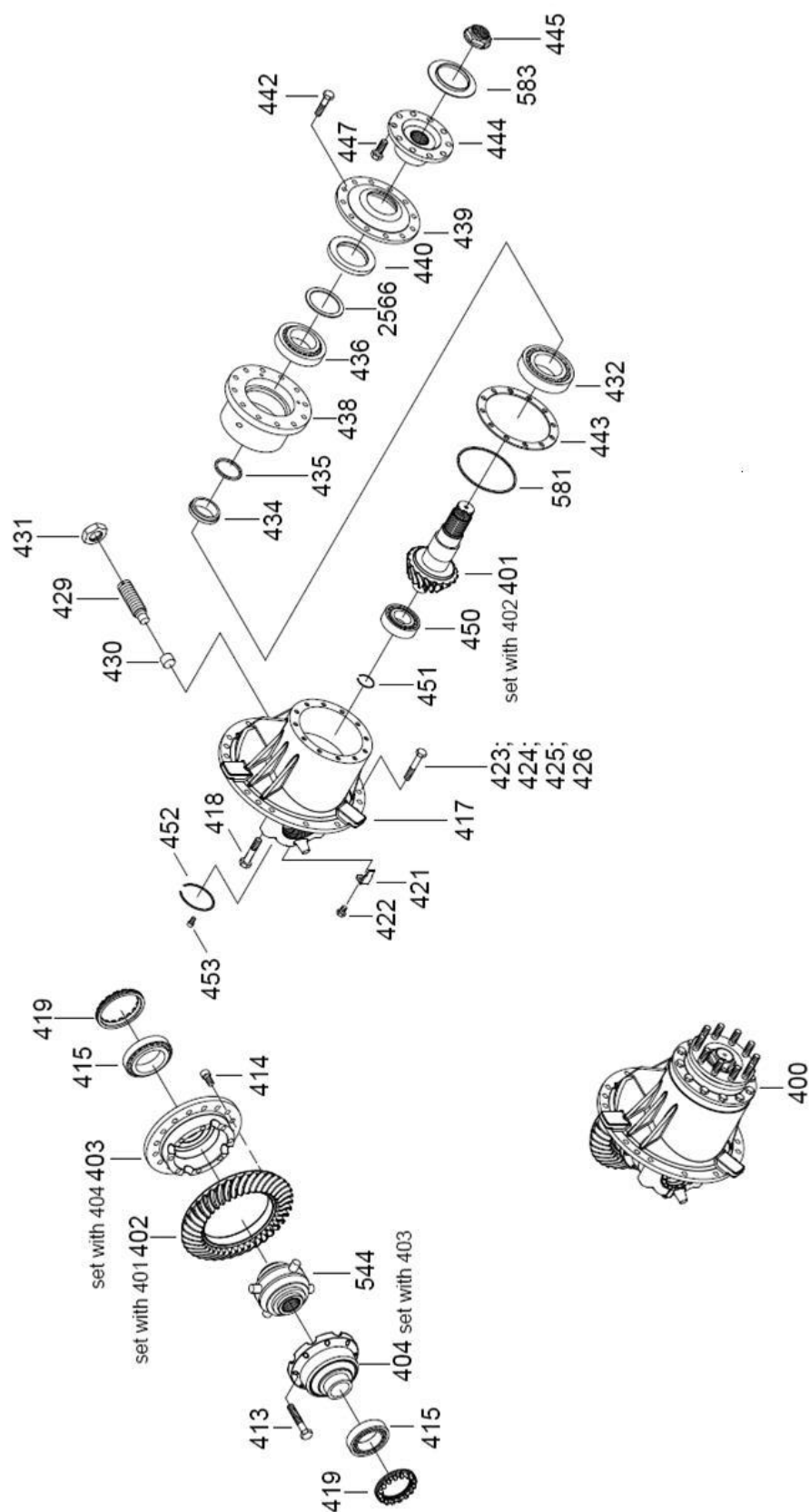
REAR AXLE ASSEMBLY (2.03.00.0043)



REAR AXLE ASSEMBLY (2.03.00.0043)

NO.	CODE	NAME	Q'TY	REMARK
300	2.03.06.0040	PLANETARY WHEEL SHELL	2	
301	2.03.06.0041	PLANETARY WHEEL HOUSING SUPPORT	2	
304	2.03.06.0042	O RING	2	
305	2.03.06.0043	PLUG SCREW	2	
306	2.03.06.0006	OIL SEAL RING	2	
307	2.03.06.0043	PLUG SCREW	2	
308	2.03.06.0006	OIL SEAL RING	2	
309	2.03.06.0045	THRUST WASHER	2	
312	2.03.06.0046	HEXAGON SOCKET SCREW	60	
314	2.03.06.0047	SUN WHEEL	2	
318	2.03.06.0048	BUSHING	2	
319	2.03.06.0049	HEXAGON SOCKET SCREW	2	
320	2.03.06.0050	THRUST RING	2	
322	2.03.06.0051	PLANETARY WHEEL	8	
324	2.03.06.0052	THRUST WASHER	16	
328	2.03.06.0053	BACKING RING	16	
329	2.03.06.0054	NEEDLE BEARING	24	
331	2.03.06.0055	PLANETARY GEAR PIN	8	
333	2.03.06.0110	STEADY PIN	8	
335	2.03.06.0057	GEAR RING	2	
336	2.03.06.0058	RING RACK	2	
337	2.03.06.0059	JAM PLATE	6	
338	2.03.06.0080	HEXAGON SOCKET SCREW	12	
340	2.03.08.0007	O RING	8	

REAR AXLE ASSEMBLY (2.03.00.0043)



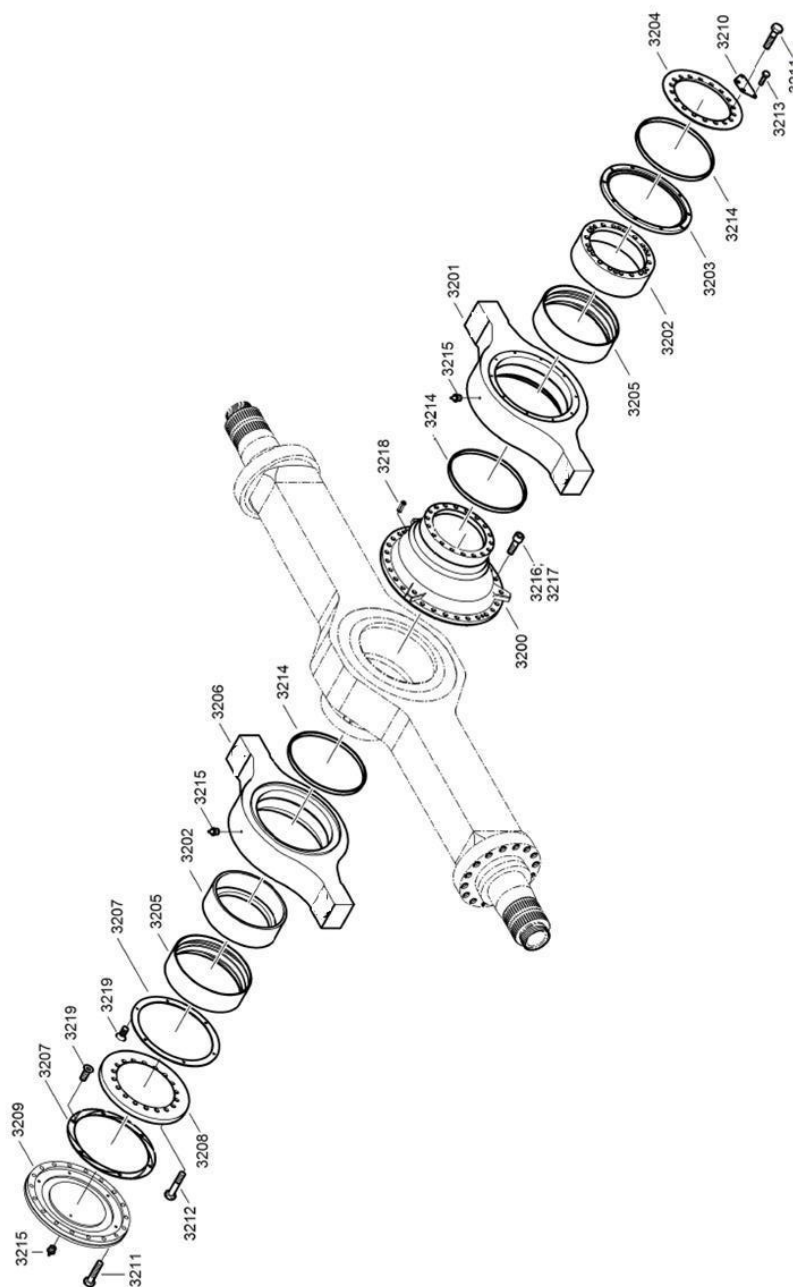
 REAR AXLE ASSEMBLY (2.03.00.0043)

NO.	CODE	NAME	Q'TY	REMARK
400	2.03.06.0185	PRINCIPAL SUBTRACTION ASSEMBLY	1	
401	2.03.06.0063	TRANSMITTING GEAR	1	
402	2.03.06.0064	TOOTH RING	1	
403	2.03.06.0065	DIFFERENTIAL HOUSING	1	
404	2.03.06.0066	DIFFERENTIAL HOUSING	1	
413	2.03.06.0073	HEXAGON SOCKET SCREW	12	
414	2.03.06.0074	HEXAGON SOCKET SCREW	16	
415	2.03.06.0075	TAPERED ROLLER BEARING	2	
417	2.03.06.0186	MAIN SUBTRACTION SHELL	1	
418	2.03.06.0197	HEXAGON SOCKET SCREW	4	
419	2.03.06.0078	ADJUSTING NUT	2	
421	2.03.06.0079	JAM PLATE	2	
422	2.03.06.0080	HEX BOLTS	2	
423	2.03.09.0032	HEX BOLTS	12	
424	2.03.06.0187	HEX BOLTS	7	
429	2.03.06.0083	SCREW STEM	1	
430	2.03.06.0084	COPPER SHEATHING	1	
431	2.03.06.0085	NUT	1	
432	2.03.06.0086	TAPERED ROLLER BEARING	1	
434	2.03.06.0087	BUSHING	1	
436	2.03.06.0088	TAPERED ROLLER BEARING	1	
438	2.03.06.0089	FLANGE	1	
439	2.03.06.0090	COVER PLATE	1	
440	2.03.06.0091	SKELETON OIL SEAL	1	
442	2.03.06.0092	HEXAGON SOCKET SCREW	8	
443	2.03.06.0093	PAD	1	

REAR AXLE ASSEMBLY (2.03.00.0043)

NO.	CODE	NAME	Q'TY	REMARK
444	2.03.06.0094	DRIVE FLANGE	1	
445	2.03.06.0095	REGULATING NUT	1	
450	2.03.06.0096	BEARING	1	
451	2.03.06.0097	BEAD FLANGE	1	
452	2.03.06.0098	BEAD FLANGE	1	
544	2.03.06.0113	ANTISKID DIFFERENTIAL	1	
581	2.03.06.0099	O RING	1	
583	2.03.06.0100	FRICTION DISK	1	
589	2.03.06.0035	OIL SEAL RING	1	

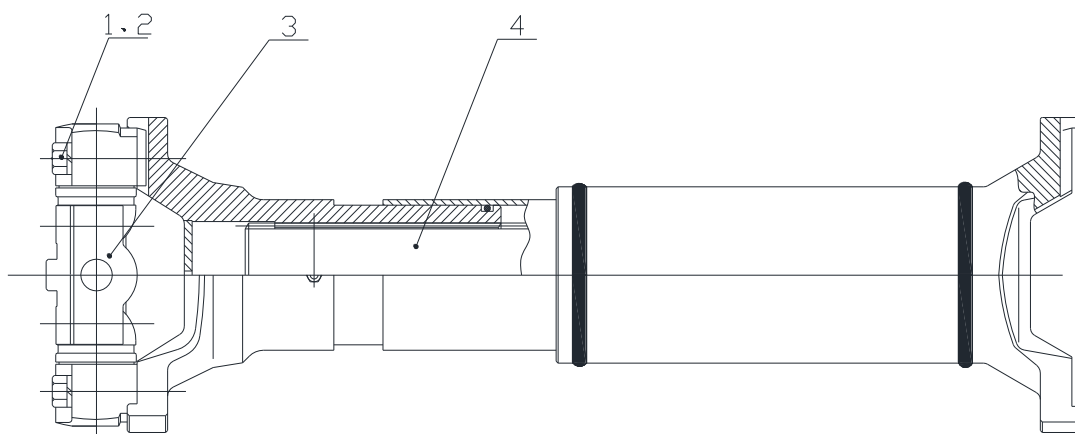
REAR AXLE ASSEMBLY (2.03.00.0043)



REAR AXLE ASSEMBLY (2.03.00.0039)

NO.	CODE	NAME	Q'TY	REMARK
3201	2.03.06.0188	PLATE	1	
3202	2.03.06.0189	SPACER SLEEVE	2	
3203	2.03.06.0190	PAD	1	
3204	2.03.06.0191	PAD	1	
3205	2.03.06.0193	SLEEVE	2	
3206	2.03.06.0194	BRACKET	1	
3207	2.03.06.0192	PAD	2	
3208	2.03.06.0195	PLATE	1	
3209	2.03.06.0196	PLATE	1	
3210	2.03.08.0019	PLATE	2	
3211	2.03.06.0187	HEX BOLTS	28	
3212	2.03.08.0051	HEX BOLTS	12	
3213	2.03.06.0198	HEX BOLTS	8	
3214	2.03.06.0199	O RING	3	
3215	2.03.06.0200	GREASE FITTING	3	
3218	2.03.06.0201	LOCKPIN	2	
3219	2.03.08.0056	COUNTERSUNK NUT	12	

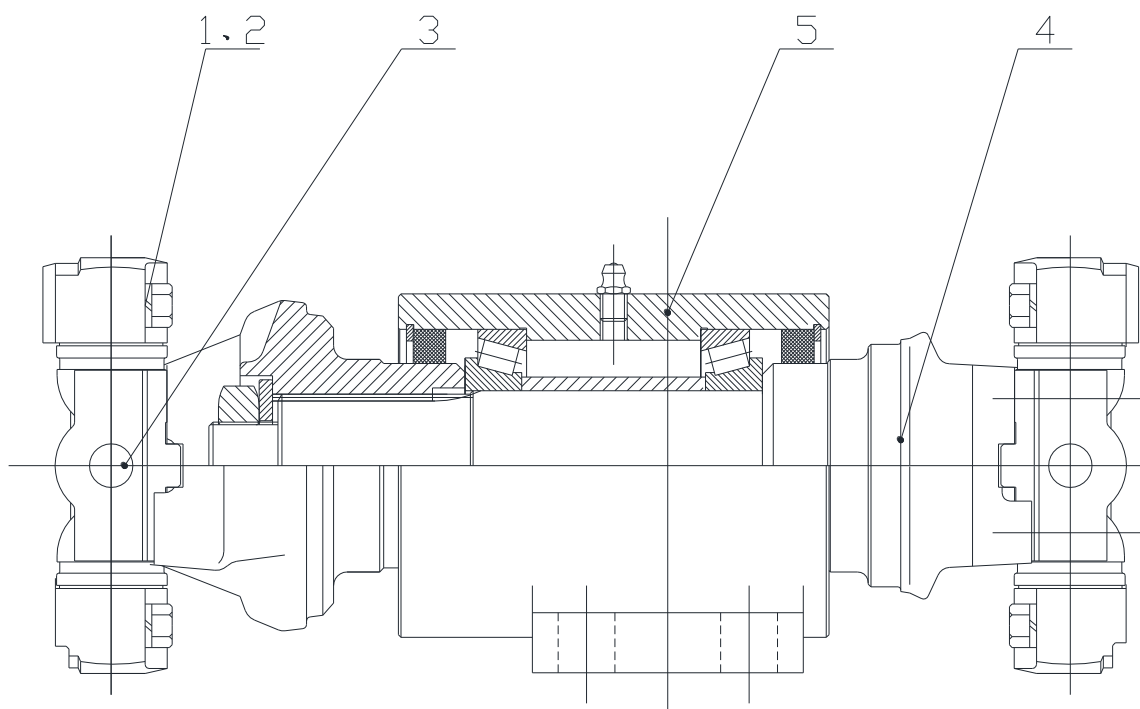
FRONT AXLE TRANSMISSION SHAFT (2.12.01.0224P)



FRONT AXLE TRANSMISSION SHAFT (2.12.01.0224P)

NO.	CODE	NAME	Q'TY	REMARK
1	3.01.01.0019	BOLT	4	
2	4.06.04.0008	WASHER	4	
3	3.04.09.0015	cardan joint	1	
4		TRANSMISSION SHAFT	1	NOT SELL SEPERATELY

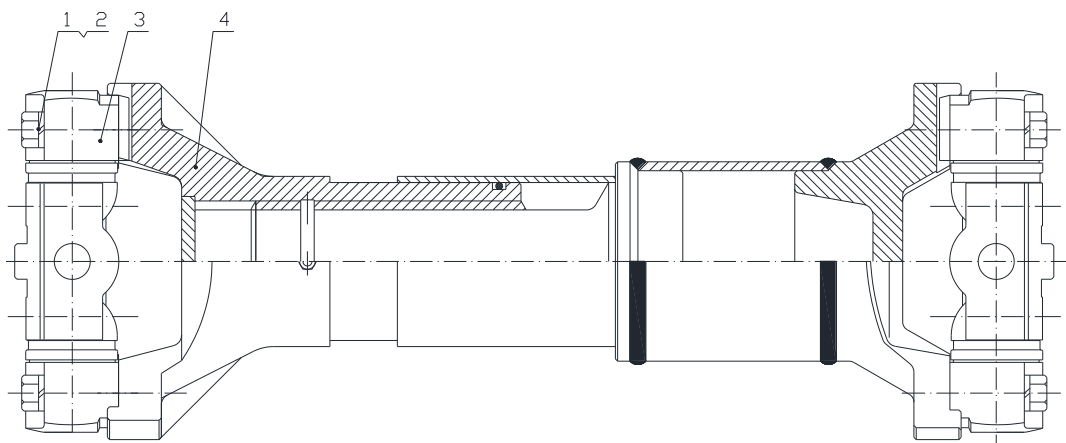
FRONT FIXED TRANSMISSION SHAFT (2.12.01.0025P)



FRONT FIXED TRANSMISSION SHAFT (2.12.01.0025)

NO.	CODE	NAME	Q'TY	REMARK
1	3.01.01.0019	BOLT	8	
2	4.06.04.0008	WASHER	8	
3	3.04.09.0015	CARDAN JOINT	2	
4		TRANSMISSION SHAFT	1	NOT SELL SEPERATELY
5	2.12.02.0005-T	BEARING STAND	1	

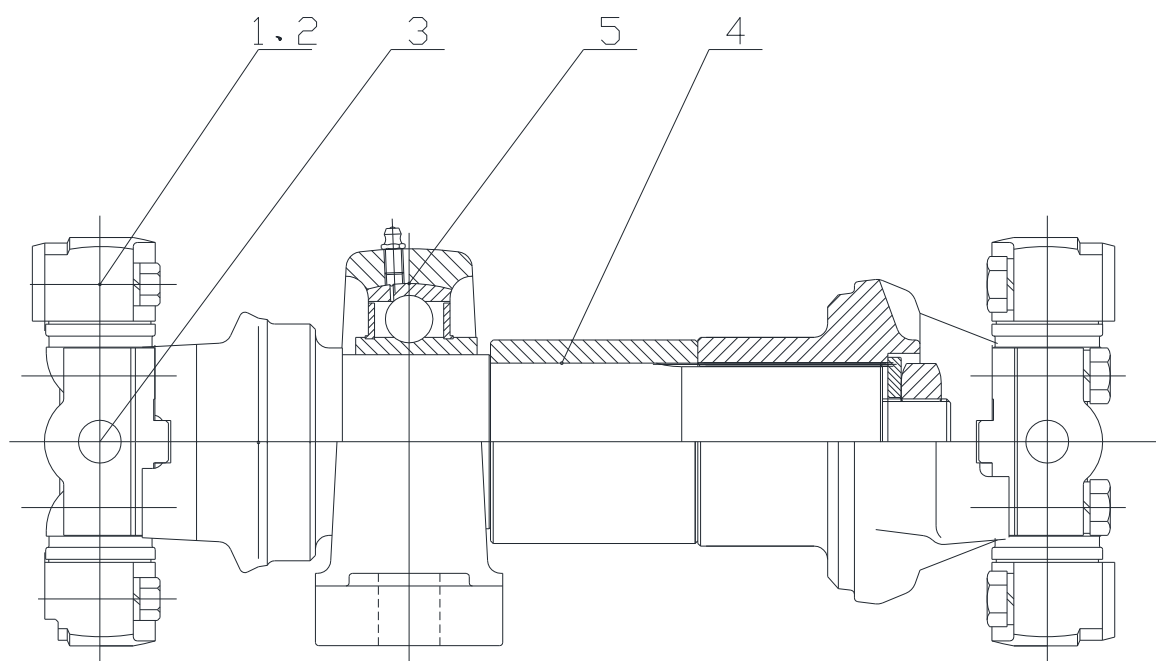
ARTICULATED DRIVE SHAFT (2.12.01.0223P)



ARTICULATED DRIVE SHAFT (2.12.01.0223P)

NO.	CODE	NAME	Q'TY	REMARK
1	3.01.01.0019	BOLT	8	
2	4.06.04.0008	WASHER	8	
3	3.04.09.0015	CARDAN JOINT	2	
4		TRANSMISSION SHAFT	1	NOT SELL SEPERATELY

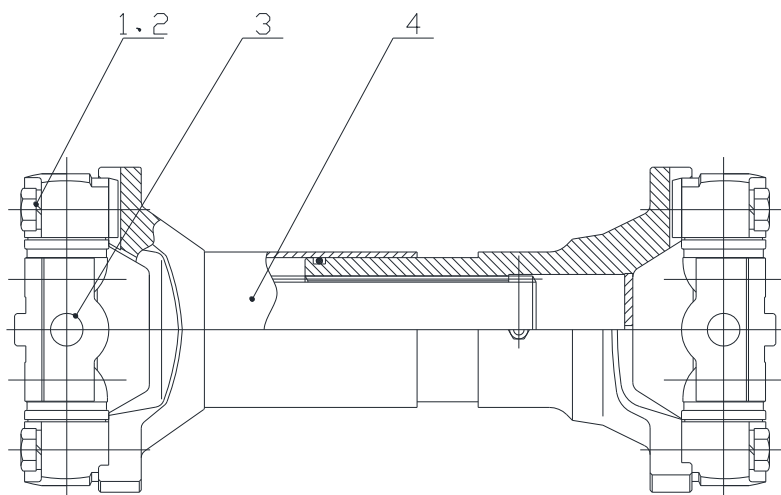
REAR FIXED TRANSMISSION SHAFT (2.12.01.0050P)



REAR FIXED TRANSMISSION SHAFT (2.12.01.0050P)

NO.	CODE	NAME	Q'TY	REMARK
1	3.01.01.0019	BOLT	8	
2	4.06.04.0008	WASHER	8	
3	3.04.09.0015	CROSS BEARING	2	
4		TRANSMISSION SHAFT	1	NOT SELL SEPERATELY
5	2.12.02.0010	BEARING STAND	1	

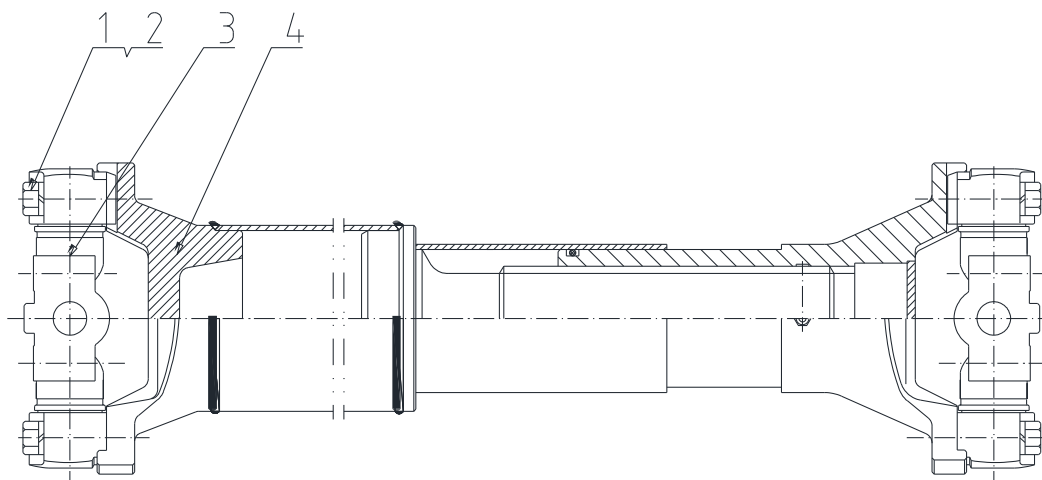
REAR AXLE TRANSMISSION SHAFT (2.12.01.0222P)



REAR AXLE TRANSMISSION SHAFT (2.12.01.0222P)

NO.	CODE	NAME	Q'TY	REMARK
1	3.01.01.0019	BOLT	8	
2	4.06.04.0008	WASHER	8	
3	3.04.09.0015	CROSS BEARING	2	
4		TRANSMISSION SHAFT	1	NOT SELL SEPERATELY

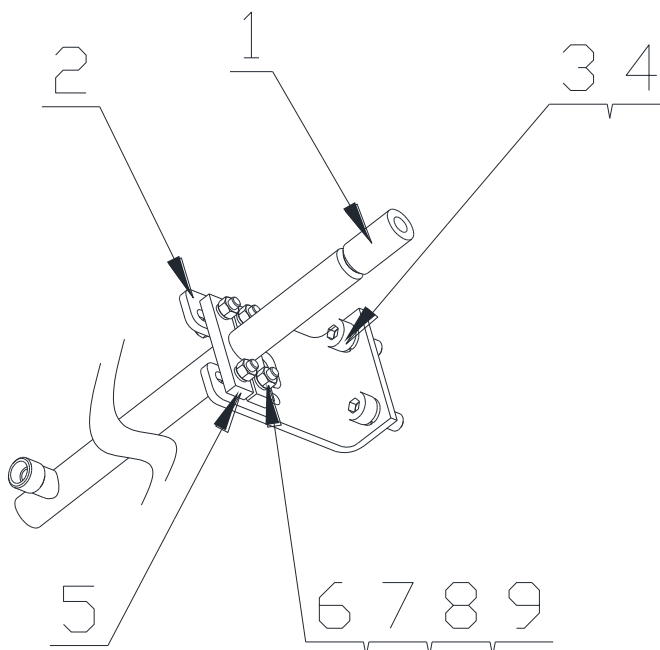
INPUT TRANSMISSION SHAFT (2.12.01.0221)



INPUT TRANSMISSION SHAFT (2.12.01.0221)

NO.	CODE	NAME	Q'TY	REMARK
1	3.01.01.0015	BOLT	8	CROSS BEARING HAS
2	4.06.04.0006	WASHER	8	CROSS BEARING HAS
3	3.04.09.0014	CROSS BEARING	2	
4		TRANSMISSION SHAFT	1	NOT SELL SEPERATELY

TRANSMISSION OIL GAUGE FIXING FRAME

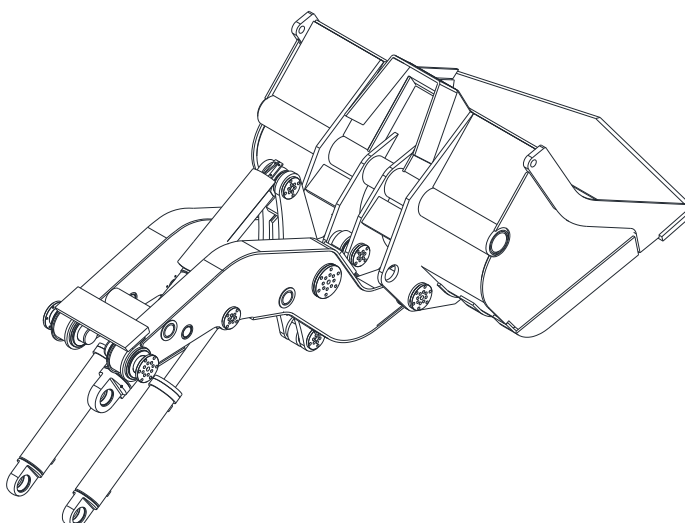
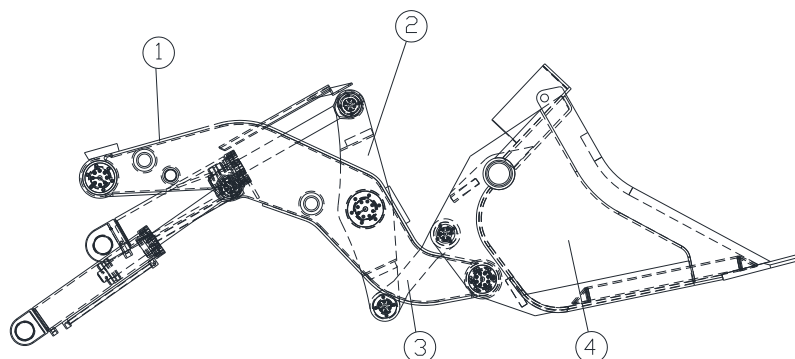


TRANSMISSION OIL GAUGE FIXING FRAME

NO.	CODE	NAME	Q'TY	REMARK
1	2.19.01.0379-E	GEARBOX LIQUID LEVEL CONDUIT	1	
2	3.10.06.5493	GEARBOX OIL GAUGE FIXING FRAME	1	
3	4.03.02.0019	HEXAGON HEAD SCREW	2	
4	4.06.04.0005	SPRING WASHER	2	
5	3.10.06.5494	Φ 16 PIPE CLAMP	1	
6	4.01.02.0003	BOLT	4	
7	4.06.01.0003	FLAT WASHER	4	
8	4.06.04.0003	SPRING WASHER	4	
9	4.02.01.0003	NUT	4	

OPERATING MECHANISM ASSEMBLING

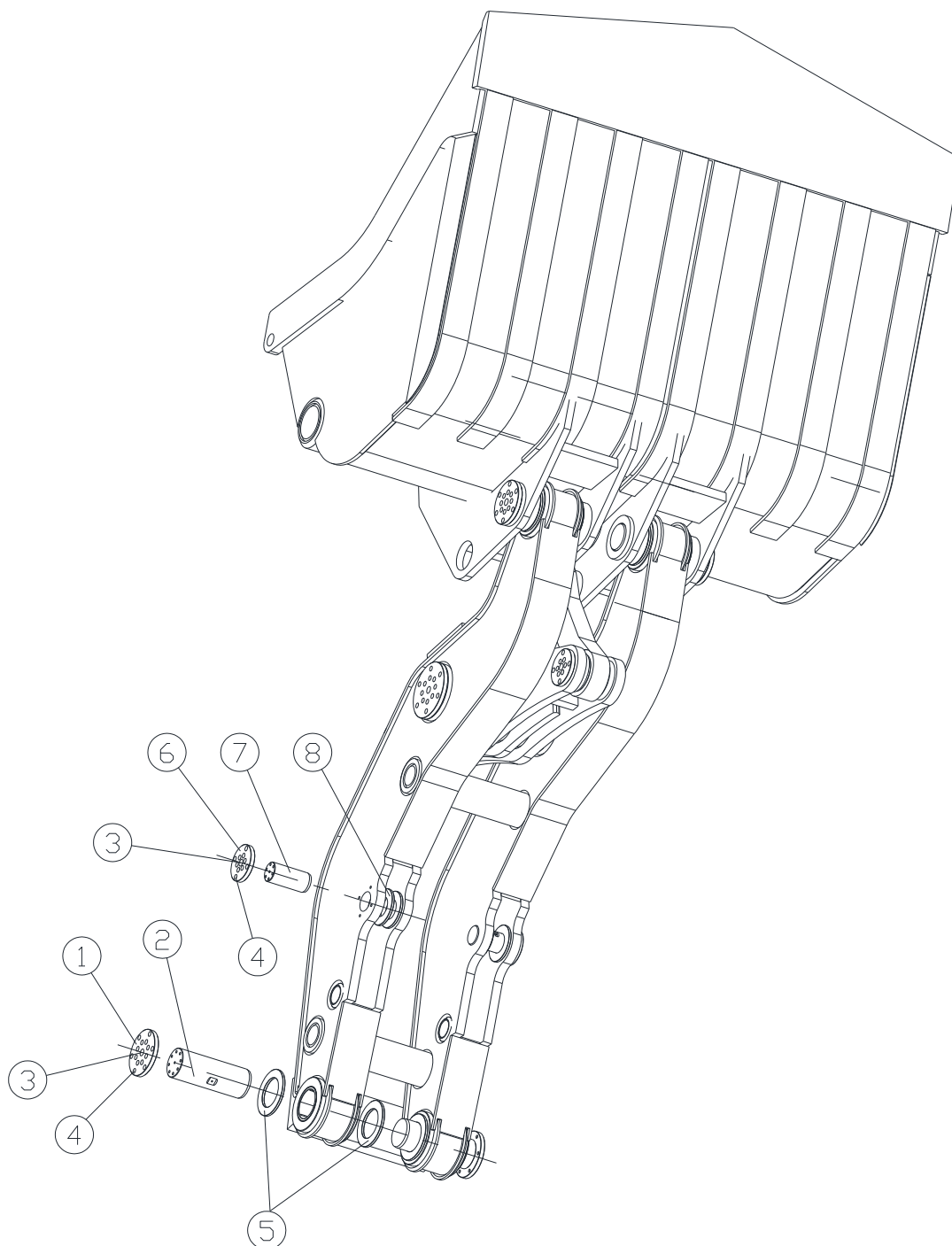
OPERATING MECHANISM ASSEMBLING (一)



OPERATING MECHANISM ASSEMBLING (一)

NO.	CODE	NAME	Q'TY	REMARK
1	2.06.02.0103	ARM	1	
2	2.06.02.0089	ROCKER	1	
3	3.10.01.5691	CONNECTING ROD	1	
4	2.06.02.0150	BUCKET	1	

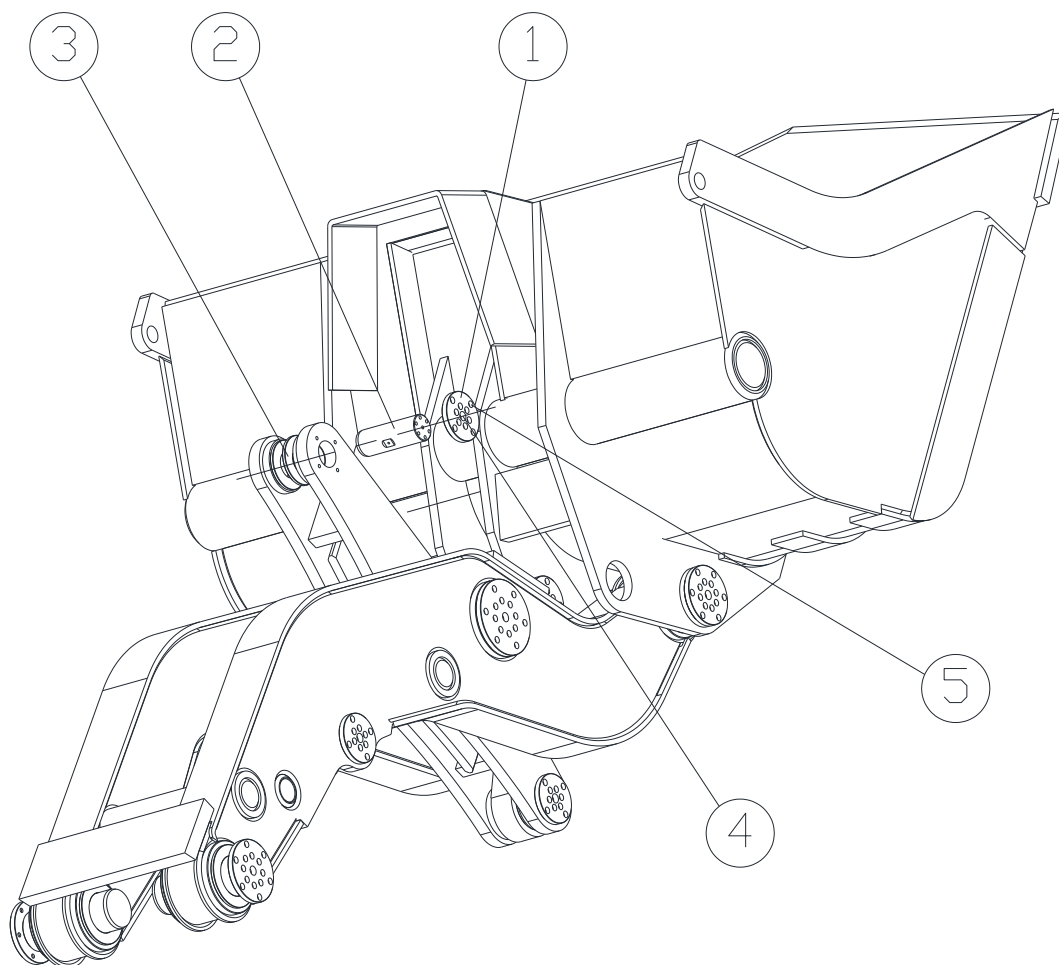
OPERATING MECHANISM ASSEMBLING (二)



OPERATING MECHANISM ASSEMBLING (二)

NO.	CODE	NAME	Q'TY	REMARK
1	3.10.01.2981	COVER	2	
2	3.09.01.0645	SHAFT	2	
3	4.13.02.0003	OIL CUP	4	
4	4.03.02.0058	BOLT	48	
5	3.10.01.2988	WASHER	4	
6	3.10.01.2990	COVER	2	
7	3.09.01.0646	SHAFT	2	
8	3.10.01.2991	WASHER	4	

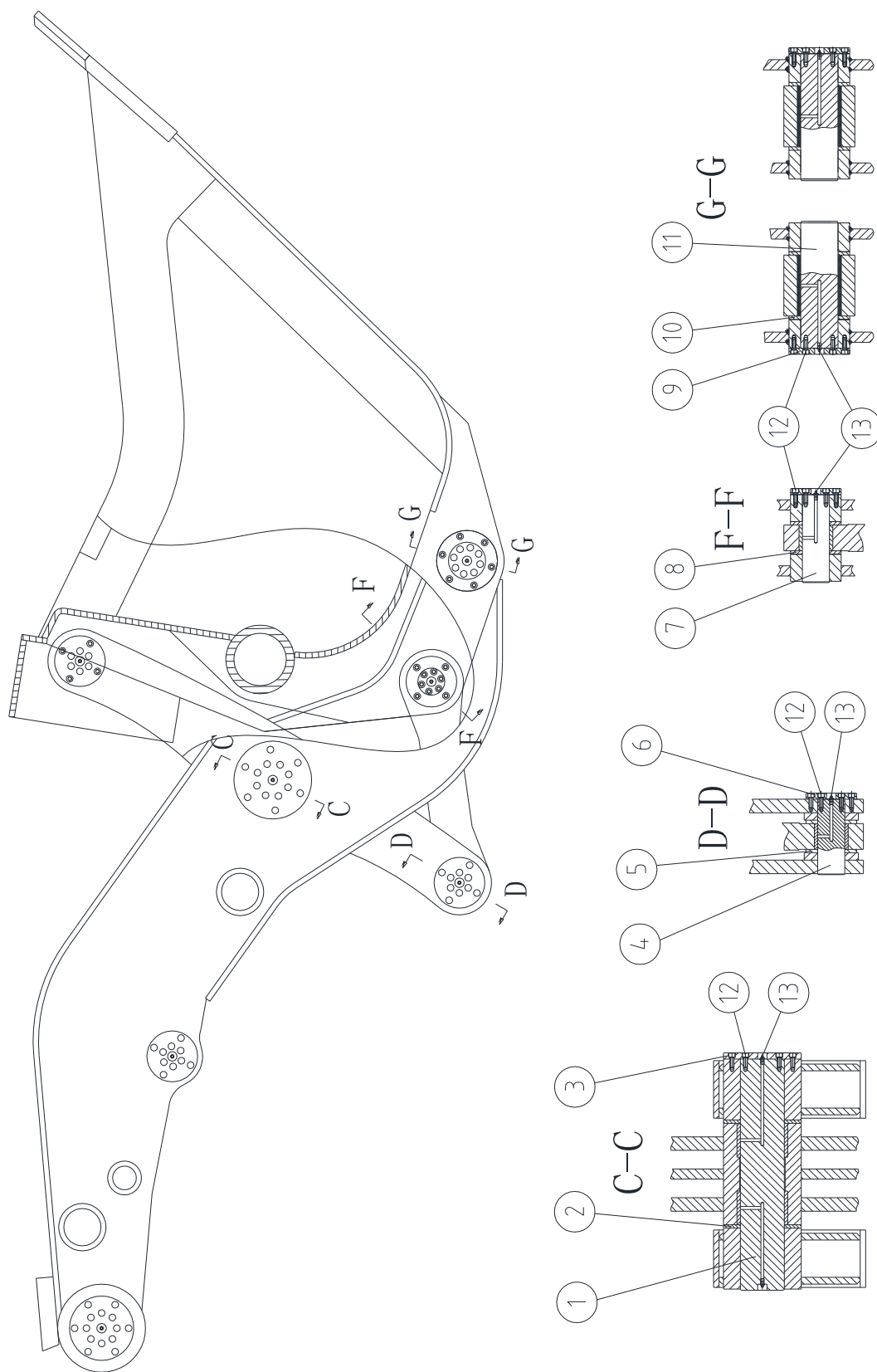
OPERATING MECHANISM ASSEMBLING (三)



OPERATING MECHANISM ASSEMBLING (三)

NO.	CODE	NAME	Q'TY	REMARK
1	3.10.01.2990	COVER	1	
2	3.09.01.0945	PIN SHAFT	1	
3	3.10.01.2991	WASHER	2	
4	4.13.02.0003	OIL CUP	1	
5	4.03.02.0058	BOLT	10	

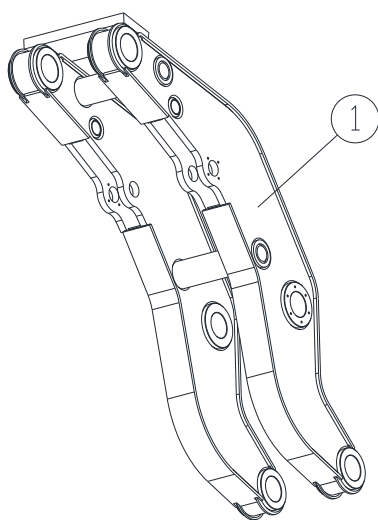
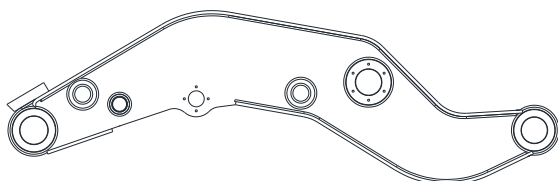
OPERATING MECHANISM ASSEMBLING (四)



 OPERATING MECHANISM ASSEMBLING (四)

NO.	CODE	NAME	Q'TY	REMARK
1	3.09.01.0647	SHAFT	1	
2	3.10.01.2992	WASHER	2	
3	3.10.01.2993	COVER	1	
4	3.09.01.0949	PIN SHAFT	1	
5	3.09.01.0950	PIN SHAFT	2	
6	3.10.01.5694	END CAP	1	
7	3.09.01.0946	CONNECTING ROD FRONT PIN SHAFT	1	
8	3.09.01.0951	CONNECTING ROD FRONT PIN SHAFT	2	
9	3.10.01.2994	FOREARM END COVER	2	
10	3.10.01.2995	FOREARM PAD	4	
11	3.09.01.0650	FOREARM SHAFT	2	
12	4.03.02.0058	NUT BOLT	62	
13	4.13.02.0003	GREASE CUP	6	

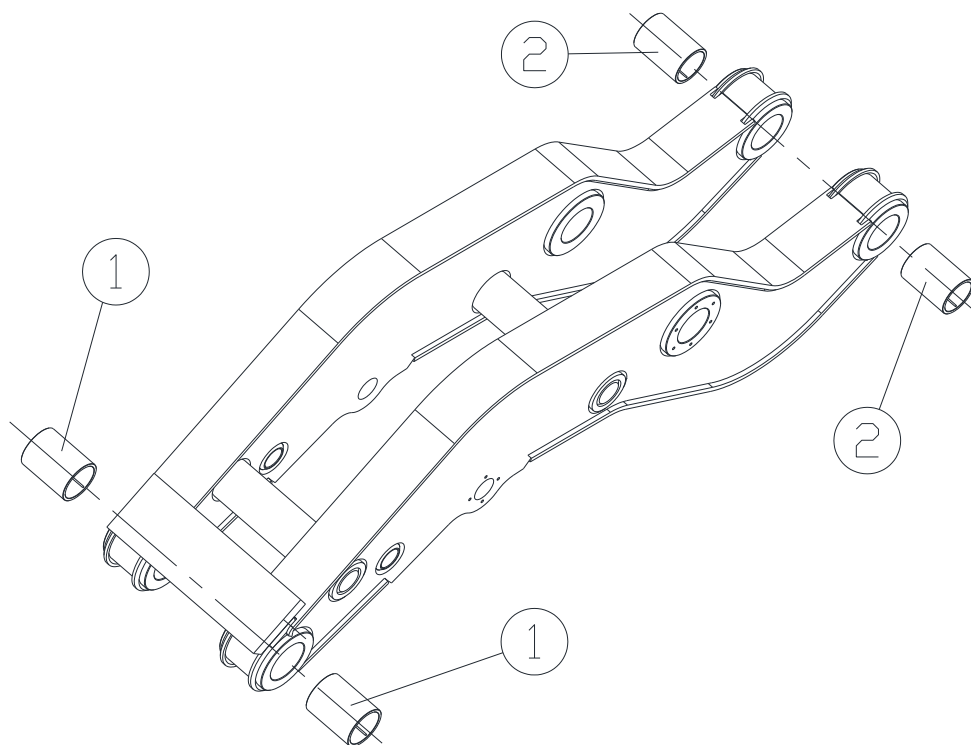
ARM (2.06.02.0103)



ARM (2.06.02.0103)

NO.	CODE	NAME	Q'TY	REMARK
1	2.06.02.0103	ARM	1	

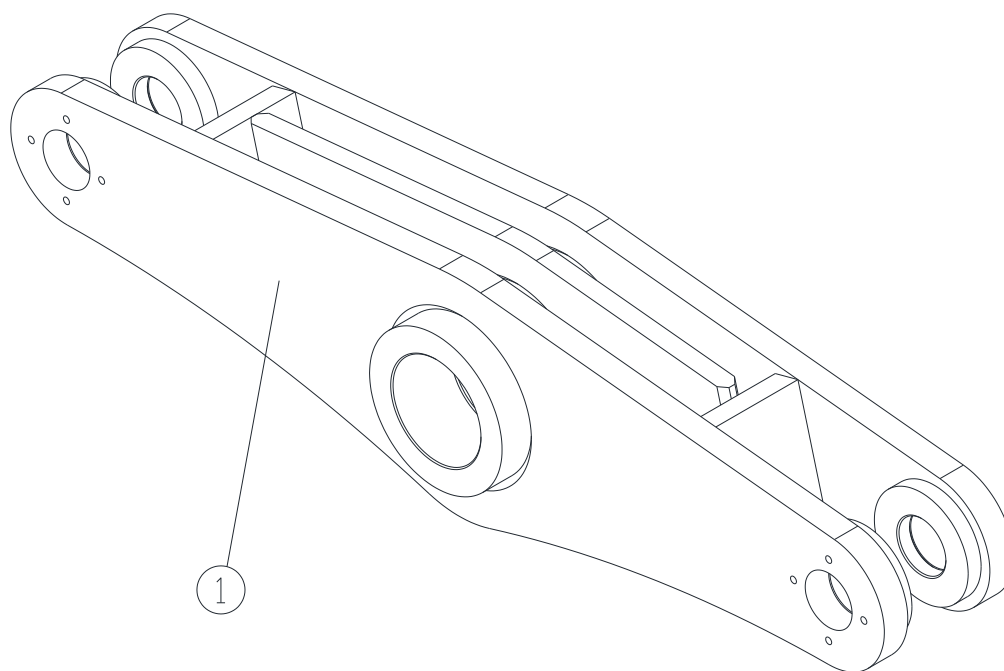
ARM WELDING



ARM WELDING

NO.	CODE	NAME	Q'TY	REMARK
1	3.09.02.0635	SHAFT BUSHING	2	
2	3.09.02.0638	SHAFT BUSHING	2	

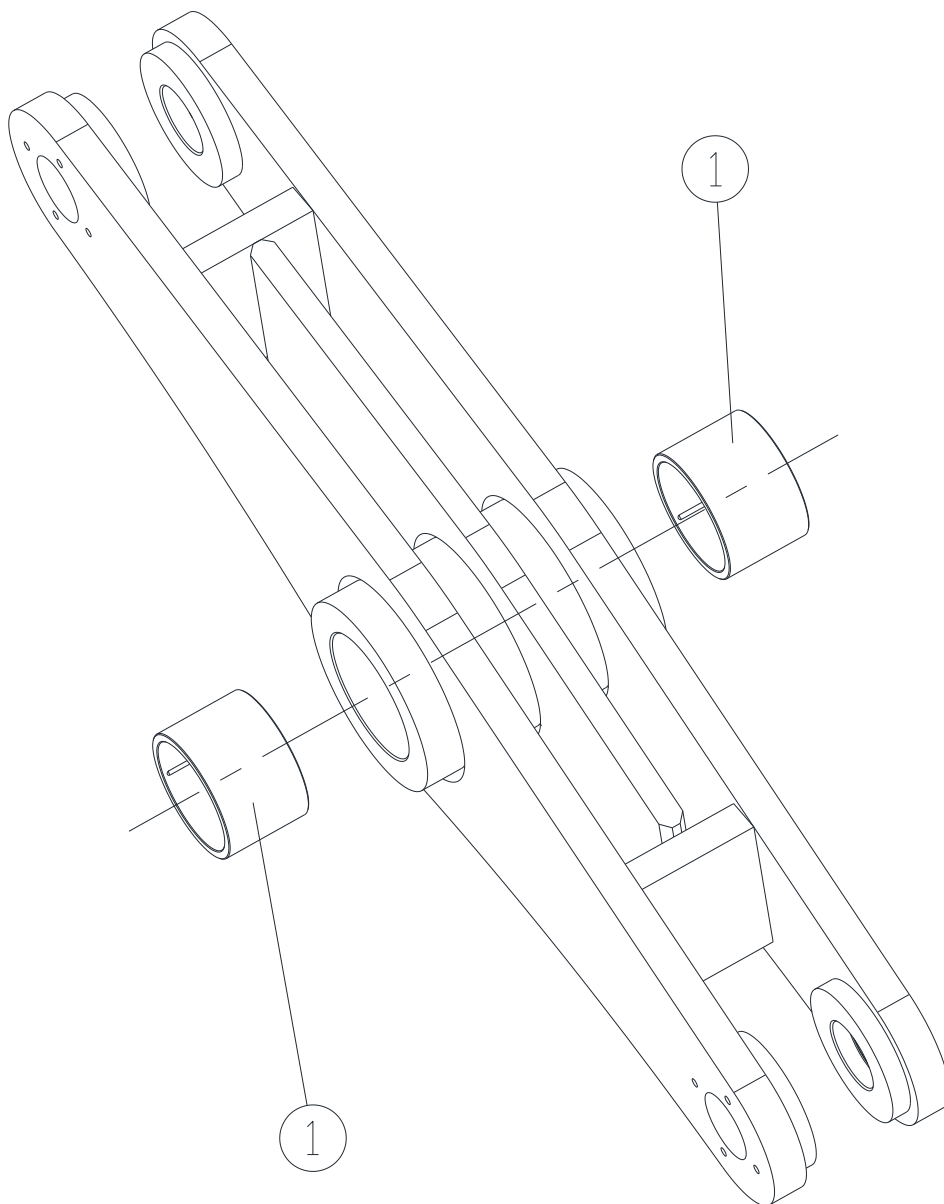
ROCKER (2.06.02.0089)



ROCKER (2.06.02.0089)

NO.	CODE	NAME	Q'TY	REMARK
1	2.06.02.0089	ROCKER	1	

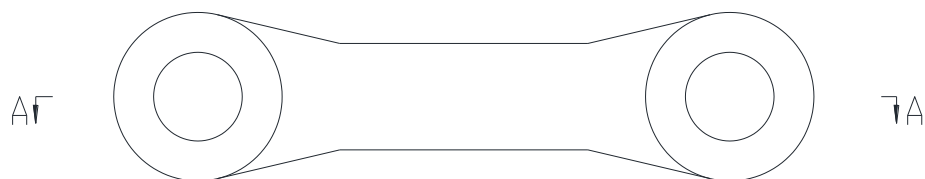
ROCKER ASSEMBLING



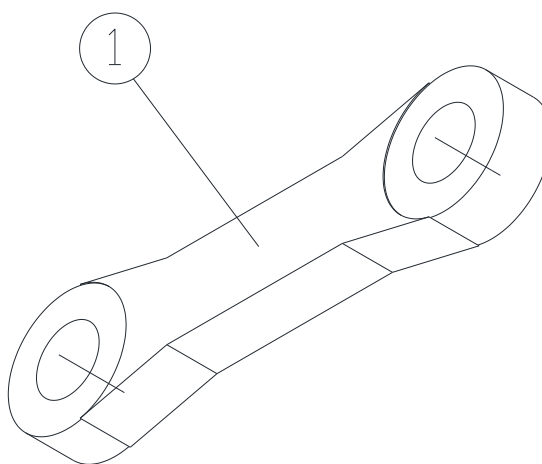
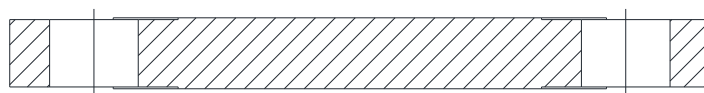
ROCKER ASSEMBLING

NO.	CODE	NAME	Q'TY	REMARK
1	3.09.02.0636	SHAFT BUSHING	2	

CONNECTING ROD (3.10.01.5691)



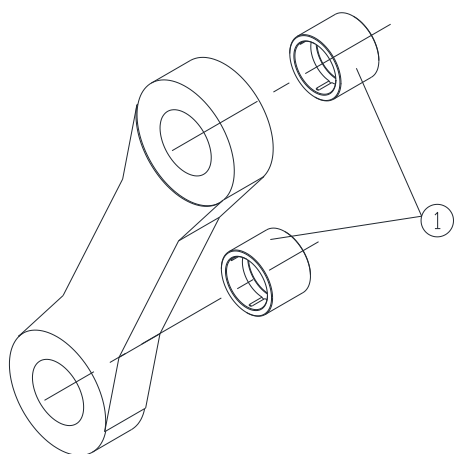
A-A



CONNECTING ROD (3.10.01.5691)

NO.	CODE	NAME	Q'TY	REMARK
1	3.10.01.5691	CONNECTING ROD	1	

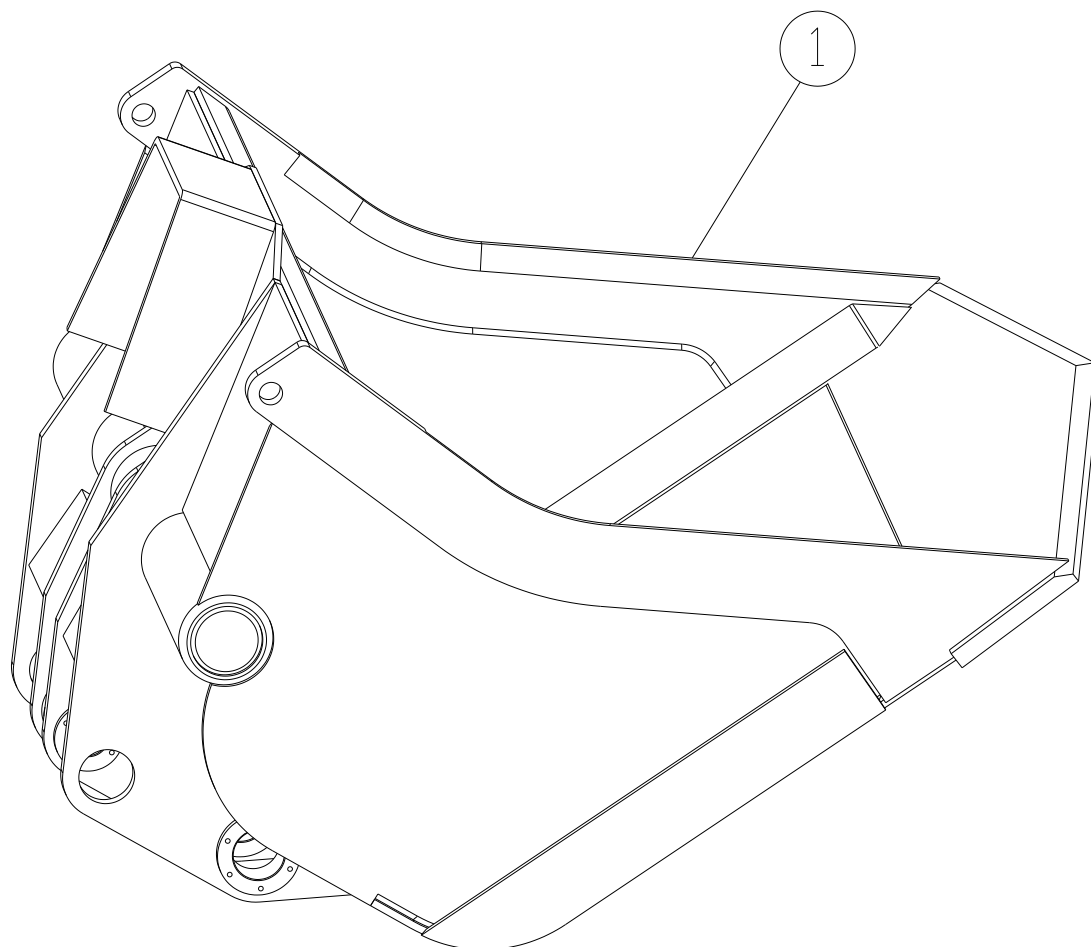
CONNECTING ROD ASSEMBLING



CONNECTING ROD ASSEMBLING

NO.	CODE	NAME	Q'TY	REMARK
1	3.09.02.0877	SHAFT BUSHING	2	

BUCKET (2.06.02.0150)

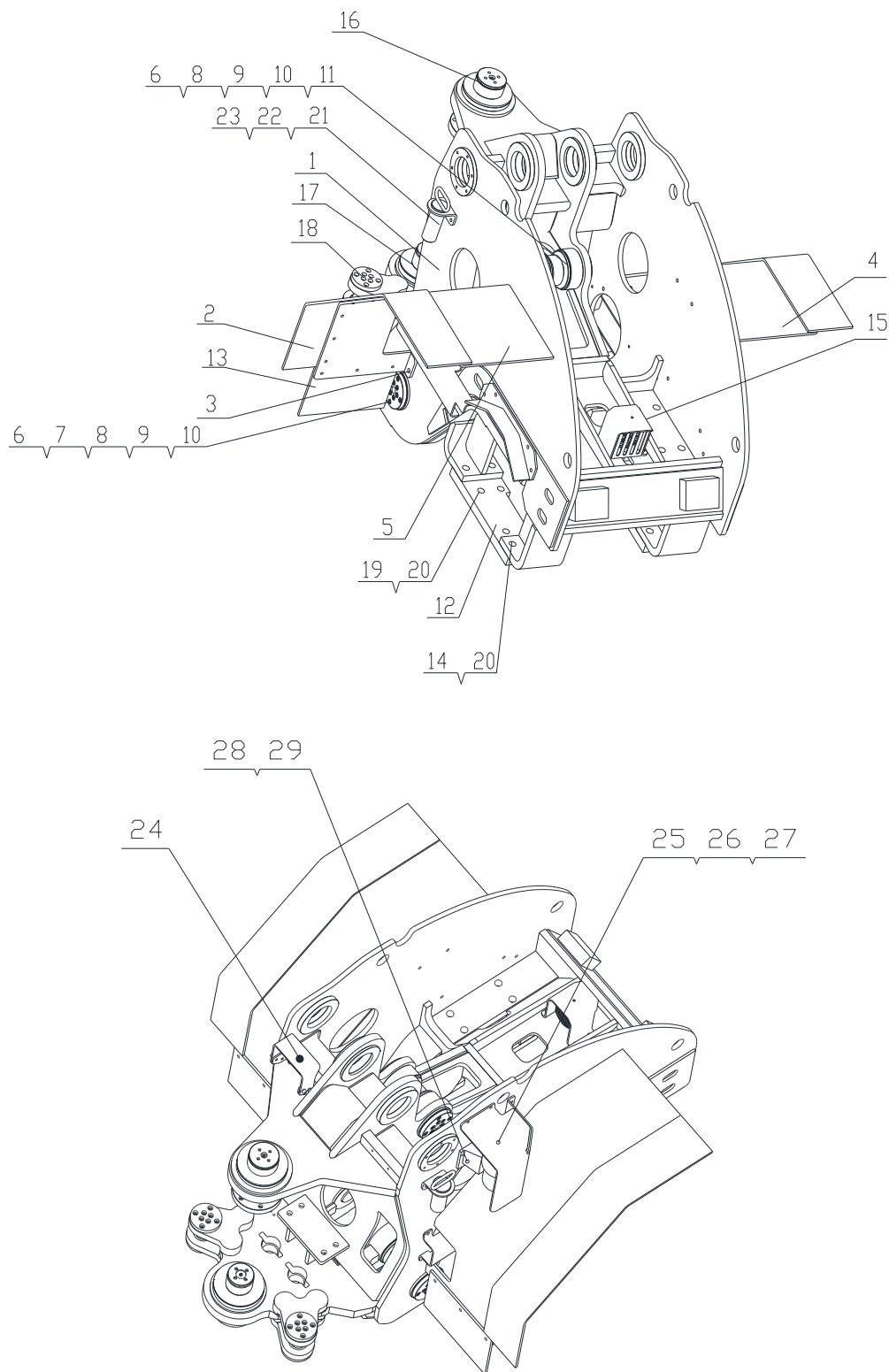


BUCKET (2.06.02.0150)

NO.	CODE	NAME	Q'TY	REMARK
1	2.06.02.0150	BUCKET	1	

FRONT FRAME ASSEMBLING

(2.04.00.0076)



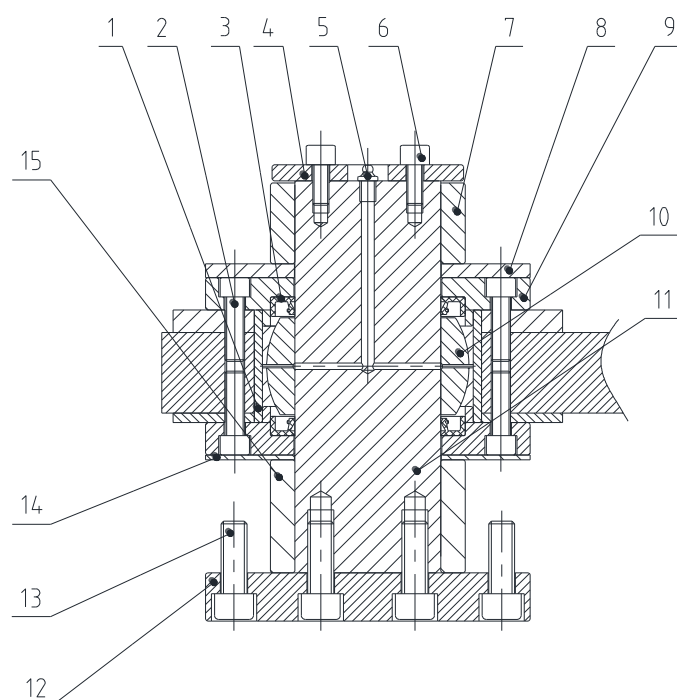
FRONT FRAME ASSEMBLING

(2. 04. 00. 0076)

NO.	CODE	NAME	Q'TY	REMARK
1	2.04.01.0070	FRONT FRAME	1	
2	3.07.04.0086	SIDE FENDER	2	
3	4.01.02.0039	BOLT	8	
4	2.19.01.1992	LEFT MUDGUARD	1	
5	2.19.01.1989	RIGHT MUDGUARD	1	
6	3.03.28.0092	LUBRICATING POINT STRAIGHT THROUGH JOINT	3	
7	3.09.01.0669	SHAFT	2	
8	4.03.02.0058	BOLT	30	
9	3.10.01.2991	WASHER	6	
10	3.10.01.2990	COVER	3	
11	3.09.01.2177	PIN SHAFT	1	
12	3.10.01.2763	FRONT AXLE BRACKET	2	
13	3.07.04.0087	FENDER PLATE	2	
14	4.01.03.0053	BOLT	8	
15	2.19.01.2349	UPPER ARM LAMPSHADE	1	NOT EQUIPED
16		ASSEMBLING OF UPPER PART CENTRAL ARTICULATION	1	
17		ASSEMBLING OF LOWER PART CENTRAL ARTICULATION	1	
18		ASSEMBLING OF STEERING ARTICULATION	2	
19	4.01.03.0065	BOLT	8	
20	4.02.02.0021	BUT	32	
21	3.09.01.1088	TRACTION PIN	2	
22	3.10.06.2395	STEERING PIN MOUNTING PLATE	2	
23	4.05.03.0001	RING SCREW	2	
24	2.19.00.0098	PROXIMITY SWITCH MOUNTING SEAT	1	
25	4.03.02.0040	HEXAGON HEAD SCREW	4	CENTRAL

				IZED LUBRICAT ION CONFIGU RATION
26	4.06.04.0006	STANDARD SPRING WASHER	4	CENTRAL IZED LUBRICAT ION CONFIGU RATION
27	3.10.06.5545	ELECTRIC PUMP PROTECTIVE COVER	1	CENTRAL IZED LUBRICAT ION CONFIGU RATION
28	4.03.02.0019	HEXAGON HEAD SCREW	3	CENTRAL IZED LUBRICAT ION CONFIGU RATION
29	3.14.0014	ELECTRICAL PUMP	1	CENTRAL IZED LUBRICAT ION CONFIGU RATION

UPPER ASSY.-ARTICULATED CENTER

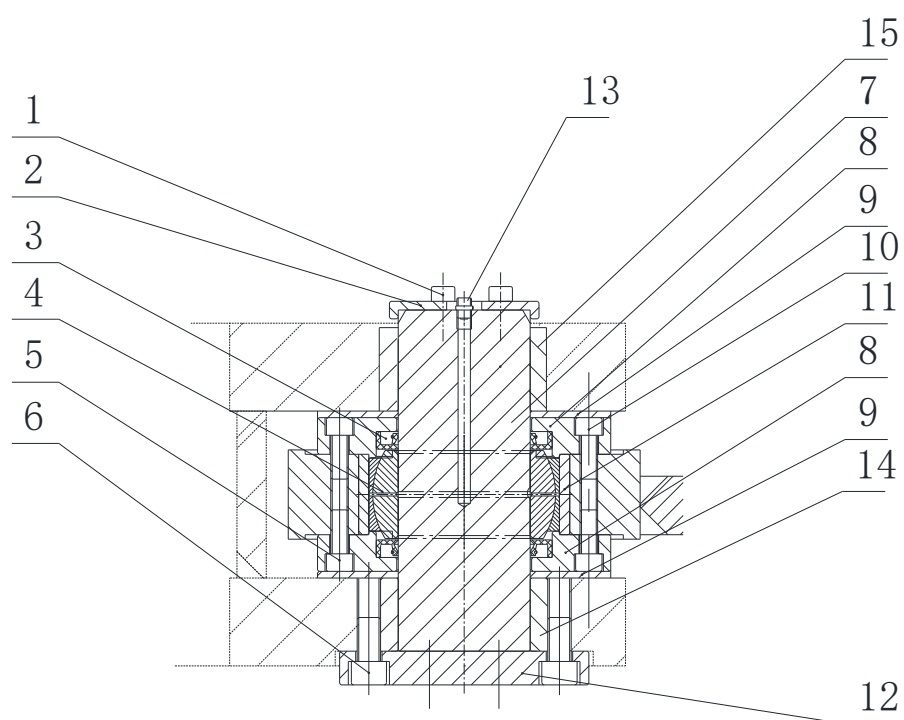


UPPER ASSY.-ARTICULATED CENTER

NO.	CODE	NAME	Q'TY	REMARK
1	3.09.02.0546	BUSHING	1	
2	4.03.02.0060	HEXAGON HEAD SCREW	12	
3	3.07.06.0028	SEAL	2	
4	3.10.01.2754	UPPER HINGE UPPER GLAND	1	
5	3.03.28.0092	LUBRICATING POINT STRAIGHT THROUGH JOINT	1	
6	4.03.02.0039	HEXAGON HEAD SCREW	4	
7	3.09.02.0549	UPPER HINGE UPPER PIN SLEEVE	1	
8	3.09.02.0551	ADJUSTING PAD	1	
9	3.09.01.0624	UPPER HINGED INNER GLAND	2	
10	3.04.08.0008	JOINT BEARING	1	
11	3.09.01.0616	UPPER HINGE PIN SHAFT	1	
12	3.09.01.0626	UPPER HINGE DOWN COVER	1	
13	4.03.02.0077	HEXAGON HEAD SCREW	10	
14	3.09.02.0552	ADJUSTING PAD	1	

15	3.09.01.0622	UPPER HINGE DOWN PIN SLEEVE	1	
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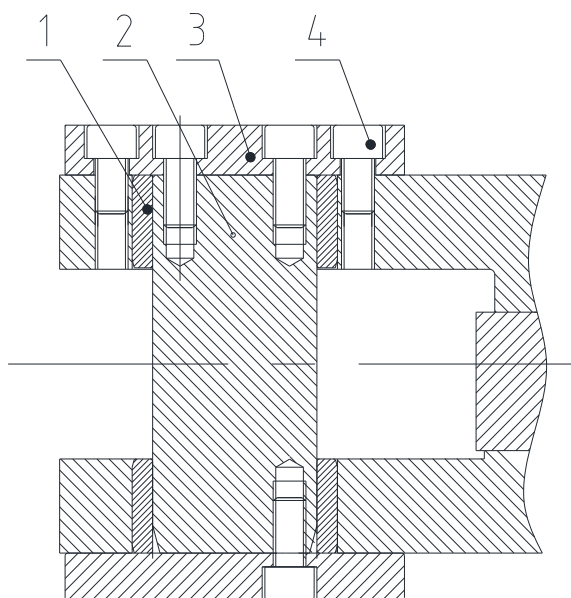
UNDER ASSY.-ARTICULATED CENTER



UNDER ASSY.-ARTICULATED CENTER

NO.	CODE	NAME	Q'TY	REMARK
1	4.03.02.0038	SCREW	4	
2	3.09.01.0619	COVER	1	
3	3.07.06.0028	SEAL	2	
4	3.04.08.0008	BEARING	1	
5	4.03.02.0058	SCREW	12	
6	4.03.02.0074	SCREW	10	
7	3.09.01.0618	SHAFT	1	
8	3.09.01.0620	COVER	2	
9	3.09.02.0553	SHIM	2	
10	4.03.02.0058	SCREW	12	
11	3.09.02.0547	BUSHING	1	
12	3.09.01.0617	LOWER HINGE COVER	1	
13	3.03.28.0092	LUBRICATING POINT STRAIGHT THROUGH JOINT	1	CENTRA LIZED LUBRICA TION CONFIGU RATION
14	3.09.02.1141	LOWER HINGE PIN SLEEVE	1	
15	3.09.02.1142	LOWER HINGE UPPER PIN SLEEVE	1	

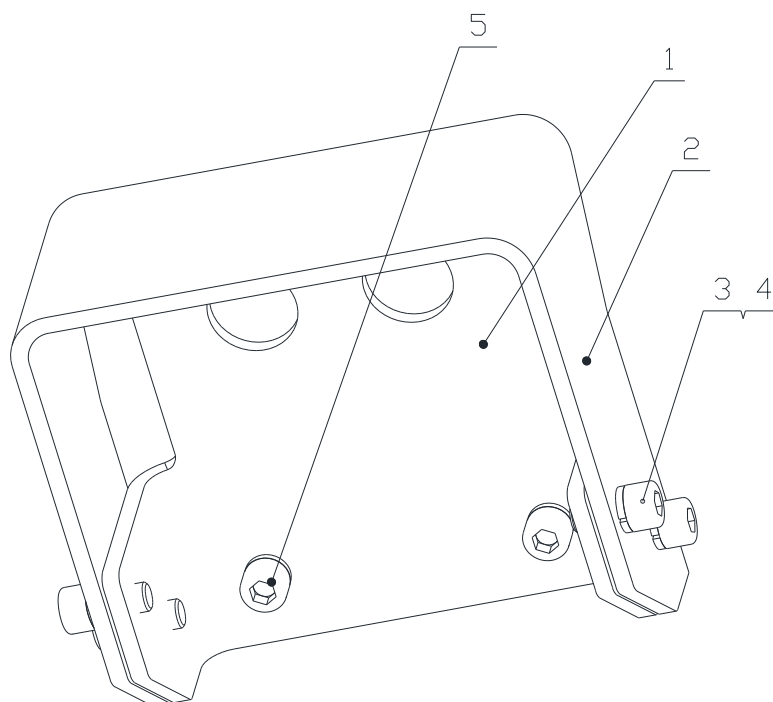
STEERING ASSY.



STEERING ASSY.

NO.	CODE	NAME	Q'TY	REMARK
1	3.09.02.4044	AXLE SLEEVE	4	
2	3.09.01.2167	STEERING PIN SHAFT	2	USED IN THIS CAR
3	3.10.01.2756	STEERING PIN COVER	2	
4	4.03.02.0057	HEXAGON HEAD SCREW	22	

PROXIMITY SWITCH MOUNTING SEAT (2.19.00.0098)

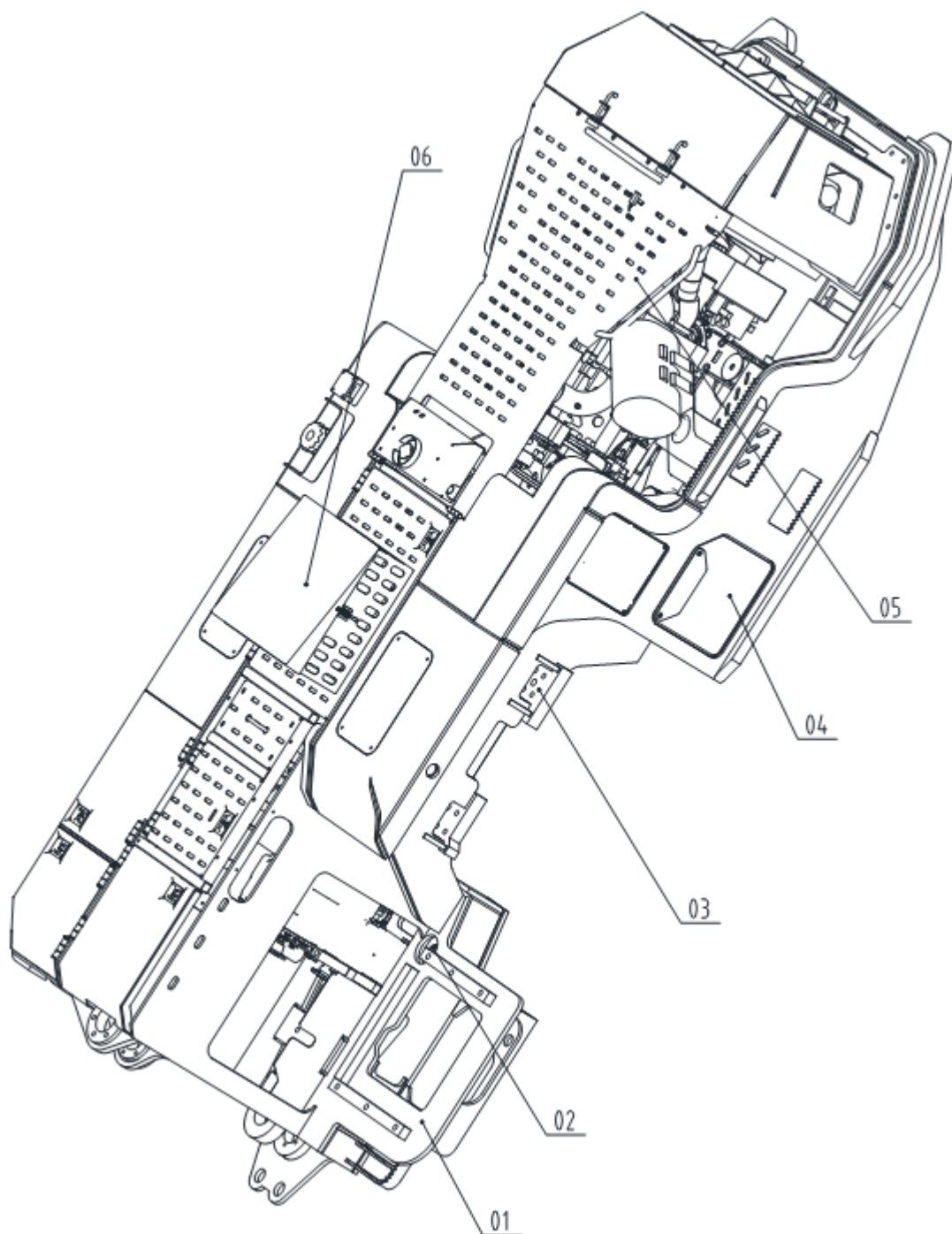


PROXIMITY SWITCH MOUNTING SEAT (2.19.00.0098)

NO.	CODE	NAME	Q'TY	REMARK
1	3.10.06.5477	MOUNTING PLATE	1	
2	3.10.06.5478	SAFETY COVER	1	
3	4.03.02.0038	HEXAGON HEAD SCREW	4	
4	4.06.04.0006	STANDARD SPRING WASHER	4	
5	4.03.02.0039	HEXAGON HEAD SCREW	2	

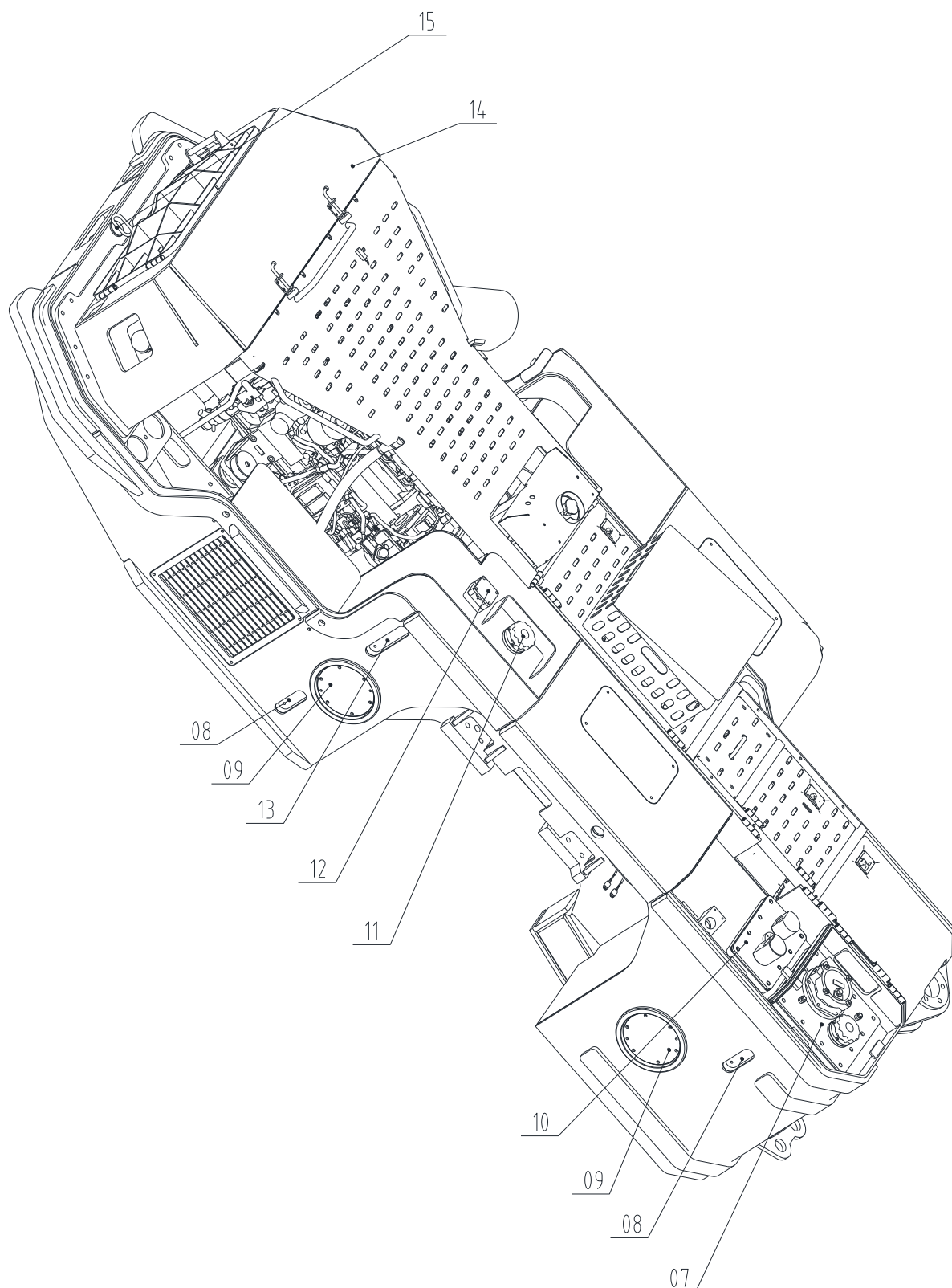
REAR FRAME ASSY.

(2.05.00.0112)



REAR FRAME ASSY.

(2.05.00.0112)



REAR FRAME ASSY.

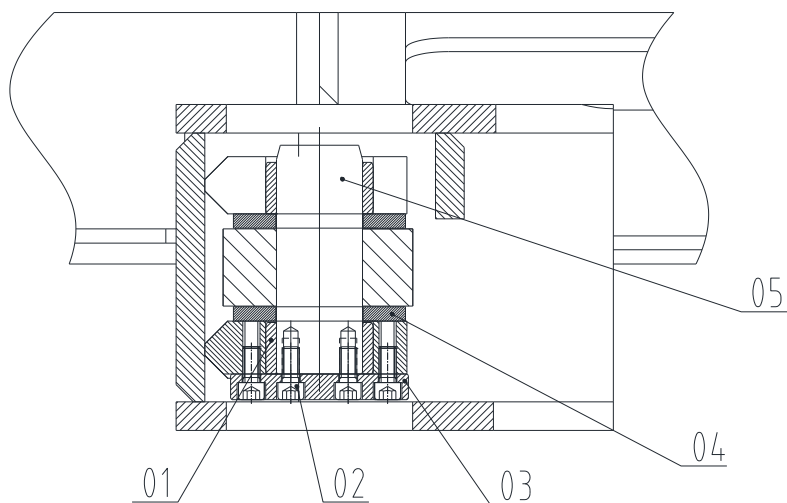
(2.05.00.0112)

NO.	CODE	NAME	Q'TY	REMARK
1	2.05.01.0119	REAR FRAME WELDING	1	
2		REAR FRAME STEERING ASSEMBLY	2	
3		REAR AXLE CONNECTOR	2	
4	2.19.01.2021	BATTERY CASE DRAWER ASSEMBLY	1	
5		BODY COVER PLATE	1	
6		AIR CONDITIONING BOX ASSEMBLY (OPTIONAL)	1	
7	2.07.05.0255	HYDRAULIC RETURN ASSEMBLY	1	
8	3.01.16.0018	CONTENT GAUGE	2	
9		CLEANING CAP ASSEMBLY	3	
10	2.07.05.0256	HYDRAULIC OIL ABSORPTION ASSEMBLY	1	
11	3.08.02.0004	AIR CLEANER	1	
12		DIESEL TANK LIQUID LEVEL SENSOR COVER	1	
13	3.01.16.0020	CONTENT GAGE	1	

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14		REAR FRAME ASSEMBLY	1	
15	2.19.00.0071	TRACTION PIN	1	

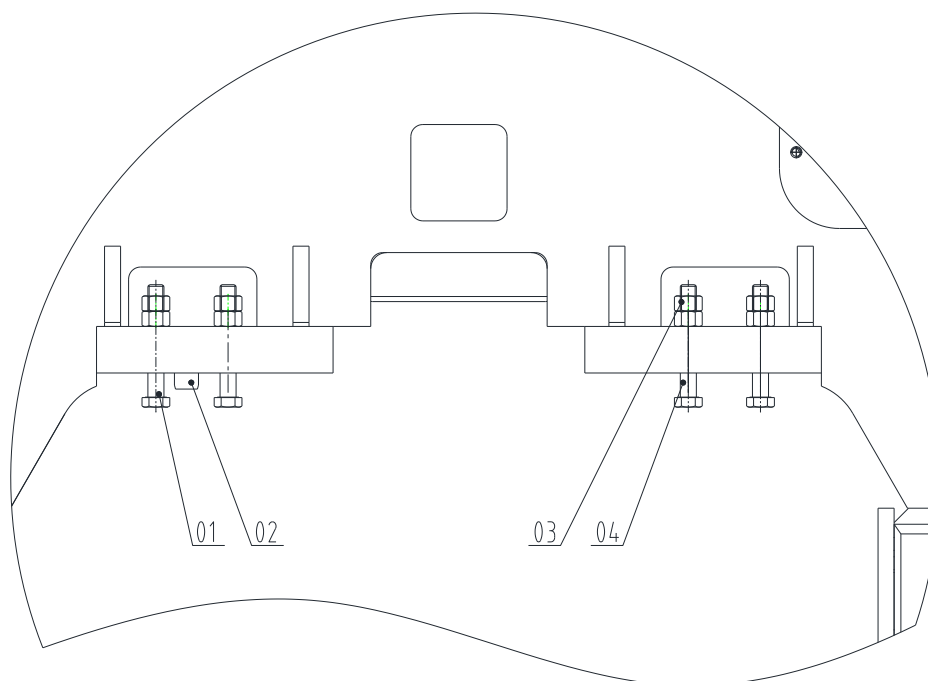
REAR FRAME STEERING ASSEMBLY



REAR FRAME STEERING ASSEMBLY

NO.	CODE	NAME	Q'TY	REMARK
1	3.09.02.1143	STEERING PIN SLEEVE	2	
2	4.03.02.0057	HEXAGON HEAD SCREW	5	
3	3.10.01.2873	STEERING PIN COVER	1	
4	3.10.01.2871	RANGE RING	2	
5	3.09.01.0632	PIN ROLL	1	

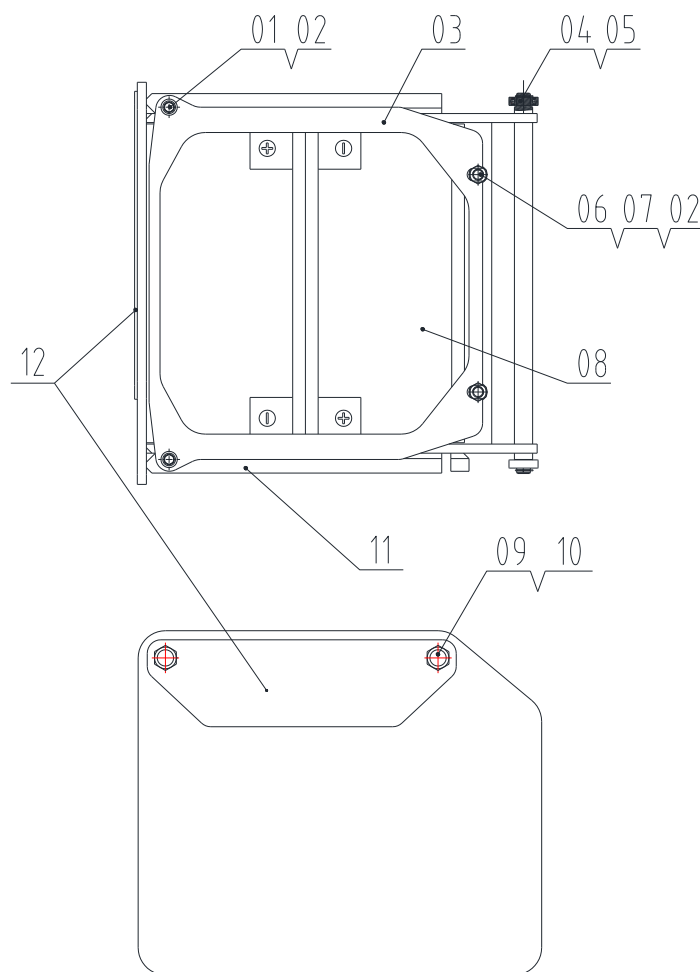
REAR AXLE CONNECTOR



REAR AXLE CONNECTOR

NO.	CODE	NAME	Q'TY	REMARK
1	4.01.01.0150	BOLT	8	
2	3.09.01.0997	LOCATING PIN	2	
3	4.02.01.0023	NUT	32	
4	4.01.01.0157	BOLT	8	

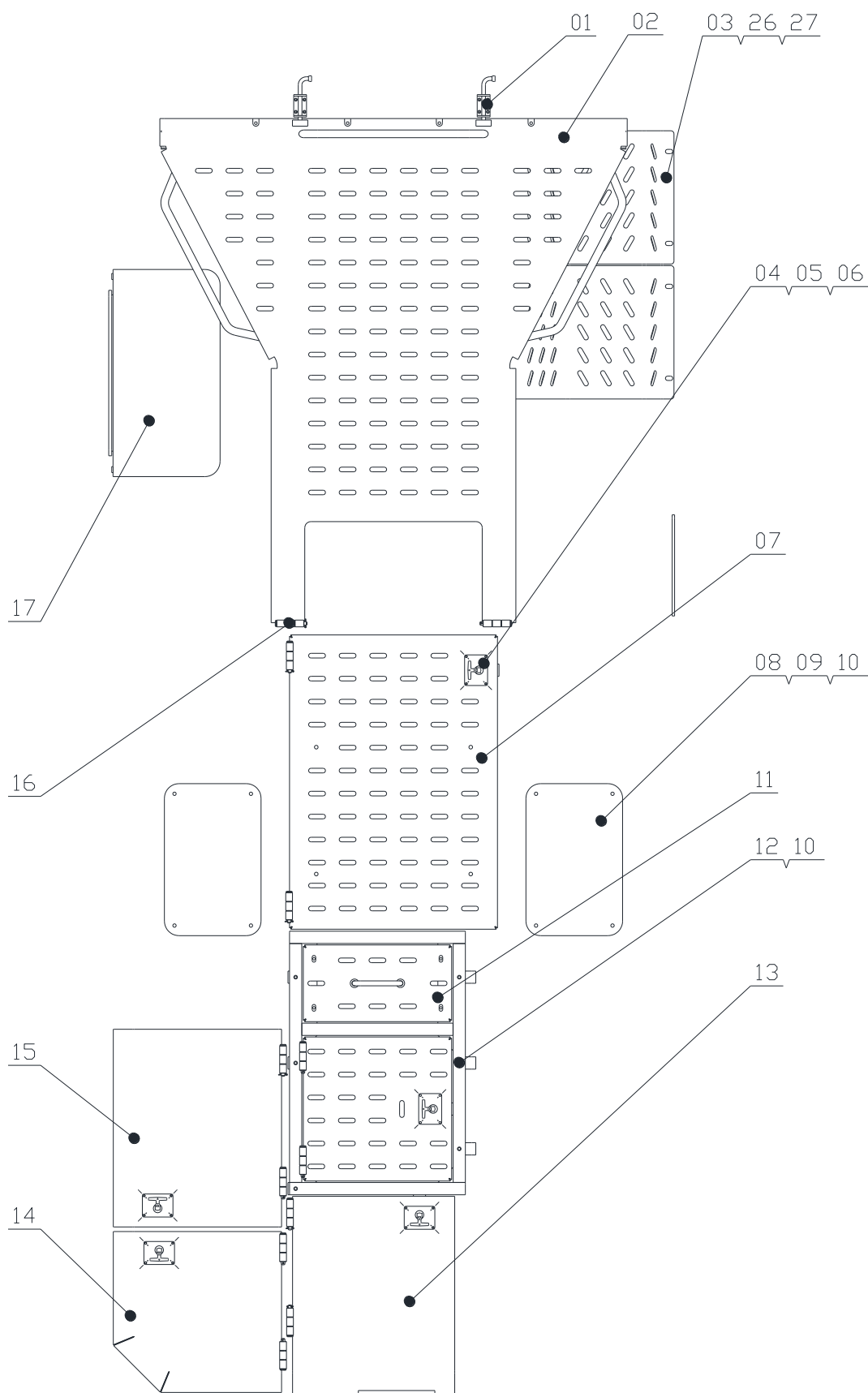
BATTERY CASE DRAWER ASSEMBLY

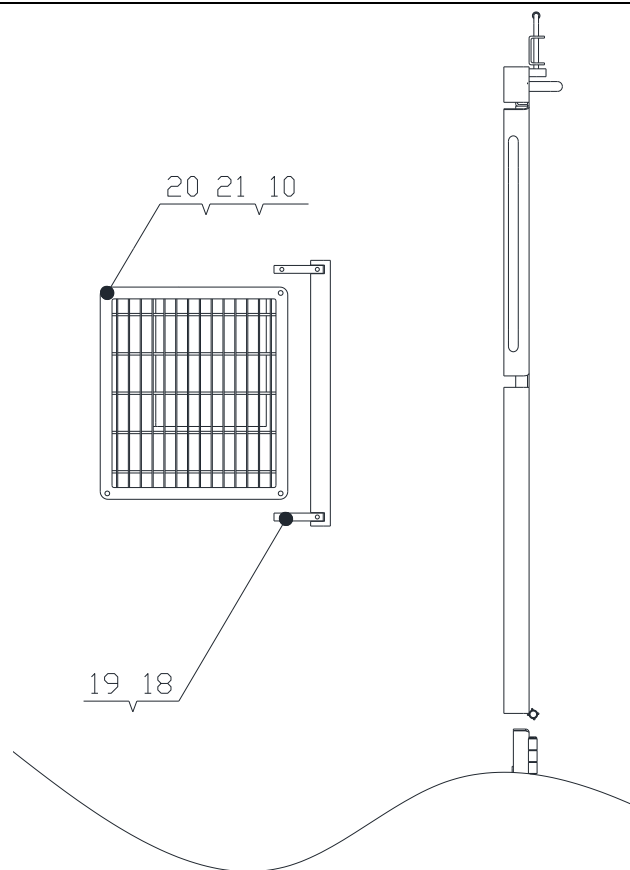


BATTERY CASE DRAWER ASSEMBLY

NO.	CODE	NAME	Q'TY	REMARK
1	4.03.02.0065	NUT BOLT	2	
2	4.06.04.0007	STANDARD SPRING WASHER	4	
3	3.10.06.2493	BATTERY PRESSURE PLATE	1	
4	2.10.01.0026	DEEP GROOVE BALL BEARING	2	
5	4.07.02.0005	SHAFT ELASTIC RING TYPE A	2	
6	3.09.01.2174	STUD	2	
7	4.02.01.0009	NUT	2	
8	4.11.02.0131	BATTERY	2	
9	4.01.02.0039	BOLT	2	
10	3.07.03.0009	WASHER	2	
11	2.19.01.1998	BATTERY BOX DRAWER WELDING	1	
12	3.10.06.2455	BACK PLATE	1	

BODY COVER PLATE



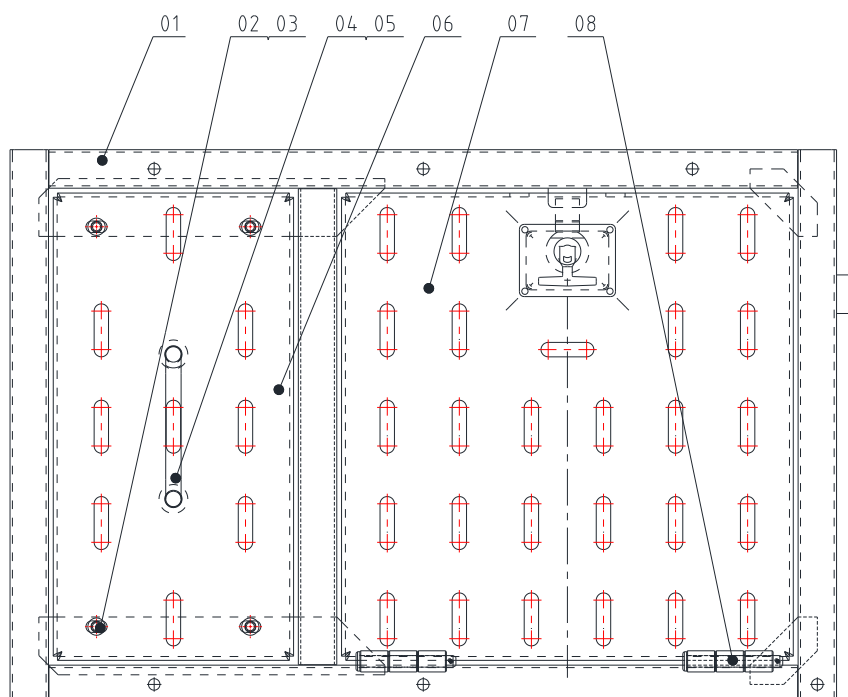


BODY COVER PLATE

NO.	CODE	NAME	Q'TY	REMARK
1	5.03.05.0054	SPRING PLUNGER	4	
2	2.19.01.1994	ENGINE UPPER COVER ASSEMBLY	1	
3	3.10.06.4924	EXHAUST GAS PURIFIER COVER	2	
4	5.04.05.0057	PLANE LOCK BOX	5	
5	4.03.02.0012	HEXAGON HEAD SCREW	20	
6	4.06.04.0004	SPRING WASHER	20	
7	3.10.06.2549	AIR CONDITIONING BOX COVER	1	
8	3.10.01.3891	COVER PLATE	2	
9	4.01.02.0023	BOLT	8	
10	4.06.04.0006	SPRING WASHER	24	
11	2.19.01.2020	GEARBOX UPPER COVER ASSEMBLY	1	

12	4.03.02.0046	NUT BOLT	6	
13	2.19.01.2018	CENTRAL HINGED UPPER COVER ASSEMBLY	1	
14	2.19.01.2013	HYDRAULIC RETURN OIL UPPER CAP ASSEMBLY	1	
15	2.19.01.2015	HYDRAULIC OIL ABSORBENT UPPER CAP ASSEMBLY	1	
16	? ? ?	HINGE	10	
17	2.19.01.2011	SMALL SCATTERED TOP PROTECTIVE BOARD ASSEMBLY	1	
18	4.06.04.0007	SPRING WASHER	4	
19	4.03.02.0057	NUT BOLT	4	
20	2.09.02.0013	SMALL RADIATOR DOOR PLATE	1	
21	4.03.02.0039	NUT BOLT	4	

GEARBOX UPPER COVER ASSEMBLY (2.19.01.2020)

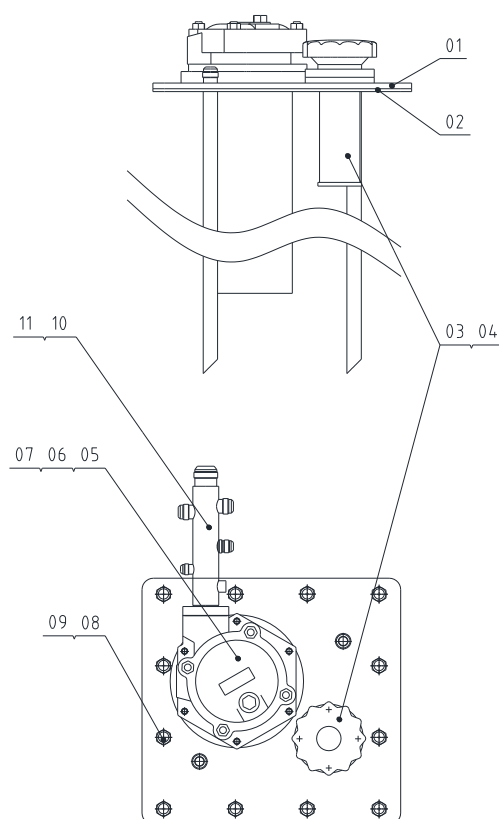


GEARBOX UPPER COVER ASSEMBLY (2.19.01.2020)

NO.	CODE	NAME	Q'TY	REMARK
-----	------	------	------	--------

1	2.19.01.1995	GEARBOX UPPER COVER BEAM	1	
2	4.06.04.0006	SPRING WASHER	4	
3	4.03.02.0046	HEXAGON HEAD SCREW	4	
4	3.09.03.0007	HANDLE	1	
5	4.06.01.0012	FLAT WASHER	2	
6	3.10.06.2459	HAND COVER PLATE	1	
7	3.10.06.2452	GEARBOX UPPER COVER	1	
8		HINGE	2	

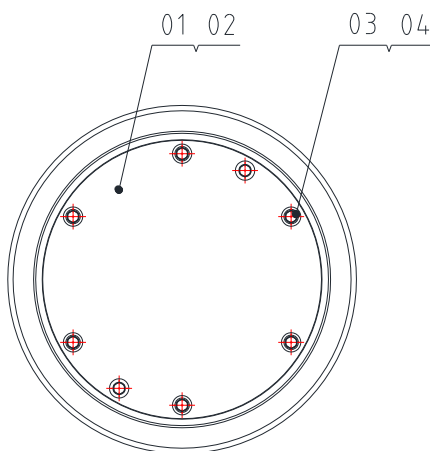
HYDRAULIC RETURN ASSEMBLY (2.07.05.0255)



HYDRAULIC RETURN ASSEMBLY (2.07.05.0255)

NO.	CODE	NAME	Q'TY	REMARK
1	2.19.01.2012	HYDRAULIC RETURN WELDING	1	
2	3.07.03.0302	GLAND	1	
3	3.08.02.0004	AIR FILTER	1	
4		SCREW	4	FILTER HAS
5	3.08.04.0011P	RETURN OIL FILTER	1	
6	4.01.02.0025	BOLT	6	
7	4.06.04.0006	SPRING WASHER	6	
8	4.06.04.0009	SPRING WASHER	12	
9	4.01.02.0039	BOLT	12	
10	2.19.01.2474	RETURN BLOCK ASSEMBLY	1	
11	4.03.02.0059	HEXAGON HEAD SCREW	4	

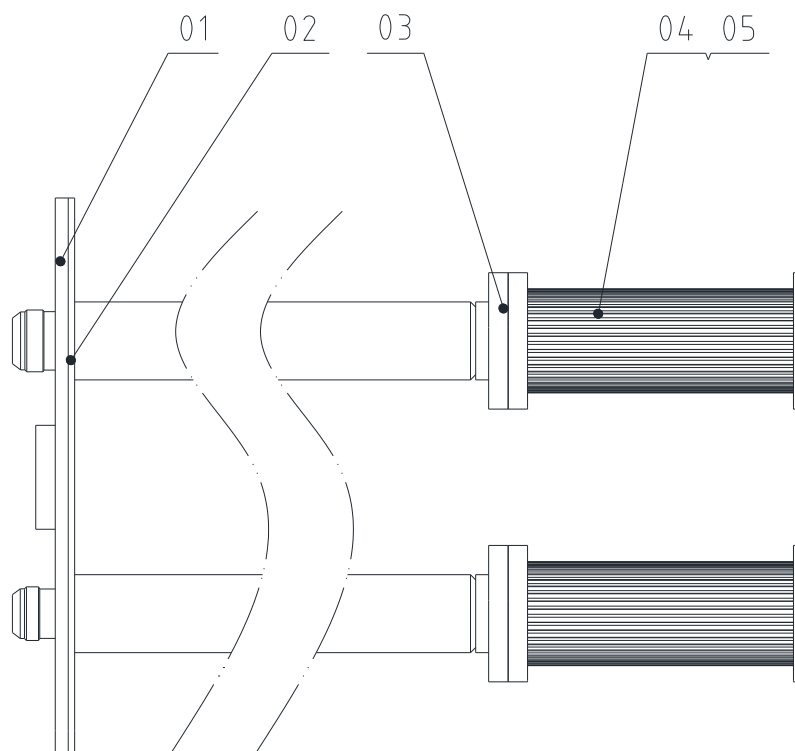
CLEANING CAP ASSEMBLY



CLEANING CAP ASSEMBLY

NO.	CODE	NAME	Q'TY	REMARK
1	3.10.06.2567	CLEANING FLANGE COVER	1	
2	3.07.02.0152	O RING	1	
3	4.06.04.0007	SPRING WASHER	6	
4	4.03.02.0057	HEXAGON HEAD SCREW	6	

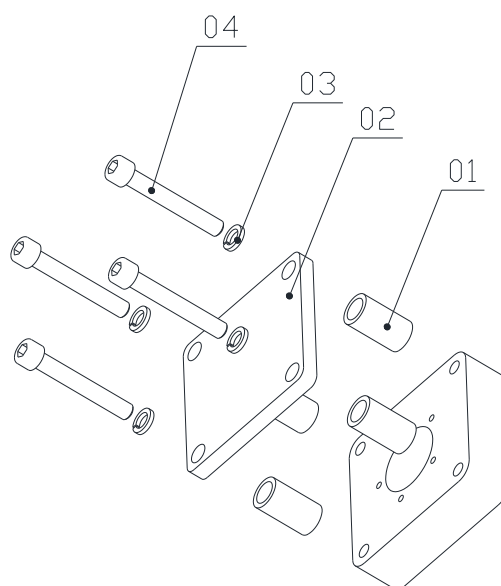
HYDRAULIC OIL ABSORPTION ASSEMBLY (2.07.05.0256)



HYDRAULIC OIL ABSORPTION ASSEMBLY (2.07.05.0256)

NO.	CODE	NAME	Q'TY	REMARK
1	2.19.01.2014	HYDRAULIC OIL ABSORPTION WELDING	1	
2	3.07.03.0301	GLAND	1	
3	3.10.01.2932	CONNECTING PLATE	2	
4	3.08.03.0009	OIL ABSORPTION FILTER	2	
5	4.03.02.0013	HEXAGON HEAD SCREW	8	

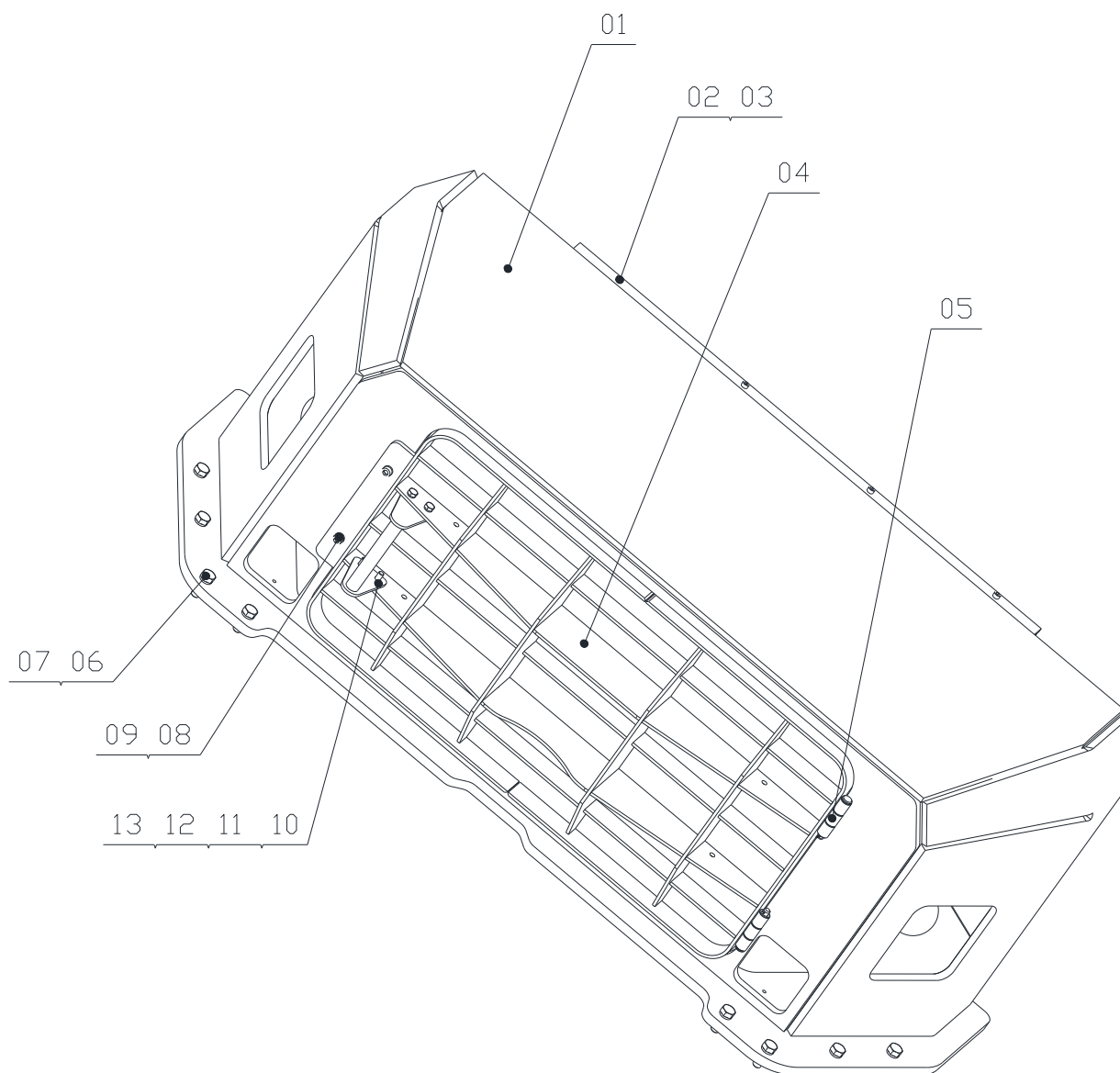
DIESEL TANK LIQUID LEVEL SENSOR COVER



DIESEL TANK LIQUID LEVEL SENSOR COVER

NO.	CODE	NAME	Q'TY	REMARK
1	3.10.06.2681	SUPPORT SLEEVE	4	
2	3.10.06.2488	SENSOR PROTECTION COVER	1	
3	4.06.04.0006	SPRING WASHER	4	
4	4.03.02.0048	SCREW	4	

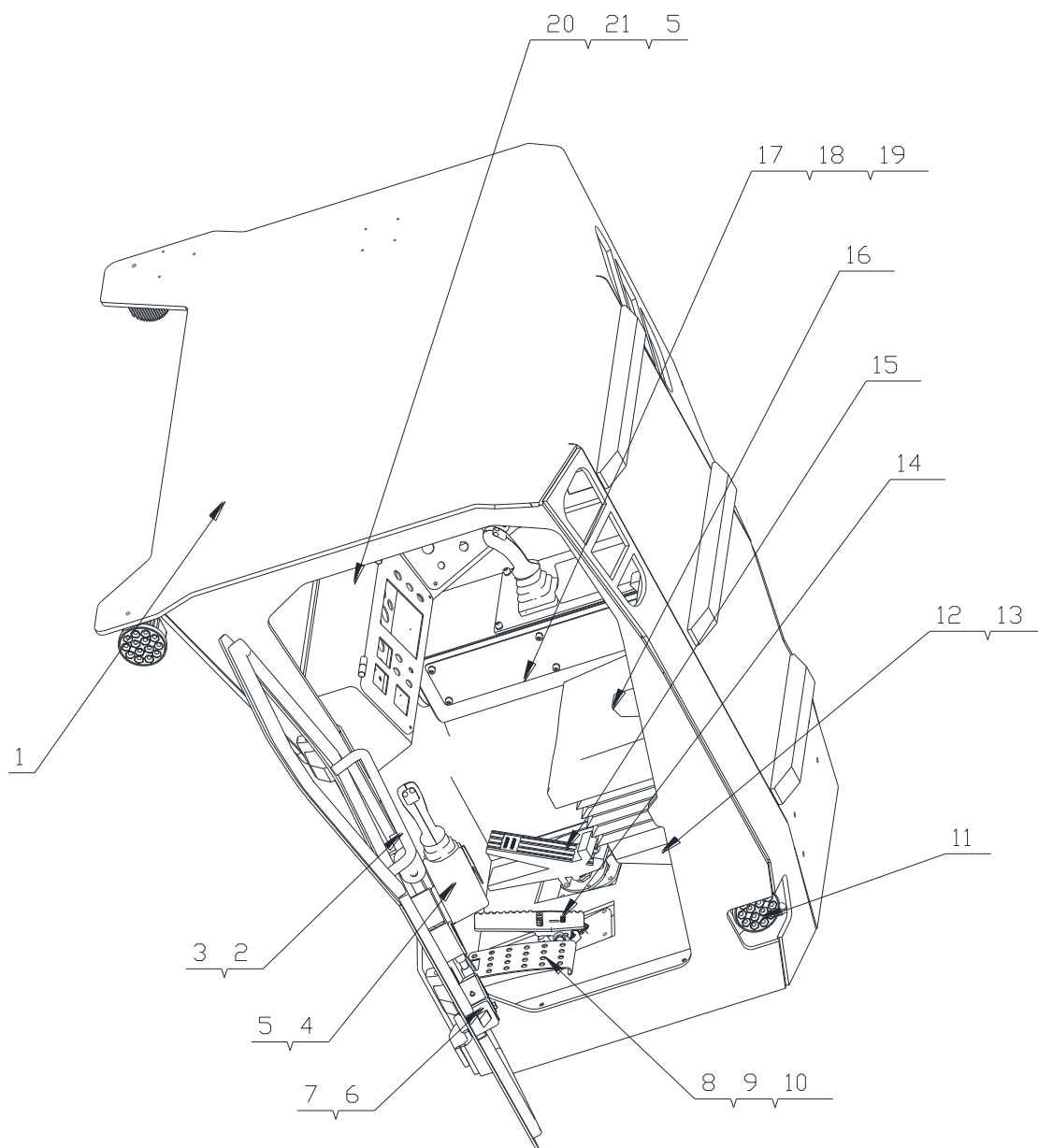
REAR FRAME ASSEMBLY

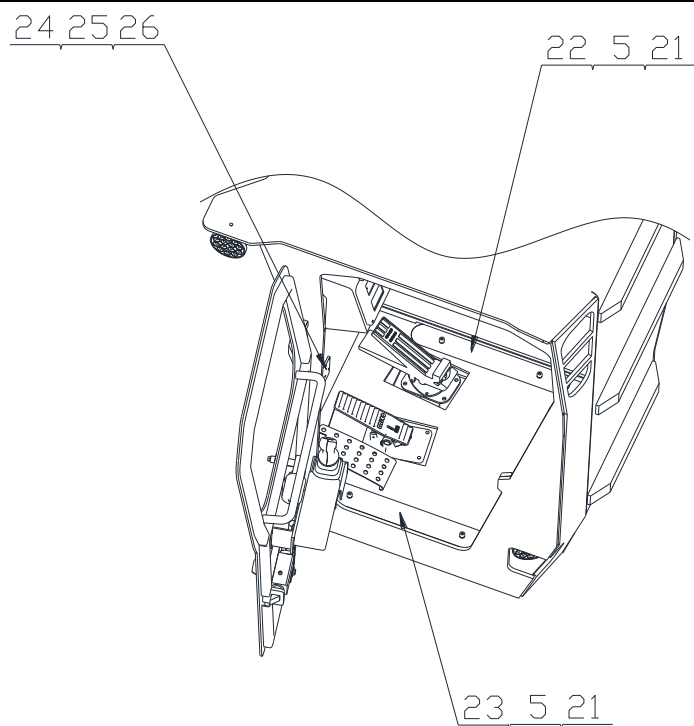


REAR FRAME ASSEMBLY

NO.	CODE	NAME	Q'TY	REMARK
1	2.19.01.2010	TAIL RACK ASSEMBLY	1	
2	4.03.02.0019	HEXAGON HEAD SCREW	4	
3	3.07.04.0088	RUBBER TIE PLATE	1	
4	2.19.01.2004	REAR FRAME DOOR ASSEMBLY	1	
5		HINGE	2	
6	4.06.04.0009	SPRING WASHER	12	
7	4.01.01.0075	BOLT	12	
8	4.03.02.0057	HEXAGON HEAD SCREW	2	
9	4.06.04.0007	SPRING WASHER	2	
10	2.19.01.1497	PROTECTIVE GRATING HANDLE	1	
11	4.01.02.0023	BOLT	4	
12	4.06.04.0006	SPRING WASHER	4	
13	4.02.01.0008	NUT	4	

CLOSED CAB (2.08.00.0060)





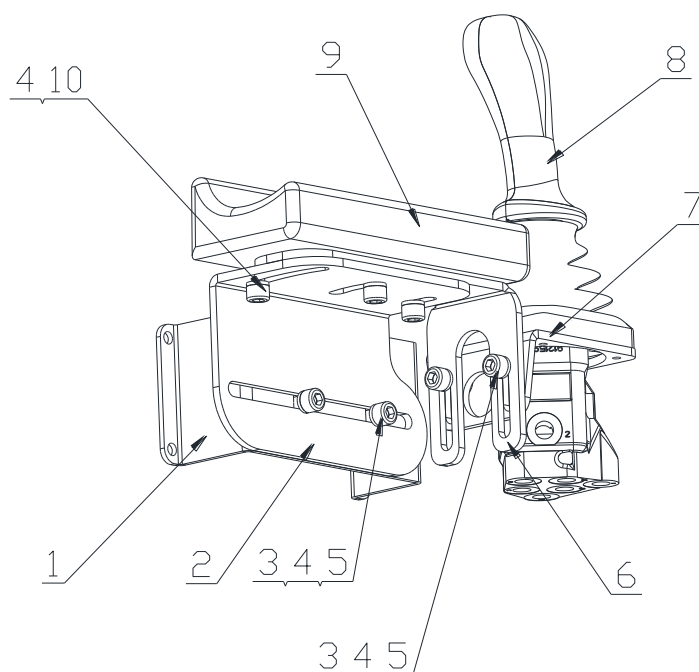
CLOSED CAB (2.08.00.0060)

NO.	CODE	NAME	Q'TY	REMARK
1	2.08.01.0168	OPEN CAB WELDING	1	
2	2.19.01.0977	INTERNAL HANDLE	1	
3	4.01.02.0023	BOLT	2	
4		LEFT-HANDED CONTROL HANDLE ASSEMBLY	1	
5	4.03.02.0038	HEXAGON HEAD SCREW	16	
6	2.19.01.1941	SMALL LOCK	1	
7	4.01.02.0015	BOLT	4	
8	2.19.01.1735	FOOT CUSHION	1	
9	4.03.02.0056	HEXAGON HEAD SCREW	4	
10	4.06.04.0007	STANDARD SPRING WASHER	4	
11		LED HEADLAMP	3	SEE ELECTRICAL SYSTEM
12	2.19.01.2019	SEAT BASE	1	
13	4.03.02.0058	HEXAGON HEAD SCREW	4	
14		FOOT BRAKE VALVE	1	SEE ELECTRICAL SYSTEM
15		ELECTRIC THROTTLE	1	SEE ELECTRICAL SYSTEM
16	3.01.06.0005P	SEAT	1	
17	2.19.01.2432	WORKING HANDLE BOX	1	
18	4.01.02.0039	BOLT	4	
19	4.06.04.0009	STANDARD SPRING WASHER	4	
20	4.11.02.0221	ELECTRIC BOX	1	
21	4.06.04.0006	STANDARD SPRING WASHER	12	
22	3.10.06.2420	BOLT BAFFLE 2	1	
23	3.10.06.2419	BOLT BAFFLE 1	1	
24	3.10.01.7620	STROKE SWITCH SEAT	1	

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25	4.03.02.0018	HEXAGON HEAD SCREW	2	
26	4.06.04.0005	STANDARD SPRING WASHER	2	

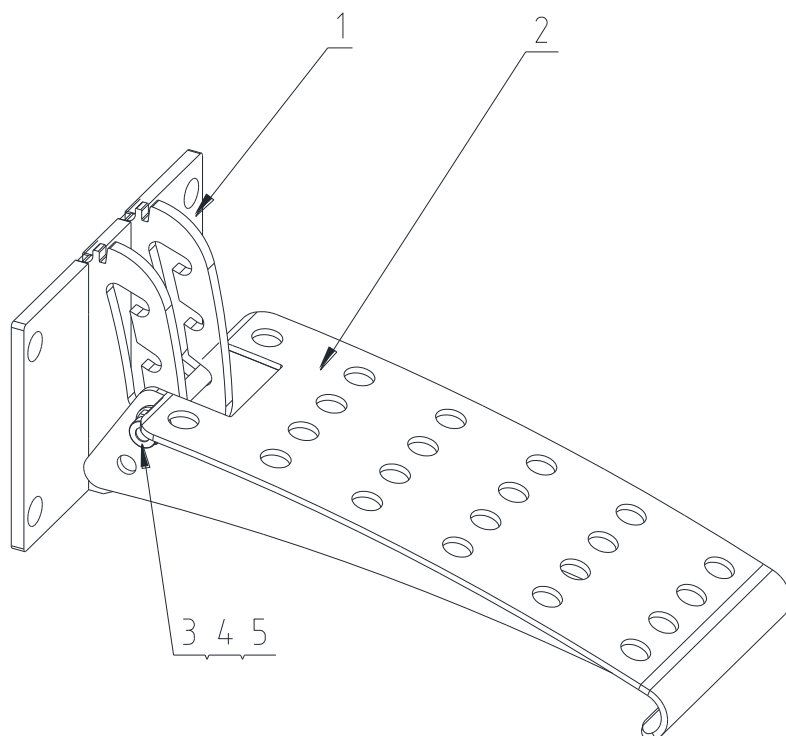
LEFT-HANDED CONTROL HANDLE ASSEMBLY



LEFT-HANDED CONTROL HANDLE ASSEMBLY

NO.	CODE	NAME	Q'TY	REMARK
1	3.10.06.1989	LEFT MOUNTING BOARD	1	
2	3.10.06.0016	SHOE PLATE	1	
3	4.03.02.0039	HEXAGON HEAD SCREW	4	
4	4.06.04.0006	STANDARD SPRING WASHER	7	
5	4.02.01.0007	BOLT	4	
6	3.10.06.0018	CONNECTING BENDING PLATE	1	
7	3.10.06.0019	HANDLE BASE PLATE	1	
8		COMBINED CONTROL HANDLE	1	SEE ELECTRIC AL AND HYDRAUL IC Systems
9	3.07.04.0067	ARM SUPPORT PAD	1	
10	4.03.02.0038	HEXAGON HEAD SCREW	3	

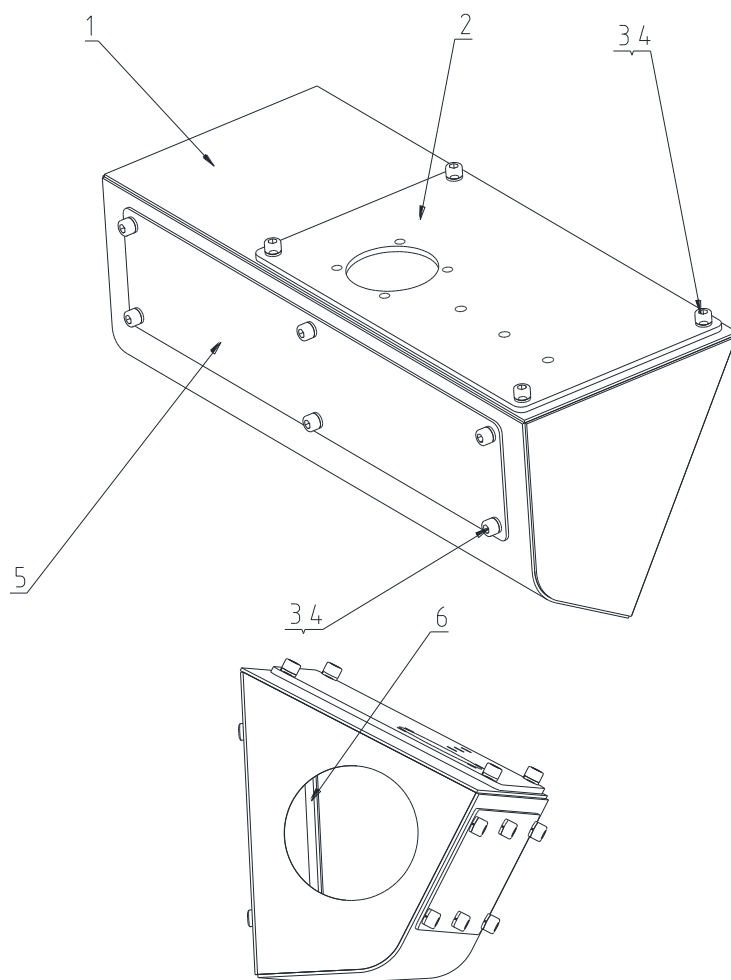
FOOT CUSHION (2.19.01.1735)



FOOT CUSHION (2.19.01.1735)

NO.	CODE	NAME	Q'TY	REMARK
1	2.19.01.1736	FIXED MOUNT	1	
2	2.19.01.1738	BRACKET	1	
3	4.01.01.0015	BOLT	1	
4	4.06.01.0005	FLAT WASHER	2	
5	4.02.05.0004	LOCK NUT	1	

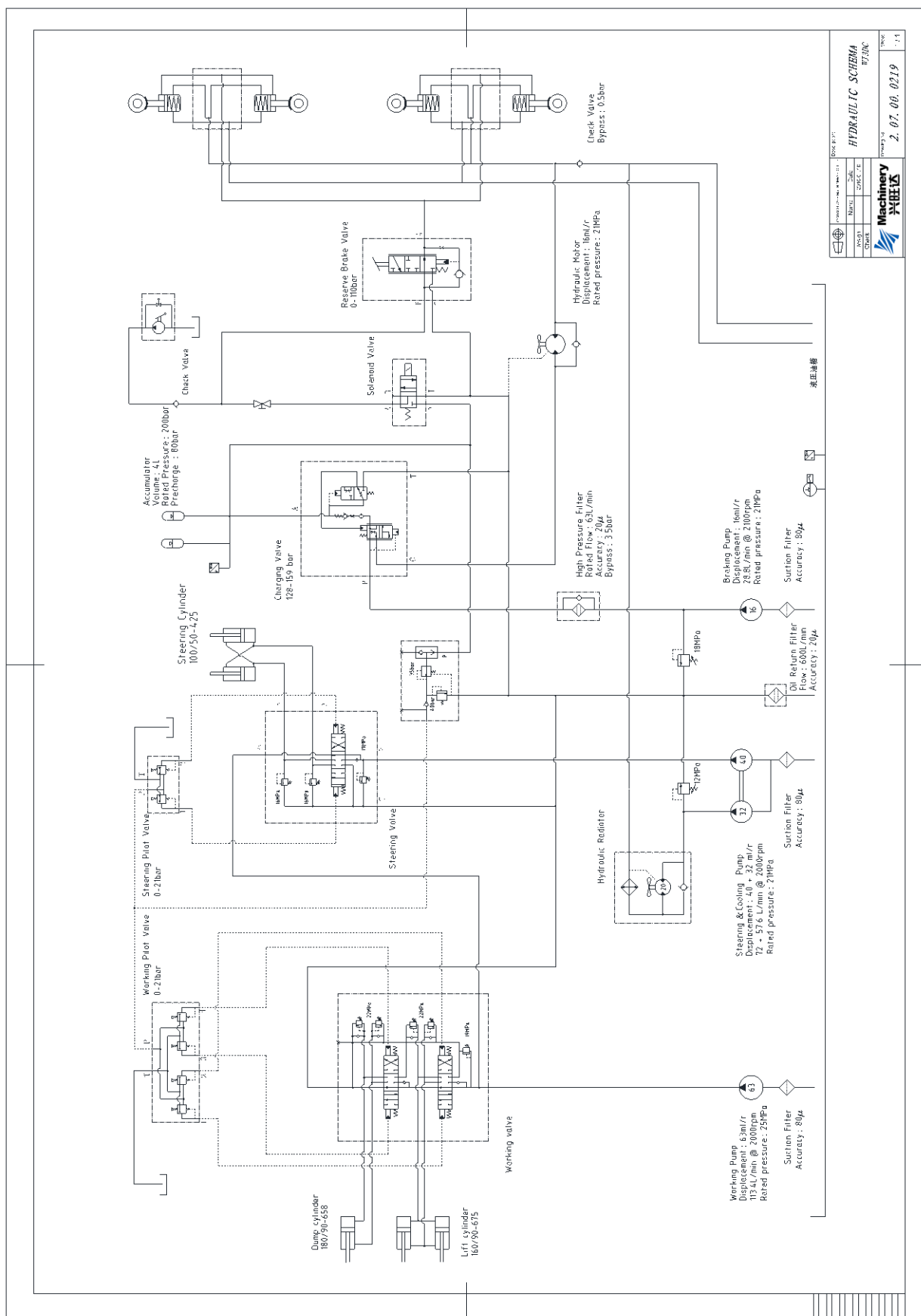
WORKING HANDLE BOX (2.19.01.2432)



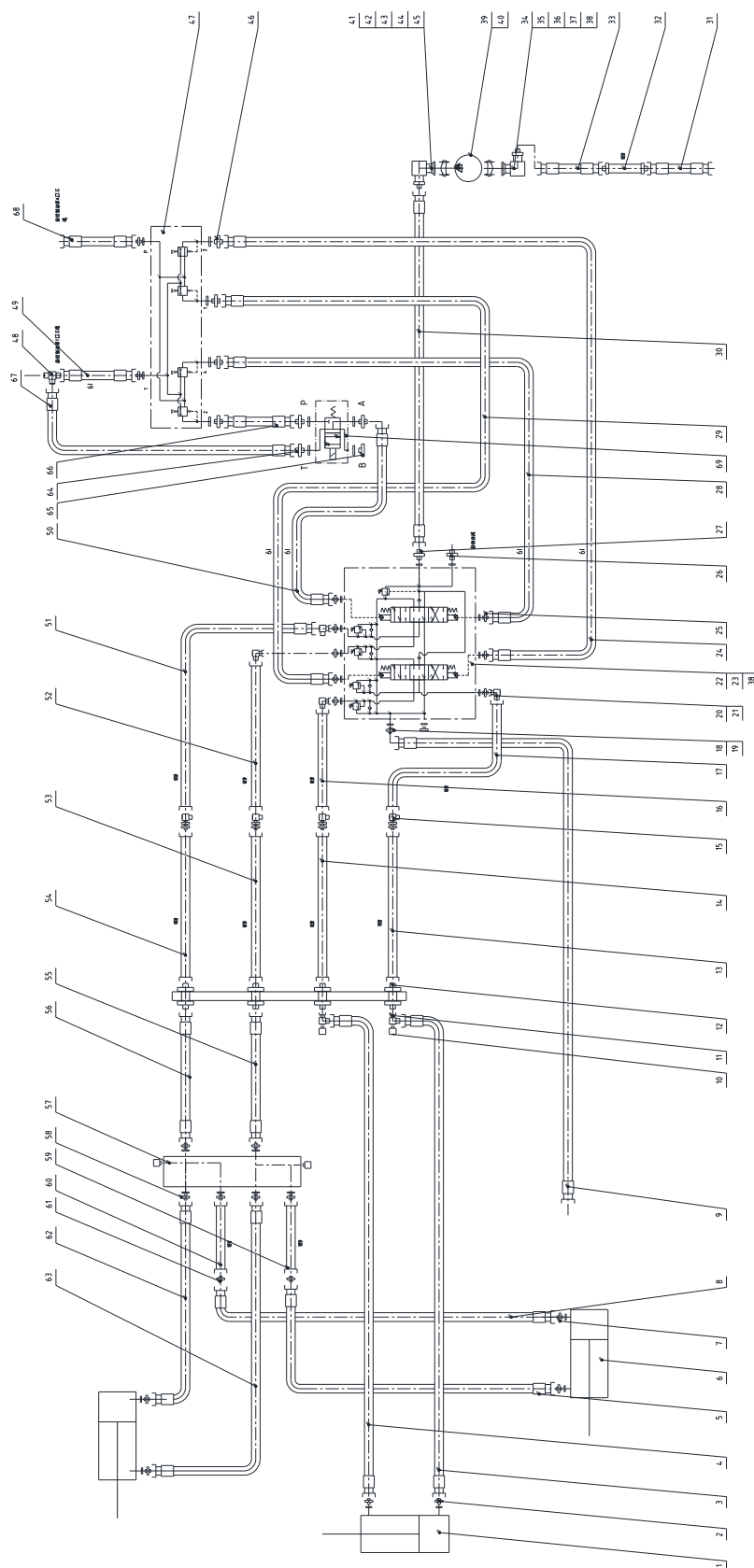
WORKING HANDLE BOX (2.19.01.2432)

NO.	CODE	NAME	Q'TY	REMARK
1	2.19.01.2433	WORKING HANDLE BOX WELDING	1	
2	3.10.06.5530	HANDLE MOUNTING PLATE	1	
3	4.03.02.0038	HEXAGON HEAD SCREW	10	
4	4.06.04.0006	STANDARD SPRING WASHER	10	
5	3.10.06.5531	MAINTENANCE COVER	1	
6	3.10.06.5532	FIXED BAR	2	

HYDRAULIC SYSTEM (2.07.00.0459)



HYDRAULIC SYSTEM (2.07.00.0460)



 WORKING HYDRAULIC SYSTEM (2.07.00.0460)

NO.	CODE	NAME	Q'TY	REMARK
1	2.07.01.0086	BUCKET CYLINDER	1	
2	3.03.28.0072-E	BARREL CONNECTOR	4	
3	2.11.04.3091	HOSE ASSY.	1	
4	2.11.04.3092	HOSE ASSY.	1	
5	2.11.04.3042	HOSE ASSY.	1	
6	2.07.01.0053	LIFT CYLINDER	2	
7	3.03.05.0095-E	BARREL CONNECTOR	4	
8	2.11.04.2764	HOSE ASSY.	1	
9	2.11.04.3112	HOSE ASSY.	1	
10	3.01.16.0013	PRESSURE MEASURING JOINT	4	
11	3.03.12.0009	PRESSURE MEASURING RIGHT ANGLE JOINT	2	
12	3.03.19.0015-E	NEXT-DOOR JOINT	4	
13		STEEL PIPE ASSEMBLY	1	
14		STEEL PIPE ASSEMBLY	1	
15	3.03.19.0022	ADJOINING RIGHT ANGLE JOINT	4	
16		STEEL PIPE ASSEMBLY	1	
17		STEEL PIPE ASSEMBLY	1	
18	3.03.05.0013-E	BARREL CONNECTOR	1	
19	3.03.20.0046	SCREW PLUG	1	
20	3.03.10.0007-E	COMBINED RIGHT-ANGLE JOINT	4	

21	3.03.05.0009-E	BARREL CONNECTOR	4	
22	3.02.10.0008P	MULTIPLE DIRECTIONAL CONTROL VALVE	1	
23	4.01.01.0036	BOLT	3	
24	2.11.04.0415	HOSE ASSY.	1	
25	3.03.05.0028-E	BARREL CONNECTOR	4	
26	3.03.05.0011-E	BARREL CONNECTOR	1	
27	3.03.05.0012-E	BARREL CONNECTOR	1	
28	2.11.04.0469	HOSE ASSY.	1	
29	2.11.04.0415	HOSE ASSY.	1	
30	2.11.04.2898	HOSE ASSY.	1	
31	2.11.04.3095	HOSE ASSY.	1	
32	2.07.05.0261	STEEL PIPE ASSEMBLY	1	
33	2.11.04.2879	HOSE ASSY.	1	
34	3.03.07.0012-E	FLANGED ELBOW	1	
35	3.03.04.0005	CLIP FLANGE	1	
36	3.07.02.0087	O RING	1	
37	4.03.02.0059	HEXAGON SOCKET SCREW	4	
38	4.06.04.0007	SPRING WASHER	7	
39	3.02.01.0027P	WORKING PUMP	1	
40	3.01.01.0025	INCH BOLT	4	
41	3.03.07.0007-E	FLANGED ELBOW	1	
42	3.03.04.0003	CLIP FLANGE	1	

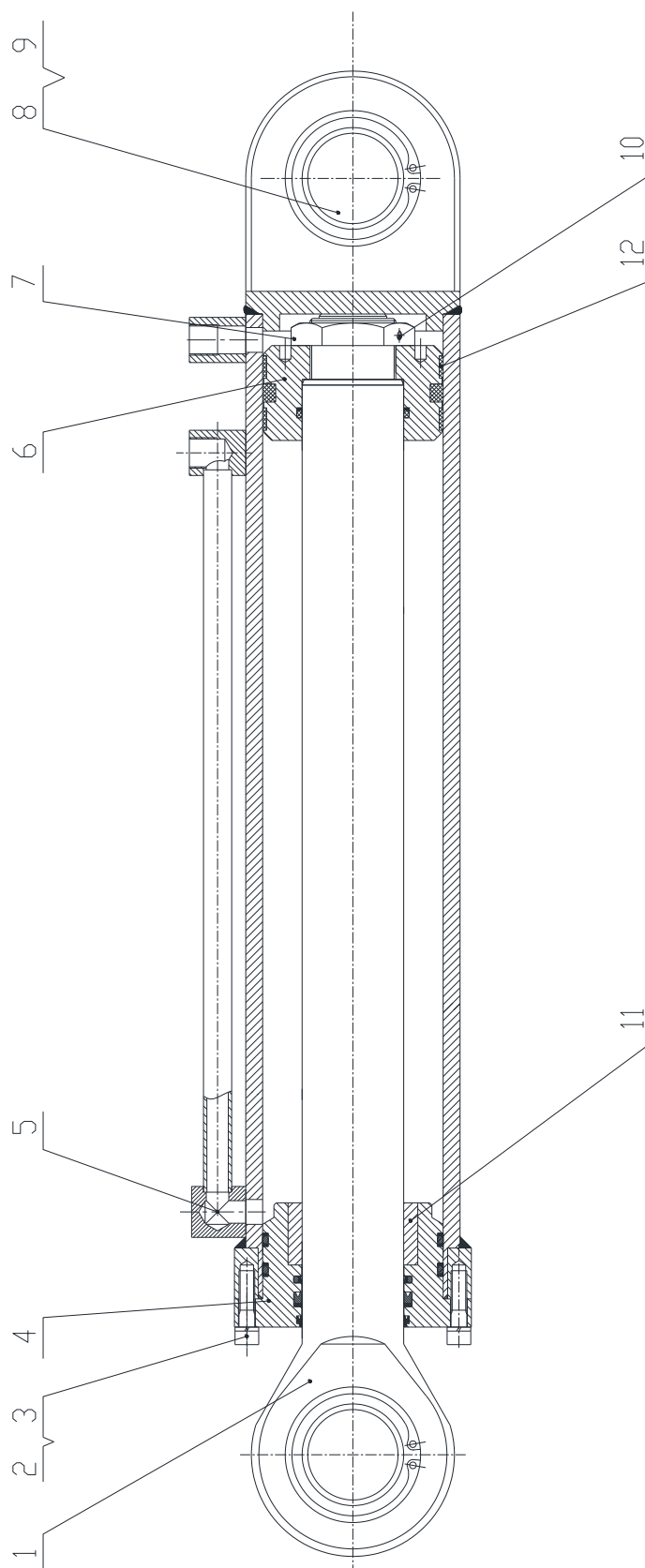
Parts manual WJ-3

43	3.07.02.0066	O RING	1	
44	4.03.02.0040	HEXAGON SOCKET SCREW	4	
45	4.06.04.0006	SPRING WASHER	4	
46	3.03.05.0040-E	BARREL CONNECTOR	6	
47	3.02.03.0004P	WORKING PILOT VALVE	1	
48	3.03.14.0005-E	TEE COUPLING	1	
49	2.11.04.0195	HOSE ASSY.	1	
50	2.11.04.0617	HOSE ASSY.	1	
51		STEEL PIPE ASSEMBLY	1	
52		STEEL PIPE ASSEMBLY	1	
53		STEEL PIPE ASSEMBLY	1	
54		STEEL PIPE ASSEMBLY	1	
55	2.11.04.2934	HOSE ASSY.	1	
56	2.11.04.2934	HOSE ASSY.	1	
57	3.10.06.5318	COMBINED FLOW BLOCK	1	
58	3.03.05.0105-E	BARREL CONNECTOR	4	
59	2.07.05.0267	STEEL PIPE ASSEMBLY	1	
60	2.07.05.0267	STEEL PIPE ASSEMBLY	1	
61	3.03.17.0103	BUTT JOINT	2	
62	2.11.04.3040	HOSE ASSY.	1	
63	2.11.04.3041	HOSE ASSY.	1	
64	3.03.05.0157	BARREL CONNECTOR	3	
65	3.03.20.0037	SCREW PLUG	1	

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66	2.11.04.0410	HOSE ASSY.	1	
67	2.11.04.3322	HOSE ASSY.	1	
68	2.11.04.0478	HOSE ASSY.	1	
69	3.02.16.0013	ELECTROMAGNETIC DIRECTIONAL VALVE	1	

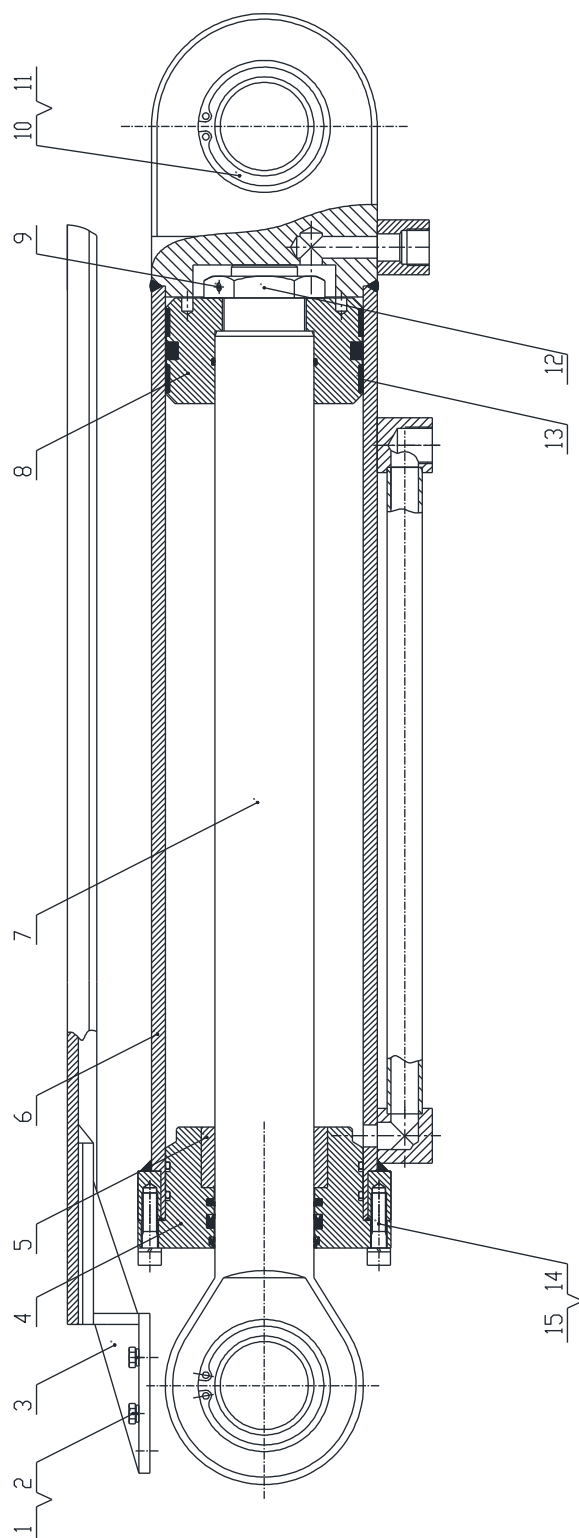
LIFT CYLINDER (2.07.01.0053)



LIFT CYLINDER (2.07.01.0053)

NO.	CODE	NAME	Q'TY	REMARK
1	3.09.01.0578	PISTON ROD	1	
2	4.03.02.0071	SOKET HEAD CAP SCREW	18	
3	4.06.04.0008	SPRING WASHER	18	
4	3.09.01.0655	CYLINDER HEAD	1	
5	2.07.03.0085	CYLINDER WELDING	1	
6	3.09.01.0742	PISTON	1	
7	3.01.02.0035	NUT	1	
8	4.07.01.0037	CIRCLIP FOR HOLE	2	
9	3.04.08.0006	JOINT BEARING	2	
10	4.04.04.0004	INTERNAL HEXAGONAL FASTENING SCREW	1	
11	3.09.02.0670	GUIDE SLEEVE	1	
12	2.13.01.0008	LIFT CYLINDER REPAIR PACKAGE	1	

BUCKET CYLINDER (2.07.01.0086)

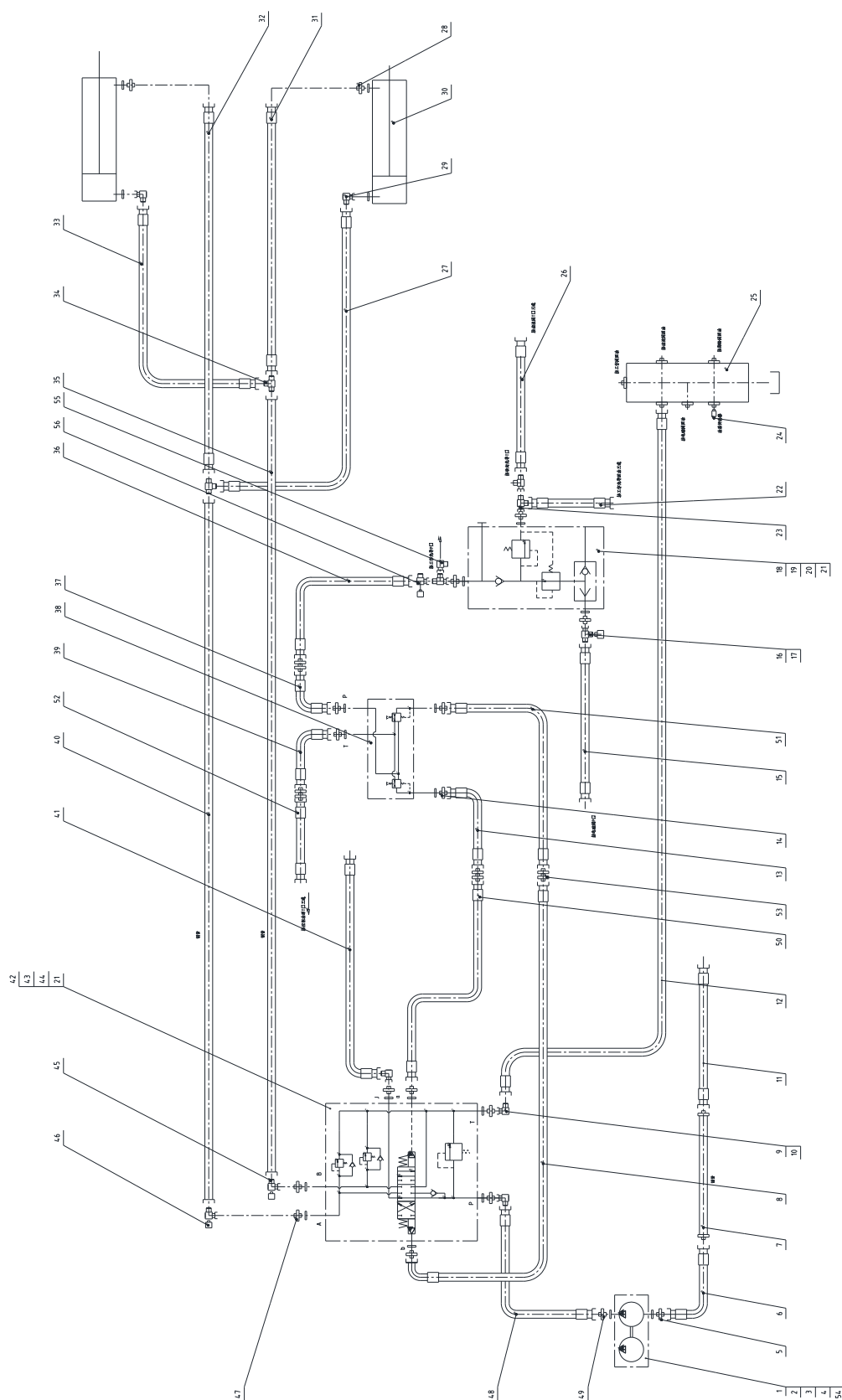


BUCKET CYLINDER (2.07.01.0086)

NO.	CODE	NAME	Q'TY	REMARK
1	4.01.02.0022	BOLT	4	
2	4.06.04.0006	SPRING WASHER	4	
3	2.19.01.0393	SHIELD	1	
4	3.09.01.0651	END CAP	1	
5	3.09.02.0670	GUIDE SLEEVE	1	
6	2.07.03.0084-T	CYLINDER BARREL	1	
7	3.09.01.0944	PISTON ROD	1	
8	3.09.01.0653	PISTON	1	
9	4.04.04.0005	SCREW	1	
10	4.07.01.0037	CIRCLIP	2	
11	3.04.08.0006	SPHERICAL PLAIN BEARING	2	
12	3.01.02.0035	NUT	1	
13	2.13.01.0015	SEAL KITS	1	
14	4.03.02.0071	SCREW	18	
15	4.06.04.0008	SPRING WAHSER	18	

STEERING HYDRAULIC CYLINDER

(2.07.00.0461)



STEERING HYRAULIC CYLINDER

(2.07.00.0461)

NO.	CODE	NAME	Q'TY	REMARK
1	3.02.01.0095P	GEAR PUMP	1	
2	3.09.02.0058	TRANSITION DISK	1	
3	3.09.01.0020	BOLT STUD	6	
4	4.02.02.0002	NUT	6	
5	3.03.05.0013-E	BARREL CONNECTOR	1	
6	2.11.04.3094	HOSE ASSEMBLY	1	
7	XYL7070102	STEEL PIPE ASSEMBLY	1	
8	2.11.04.0410	HOSE ASSEMBLY	1	
9	3.03.05.0053-E	BARREL CONNECTOR	2	
10	3.03.10.0005-E	COMBINED RIGHT-ANGLE JOINT	3	
11	2.11.04.3093	HOSE ASSEMBLY	1	
12	2.11.04.2655	HOSE ASSEMBLY	1	
13	2.11.04.0155	HOSE ASSEMBLY	1	
14	3.03.05.0040-E	BARREL CONNECTOR	9	
15	2.11.04.0165	HOSE ASSEMBLY	1	
16	3.03.21.0002-E2	PRESSURE MEASURING STRAIGHT THROUGH JOINT	1	

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17	3.01.16.0012	PRESSURE MEASURING JOINT	2	
18	2.15.00.0297	CONTROL OIL SOURCE	1	
19	3.10.01.1578	OIL SUPPLY VALVE SEAT	1	
20	4.03.02.0019	BOLT	2	
21	4.06.04.0005	SPRING WASHER	6	
22	2.11.04.0156	HOSE ASSEMBLY	1	
23	3.03.13.0001-E	COMBINED THREE-WAY JOINT	3	
24		OIL TEMPERATURE SENSOR	1	

STEERING HYDRAULIC SYSTEM (2.07.00.0461)

NO.	CODE	NAME	Q'TY	REMARK
25		BACKFLOW BLOCK	1	
26	2.11.04.0020	HOSE ASSEMBLY	1	
27	2.11.04.3000	HOSE ASSEMBLY	1	
28	3.03.05.0087-E	BARREL CONNECTOR	2	
29	3.03.09.0018-E	COMBINED RIGHT-ANGLE JOINT	2	
30	2.07.01.0050	STEERING CYLINDER	1	
31	2.11.04.0448	HOSE ASSEMBLY	1	
32	2.11.04.2749	HOSE ASSEMBLY	1	
33	2.11.04.2999	HOSE ASSEMBLY	1	
34	3.03.14.0010-E	BARREL CONNECTOR	2	
35		STEEL PIPE ASSEMBLY	1	
36	2.11.04.0190	HOSE ASSEMBLY	1	
37	2.11.04.0005	HOSE ASSEMBLY	1	
38	3.02.03.0002P	SINGLE-HOLE HANDLE PILOT VALVE	1	
39	2.11.04.0406	HOSE ASSEMBLY	1	
40		STEEL PIPE ASSEMBLY	1	
41	2.11.04.3039	HOSE ASSEMBLY	1	

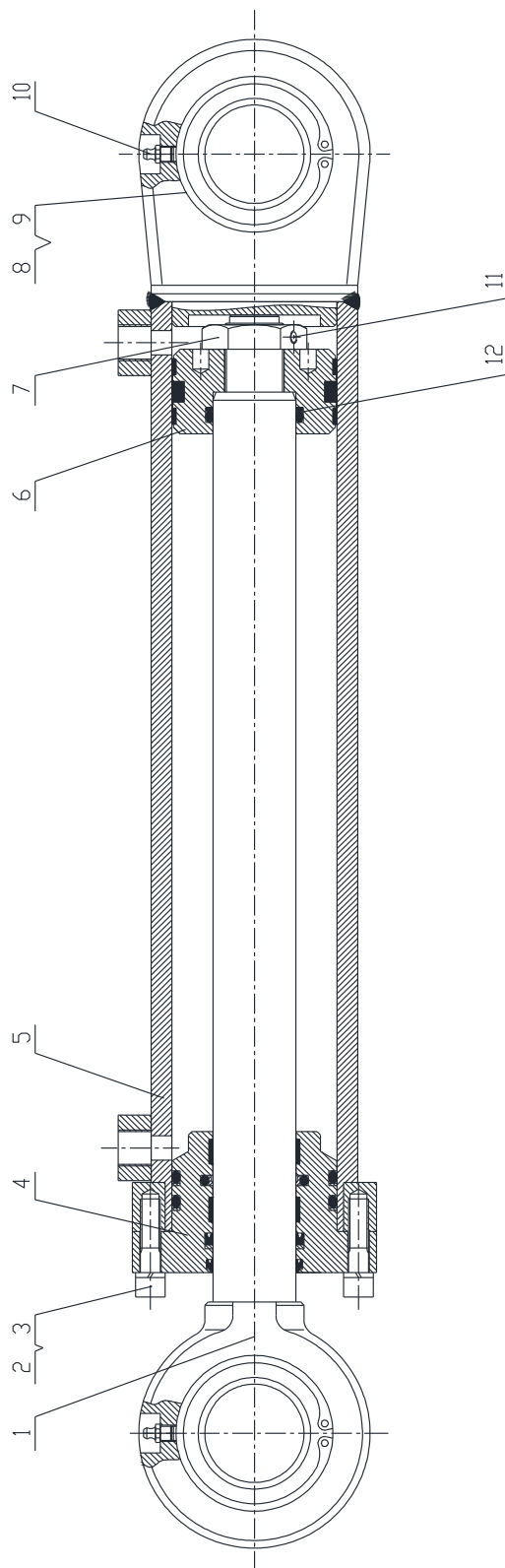
Parts manual WJ-3

42	3.02.10.0036P	MULTIPLE DIRECTIONAL CONTROL VALVE	1	
43	3.10.01.7181	STEERING VALVE FIXING SEAT	1	
44	4.01.02.0017	BOLT	4	
45	3.03.12.0004-E	PRESSURE MEASURING RIGHT ANGLE JOINT	2	
46	3.01.16.0013	PRESSURE MEASURING JOINT	1	
47	3.03.05.0038-E	BARREL CONNECTOR	3	
48	2.11.04.2908	HOSE ASSEMBLY	1	

STEERING HYDRAULIC SYSTEM (2.07.00.0461)

NO.	CODE	NAME	Q'TY	REMARK
49	3.03.09.0002-E	ADJUSTING RIGHT ANGLE JOINT	1	
50	2.11.04.0426	HOSE ASSEMBLY	1	
51	2.11.04.2821	HOSE ASSEMBLY	1	
52	2.11.04.3323	HOSE ASSEMBLY	1	
53	3.03.19.0006-E	NEXT-DOOR JOINT	4	
54	3.07.03.0043	PUMP CAP PAD	1	
55	3.03.10.0002-E	COMBINED RIGHT-ANGLE JOINT	1	
56	3.03.12.0002-E	PRESSURE MEASURING RIGHT ANGLE JOINT	1	

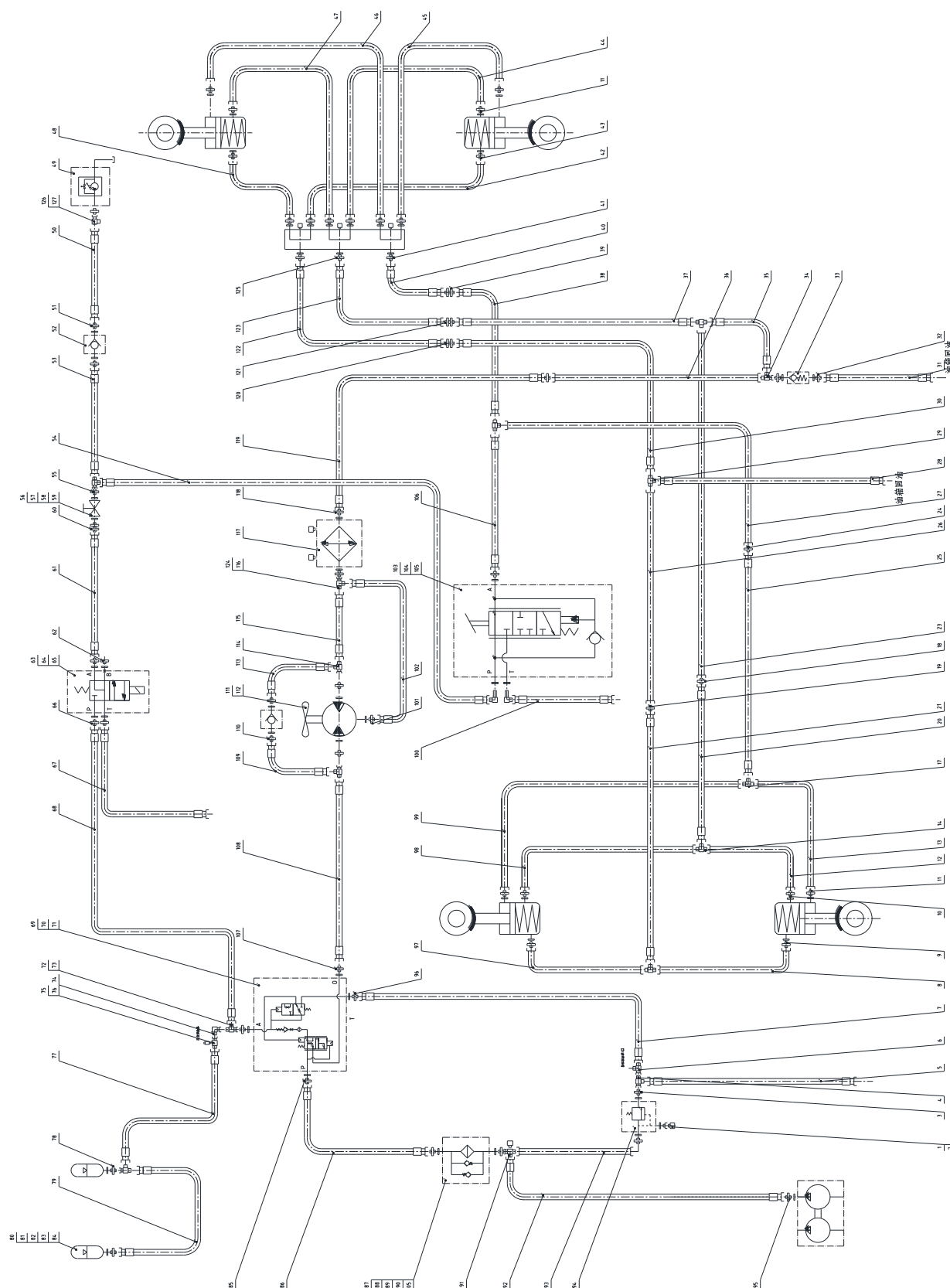
STEERING CYLINDER (2.07.01.0050)



STEERING CYLINDER (2.07.01.0050)

NO.	CODE	NAME	Q'TY	REMARK
1	3.09.01.0610	PISTON ROD	1	
2	4.03.02.0062	SCREW	12	
3	4.06.04.0007	SPRING WASHER	12	
4	3.09.01.0611	END CAP	1	
5	2.07.03.0102	CYLINDER BARREL	1	
6	3.09.01.0612	PISTON	1	
7	3.01.02.0036	NUT	1	
8	4.07.01.0031	CIRCLIP	2	
9	3.04.08.0004	SPHERICAL PLAIN BEARING	2	
10	4.13.02.0003	GREASE FITTING	2	
11	4.04.04.0005	SCREW	1	
12	2.13.01.0009	SEAL KITS	1	

BRAKE HYDRAULIC SYSTEM (2.07.00.0462)



BRAKE HYDRAULIC SYSTEM (2.07.00.0462)

NO.	CODE	NAME	Q'TY	REMARK
1	3.03.20.0005	SCREW PLUG	1	
2	3.01.16.0013	PRESSURE MEASURING JOINT	7	
3	3.03.05.0038-E	BARREL CONNECTOR	2	
4	3.03.13.0014-E	COMBINED THREE-WAY JOINT	2	
5	2.11.04.1840	HOSE ASSEMBLY	1	
6	3.03.13.0001-E	COMBINED THREE-WAY JOINT	1	
7	2.11.04.0030	HOSE ASSEMBLY	1	
8		STEEL PIPE ASSEMBLY	1	
9	3.03.05.0105-E	BARREL CONNECTOR	4	
10	3.03.05.0077-E	BARREL CONNECTOR	2	
11	3.03.05.0074-E	BARREL CONNECTOR	6	
12		STEEL PIPE ASSEMBLY	1	
13		STEEL PIPE ASSEMBLY	1	
14	3.03.14.0004-E	THREE-WAY JOINT	3	
17	3.03.14.0008-E	THREE-WAY JOINT	1	
18	3.03.17.0102	BUTT JOINT	1	
19	3.03.17.0103	BUTT JOINT	2	
20	2.11.04.0464	HOSE ASSEMBLY	1	
21	2.11.04.0385	HOSE ASSEMBLY	1	
23	2.07.05.0264	STEEL PIPE ASSEMBLY	1	

24	3.03.17.0101	BUTT JOINT	1	
25	2.11.04.2298	HOSE ASSEMBLY	1	
26	2.07.05.0265	STEEL PIPE ASSEMBLY	1	
27	2.07.05.0266	STEEL PIPE ASSEMBLY	1	
28	2.11.04.2313	HOSE ASSEMBLY	1	
29	3.03.14.0012-E	THREE-WAY JOINT	2	
30	2.11.04.2925	HOSE ASSEMBLY	1	
31	2.11.04.3013	HOSE ASSEMBLY	1	
32	3.03.05.0047-E	BARREL CONNECTOR	2	
33	3.02.02.0020	RETAINING VALVE	1	
34	3.03.13.0040	COMBINED THREE-WAY JOINT	1	
35	2.11.04.3036	HOSE ASSEMBLY	1	
36	2.07.05.0263	STEEL PIPE ASSEMBLY	1	
37	2.11.04.3037	HOSE ASSEMBLY	1	
38	2.11.04.0366	HOSE ASSEMBLY	1	
39	3.03.19.0009-E	NEXT-DOOR JOINT	1	
40	2.11.04.3341	HOSE ASSEMBLY	1	
41	3.03.05.0081-E	BARREL CONNECTOR	5	
42		STEEL PIPE ASSEMBLY	1	
43	3.03.05.0103-E	BARREL CONNECTOR	2	
44		STEEL PIPE ASSEMBLY	1	
45		STEEL PIPE ASSEMBLY	1	
46		STEEL PIPE ASSEMBLY	1	

47		STEEL PIPE ASSEMBLY	1	
48		STEEL PIPE ASSEMBLY	1	
49	3.02.01.0033P	MANUAL PUMP	1	
50	2.11.04.2535	HOSE ASSEMBLY	1	
51	3.03.05.0034-E	BARREL CONNECTOR	2	

BRAKE HYDRAULIC SYSTEM (2.07.00.0462)

NO.	CODE	NAME	Q'TY	REMARK
52	3.02.02.0017	RETAINING VALVE	2	
53	2.11.04.3261	HOSE ASSEMBLY	1	
54	2.11.04.2212	HOSE ASSEMBLY	1	
55	3.03.05.0080-E	BARREL CONNECTOR	1	
56	3.02.02.0012	BALL VALVE	1	
57	3.10.01.2679	BALL VALVE CONNECTION PLATE	1	
58	4.03.02.0009	BOLT	2	
59	4.06.04.0004	SPRING WASHER	2	
60	3.03.19.0021	NEXT-DOOR JOINT	1	
61	2.11.04.3090	HOSE ASSEMBLY	1	
62	3.03.20.0003	SCREW PLUG	1	
63	3.02.16.0004	ELECTROMAGNETIC DIRECTIONAL VALVE	1	
64	3.10.01.2684	BASEBOARD	1	
65	3.10.06.5372	CONNECTING PLATE	1	
66	3.03.05.0036-E	BARREL CONNECTOR	3	
67	2.11.04.3110	HOSE ASSEMBLY	1	
68	2.11.04.2914	HOSE ASSEMBLY	1	
69	3.02.06.0003P	PREFILL VALVE	1	
70	3.10.01.2672	LIQUID-FILLED VALVE BOTTOM	1	

71	3.01.01.0011	INCH BOLT	3	
72	3.03.05.0019-E	BARREL CONNECTOR	4	
73	3.03.13.0006-E	COMBINED THREE-WAY JOINT	3	
74	3.03.10.0022	COMBINED RIGHT-ANGLE JOINT	1	

BRAKE HYDRAULIC SYSTEM (2.07.00.0462)

NO.	CODE	NAME	Q'TY	REMARK
75	3.03.21.0018	PRESSURE MEASURING STRAIGHT THROUGH JOINT	1	
76		PRESSURE SENSOR	1	
77	2.11.04.2913	HOSE ASSEMBLY	1	
78	3.03.05.0106-E	BARREL CONNECTOR	2	
79	2.11.04.3035	HOSE ASSEMBLY	1	
80	3.02.08.0007P	ACCUMULATOR	2	
81	3.10.01.8999	ACCUMULATOR MOUNTING BLOCK	2	
82	3.09.01.1142	STUD	1	
83	4.02.01.0014	NUT	2	
84	4.06.04.0009	SPRING WASHER	2	
85	3.03.05.0004-E	BARREL CONNECTOR	1	
86	2.11.04.2927	HOSE ASSEMBLY	1	
87	3.08.06.0002	HIGH PRESSURE FILTER	1	
88	3.10.01.9330	CONNECTING PLATE	1	
89	3.09.02.0544	COVER	4	
90	4.03.02.0050	HEXAGON SOCKET SCREW	4	

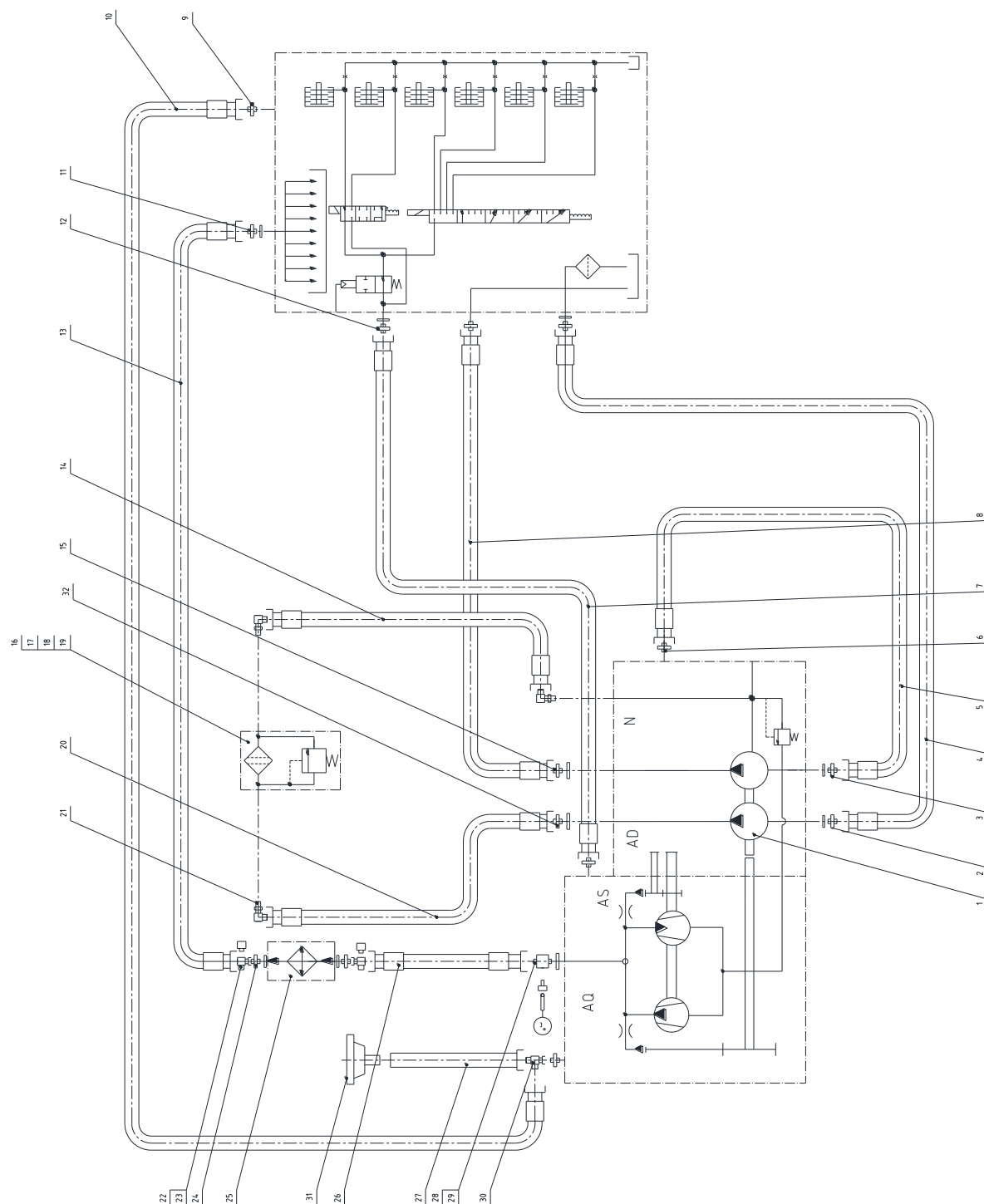
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91	3.03.16.0004-E	PRESSURE MEASURING THREE-WAY JOINT	1	
92	2.11.04.2926	HOSE ASSEMBLY	1	
93		STEEL PIPE ASSEMBLY	1	
94	3.02.04.0002	OVERFLOW VALVE	1	
95	3.03.09.0002-E	ADJUSTING RIGHT ANGLE JOINT	1	
96	3.03.05.0018-E	BARREL CONNECTOR	1	
97		STEEL PIPE ASSEMBLY	1	
98		STEEL PIPE ASSEMBLY	1	
99		STEEL PIPE ASSEMBLY	1	
100	2.11.04.3111	HOSE ASSEMBLY	1	
101	3.03.05.0067-E	BARREL CONNECTOR	1	
102	2.11.04.2538	HOSE ASSEMBLY	1	
103	3.02.05.0002P	REVERSE FOOT BRAKE VALVE	1	
104	4.03.02.0040	BOLT	4	
105	4.06.04.0006	SPRING WASHER	8	
106	2.11.04.2803	HOSE ASSEMBLY	1	
107	3.03.05.0003-E	BARREL CONNECTOR	1	
108	2.11.04.2889	HOSE ASSEMBLY	1	
109	2.11.04.3038	HOSE ASSEMBLY	1	
110	3.03.05.0037-E	BARREL CONNECTOR	4	
111	3.02.01.0109P	MOTOR	1	
112	3.01.09.0020	FAN BLADE	1	
113	2.11.04.3038	HOSE ASSEMBLY	1	

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114	3.03.13.0010-E	COMBINED THREE-WAY JOINT		2	
115	2.11.04.0293	HOSE ASSEMBLY		1	
116	3.03.13.0009-E	COMBINED THREE-WAY JOINT		1	
117	3.01.07.0026P	RADIATOR		1	
118	3.03.05.0095-E	BARREL CONNECTOR		2	
119	2.11.04.2924	HOSE ASSEMBLY		1	
120	3.03.19.0013-E	NEXT-DOOR JOINT		1	
121	3.03.19.0010-E	NEXT-DOOR JOINT		1	
122	2.11.04.3343	HOSE ASSEMBLY		1	
123	2.11.04.3342	1			
124	3.03.05.0163	1			
125	3.03.05.0087-E	3			
126	3.03.05.0157	1			
127	3.03.10.0002-E	1			

OIL FILLING HYDRAULIC SYSTEM (2.07.00.0463)

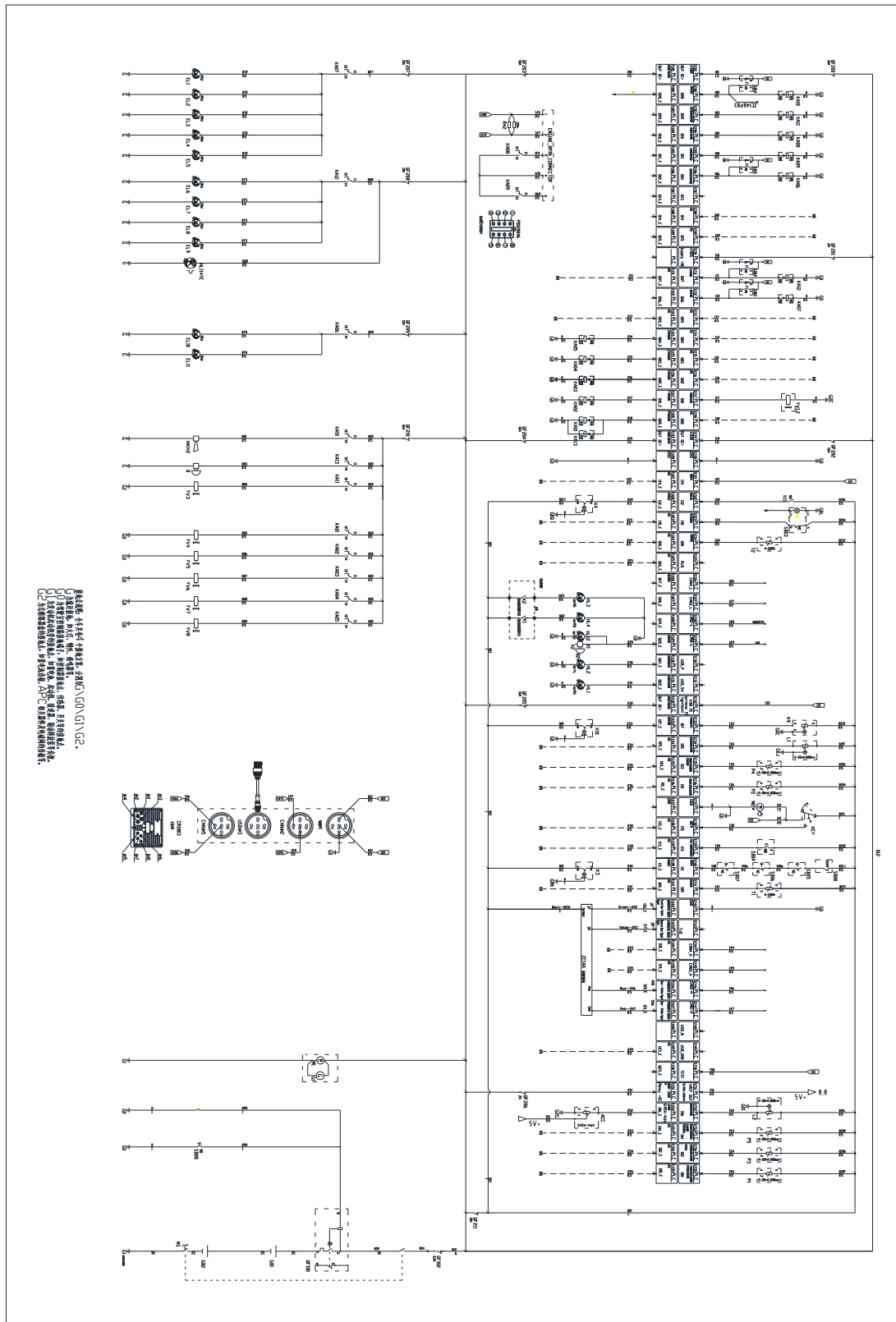


OIL FILLING HYDRAULIC SYSTEM (2.07.00.0463)

NO.	CODE	NAME	Q'TY	REMARK
1		SLIPPAGE PUMP	1	
2	3.03.05.0012-E	BARREL CONNECTOR	1	
3	3.03.05.0009-E	BARREL CONNECTOR	2	
4	2.11.04.2893	HOSE ASSEMBLY	1	
5	2.11.04.2895	HOSE ASSEMBLY	1	
6	3.03.05.0127-E	BARREL CONNECTOR	3	
7	2.11.04.2596	HOSE ASSEMBLY	1	
8	2.11.04.2892	HOSE ASSEMBLY	1	
9	3.03.05.0119-E	BARREL CONNECTOR	1	
10	2.11.04.2624	HOSE ASSEMBLY	1	
11	3.03.05.0007-E	BARREL CONNECTOR	1	
12	2.11.04.2906	HOSE ASSEMBLY	1	
13	3.03.06.0004-E	EXTENDED STRAIGHT THROUGH JOINT	2	
14	2.11.04.1518	HOSE ASSEMBLY	1	
15	3.03.09.0003-E	ADJUSTABLE RIGHT-ANGLE JOINT	1	
16	3.10.01.2690	OIL FILTER RACK	1	
17	3.01.01.0011	INCH BOLT	1	
18	4.06.04.0006	SPRING WASHER	1	
19		OIL FILTER	1	
20	2.11.04.0120	HOSE ASSEMBLY	1	
21	3.03.09.0002-E	ADJUSTABLE RIGHT-ANGLE JOIN	3	

22	3.03.12.0004-E	PRESSURE MEASURING RIGHT ANGLE JOINT	2	
23	3.01.16.0013	PRESSURE MEASURING JOINT	2	
24	3.03.05.0162	BARREL CONNECTOR	2	
25		RADIATOR	1	
26	2.11.04.1521	HOSE ASSEMBLY	1	
27	2.07.05.0070-E	STEEL PIPE ASSEMBLY	1	
28	3.03.21.0001-E	PRESSURE MEASURING STRAIGHT THROUGH JOINT	1	
29	3.03.22.0001	GAUGE STAND	1	
30	3.03.13.0018-E	COMBINED THREE-WAY JOINT	1	
31		RESPIRATOR	1	
32	3.03.09.0004-E	ADJUSTABLE RIGHT-ANGLE JOINT	1	

ELECTRICAL SYSTEM (2.10.00.0114)



ELECTRICAL SYSTEM (2.10.00.0114)

NO.		CODE	NAME	Q'TY	REMARK
1	SB01	4.11.01.0106	HEADLIGHT SWITCH	1	
2	SB02	4.11.01.0107	REAR LAMP SWITCH	1	
3	SB03	4.11.02.0200	PARKING BRAKE SWITCH	1	
4	SB04	4.11.01.0351	MANUAL / REMOTE OPERATION	1	
5	SB05	4.11.01.0471	STOP BUTTON (BIG)	2	
6	SB07	4.11.01.0349	STOP BUTTON (SMALL)	1	
7	SB08	4.11.01.0350	CIRCUIT BREAKER RELEASE BUTTON	1	
8	SB11	4.11.04.0111	CORNER AND INTERIOR LIGHT SWITCH	1	
9	SB12	4.11.04.0105	HORN SWITCH	1	
10	HA1	4.11.01.0379	HORN	2	
11	K11	4.11.01.0428	THRESHOLD SWITCH	1	
12	B	4.11.01.0279	BUZZ	1	
13	B2	4.11.01.0467	ALARM BUZZER	1	
14	EL1-EL5	5.01.07.0044	HEADLIGHT	5	
15	EL6-EL9	4.11.01.0270	REAR LAMP	4	
16	EL10	5.01.07.0048	INDOOR LAMP	1	
17	EL11	4.11.01.0270	CORNER LAMP	1	
18	HL1	4.11.01.0355	ENGINE RED STOP LAMP	1	
19	HL2	4.11.01.0357	ENGINE YELLOW LIGHT	1	
20	HL3-HL4	4.11.01.0188	OIL FILTER ALARM LAMP	2	
21	ACC	2.10.04.0070	ACCELERATION PEDAL	1	
22	HL9	4.11.06.0070	RED LIGHT	2	
23	HL10	4.11.06.0071	GREEN INDICATOR LAMP	2	

24	HL11	4.11.01.0425	ROTARY ALARM LAMP	1	
25	HL12	4.11.06.0070	INTEGRATED ALARM LAMP	1	
26	ZC14A	4.11.04.0191	GEAR CONTROL HANDLE	1	
27	CR1083	4.11.01.0406P	LCD	1	
28	PLC	4.11.01.0704P	PROGRAMMATOR	1	
NO.		CODE	NAME	Q'TY	REMARK
29	T1-T2	4.11.01.0515	TEMPERATURE SENSOR	2	
30	L1-L2	4.11.01.0447	OIL LEVEL SENSOR	1	
31	YV1.2	3.02.16.0013	ELECTROMAGNETIC DIRECTIONAL VALVE	1	
32	P1-P5	4.11.01.0407P	PRESSURE SENSOR	5	
33	KA01-KA13	4.11.01.0528	ELECTRIC RELAY	13	
34	QF100	4.11.01.0492	MAIN CIRCUIT BREAKER	1	400A
35	QF102	4.11.01.0480	BREAKER	1	63A
36	QF020	4.11.01.0479	BREAKER	1	16A
37	QF202-QF205,QF210	4.11.01.0479	BREAKER	5	16A
38	QF201,QF206	4.11.01.0490	BREAKER	2	2A
39	QF207,QF208	4.11.01.0048	BREAKER	2	10A
40	K10	5.03.01.0464	SPEED SENSOR	1	
41	K9	2.01.06.0745	COOLANT LEVEL SWITCH	1	
42	K3-K4	4.11.01.0428	LIFTING LIMIT SWITCH	2	
43	K1-K2		OIL FILTER ALARM SWITCH	1	Oil filter has
44	MS	4.11.01.0506	POWER MASTER SWITCH	1	
45	GB1-GB2	5.03.03.0015	BATTERY	2	
46	YV3		PARKING BRAKE SOLENOID VALVE	1	Hydraulic system
47	YV4		F GEAR SOLENOID VALVE	1	Hydraulic system

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48	YV5		R GEAR SOLENOID VALVE	1	Hydraulic system
49	YV6		1 GEAR SOLENOID VALVE	1	Hydraulic system
50	YV7		2 GEAR SOLENOID VALVE	1	Hydraulic system
51	YV8		3 GEAR SOLENOID VALVE	1	Hydraulic system
52				1	

MANUAL CENTRALIZED LUBRICATION SYSTEM

NO.	CODE	NAME	Q'TY	REMARK
1	3.10.06.5570	14 LUBRICATING BLOCK	1	
2	3.10.06.5569	8 LUBRICATING BLOCK	1	
3	3.01.05.0050	GUARD STAPLE	60	
4	3.01.05.0060	JACKET NUT	60	
5	3.14.0011	END CAP	2	
6	3.03.07.0104	BUTT JOINT	54	
7	3.14.0007	CORRUGATED COLUMN	15	
8	3.14.0016	STRAIGHT BOLTED COLUMN	26	
9	3.06.01.0105	PIPE CLAMP	12	
10	3.06.01.0104	PIPE CLAMP	5	
11	3.14.0006	THREADED SHAFT SLEEVE	60	

MANUAL CENTRALIZED FIRE EXTINGUISHING

NO.	CODE	NAME	Q'TY	REMARK
1	2.07.00.1000	LT-A-101-30 MEDICAMENT TANK	1	
2	2.07.00.1001	LT-A-101-30 DRIVE NITROGEN TANK	1	
3	2.07.00.1002	NITROGEN CYLINDER SUPPORT	1	
4	2.07.00.1003	STARTER	1	
5	2.07.00.1004	V-1/2 NOZZLE (1 BOX, 4)	1	
6	2.07.00.1005	C-1/2 NOZZLE (1 BOX, 4)	1	
7	2.07.00.1006	3/4*1/2*1/2*1/2 FOUR - WAY VALVE	1	
8	2.07.00.1007	NYLON BAND	2	
9	2.07.00.1100	RELIEF VALVE	1	
10	2.07.00.1101	PRESSURE SWITCH	1	
11	2.07.00.1102	START UP NITROGEN CYLINDER ASSEMBLY	2	