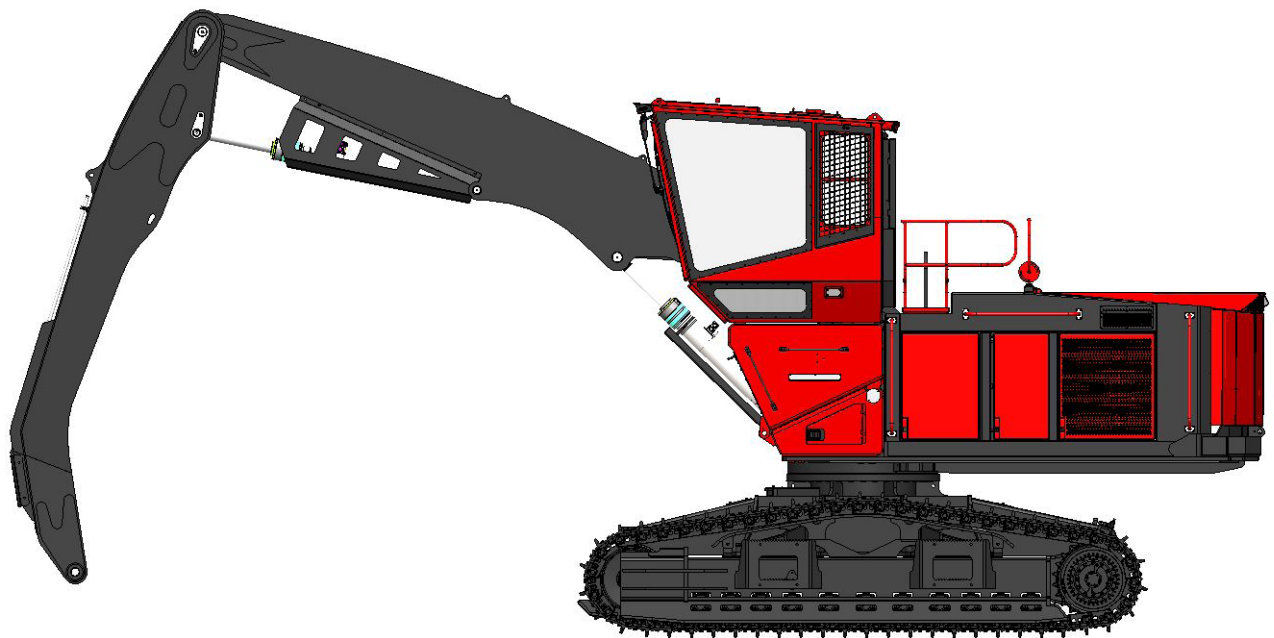


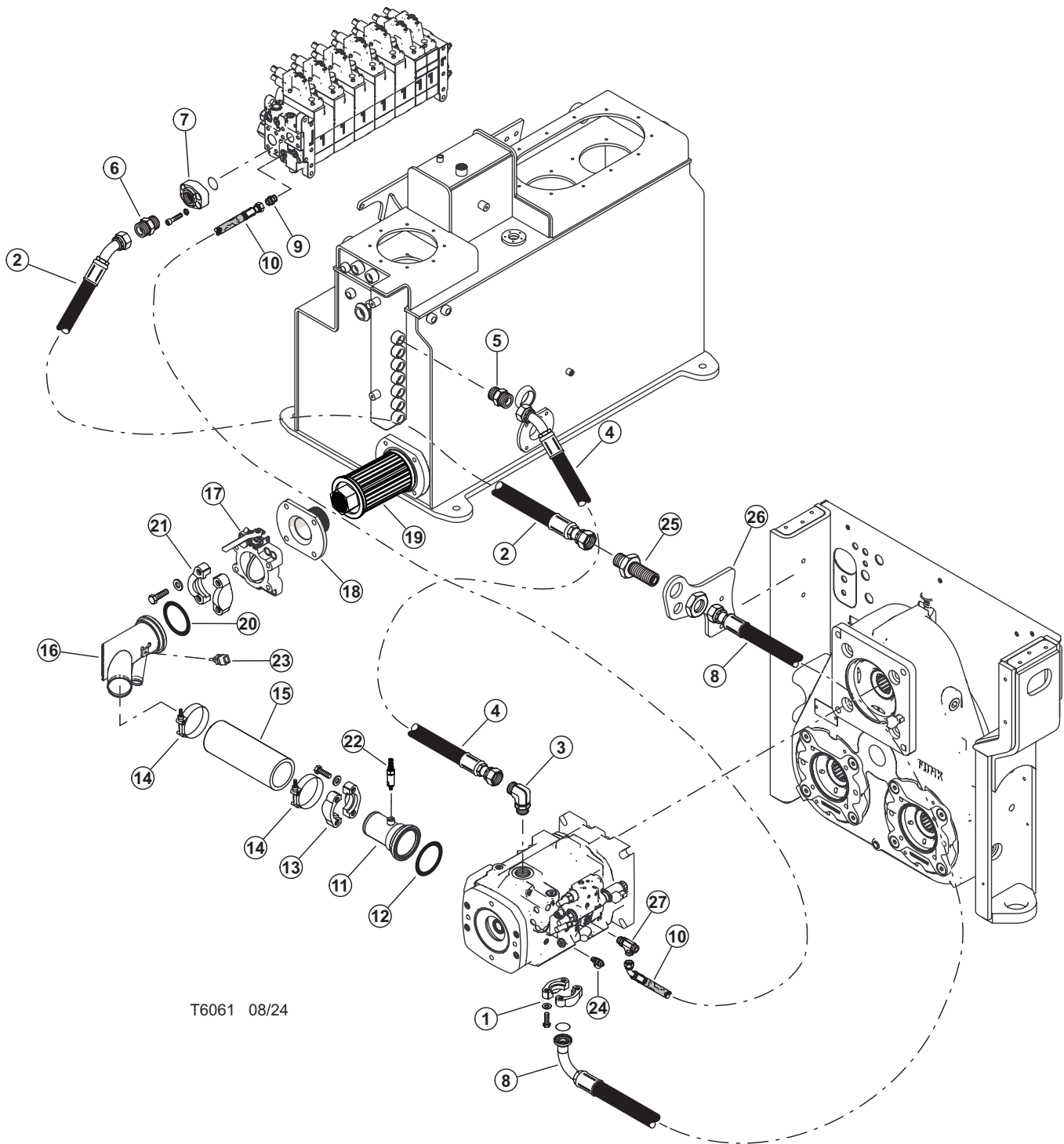
SECTION LLH-1

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION



LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

210 CC IMPLEMENT PUMP INSTALLATION



T6061 08/24

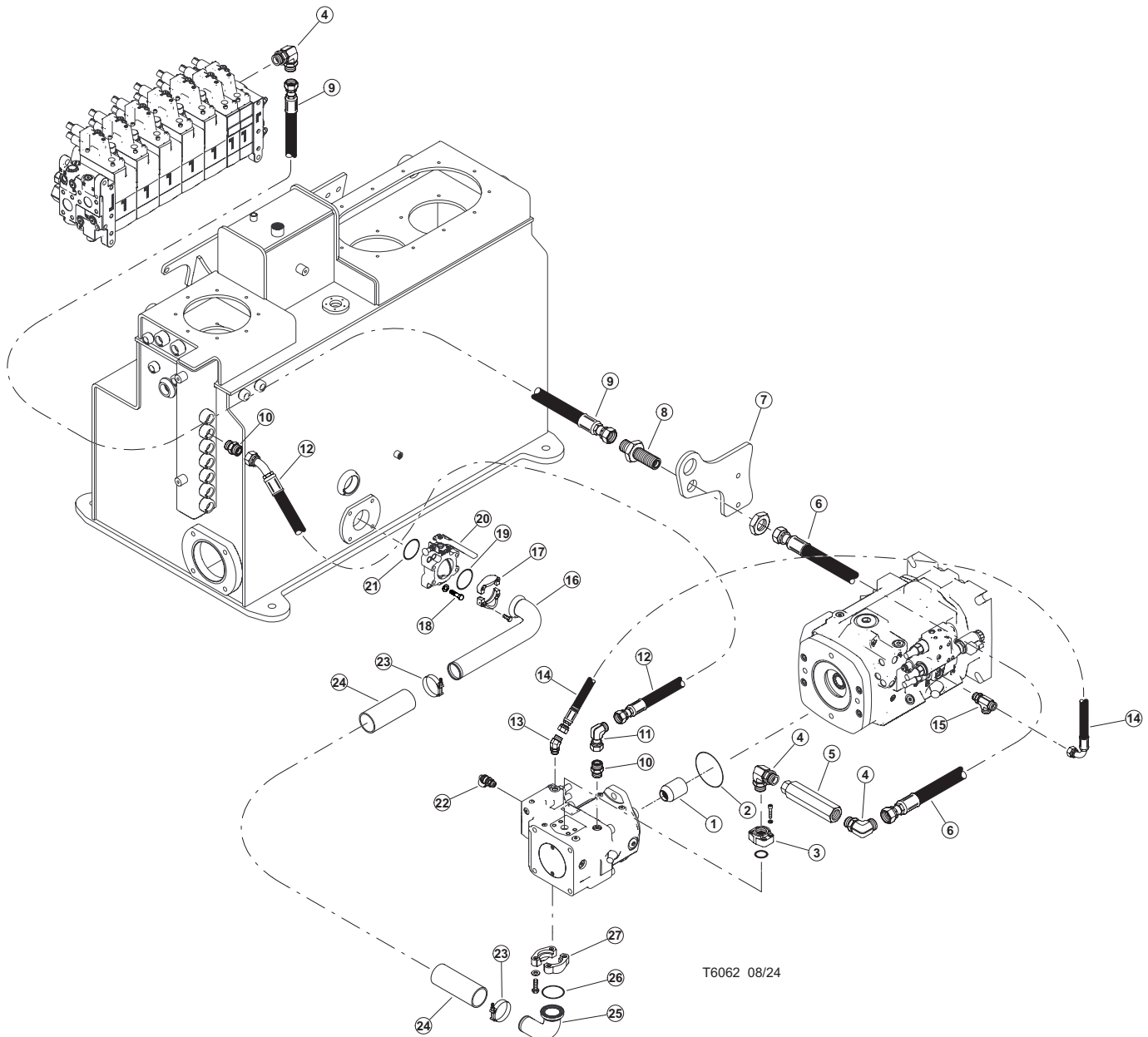
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

210 CC IMPLEMENT PUMP INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	(CALL)	1	SPLIT FLANGE	
2	(KIT - 59057)	1	HOSE ASSY - 787TC43.5 24-24OS-2404-SW	
3	15228	1	ELBOW, 90 - FF1868T-1616S	
4	(KIT - 59057)	1	HOSE ASSY - 187TC46 16-16OS-16O4	
5	18406	1	CONNECTOR, STR - FF1852T-1612S	
6	(CALL)	1	CONNECTOR, STR - F5OLO-S 20 ORB-24ORF ST	
7	17016	1	#20 CODE 62 BLOCK	
8	(KIT - 59057)	1	HOSE ASSY - 787TC51.5 24-24OS-24PH9-SW	
9	18034	1	CONNECTOR, STR - FF1852T-0606S	
10	(KIT - 59057)	1	HOSE ASSY - 787TC107 06-06OS-06O4-W	
11	60835	1	TUBE, SUCTION	
12	58992	1	O-RING, SUCTION ELBOW	
13	58139	1	FLANGE, 13001H-5656K	
14	15613	2	CLAMP, STRAP BAND - 3.5"	
15	(KIT - 59057)	1	SUCTION HOSE - 811HT23.5 48-0-0	
16	42461	1	TUBE, SUCTION - 4" FLANGE - W/ DISC SAW	
17	54786	1	VALVE, BUTTERFLY (4")	
18	42306	1	PLATE, INTER.-SUCTION PORT 100mm VALVE	
19	15842	1	FILTER, SCREEN - IMPLEMENT	
20	51726	1	ORING, HDYRAULIC TANK	
21	51625	1	KIT, FLANGE - SUCTION TUBE (4")	
22	55615	1	FITTING, ADAPTOR - BLEED - SUCTION TUBE	
23	24531	1	TRANSDUCER, HYD TEMP	
24	57820	1	TAP, GAUGE PORT # 6 SAE - Oring Boss	
25	(CALL)	1	#24 STR BULKHEAD FITTING	
26	62621	1	PLATE, PUMP FEED PSI BH	
27	55701	1	FITTING, TEE - 6 R5OX-S	

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

60 CC AUXILIARY HYDRAULIC PUMP INSTALLATION



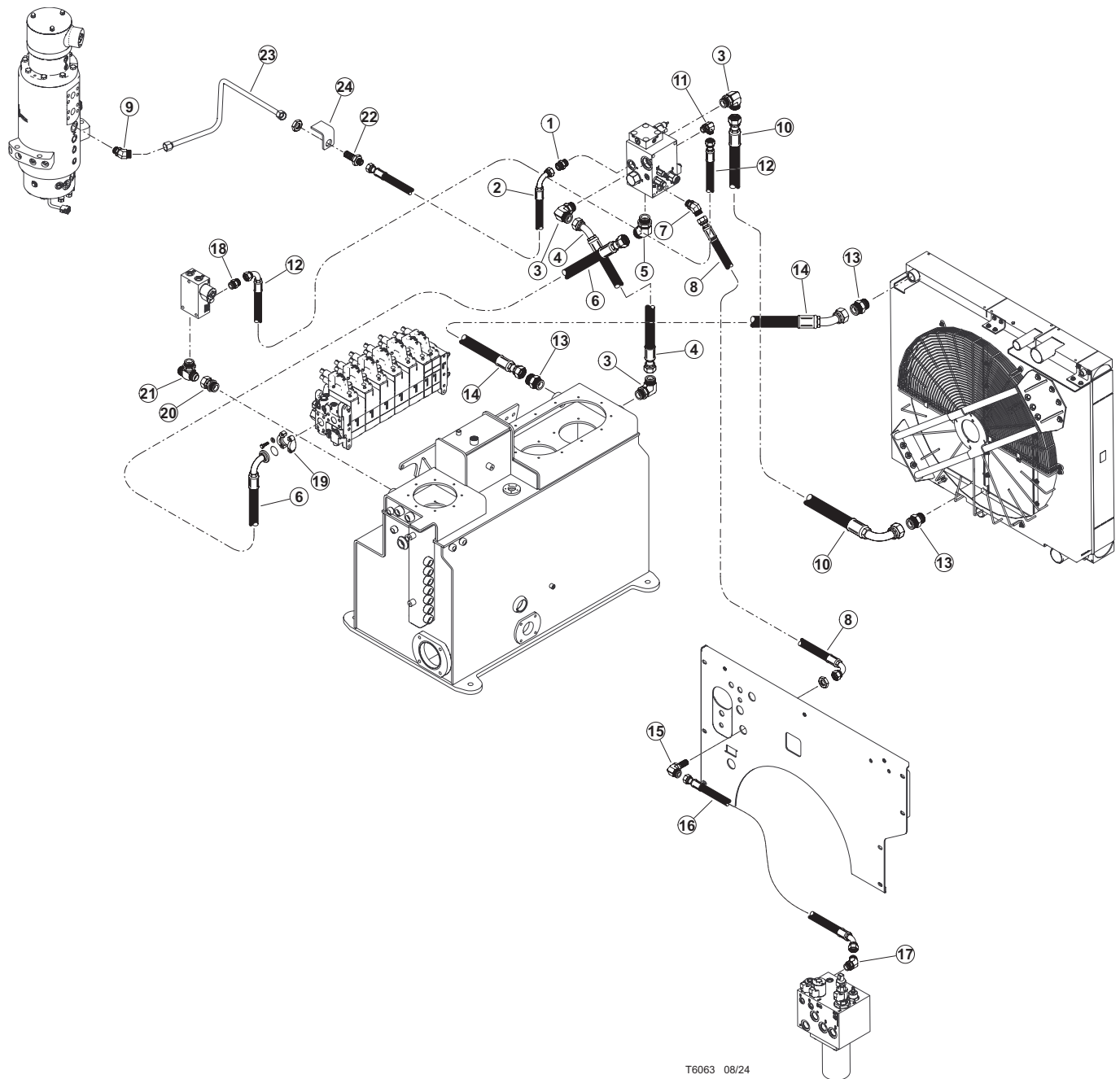
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

60 CC AUXILIARY HYDRAULIC PUMP INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	(CALL)	1	COUPLER	
2	58256	1	O-RING, THRU-DRIVE	
3	19808	1	CONNECTOR, FLANGE PAD -FP62-12-12ORB-MK	
4	19128	3	ELBOW, 90 - FF1868T-1216S	
5	54192	1	VALVE, CHECK - DUAL FLOW (1" - 7 PSI)	
6	(KIT - 59057)	1	HOSE ASSY - 787TC32.5 16-16OS-16OS-SW	
7	62621	1	PLATE, PUMP FEED PSI BH	
8	20033	1	CONNECTOR, STR BULKHEAD - 832-TT-16	
9	(KIT - 59057)	1	HOSE ASSY - 787TC84 16-16OS-16OS-SW	
10	15152	2	CONNECTOR, STR - FF1852T-1212S	
11	17670	1	ELBOW, 90 SWIVEL - FF2098T-1212S	
12	(KIT - 59057)	1	HOSE ASSY - 187TC50 12-12OS-12O4	
13	17646	1	ELBOW, 45 - FF2068T-0406S	
14	(KIT - 59057)	1	HOSE ASSY - 387TC28 06-06OS-06O9	
15	55701	1	FITTING, TEE - 6 R5OX-S	
16	62618	1	WELDMENT, SUCTION TUBE~DISC	
17	15193	1	KIT, SPLIT FLANGE - 2.5" (CODE 61)	
18	15551	4	BOLT - 12MM-1.75P X 40MM	
19	(CALL)	1	O-RING	
20	57834	1	VALVE, BUTTERFLY (2.5") - DISC SAW	
21	(CALL)	1	O-RING	
22	57819	1	TAP, GAUGE PORT - #4 SAE Oring Boss- ST	
23	(CALL)	2	CLAMP	
24	(KIT - 59057)	1	SUCTION HOSE - 811HT44.5 32-0-0	
25	55713	1	FLANGE, ELBOW - 1988-32-32	
26	(CALL)	1	O-RING	
27	21226	1	KIT, SPLIT FLANGE - 2.0" (CODE 61)	

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

HOC MANIFOLD & HYDRAULIC OIL COOLER CONNECTIONS



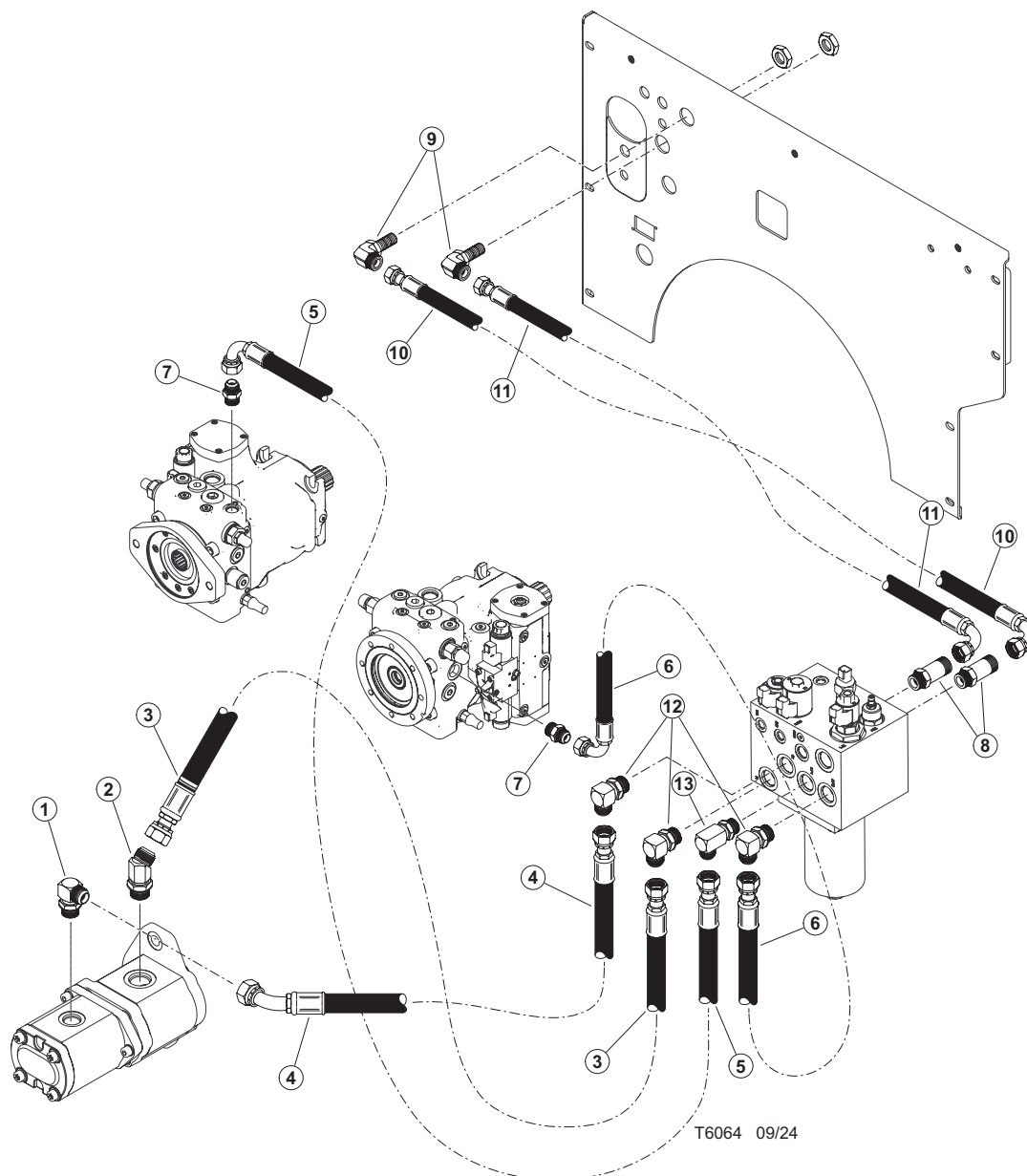
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

HOC MANIFOLD & HYDRAULIC OIL COOLER CONNECTIONS

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	15226	1	CONNECTOR, STR - FF1852T-1216S	
2	(KIT - 59057)	1	HOSE ASSY - 187TC89 12-12JS-12O9-SW - (FLUSH)	
3	59007	3	FITTING, 24-C5OLO-S	
4	(CALL)	1	HOSE ASSY - 187TC40 24-24OS-24O4 - (HOC TO TANK)	
5	24257	1	ELBOW, 45 - FF2068T-2424S	
6	(KIT - 59057)	1	HOSE ASSY - 187TC68 24-24OS-24PH9-SW - (VALVE TO HOC)	
7	15485	1	ELBOW, 45 - 6802-12-16	
8	(KIT - 59057)	1	HOSE ASSY - 387TC103 12-12OS-12J9-SW	
9	15474	1	ELBOW, 45 - 6802-12	
10	(KIT - 59057)	1	HOSE ASSY - 187TC83 24-24OS-24O9-SW - (HOC TO COOLER)	
11	16360	1	ELBOW, 90 - FF1868T-0808S	
12	(KIT - 59057)	1	HOSE ASSY - 387TC64 08-08OS-08O9-SW - (HOC TO CASE DRAIN MANIFOLD)	
13	58259	2	FITTING, STRAIGHT 24 FF50LO-S	
14	(KIT - 59057)	1	HOSE ASSY - 187TC21 24-24OS-24O4 - (COOLER RETURN TO TANK)	
15	54704	1	ELBOW, 90 BULK 12 WETX-WLN-S	
16	656840	1	HOSE ASSY - 722TC19 12-12JS-12J4	
17	19127	1	ELBOW, 45 - FF2068T-1212S	
18	15117	1	CONNECTOR, STR - FF1852T-0808S	
19	15186	1	KIT, SPLIT FLANGE - 1.5" (CODE 61)	
21	55622	1	TEE, BRANCH - STRAIGHT THREAD #16	
20	57513	1	FITTING, 16F65OX-S	
22	18781	1	CONNECTOR, STR BULKHEAD - 2705-1212	
23	62574	1	TUBELINE, -12, ROT MAN - LL	
24	48247	1	BULKHEAD MOUNT	

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

CHARGE MANIFOLD HYD. HOSE CONNECTIONS



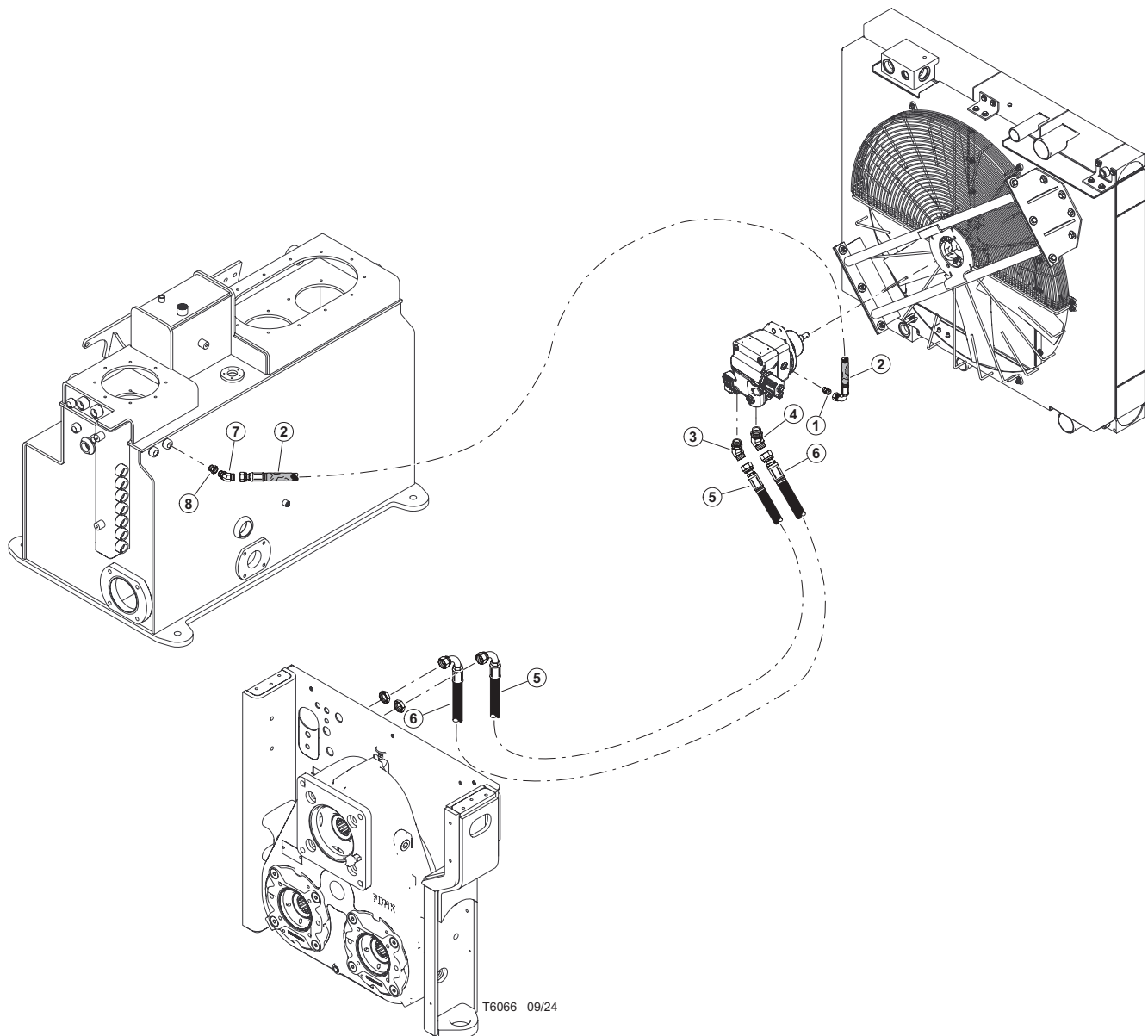
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

CHARGE MANIFOLD HYD. HOSE CONNECTIONS

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53032	1	ELBOW, 90 - 12 JIC X 10 ORB	
2	15474	1	ELBOW, 45 - 6802-12	
3	656850	1	HOSE, HYD, 722TC16.5 12-12JS-12JS	
4	656900	1	HOSE, HYD, 187TC22 12-12JS-12J4	
5	656890	1	HOSE, HYD, 187TC30 12-12JS-12J9	
6	656880	1	HOSE, HYD, 187TC18.5 12-12JS-12J9	
7	15494	2	CONNECTOR, STR - 6400-12-10	
8	19092	2	CONNECTOR, STR LONG - 848L-TTO-12X12	
9	54704	2	ELBOW, 90 BULK 12 WETX-WLN-S	
10	656870	1	HOSE, HYD, 187TC20.5 12-12JS-12J9	
11	656860	1	HOSE, HYD, 187TC19 12-12JS-12J9	
12	11306	3	ELBOW, 90 12 C5OX-S	
13	58379	1	ELBOW, LONG, 3/4 JIC(M) - 3/4 ORB(M)	

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

HYD. COOLER FAN MOTOR HOSE CONNECTIONS



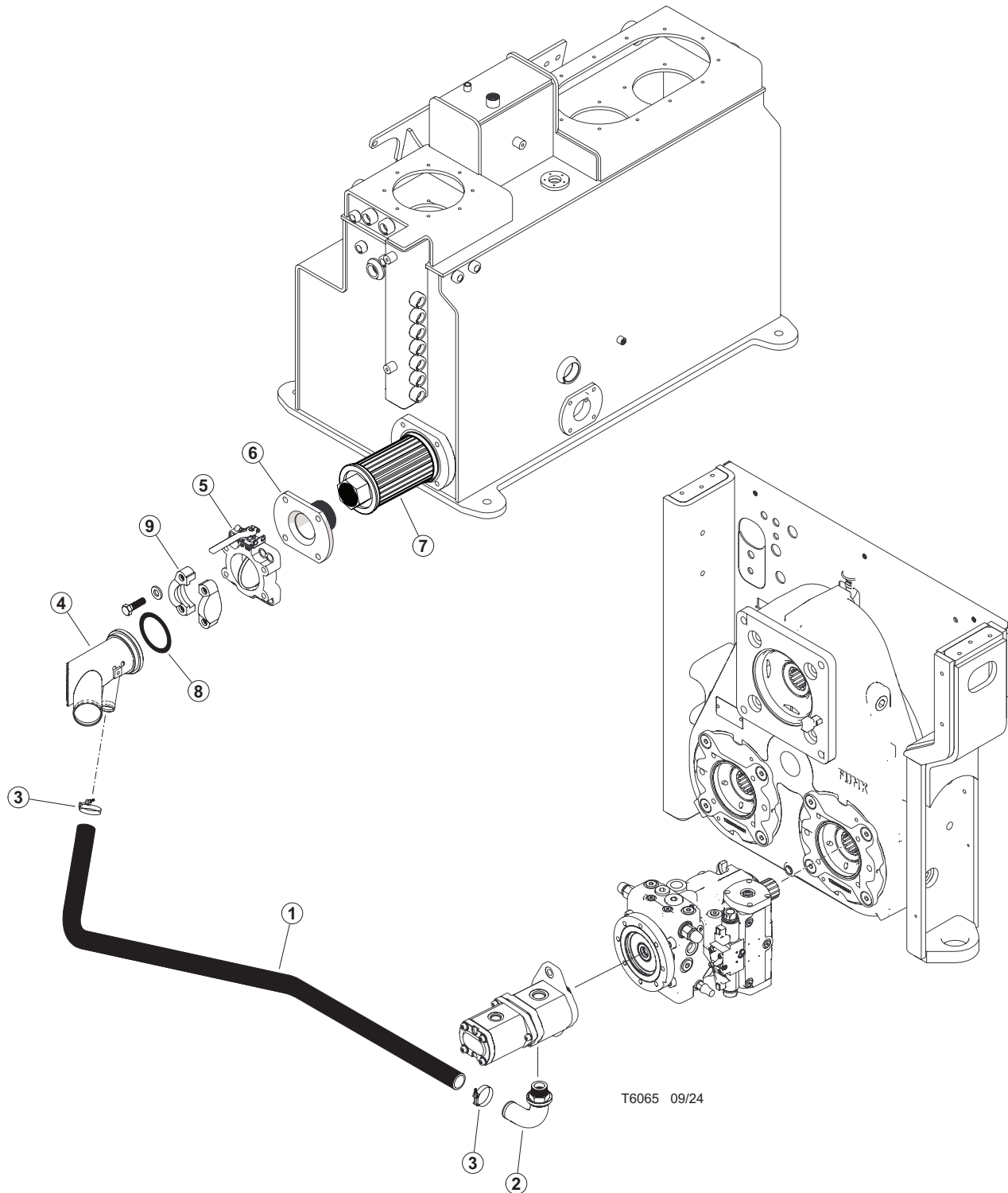
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

HYD. COOLER FAN MOTOR HOSE CONNECTIONS

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	15152	1	CONNECTOR, STR - FF1852T-1212S	
2	(KIT - 59057)	1	HOSE ASSY - 387TC95 06-06OS-06O9 - (FAN MOTOR CASE DRAIN TO TANK)	
3	19127	1	ELBOW, 45 - FF2068T-1212S	
4	16460	1	ELBOW, 45 - FF2068T-1616S	
5	(KIT - 59057)	1	HOSE ASSY - 187TC92 12-16OS-12J9 - (FAN MOTOR RETURN)	
6	(KIT - 59057)	1	HOSE ASSY - 387TC88 12-12OS-12J9 - (FAN MOTOR PRESSURE)	
7	(CALL)	1	ELBOW, 45 6-6	
8	15630	1	BUSHING, REDUCER - 5406-8-6	

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

CHARGE PUMP SUCTION COMPONENTS



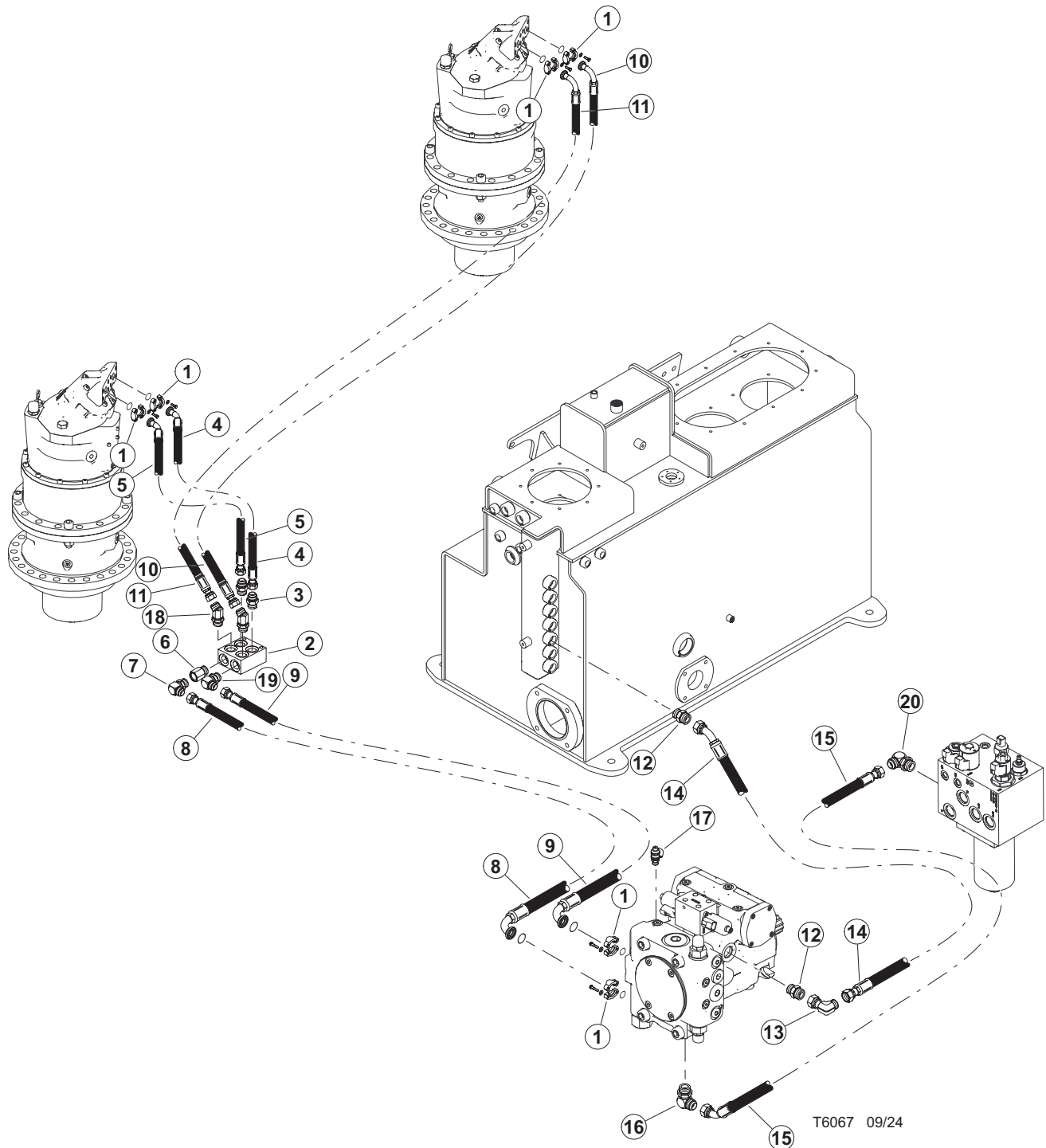
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

CHARGE PUMP SUCTION COMPONENTS

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	(KIT - 59057)	1	HOSE ASSY - 811HT45 24-0-0 (CHARGE PUMP SUCTION)	
2	57663	1	FITTING, ELBOW - HOSE END 90°	
3	55614	2	CLAMP, CONSTANT TORQUE - 1.75"	
4	42461	1	TUBE, SUCTION - 4" FLANGE - W/ DISC SAW	
5	54786	1	VALVE, BUTTERFLY (4")	
6	42306	1	PLATE, INTER.-SUCTION PORT 100mm VALVE	
7	15842	1	FILTER, SCREEN - IMPLEMENT	
8	51726	1	ORING, HDYRAULIC TANK	
9	51625	1	KIT, FLANGE - SUCTION TUBE (4")	

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

SWING CIRCUIT HYD. HOSE CONNECTIONS



T6067 09/24

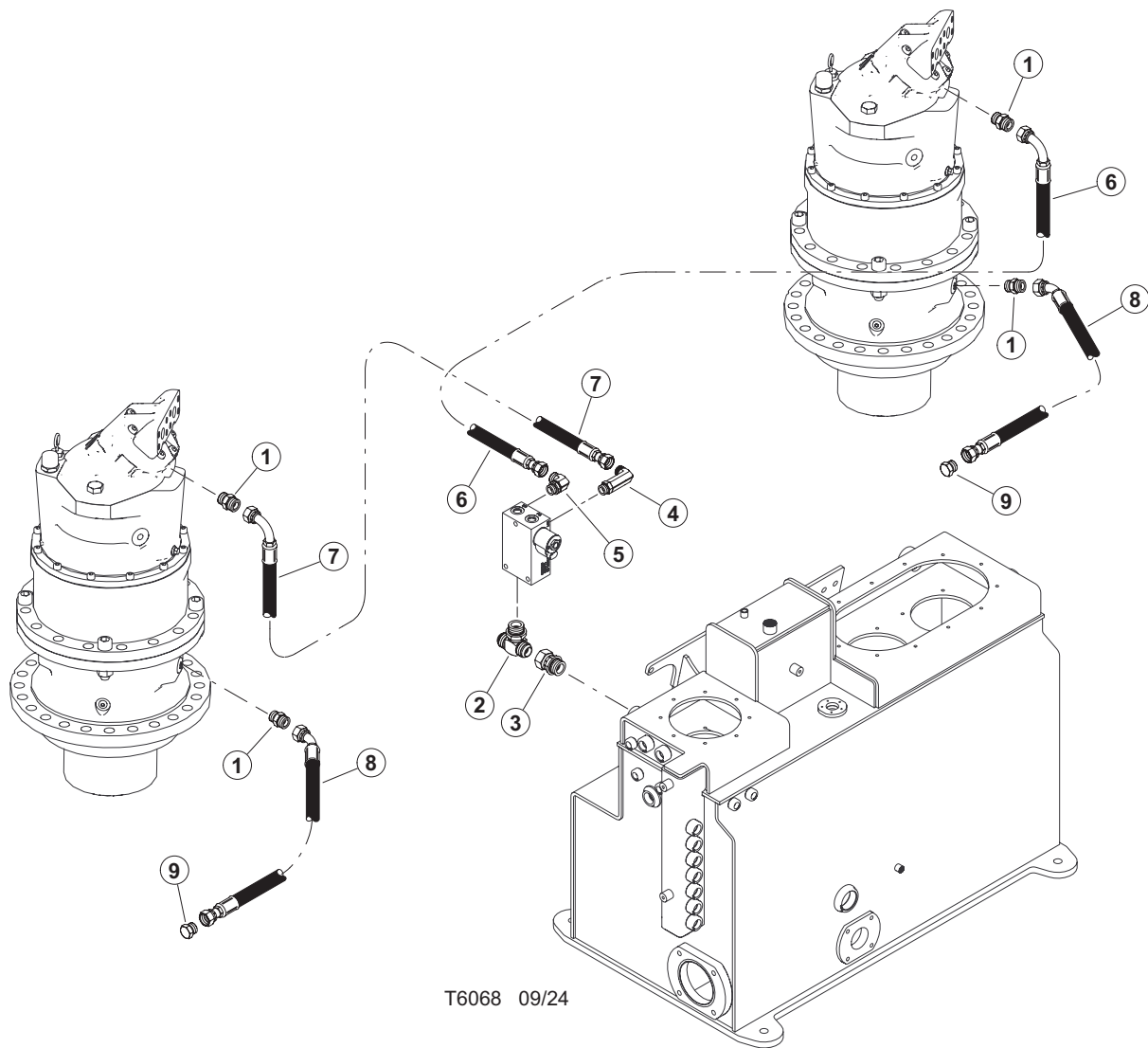
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

SWING CIRCUIT HYD. HOSE CONNECTIONS

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	16660	4	KIT, SPLIT FLANGE - .75 (CODE 62)	
2	57284	1	MANIFOLD, SWING COMBINE FLOW	
3	11324	2	CONNECTOR, STR - 6400-12	
4	(KIT - 59057)	1	HOSE ASSY - 797TC23.5 12-12OS-12PH4	
5	(KIT - 59057)	1	HOSE ASSY - 797TC23.5 12-12OS-12PH4	
6	19291	1	BUSHING, REDUCER - 6410-12-16	
7	15228	1	ELBOW, 90 - FF1868T-1616S	
8	(KIT - 59057)	1	HOSE ASSY - 797TC88 16-16OS-16PH9-SW	
9	(KIT - 59057)	1	HOSE ASSY - 797TC90 16-16OS-16PH9-SW	
10	(KIT - 59057)	1	HOSE ASSY - 797TC134 12-12OS-12PH9	
11	(KIT - 59057)	1	HOSE ASSY - 797TC128 12-12OS-12PH9	
12	15152	2	CONNECTOR, STR - FF1852T-1212S	
13	15477	1	ELBOW, 90 SWIVEL - 12 C6X-S	
14	(KIT - 59057)	1	HOSE ASSY - 187TC46 12-12OS-12O4	
15	(KIT - 59057)	1	HOSE ASSY - 722TC42 12-12JS-12J4-SW	
16	53032	1	ELBOW, 90 - 12 JIC X 10 ORB	
17	57819	1	TAP, GAUGE PORT - #4 SAE Oring Boss- ST	
18	15474	1	ELBOW, 45 - 6802-12	
19	21039	2	ELBOW, 45 - 16-12 V5OLO-S	
20	11306	1	ELBOW, 90 12 C5OX-S	

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

SWING CASE DRAIN HYD. HOSE CONNECTIONS



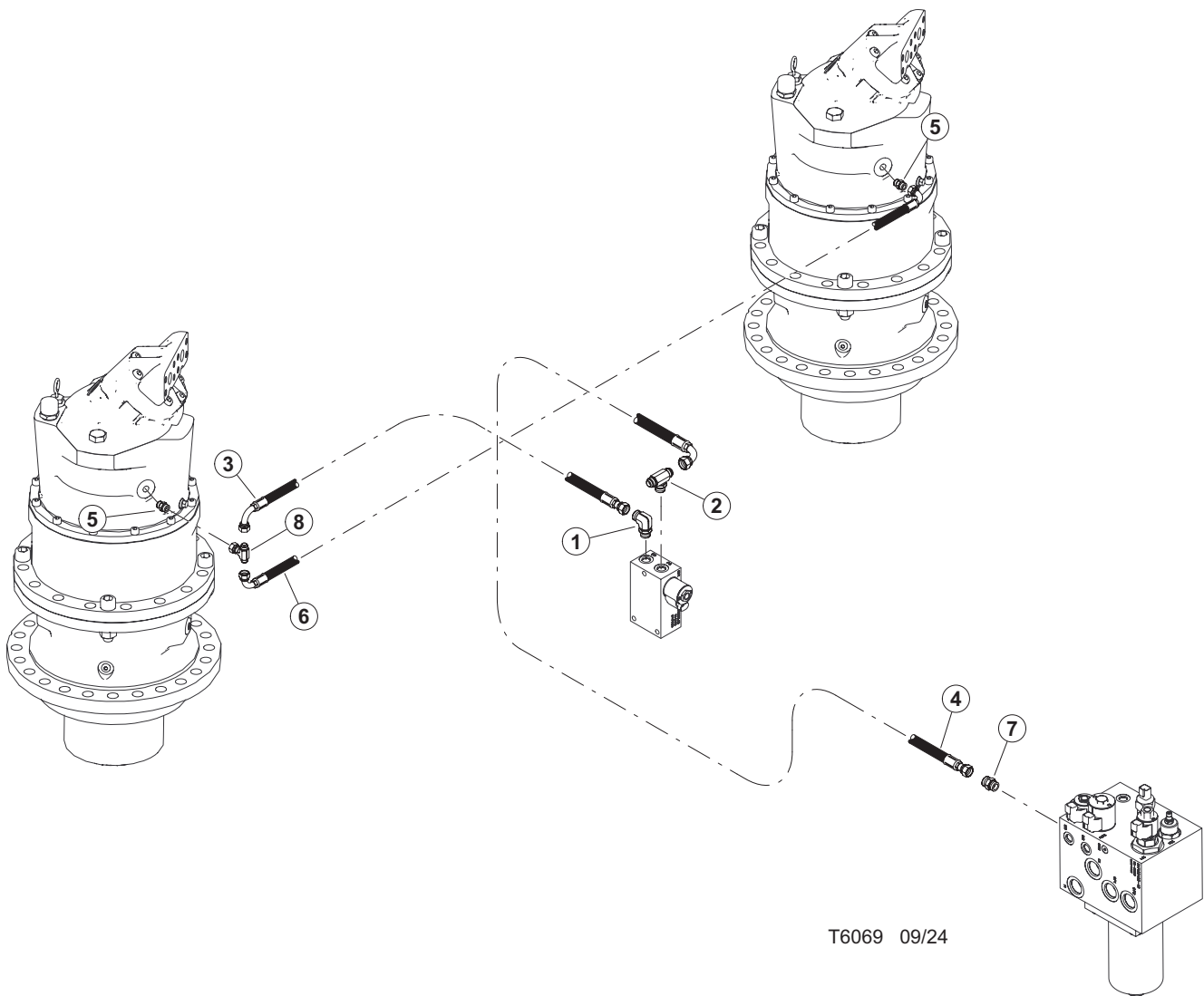
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

SWING CASE DRAIN HYD. HOSE CONNECTIONS

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	24182	4	CONNECTOR, STR - 6002-08-8BSPP	
2	55622	1	TEE, BRANCH - STRAIGHT THREAD #16	
3	57513	1	FITTING, 16F65OX-S	
4	54810	1	ELBOW, 90* LONG -8 JIC	
5	15481	1	ELBOW, 90 - 6801-8	
6	(KIT 59057)	1	HOSE ASSY - 187TC113 08-08JS-08O9 - (CASE DRAIN - RIGHT MOTOR)	
7	(KIT 59057)	1	HOSE ASSY - 187TC49 08-08JS-08O9 - (CASE DRAIN - LEFT MOTOR)	
8	(KIT 59057)	2	HOSE ASSY - 187TC36 08-08OS-08O9 - (DRAIN)	
9	16032	2	PLUG - FF9767-08S	

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

SWING BRAKE HYD. HOSE CONNECTIONS



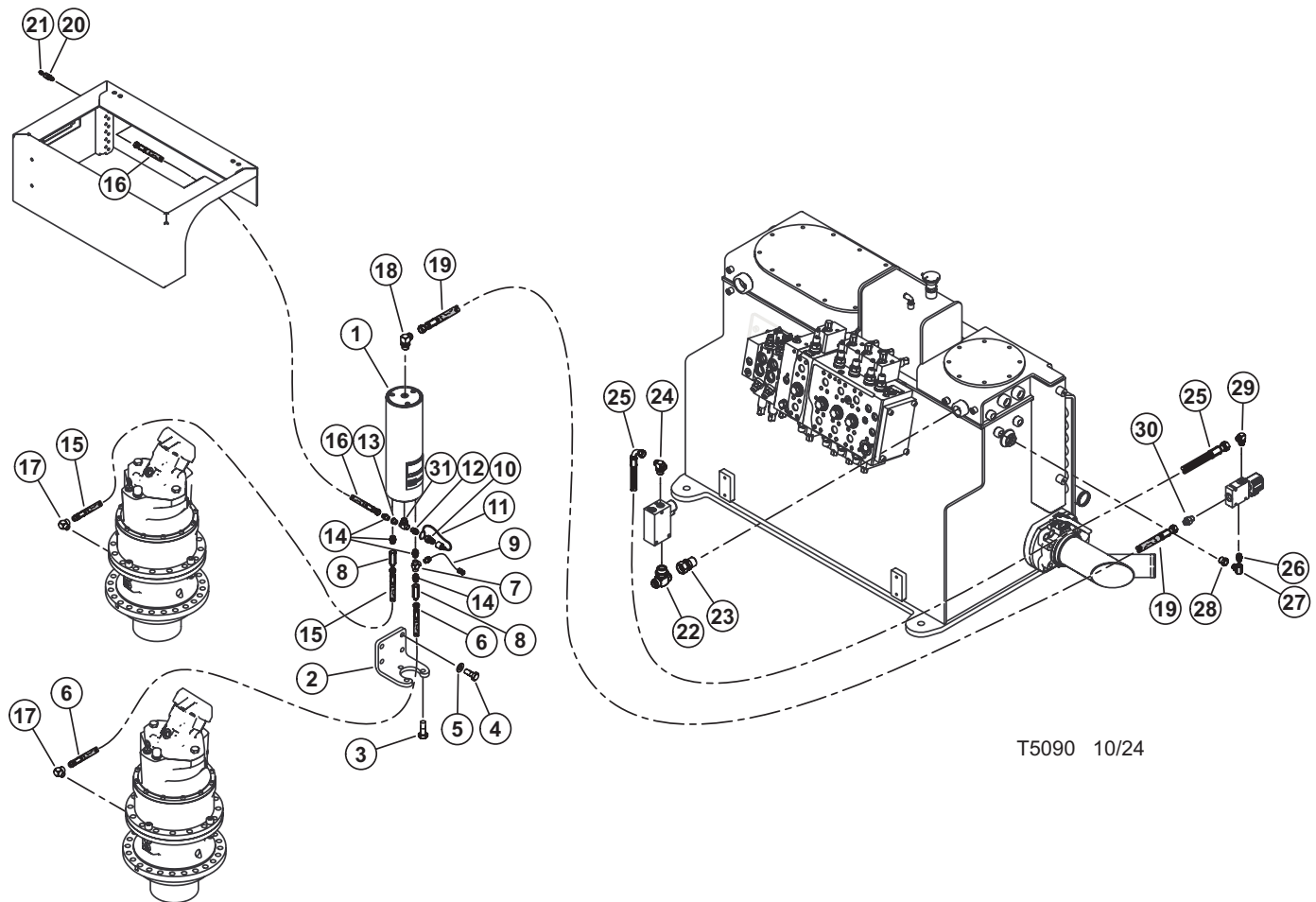
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

SWING BRAKE HYD. HOSE CONNECTIONS

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51931	1	ELBOW, 90 - 4-6 C50X-S (JIC)	
2	51853	1	TEE, BRANCH - 6 G5G5JA0-S	
3	(KIT 59057)	1	HOSE ASSY - 387TC92 04-04OS-04O9-W	
4	(KIT 59057)	1	HOSE ASSY - 387TC61 04-04JS-04O9	
5	19469	2	CONNECTOR, STR METRIC - 4M12F82EDMLO-S	
6	(KIT 59057)	1	HOSE ASSY - 387TC97 04-04OS-04O9-W	
7	18034	1	CONNECTOR, STR - FF1852T-0606S	
8	23541	1	TEE - 4 S6LO-S	

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

(AUTO GREASE SYSTEM INSTALLATION)(SWING DRIVE GEARCASE BEARING)



T5090 10/24

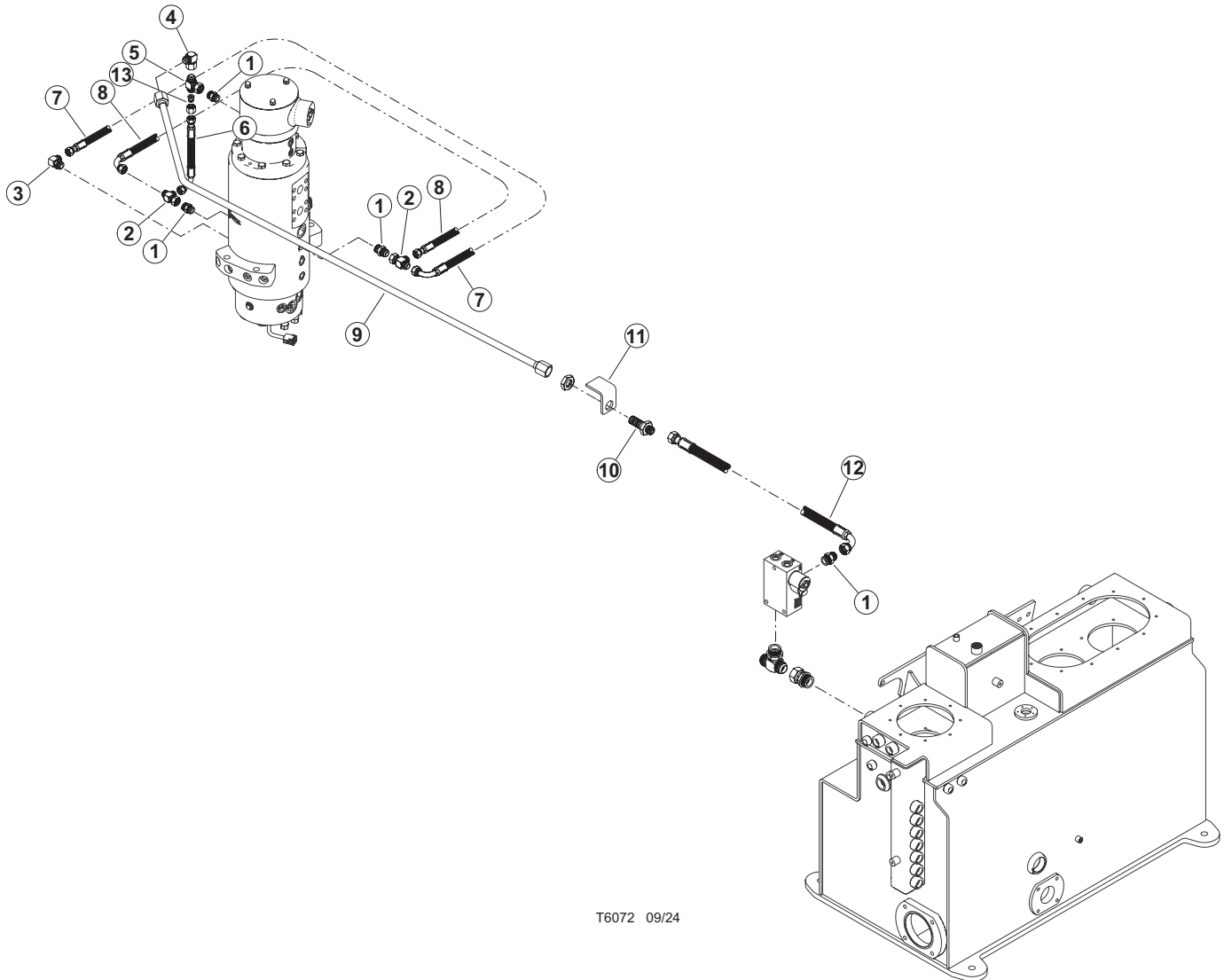
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

(AUTO GREASE SYSTEM INSTALLATION)(SWING DRIVE GEARCASE BEARING)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	57303	1	ACCUMULATOR, GREASE SYSTEM	
2	48344	1	PLATE, GREASE TUBE MOUNT	
3	(CALL)	2	BOLT - M12-1.75 X 30MM	
4	10402	2	BOLT - .375" X 1.25"	
5	15528	2	WASHER, SAE FLAT - .375"	
6	(See Description)	1	HOSE ASSY. - (PART # HLBD115 02-02PS-04JS-W) - Grease acc to right swing	
7	55633	1	FITTING, TEE - MALE RUN #6 - 6 AOG5JG5-S	
8	57498	2	VALVE, CHECK - ORIFICE GREASE SYSTEM	
9	57596	1	TRANSDUCER, PRESSURE - GREASE SYSTEM	
10	17307M	1	QUICK DISCONNECT - .5" (MALE)	
11	17323F	1	COVER, DUST - QUICK DISCONNECT (FEMALE)17307M	
12	53107	1	CONNECTOR, STR - 1/2 X 3/8 FF-S	
13	16294	1	BUSHING, REDUCER - 6410-6-4	
14	18034	2	CONNECTOR, STR - FF1852T-0606S	
15	(See Description)	1	HOSE ASSY. - (PART # HLBD17 02-02PS-04JS-W) - Grease acc to left swing	
16	(See Description)	1	HOSE ASSY. - (PART # HLBD130 02-02PS-04JS-W) - Grease acc fill	
17	22281	2	ELBOW, 90 - 5546132	
18	57586	1	ELBOW, 90 4-5 GREASE ACCUMULATOR	
19	(See Description)	1	HOSE ASSY - (PART # 387TC102 04-04OS-04OS-W) - Greaser valve to acc	
20	15658	1	CONNECTOR, STR BULKHEAD - 2239-2-4S	
21	10704	1	GREASE ZERT - STR	
22	55622	1	TEE, BRANCH - STRAIGHT THREAD #16	
23	15497	1	CONNECTOR, STR - 16 F5OX-S	
24	55701	1	FITTING, TEE - 6 R5OX-S	
25	(See Description)	1	HOSE ASSY - (PART # 387TC16.5 06-06JS-06J9-W) - Grease valve to charge	
26	18034	2	CONNECTOR, STR - FF1852T-0606S	
27	55633	1	FITTING, TEE - MALE RUN #6 - 6 AOG5JG5-S	
28	22909	1	BUSHING, REDUCER - 6410-8-6	
29	15480	1	ELBOW, 90 - 6801-6	
30	54809	1	CONNECTOR, STR - 4 JIC x -6 ORB	
31	55633	1	FITTING, TEE - MALE RUN #6 - 6 AOG5JG5-S	

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

EVO DRAIN CIRCUIT



T6072 09/24

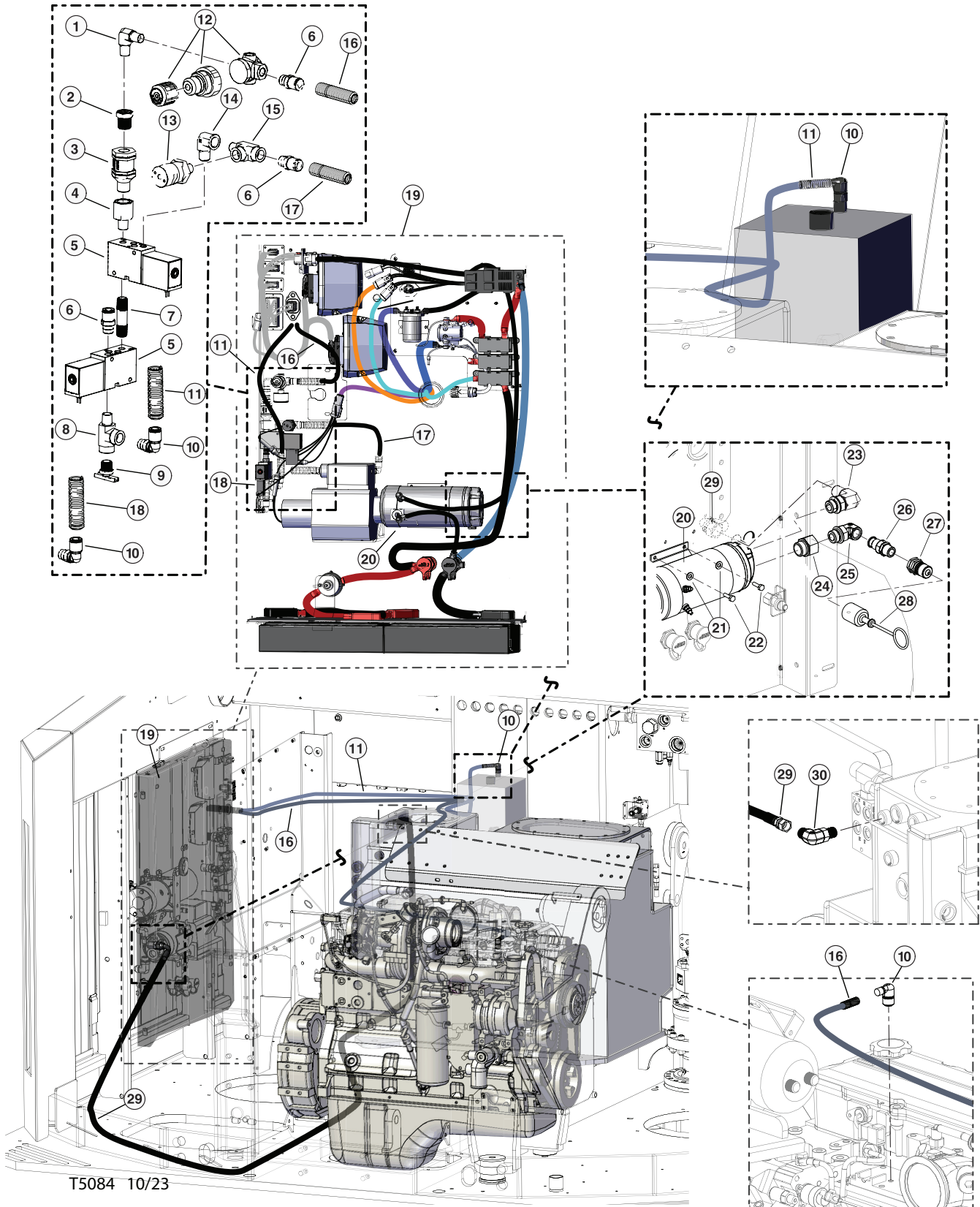
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

EVO DRAIN CIRCUIT

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	55700	4	FITTING, STRAIGHT - 4-8 FFOX-S	
2	55677	2	FITTING, 4 R6X-S SWIVEL NUT RUN TEE	
3	55702	1	FITTING, 4-8 C5OX-S	
4	16661	1	ELBOW, 90 SWIVEL - 6500-6	
5	55372	1	FITTING, SWIVEL TEE - 6 S6X-S	
6	(KIT - 55559)	1	HOSE ASSY - 387TC8.5 04-04JS-04J9	
7	(KIT - 55559)	1	HOSE ASSY - 387TC24 04-04JS-04J9	
8	(KIT - 55559)	1	HOSE ASSY - 387TC22 04-04JS-04J9	
9	57277	1	TUBELINE, SD TO SEAL DRAIN BULKHEAD	
10	55364	1	FITTING, BULKHEAD - 6 WTX-WLN-S	
11	48286	1	BULKHEAD MOUNT	
12	(KIT - 59057)	1	HOSE ASSY - 387TC22 04-04JS-04J9	
13	11318	1	BUSHING, REDUCER - 5406-6-4	

FELLER BUNCHER HYDRAULICS ASSEMBLY, AND INSTALLATION

SUPPLY, RETURN AND FLUSHING CIRCUITS



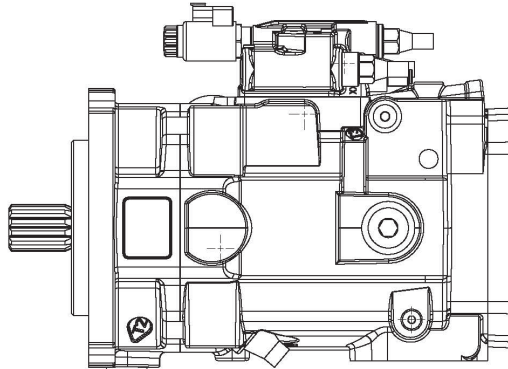
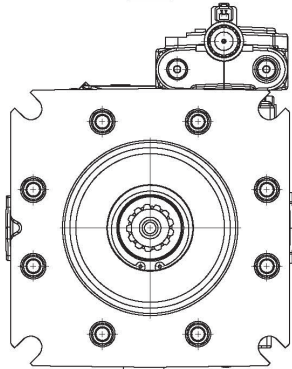
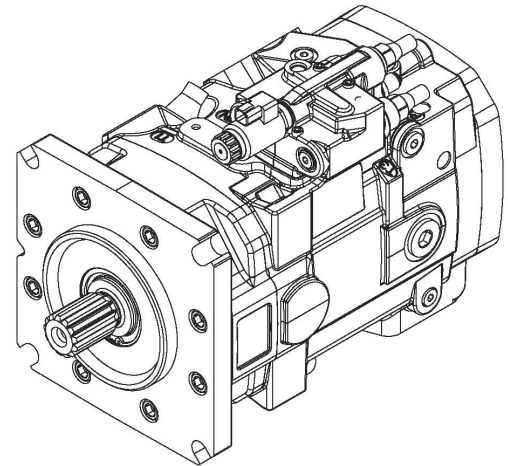
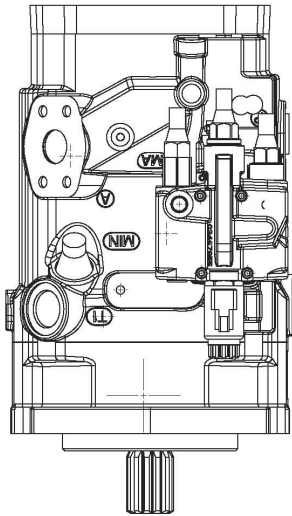
FELLER BUNCHER HYDRAULICS ASSEMBLY, AND INSTALLATION

SUPPLY, RETURN AND FLUSHING CIRCUITS

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52741	1	ELBOW, MALE PIPE - 1/4 CR-S	
2	11318	1	BUSHING, REDUCER - 5406-6-4	
3	15652	1	VALVE, CHECK - HYDRAULIC/FUEL TANK	
4	52145	1	ADAPTER, EXPANDER - 3/8 X 1/4 FG-S	
5	51616	2	VALVE, VACUUM PUMP - HYD TANK	
6	52506	2	CONNECTOR, STR - PUSH HOSE - 1/4" VACUUM	
7	16314	1	NIPPLE, PIPE - .25" X 2"	
8	10393	1	TEE - 5602-4	
9	15650	1	VALVE, TANK VENT - DC602-6	
10	51739	4	CONNECTOR, ELBOW -PUSH ON (VACUUM)	
11	51738	lin. ft	HOSE, 3/8" PUSH ON - VACUUM PUMP - Order by ft.	
12	15649	1	REGULATOR, TURBO BOOST	
13	51737	1	SWITCH, PRESSURE - VACUUM PUMP (HYD TANK)	
14	21147	1	ELBOW, 90 STREET .25" NPT - BRASS	
15	10393	1	TEE - 5602-4	
16	51738	lin. ft	HOSE, 3/8" PUSH ON - VACUUM PUMP	
17	51738	lin. ft	HOSE, 3/8" PUSH ON - VACUUM PUMP	
18	51738	lin. ft	HOSE, 3/8" PUSH ON - VACUUM PUMP	
19	47867	1	WELDMENT, ELEC PANEL, D-MODEL	
20	55691	1	FILL PUMP ASSEMBLY	
21	10801	4	WASHER, FLAT - .3125"	
22	15605	4	BOLT - .3125" X .75"	
23	55712	1	FITTING, ELBOW - MALE 8-8C4OMXS	
24	55711	1	FITTING, 3/4 - 12F40HG55	
25	22383	1	ELBOW, 90 - 12 AOEG5-S	
26	54998	1	FITTING, FILL PUMP	
27	55620	1	NIPPLE, 60 SERIES - H6-63-T12	
28	55617	1	CAP, QUICK CONNECT - RUBBER (RED)	
29	(See Description)	1	Fill Pump Supply Hose Supplier Hose Part #: 387TC 227 08-08JS-08J9L	
30	15481	1	ELBOW, 90 - 6801-8	

LOG LOADER HYDRAULICS

210CC IMPLEMENT PUMP



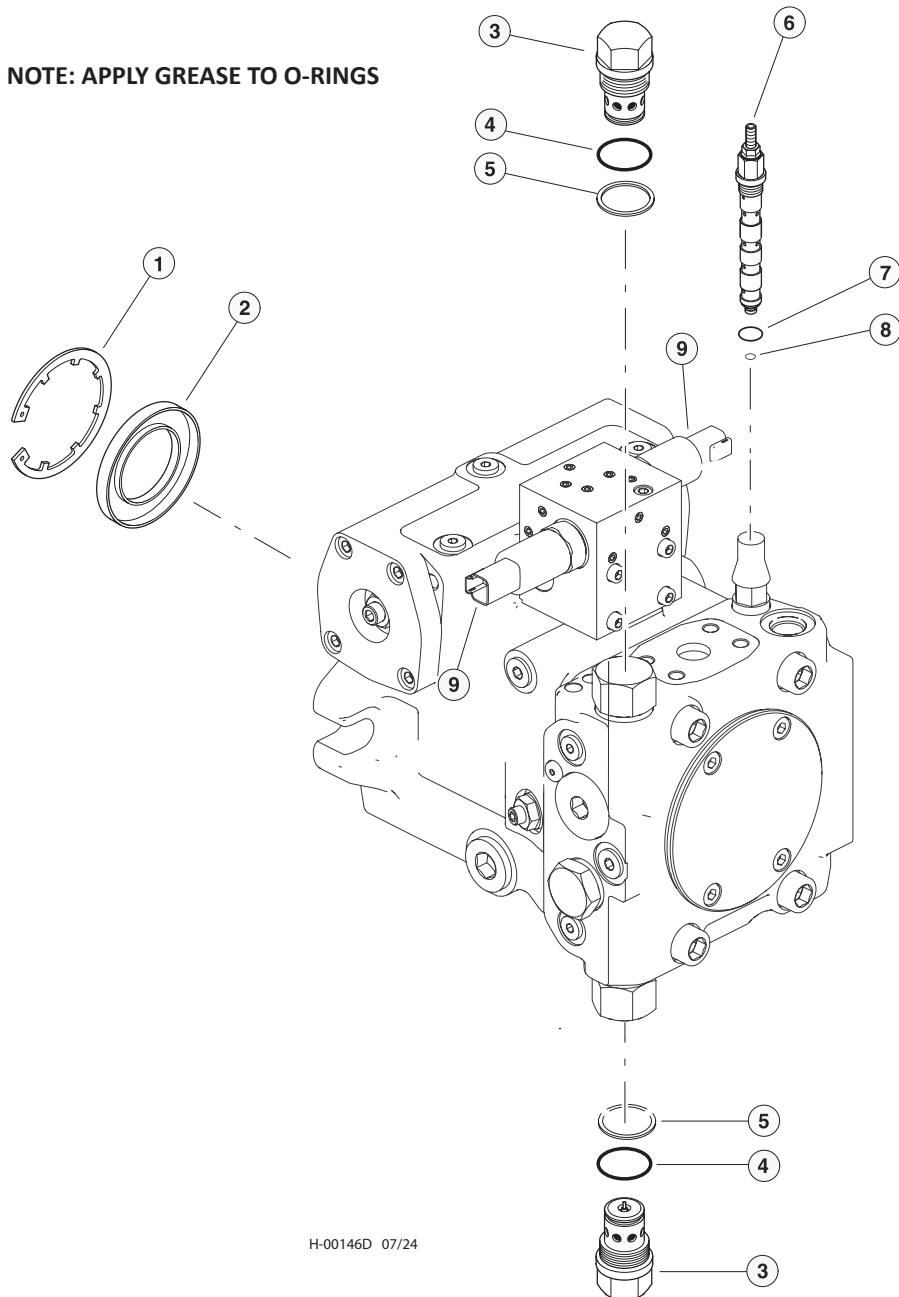
REF.	PART #	QTY.	DESCRIPTION
1	58596	1	PUMP, IMPLEMENT - REX 210CC/40 W/HP CONT
	R902569651	1	SEAL KIT

PAGE INTENTIONALLY LEFT BLANK

LOG LOADER HYDRAULICS

HYDROSTATIC SWING PUMP (REXROTH 56CC)

NOTE: APPLY GREASE TO O-RINGS



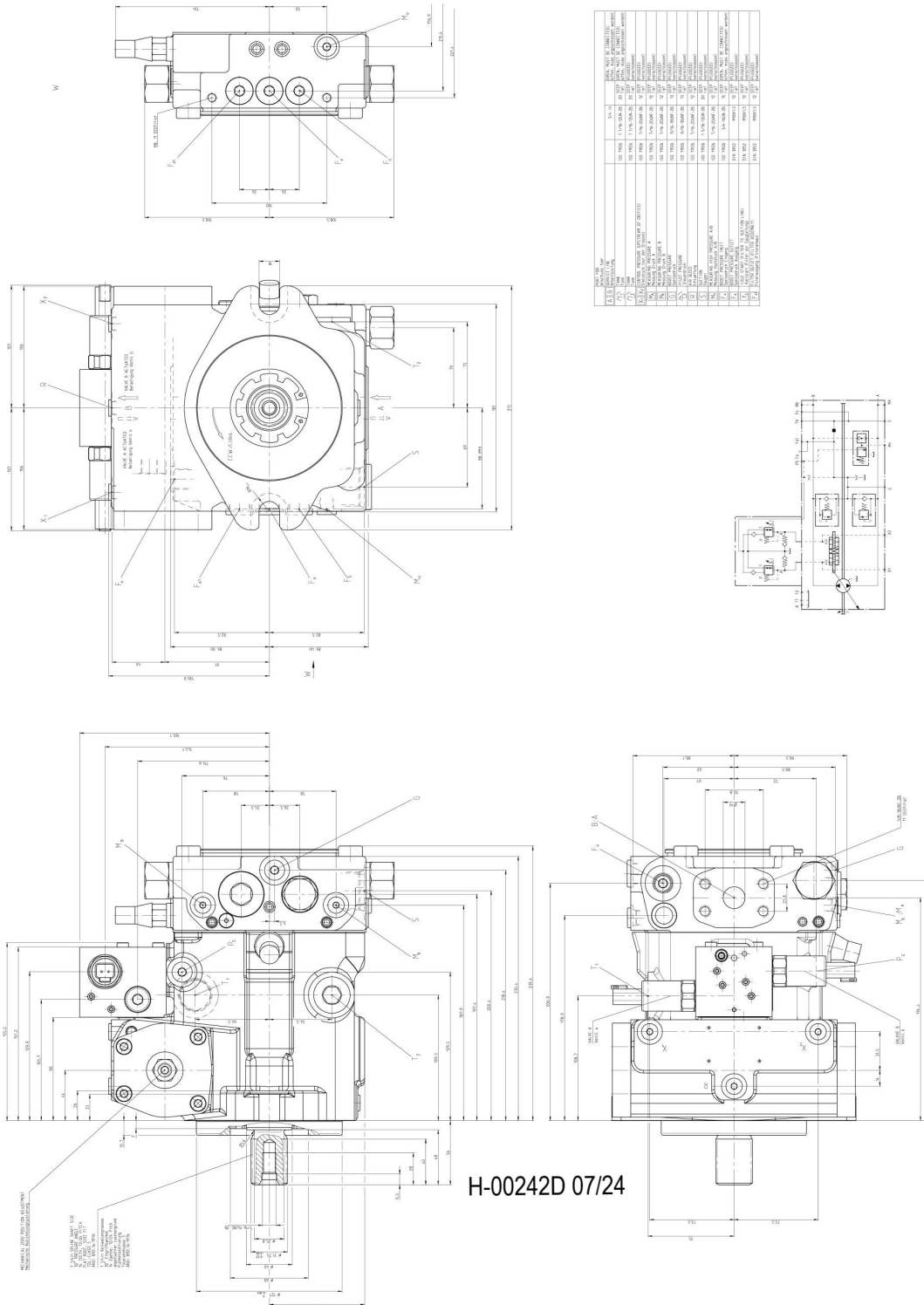
LOG LOADER HYDRAULICS

HYDROSTATIC SWING PUMP (REXROTH 56CC)

Item	Part #	Description	Qty.
	54560	PUMP, SWING (735/755/830)	1
1	CALL	RETAINING RING	1
2	57704	SHAFT SEAL RING	1
3	57591	PRESSURE RELIEF VALVE	2
4	CALL	BACK-UP RING	2
5		BACK-UP RING	2
6		PRESSURE OVERRIDE VALVE	1
7	CALL	O-RING	1

LOG LOADER HYDRAULICS

SWING PUMP COMPONENTS



H-00242D 07/24

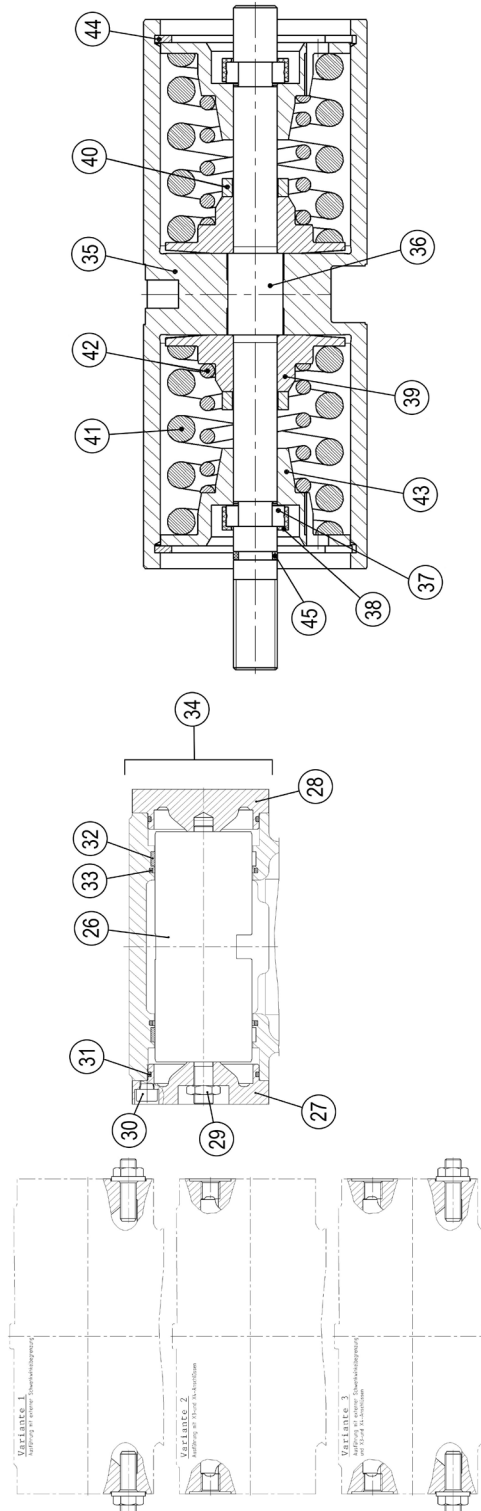
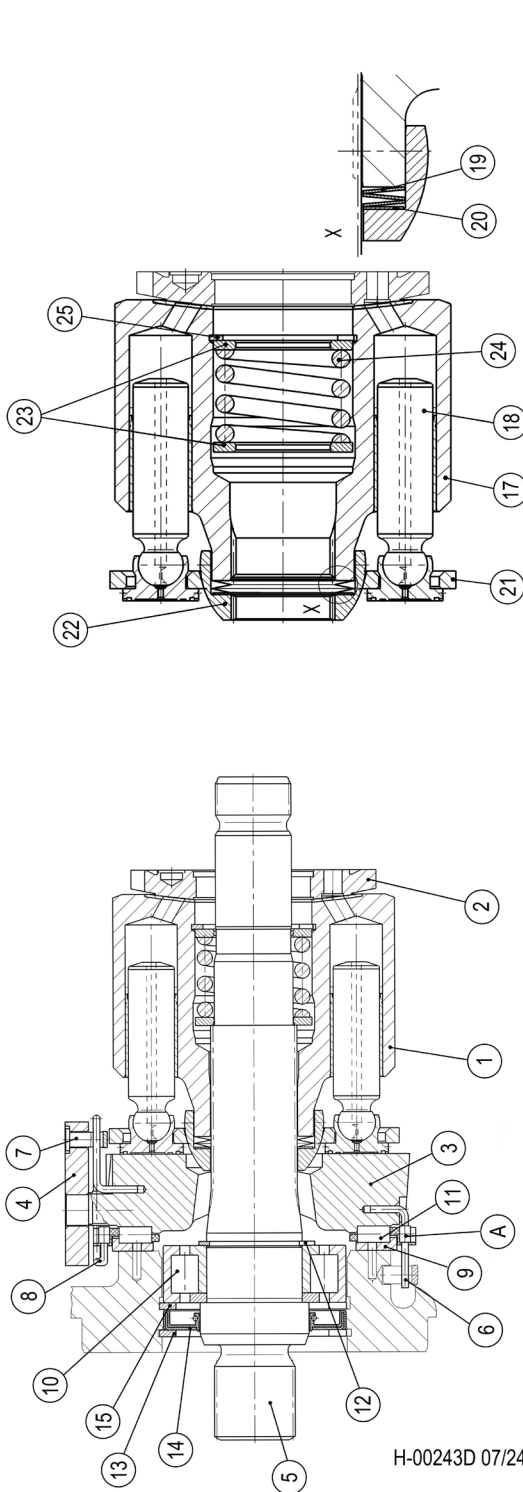
LOG LOADER HYDRAULICS

SWING PUMP COMPONENTS

Item	Part #	Description	Qty.
1	R909607708	ROTARY GROUP	1
2	R902008624	CONTROL	1
3	R902219636	CONNECTION PLATE	1
4	R902064015	PUMP COVER	1
5	R902115257	CONTROL MODULE	1
6	R902029575	HOUSING	1
7	R902132713	PIVOT PIN	1
8	R909154480	SCREW PLUG	1
9	R909153371	SCREW PLUG	2
10	R909154478	SCREW PLUG	4
11	R909153815	SCREW PLUG	3
12	R909083228	SCREW PLUG	1
13	R909086731	O-RING	1
14	R909153572	SCREW PLUG	1
15	R909831318	DOUBLE BREAK-OFF PLUG	2
16	R909156495	NOZZLE	2
17	R913016373	SLOTTED SPRING PIN	2
18	R909153364	SCREW PLUG	1
19	R909087912	SCREW PLUG	1
20	R909153378	SCREW PLUG	1
21	R909435856	ECCENTRIC SCREW	1
22	R909153271	SEALING NUT	1
23	R909156497	NOZZLE	1

LOG LOADER HYDRAULICS

SWING PUMP COMPONENTS



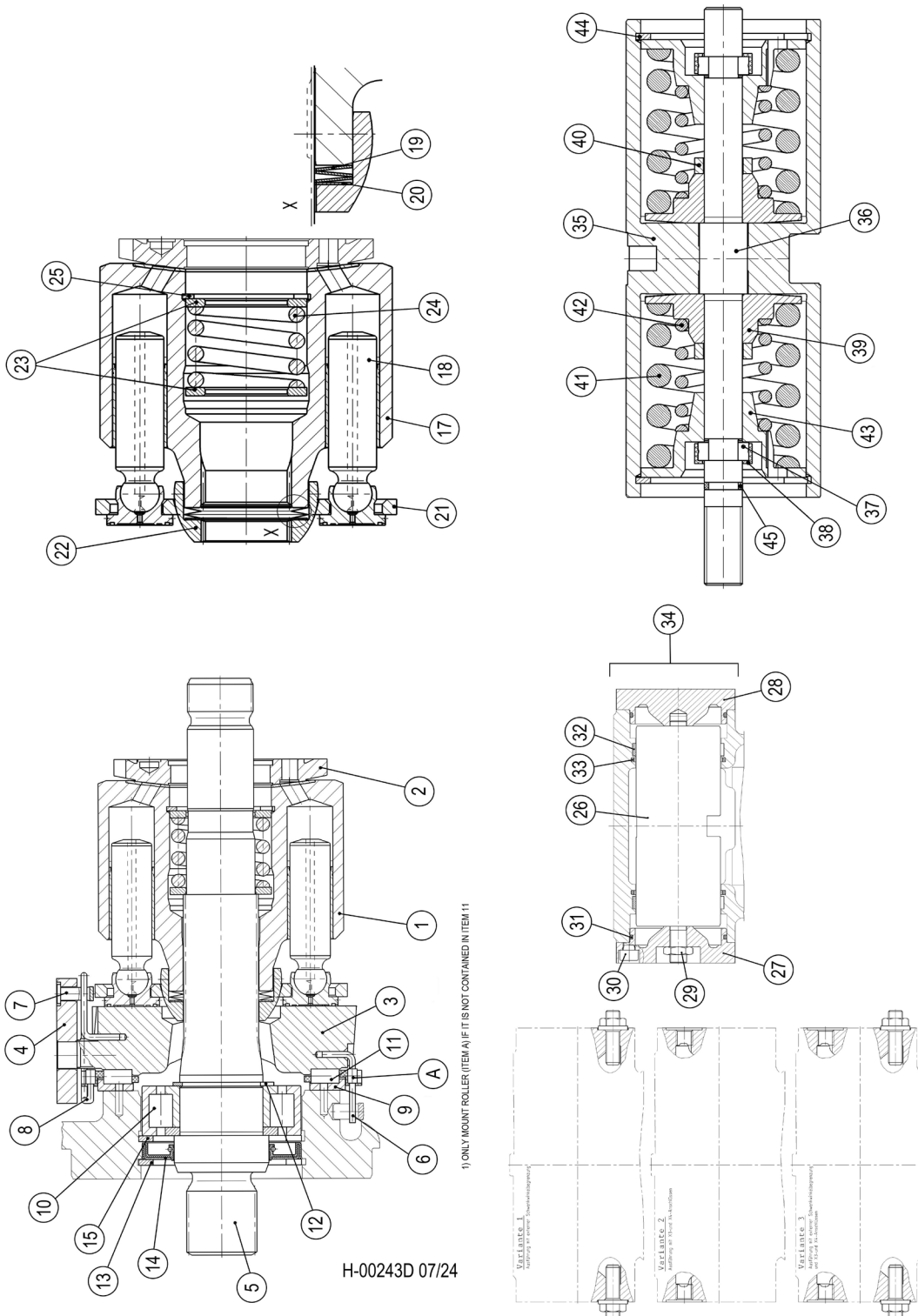
LOG LOADER HYDRAULICS

SWING PUMP COMPONENTS

Item	Part #	Description	Qty.
1	R902079268	ROTARY GROUP	1
2	R902273785	CONTROL PLATE, LEFT-HAND ROTATION	1
3	R909449544	CRADLE	1
4	R909449607	SLIDER	1
5	R909449686	DRIVE SHAFT	1
6	R909408786	WIRE	1
7	R909443447	PIVOT PIN	1
8	R909449590	WIRE	1
9	R913051689	BEARING SHELL PAIR	1
10	R909156259	CYL. ROLLER BEARING	1
11	R902603727	CAGE PAIR	1
12	R909083360	RETAINING RING	1
13	R902600000	RETAINING RING	1
14	57704	SEAL, SHAFT - SWING PUMP - 54560	1
15	R909831280	RETAINING RING	1
16	R902002388	SEAL KIT	1
17	R902262308	CYLINDER	1
18	R902279922	PISTON PAD	9
19	R902192956	CUP-SPRING STACK	1
20	R909432991	SHIM RING	1
*	R909432992	SHIM RING	1
*	R909432993	SHIM RING	1
*	R909432994	SHIM RING	1
21	R902205451	RETAINING PLATE	1
22	R909445275	RETAINING BALL	1
23	R909449683	WASHER	2
24	R909436102	COMPRESSION SPRING	1
25	R909831182	RETAINING RING	1

LOG LOADER HYDRAULICS

SWING PUMP COMPONENTS



LOG LOADER HYDRAULICS

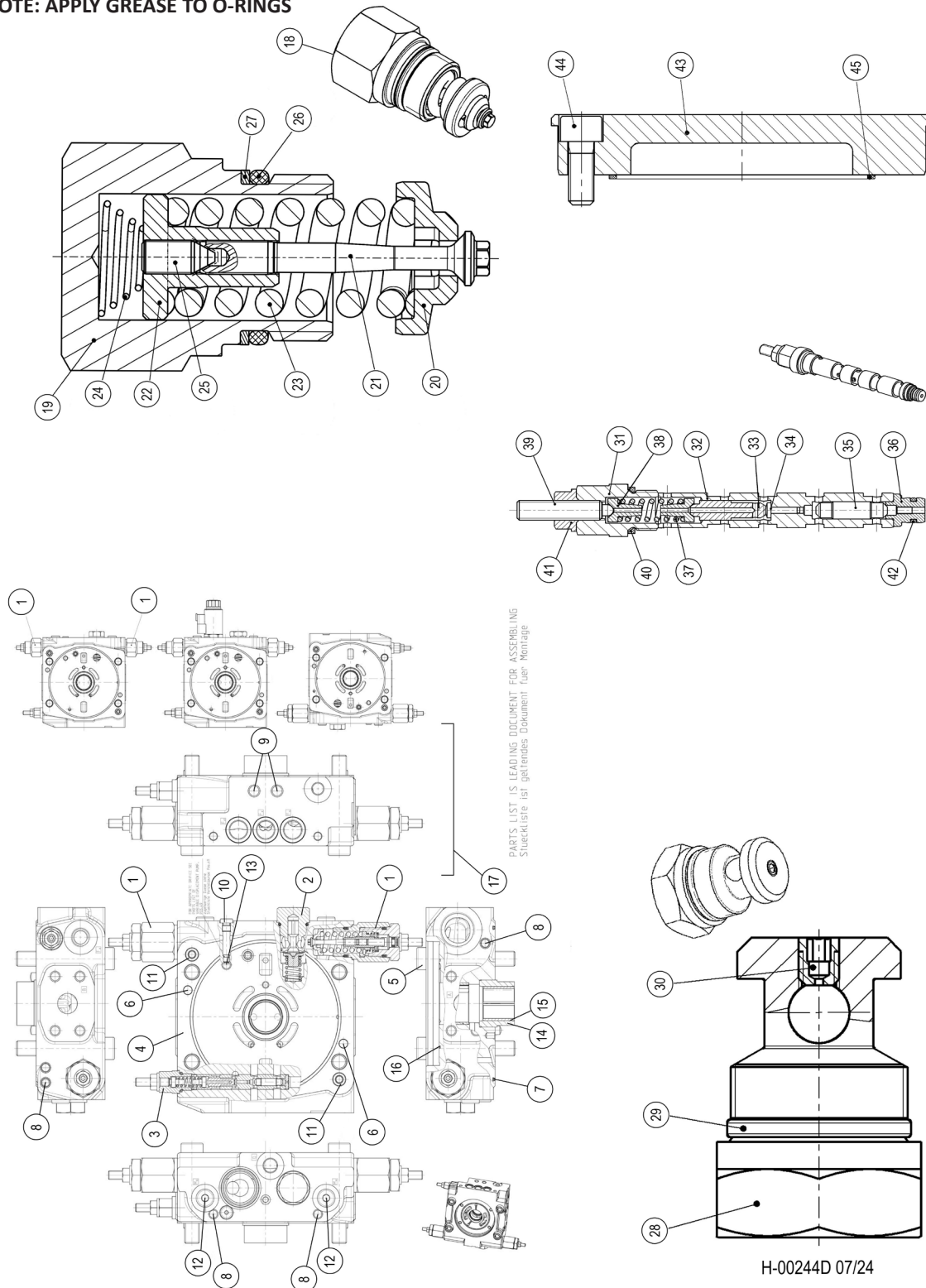
SWING PUMP COMPONENTS

Item	Part #	Description	Qty.
26	R902020483	POSITIONING PISTON	1
27	R902007563	COVER	1
28	R902007564	COVER	1
29	R909154918	HEXAGON NUT	1
30	R909083034	SOCKET HEAD CAP SCREW	8
31	R909083785	O-RING	2
32	R902600750	ROD GUIDANCE RING	2
33	R902600194	ROD SEAL	2
34	R902002371	SEAL KIT	1
35	R902222640	POSITIONING PISTON	1
36	R909449238	ROD	1
37	R902015511	RING	2
*	R902015514	RING	2
*	R902015513	RING	2
*	R902015512	RING	2
*	R902015510	RING	2
*	R902015509	RING	2
*	R902015508	RING	2
*	R902013493	RING	2
38	R902600489	LOCATING RING	2
39	R909449245	SPRING DISK	2
40	R909445783	SPACER RING	2

LOG LOADER HYDRAULICS

SWING PUMP COMPONENTS

NOTE: APPLY GREASE TO O-RINGS



LOG LOADER HYDRAULICS

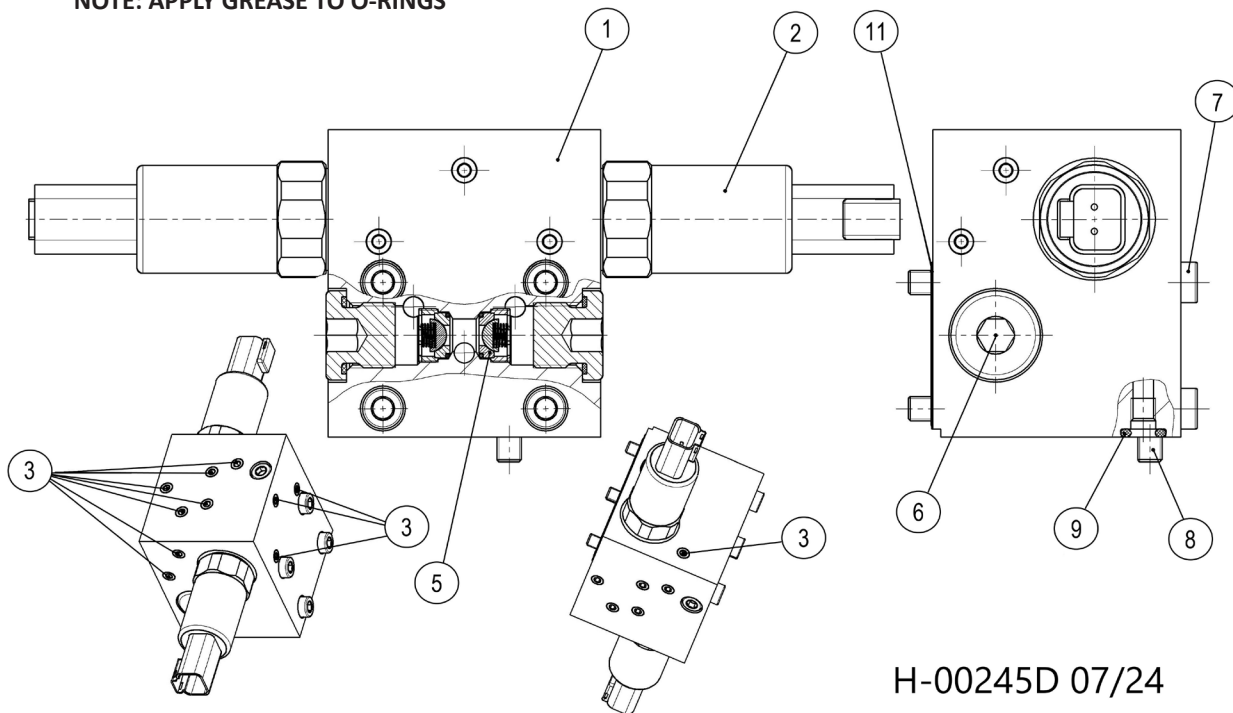
SWING PUMP COMPONENTS

Item	Part #	Description	Qty.
1	R902016386	PRESSURE RELIEF VALVE	2
2	R902152084	LOCKING SET	1
3	R909446763	PRESSURE CUT-OFF VALVE	1
4	R902153458	CONNECTION PLATE	1
5	R909153817	SOCKET HEAD CAP SCREW	4
6	R909084173	STRAIGHT PIN	2
7	R909830424	O-RING	1
8	R909831318	DOUBLE BREAK-OFF PLUG	3
9	R909831319	DOUBLE BREAK-OFF PLUG	1
10	R909154024	SCREW PLUG	1
11	R909085709	O-RING	2
12	R909154478	SCREW PLUG	2
13	R909415314	DOUBLE BREAK-OFF PLUG	1
14	R909439249	BUSHING	1
15	R902283569	BUSHING	1
16	R913037188	KANTSEAL	1
17	R902002398	SEAL KIT	1
18	R902281039	PRESSURE RELIEF VALVE	1
19	R902281222	SCREW PLUG	1
20	R902010478	VALVE PLATE	1
21	R902010477	VALVE STEM	1
22	R902016288	EXPANSION PIECE	1
23	R909921948	COMPRESSION SPRING	1
24	R902215544	COMPRESSION SPRING	1
25	R902016289	SETSCREW	1
26	R909083761	O-RING	1
27	R909831768	BACKUP RING	1
28	R902011417	SCREW PLUG	1
29	R909083761	O-RING	1
30	R909156494	NOZZLE	1
31	R909449886	SCREW PLUG	1
32	R909431452	VALVE BUSHING	1
33	R909432162	CONTROL PISTON	1
34	R909432163	PISTON	1
35	R909432164	VALVE SPOOL	1
36	R909436284	VALVE SEAT	1
37	R902168277	COMPRESSION SPRING	1
38	R902049851	SPRING DISK	2
39	R909432167	ADJUSTING SCREW	1
40	R909083752	O-RING	1
41	R909152707	SEALING NUT	1
42	R909086380	O-RING	1
43	R902063317	PUMP COVER	1
44	R909083036	SOCKET HEAD CAP SCREW	4
45	R902002410	SEAL KIT	1

LOG LOADER HYDRAULICS

SWING PUMP COMPONENTS

NOTE: APPLY GREASE TO O-RINGS

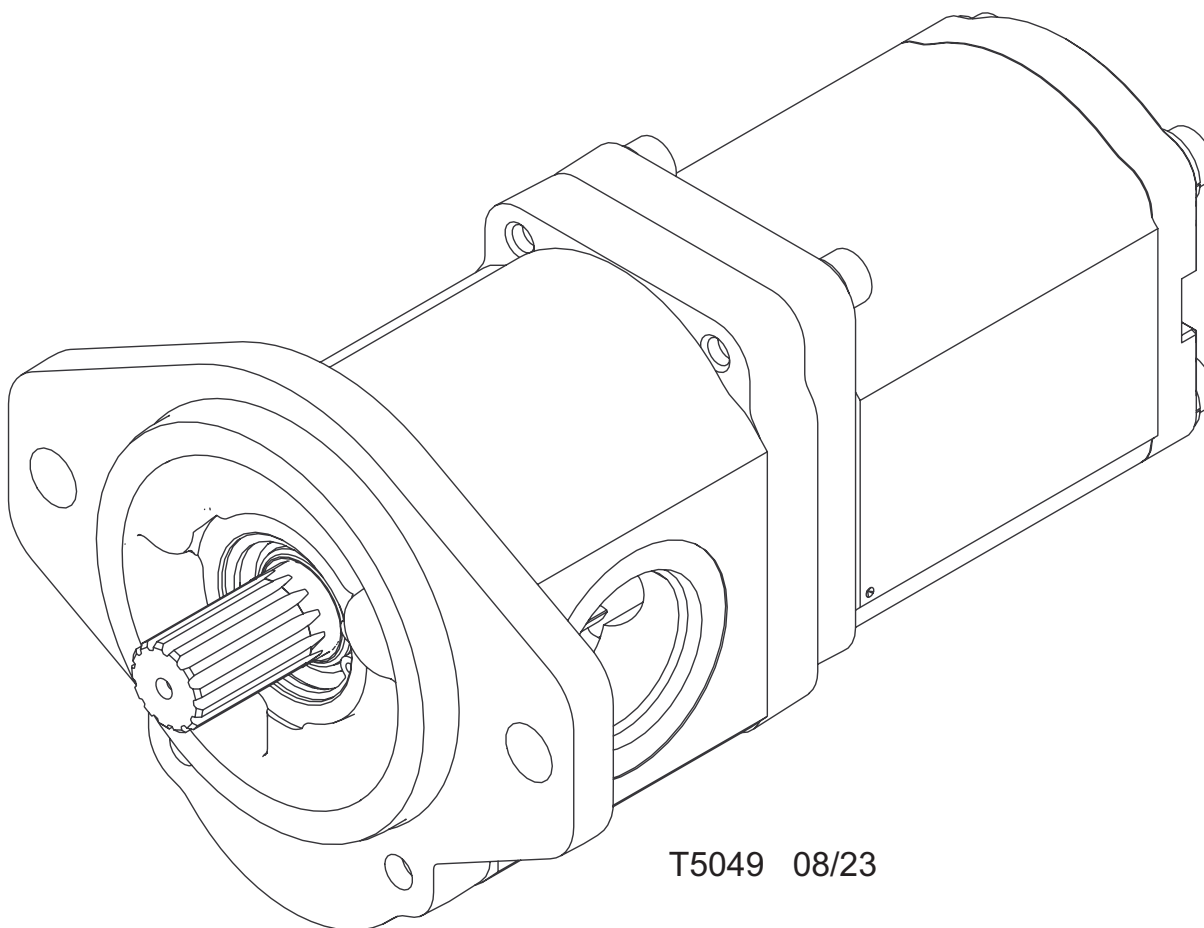


H-00245D 07/24

Item	Part #	Description	Qty.
1	R902115246	HOUSING	1
2	57591	VALVE, SWING PUMP (R901121566)	2
3	R902600705	PLUG	11
4	R902603829	SEAL	1
5	R909831957	CHECK VALVE	2
6	R909153816	SCREW PLUG	2
7	R909085831	SOCKET HEAD CAP SCREW	4
8	R909086491	SOCKET HEAD CAP SCREW	1
9	R909157512	O-RING	1

LOG LOADER HYDRAULICS

CHARGE PUMP (DUAL FLOW)



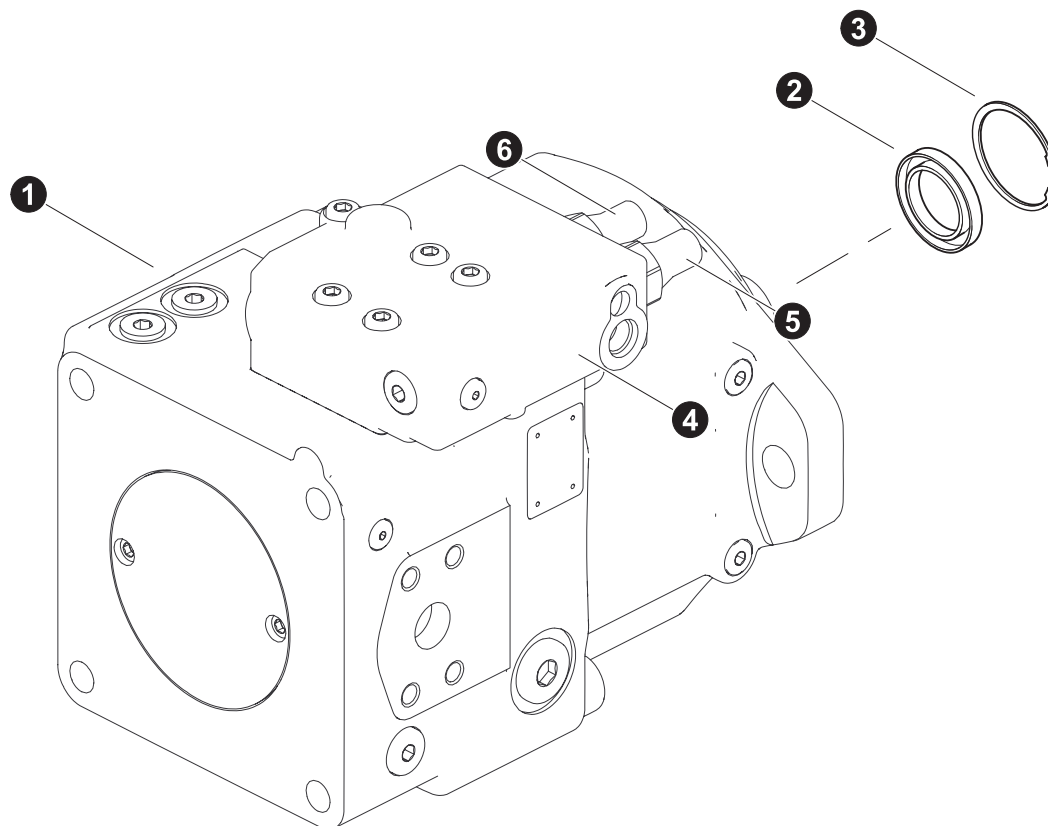
T5049 08/23

Item	Part #	Description	Qty.
*	57609	PUMP, CHARGE - DUAL FLOW	1
*	58177	SHAFT SEAL - 25.4-38.1-6.35 NBR	1
*	55323	SEAL KIT	1
*	21624	O-RING, CHARGE PUMP PILOT (AA4VG90)	1
*	2063677AD	COUPLING, CHARGE PUMP	1

*MEANS NOT SHOWN

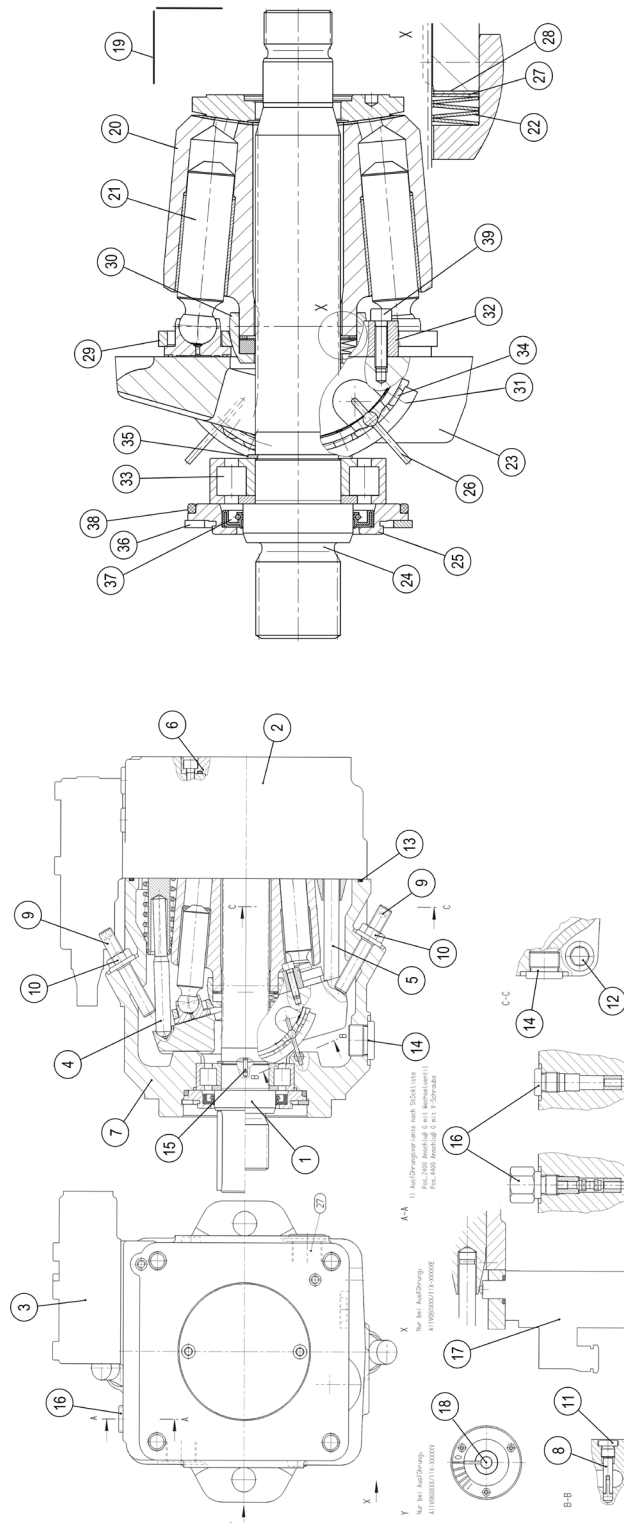
LOG LOADER HYDRAULICS

AUXILARY DISC SAW PUMP, HIGH PRESSURE - (60CC)



Item	Part #	Description	Qty.
	54523	PUMP, DISC SAW - HIGH PRESSURE (60CC)	1
1	57451	SEAL, SHAFT - DISC SAW (HIGH PRESSURE)	1
2	20685	RING, SNAP - SHAFT SEAL (AA6VM160 MOTOR)	1
3	R909601060	REGULATOR	1
4	R909608948	CONTROL ELEMENT	1
5	R909609420	CONTROL ELEMENT	1
	58256	ORING - THRU-DRIVE (GREEN- HIGH TEMP) (NOT SHOWN)	1
	24532	PRESSURE SWITCH (NOT SHOWN)	1
	R987053846	KIT, SEAL REPAIR - DISC SAW PUMP	1

LOG LOADER HYDRAULICS



H-00236D 07/24

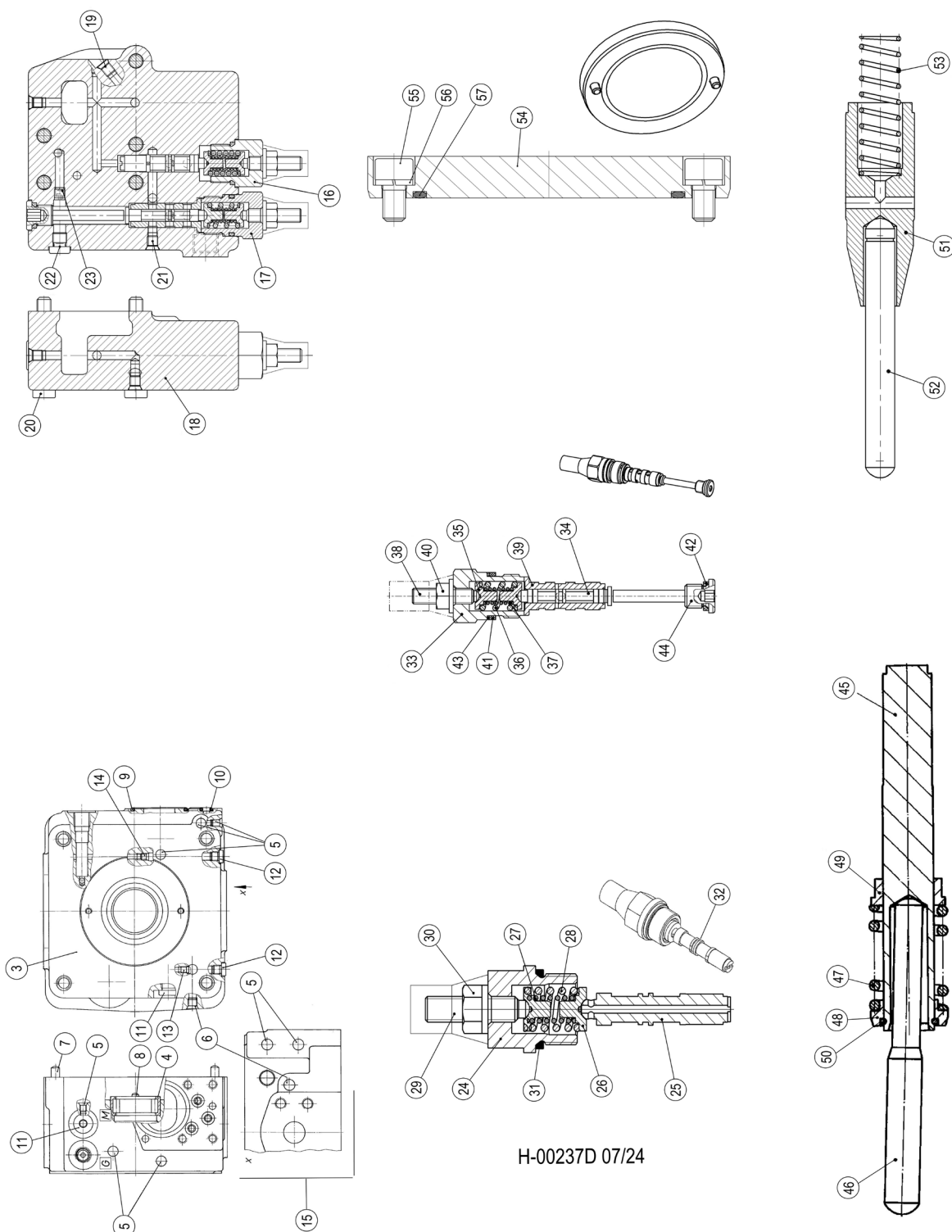
LOG LOADER HYDRAULICS

60CC AUXILARY PUMP COMPONENTS

Item	Part #	Description	Qty.
1	R902044500	ROTARY GROUP	1
2	R909613038	CONNECTION PLATE, LL	1
3	R909601060	REGULATOR	1
4	R909446454	CONTROL	1
5	R909441158	CONTROL	1
6	R909441156	COVER	1
7	R902118161	HOUSING	1
8	R902132714	PIVOT PIN	4
9	R909449078	SETSCREW	2
10	R909152426	SEALING NUT	2
11	R909153364	SCREW PLUG	4
12	R909153680	SOCKET HEAD CAP SCREW	4
13	R909830217	O-RING	1
14	R909153339	SCREW PLUG	2
15	R913016373	SLOTTED SPRING PIN	2
16	R909153371	SCREW PLUG	1
17	R902004934	CONTROL SLEEVE	-
18	R909444953	SETSCREW	-
19	R902002457	SEAL KIT	1
20	R902044493	CYLINDER	1
21	R909440190	PISTON PAD	9
22	R909074126	CUP-SPRING STACK	1
23	R909440397	CRADLE	1
24	R909449724	DRIVE SHAFT	1
25	R909440442	LOCKING RING	1
26	R909076233	WIRE	4
27	R909078316	SHIM RING	1
*	R909078317	SHIM RING	1
*	R909411553	SHIM RING	1
*	R909411554	SHIM RING	1
28	R909078317	SHIM RING	1
29	R902205417	RETAINING PLATE	1
30	R902041870	RETAINING BALL	1
31	R902066586	BEARING SHELL PAIR	1
32	R909432414	RETAINING SEGMENT	2
33	R909153801	CYL. ROLLER BEARING	1
34	R909831918	CAGE PAIR	1
35	R909083360	RETAINING RING	1
36	R909083416	RETAINING RING	1
37	R909831179	ROTARY SHAFT LIP-TYPE SEAL	1
38	R909083822	O-RING	1
39	R909831328	SOCKET HEAD CAP SCREW	4

LOG LOADER HYDRAULICS

60CC AUXILARY PUMP COMPONENTS



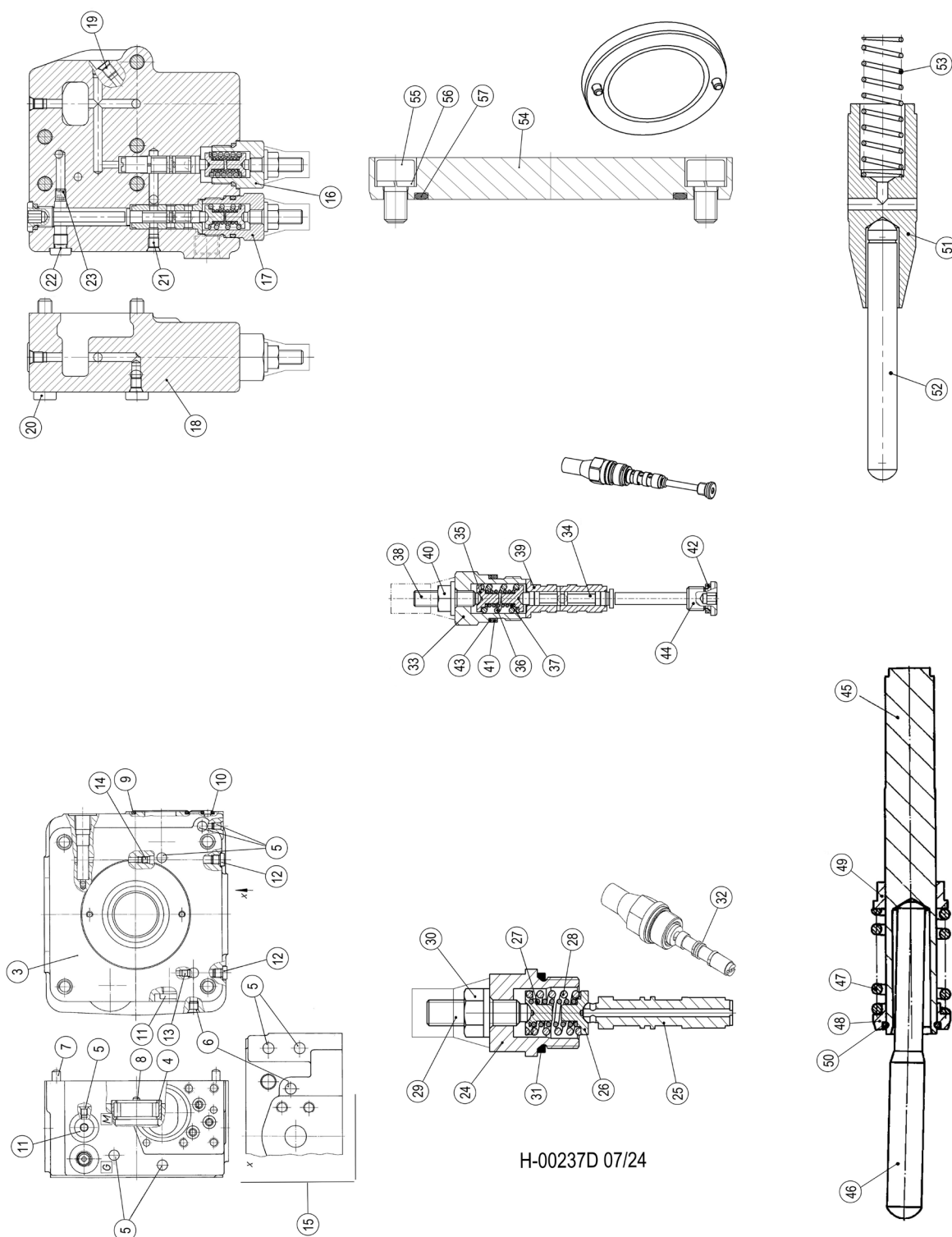
LOG LOADER HYDRAULICS

60CC AUXILARY PUMP COMPONENTS

Item	Part #	Description	Qty.
1	R902044491	CYLINDER	1
2	R902010095	CONTROL PLATE, LEFT-HAND ROTATION	1
3	R909651962	CONNECTION PLATE, LL	1
4	R909156249	CYL. ROLLER BEARING	1
5	R909831318	DOUBLE BREAK-OFF PLUG	4
6	R909831319	DOUBLE BREAK-OFF PLUG	1
7	R909084213	STRAIGHT PIN	2
8	R909087755	STRAIGHT PIN	1
9	R909086336	O-RING	1
10	R902602890	R-RING	3
11	R909153371	SCREW PLUG	2
12	R909154024	SCREW PLUG	2
13	R909156494	NOZZLE	1
14	R909156493	NOZZLE	1
15	R902002464	SEAL KIT	1
16	R909609420	CONTROL ELEMENT	1
17	R909608948	CONTROL ELEMENT	1
18	R909651695	CONTROL HOUSING	1
19	R909445306	DOUBLE BREAK-OFF PLUG	1
20	R909083043	SOCKET HEAD CAP SCREW	5
21	R909831318	DOUBLE BREAK-OFF PLUG	7
22	R909154024	SCREW PLUG	1
23	R909156490	NOZZLE	1
24	R909440779	SCREW PLUG	1
25	R902004621	CONTROL PISTON	1

LOG LOADER HYDRAULICS

60CC AUXILARY PUMP COMPONENTS



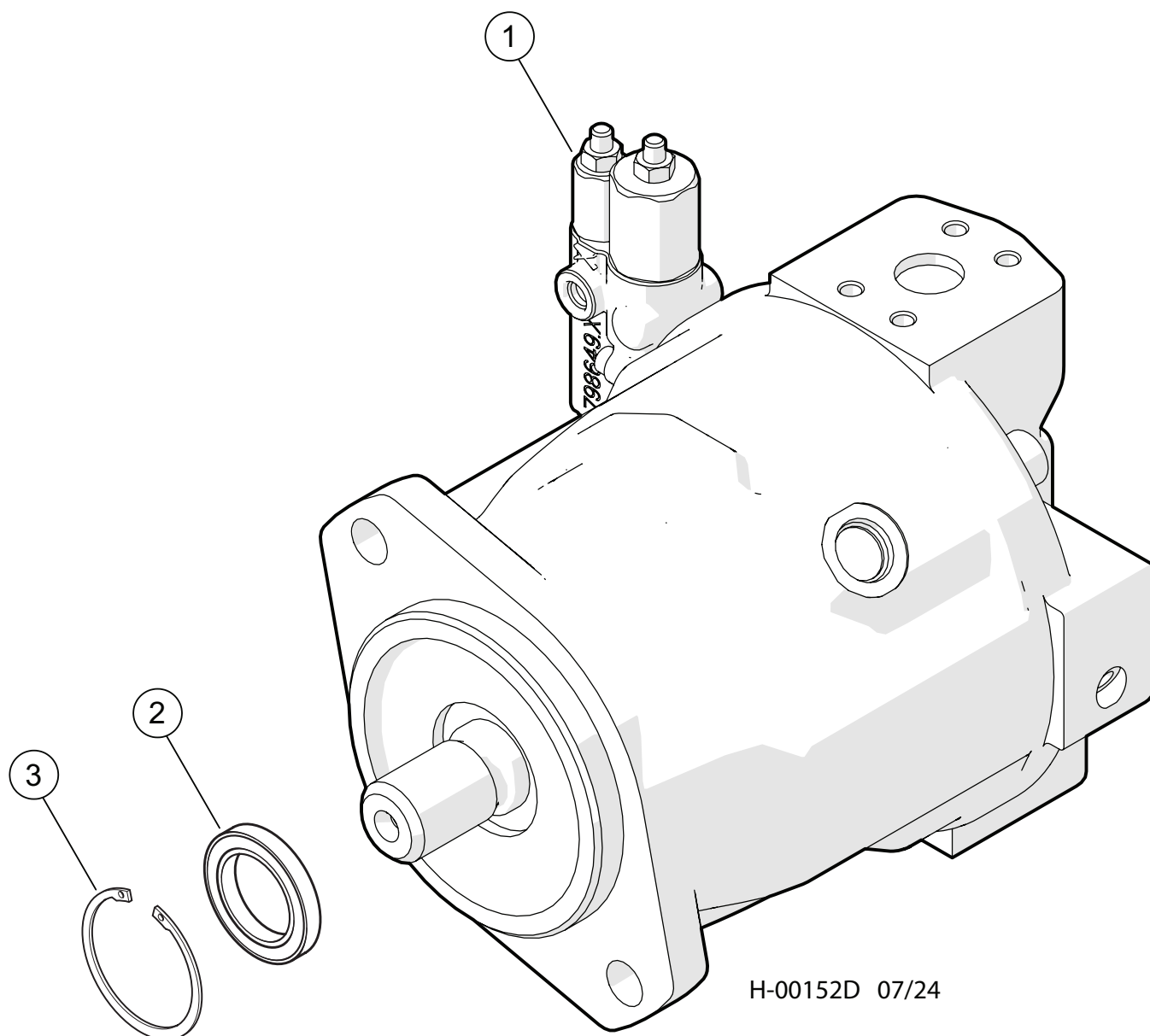
LOG LOADER HYDRAULICS

60CC AUXILARY PUMP COMPONENTS

Item	Part #	Description	Qty.
26	R909444160	SPRING BOLT	2
27	R909436395	COMPRESSION SPRING	1
28	R909436795	COMPRESSION SPRING	1
29	R909444953	SETSCREW	1
30	R909152707	SEALING NUT	1
31	R909083758	O-RING	1
32	902221229	SEAL KIT	1
33	R902262155	SCREW PLUG	1
34	R909449719	CONTROL PISTON	1
35	R909436839	SPRING BOLT	2
36	R909436394	COMPRESSION SPRING	1
37	R909436395	COMPRESSION SPRING	1
38	R909444953	SETSCREW	1
39	R902004934	CONTROL SLEEVE	1
40	R909152707	SEALING NUT	1
41	R909083758	O-RING	1
42	R909083749	O-RING	1
43	R900228795	BACKUP RING	1
44	R902029165	SCREW PLUG	1
45	R909445195	POSITIONING PISTON	1
46	R909445749	ADJUSTING ROD	1
47	R909440770	COMPRESSION SPRING	1
48	R909440739	SPRING DISK	1
49	R902025360	BUSHING	1
50	R909830683	SNAP RING	1
51	R909651665	RESET PISTON	1
52	R902192192	RESET ROD	1
*	R909651662	RESET ROD	1
*	R909651663	RESET ROD	1
*	R909651664	RESET ROD	1
53	R909440771	COMPRESSION SPRING	1

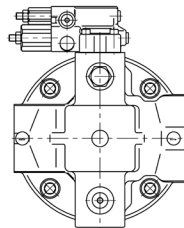
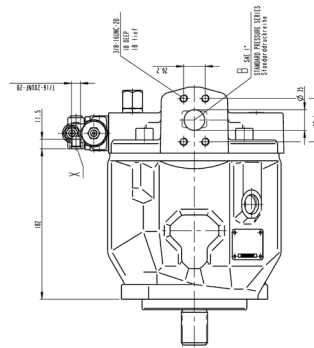
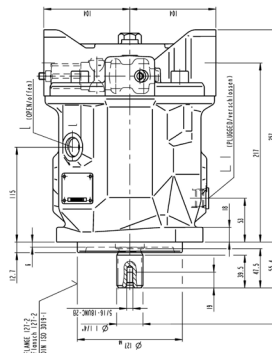
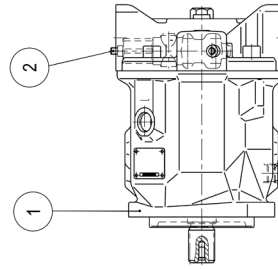
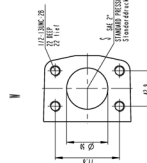
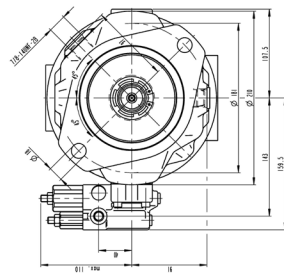
LOG LOADER HYDRAULICS

AUXILARY PUMP, MAX VOLUME - (71CC)

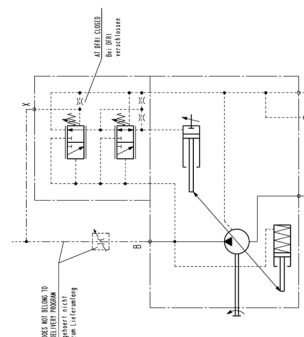


Item	Part #	Description	Qty.
	19509	PUMP, AUX.-BRUSH CUTTER (W/MAX VOL) 71cc	1
1	201032304-50	UNLOADING BLOCK	1
2	20685	RETAINING RING	1
3	R910764701	SHAFT SEAL RING	1
	R902088365	COUPLING (NOT SHOWN)	1
	54032	THRU DRIVE - W/TRACK DRIVE PUMP (NOT SHOWN)	1
	5140-635-007	SEAL KIT	1

LOG LOADER HYDRAULICS



H-00223D 07/24



THE DIMENSIONS OF DFR1 AND DFR ARE IDENTICAL
Abmessungen von DFR1 sind mit DFR identisch

SUBJECT TO CHANGE WITHOUT NOTICE

SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS FOR UNMACHINED EDGES ARE APPROXIMATE

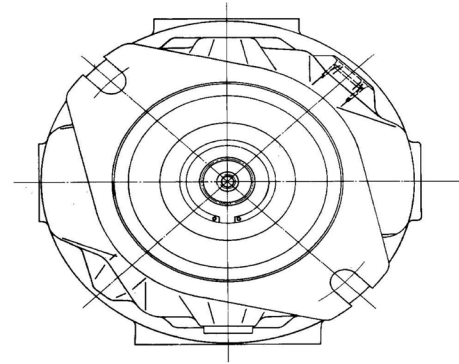
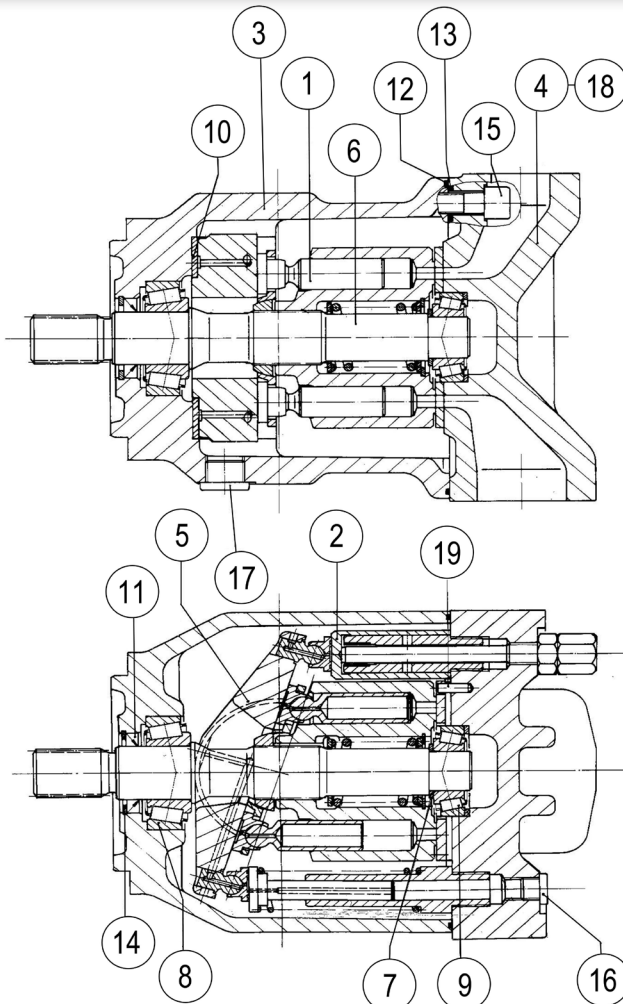
Änderungen vorbehalten
Weser fuer nicht bearbeitete Karten sind Richtmaße

SYMBOLS FOR PORT CONNECTIONS/ Bezeichnung der Anschlüsse		PLUGGED WITH/ verstopfen mit
8	POSSIBLE PORT	
9	SLOTION PORT	SAE 1 STEEL CONVERS/21mm anodierung
10	SAE 1 STEEL	SAE 2 STEEL CONVERS/21mm anodierung
11	SAE 2 STEEL	7/8"-NUN-28 PLASTIC SCREW PLUG/Mount to Verschlussstrahle
12	7/8"-NUN-28 PLASTIC SCREW	7/8"-NUN-28 STEEL SCREW PLUG/Steuerstrahle
13	7/8"-NUN-28 STEEL SCREW	7/8"-NUN-28 STEEL SCREW PLUG/Steuerstrahle
14	7/8"-NUN-28 STEEL SCREW	7/8"-NUN-28 STEEL SCREW PLUG/Steuerstrahle

Item	Part #	Description	Qty.
1	CALL	BASE UNIT	1
2	CALL	CONTROL VALVE	1

LOG LOADER HYDRAULICS

71CC AUXILIARY PUMP COMPONENTS

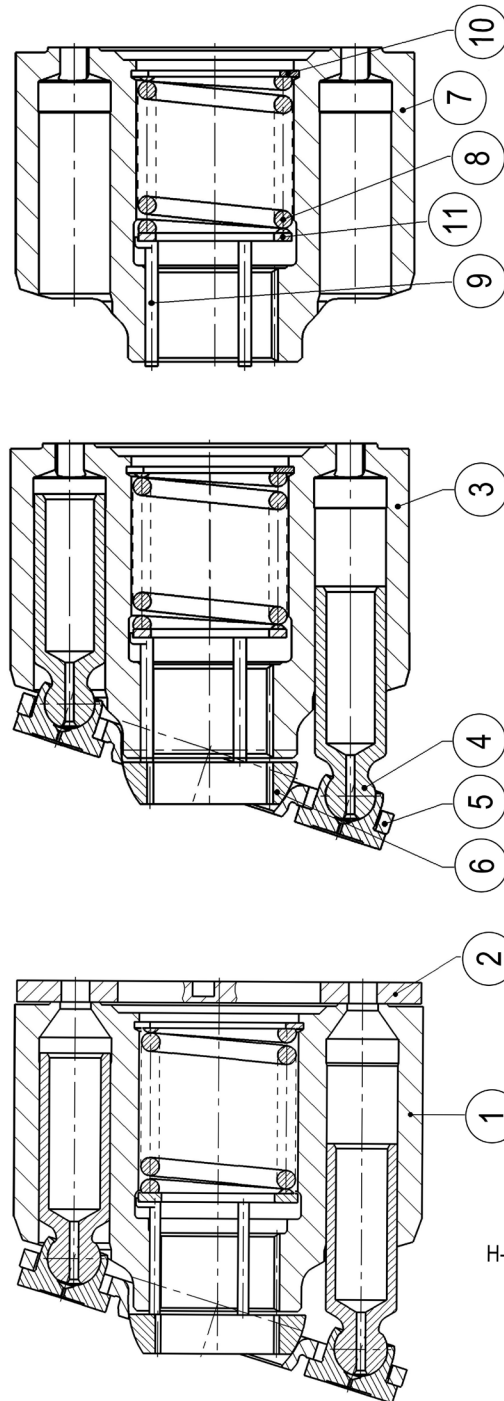


H-00224D 07/24

Item	Part #	Description	Qty.
1	R910960499	ROTARY GROUP	1
2	R902538141	ADJUSTING PIECE	1
3	R910915775	PUMP HOUSING	1
4	R902426033	CONNECTION PLATE	1
5	R910961020	SWASH PLATE	1
6	R910998844	DRIVE SHAFT	1
7	R910939005	ADJUSTMENT SHIM	1
8	R910720224	TAPERED-ROLLER BEARING	1
9	R910720232	TAPERED-ROLLER BEARING	1
10	R910902777	BEARING SHELL	2
11	R910764701	SHAFT SEALING RING	1
12	R910720194	O-RING	1
13	R913052118	R-RING	4
14	R910941918	RETAINING RING	1
15	R910110272	SOCKET HEAD CAP SCREW	4
16	R909151979	SCREW PLUG	1
17	R909153339	SCREW PLUG	1
18	R902584425	DOUBLE BREAK-OFF PLUG	1
19	R902533908	STRAIGHT PIN	1

LOG LOADER HYDRAULICS

71CC AUXILIARY PUMP COMPONENTS



H-00226D -07/24

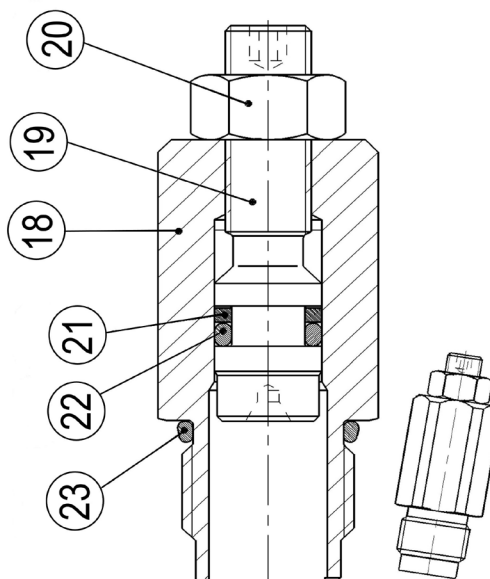
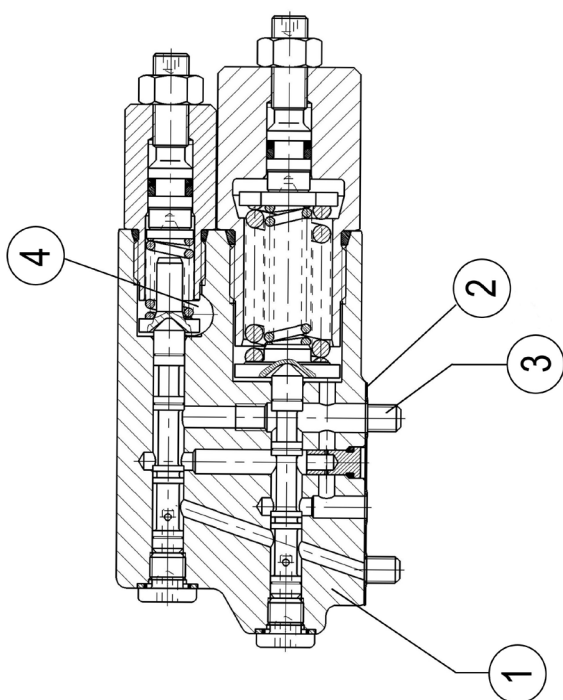
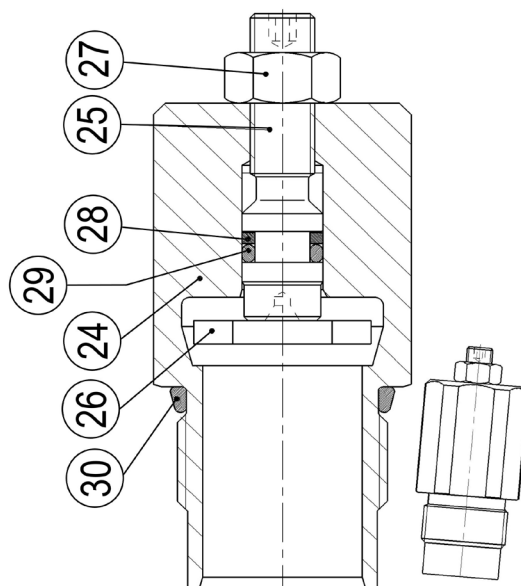
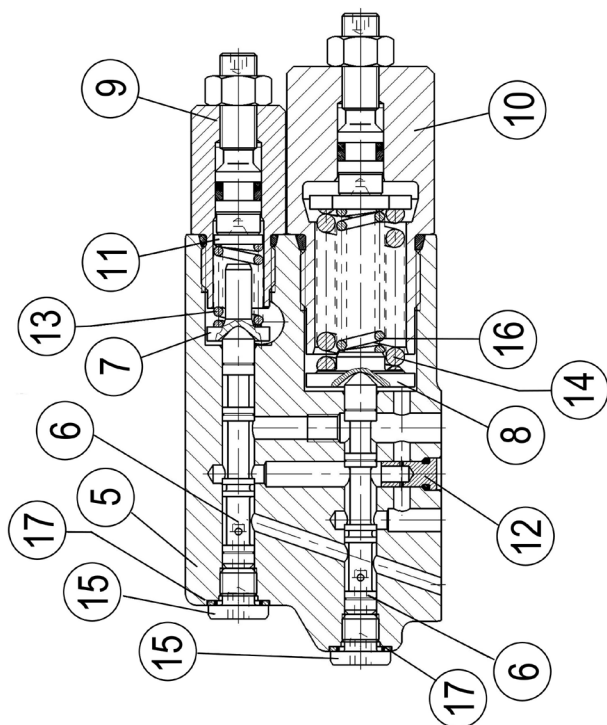
LOG LOADER HYDRAULICS

71CC AUXILARY PUMP COMPONENTS

Item	Part #	Description	Qty.
1	R910993465	ROTARY GROUP	1
2	R902445480	DISTRIBUTOR PLATE	1
3	R902512987	CYLINDER ASSEMBLY KIT	1
4	R902431406	PISTON PAD	9
5	R902437512	RETAINING PLATE	1
6	R902443449	RETAINING BALL	1
7	R910999302	CYLINDER	1
8	R910720178	COMPRESSION SPRING	1
9	R902400741	PRESSURE PIN	3
10	R910919038	V-RING	1
11	R910720186	SUPPORTING DISC	1

LOG LOADER HYDRAULICS

71CC AUXILIARY PUMP COMPONENTS



H-00233D 07/24

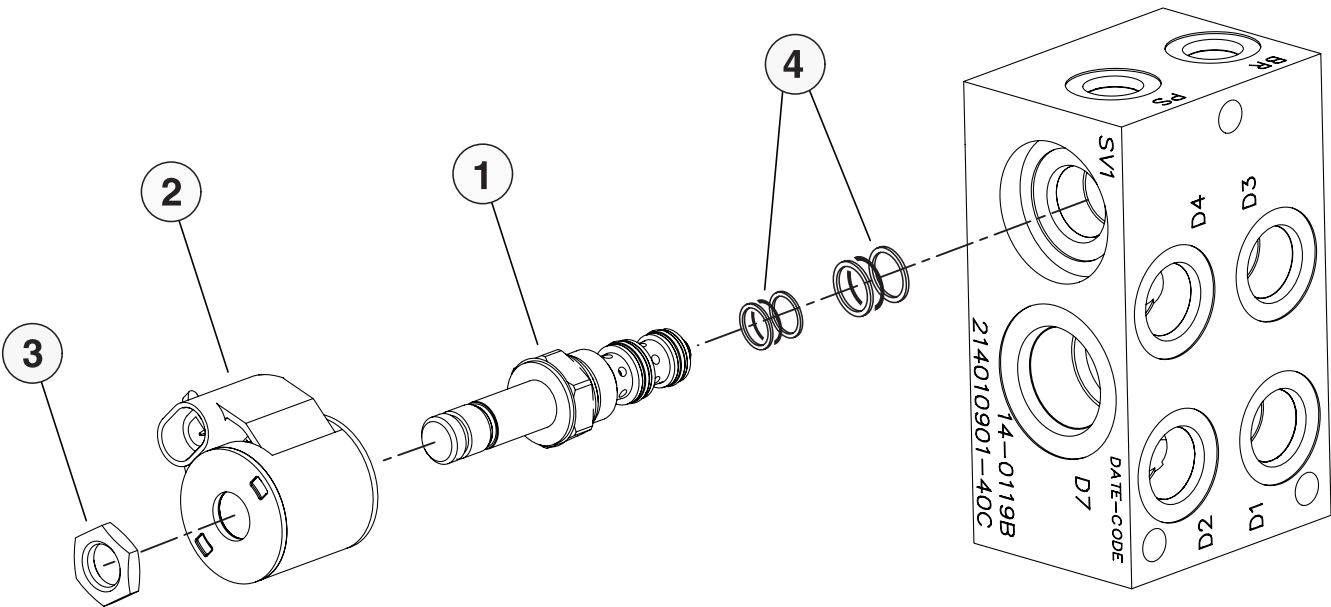
LOG LOADER HYDRAULICS

71CC AUXILARY PUMP COMPONENTS

Item	Part #	Description	Qty.
1	R902470582	CONTROL VALVE	1
2	R902573525	SEAL	1
3	R910900443	SOCKET HEAD CAP SCREW	4
4	R910764647	SCREW PLUG	1
5	R902434572	VALVE HOUSING	1
6	R910900311	VALVE SPOOL	2
7	R910920595	SPRING DISK	1
8	R902449500	SPRING DISK	1
9	R902451578	SERVO UNIT	1
10	R902451580	SERVO UNIT	1
11	R910900362	WASHER	1
12	R902451582	ORIFICE	1
13	R910920596	COMPRESSION SPRING	1
14	R910707031	COMPRESSION SPRING	1
15	R910933812	SCREW PLUG	2
16	R910911509	COMPRESSION SPRING	1
17	R910642827	BONDED SEAL RING	2
18	R902448797	SCREW PLUG	1
19	R902445453	STUD BOLT	1
20	R910934194	HEXAGON NUT	1
21	R910946269	BACKUP RING	1
22	R910080519	O-RING	1
23	R910919314	O-RING	1
24	R902474069	SCREW PLUG	1
25	R902445453	STUD BOLT	1
26	R902417465	WASHER	1
27	R910934194	HEXAGON NUT	1
28	R910946269	BACKUP RING	1
29	R910080519	O-RING	1
30	R910919322	O-RING	1

LOG LOADER HYDRAULICS
CASE DRAIN MANIFOLD

NOTE: APPLY GREASE TO O-RINGS

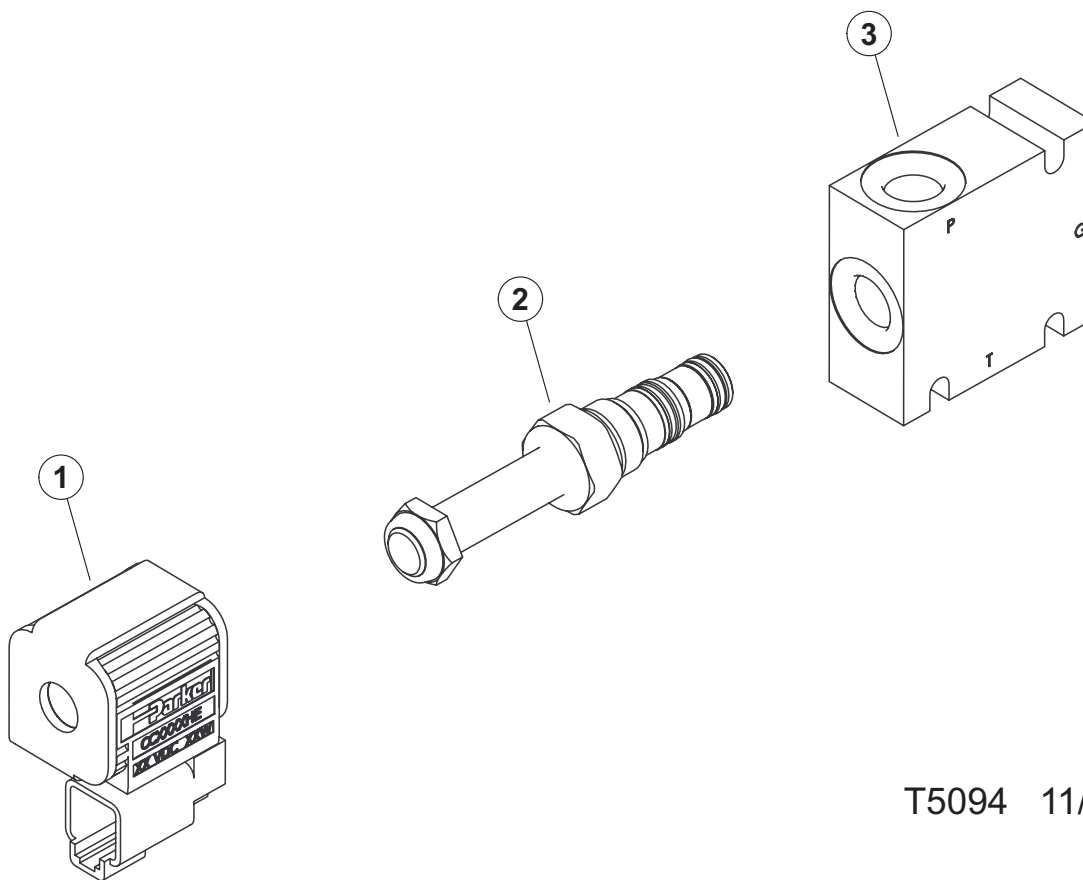


H-00145D 07/24

Item	Part #	Description	Qty.
	55259	MANIFOLD, CASE DRAIN/SWING LOCK	1
1	SV08-31-0-N-00	VALVE, SOLENOID - PARKING BRAKE	1
2	4304024	COIL	1
3	7004400	NUT	1
4	SK08-3X-MM	KIT, SEAL	1
			1

LOG LOADER HYDRAULICS

AUTO GREASE MANNIFOLD

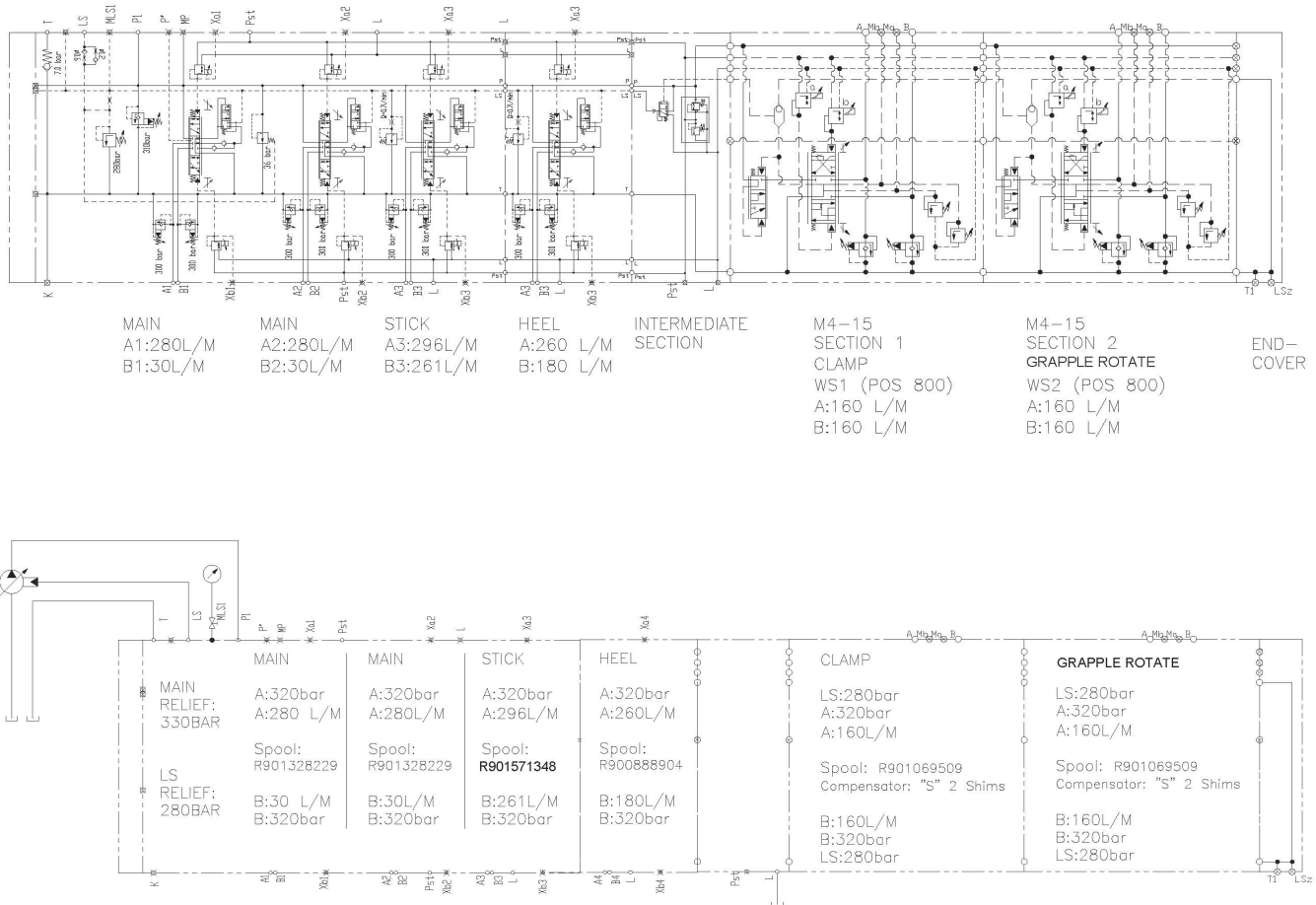


T5094 11/23

REF	PART #	QTY	DESCRIPTION	SEE SECTION
	57509	1	VALVE, AUTO GREASE SYSTEM	
1	CCXXXHE	1	COIL - 24V	
2	DSL083A	1	CARTRIDGE	
3	57509-BODY	1	BODY	

LOG LOADER HYDRAULICS

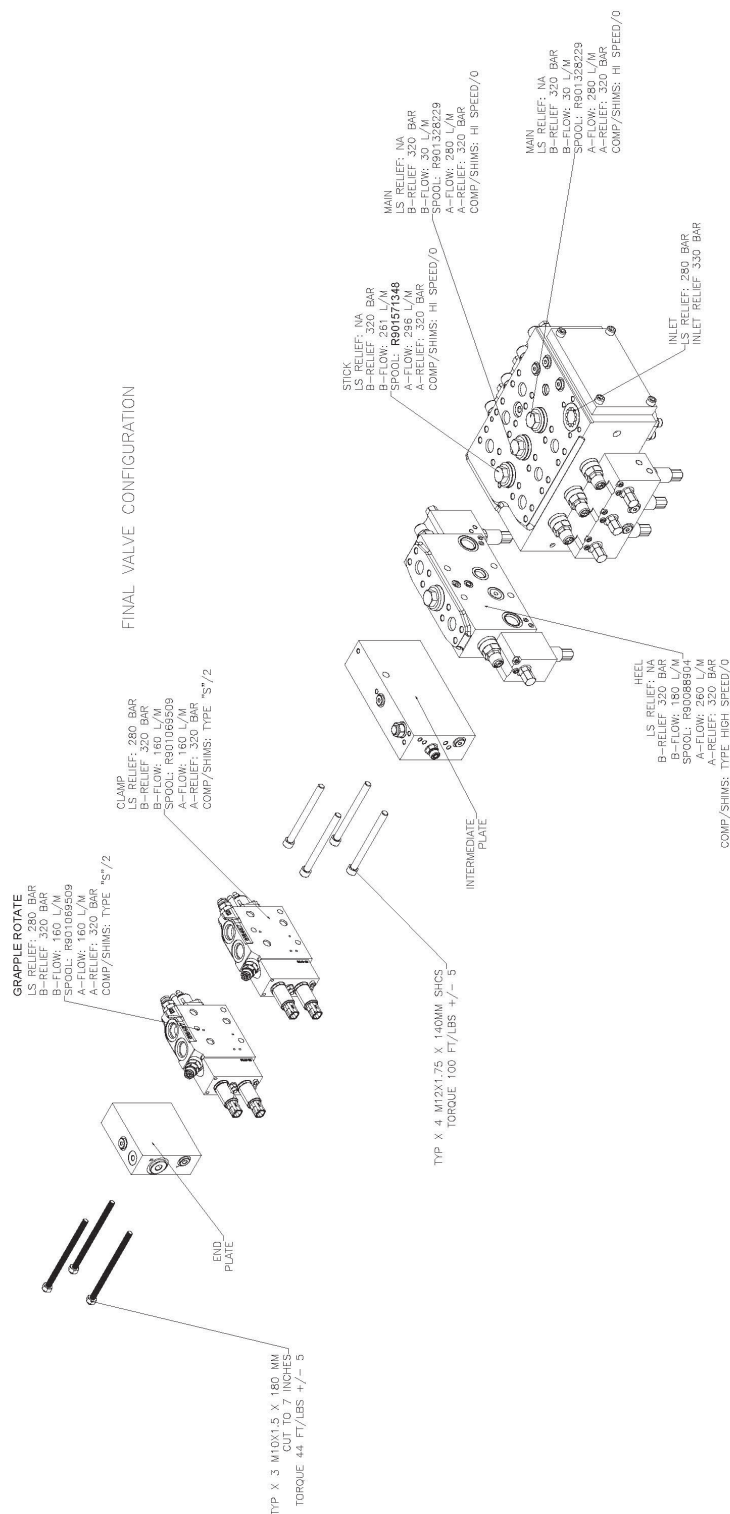
REXROTH MAIN CONTROL VALVE - (UP TO SN. 1153)



Ref Number	Cust Ref Nbr	Qty	Manufacturer	Model	Description
1		1	Bosch-Rexroth	M7-G6452-30/8M7-22W	M7-22 Mono Block
1.1	Rotate/ 801	-1	Bosch-Rexroth	M4-15-2X/S220M220E150-150W28H320H320 POS 801	M4-15 Valve Section Timber Pro
1.2	Level Left/Right/802	-2	Bosch-Rexroth	M4-15-2X/SQMQQ100-100W28-H300H300 POS 802	M4-15 Valve Section Timber Pro
1.3	Heel	1	Bosch-Rexroth	M7-22-3X/1e296-261LDW81K4H330H330 Timber Pro	M7-22 Valve Section
2		4	McMaster Carr	91290A644	M12x1.75 x 140mm
3		1	McMaster Carr	1078N13	M10 x 1.5 x 1M Class 10.9

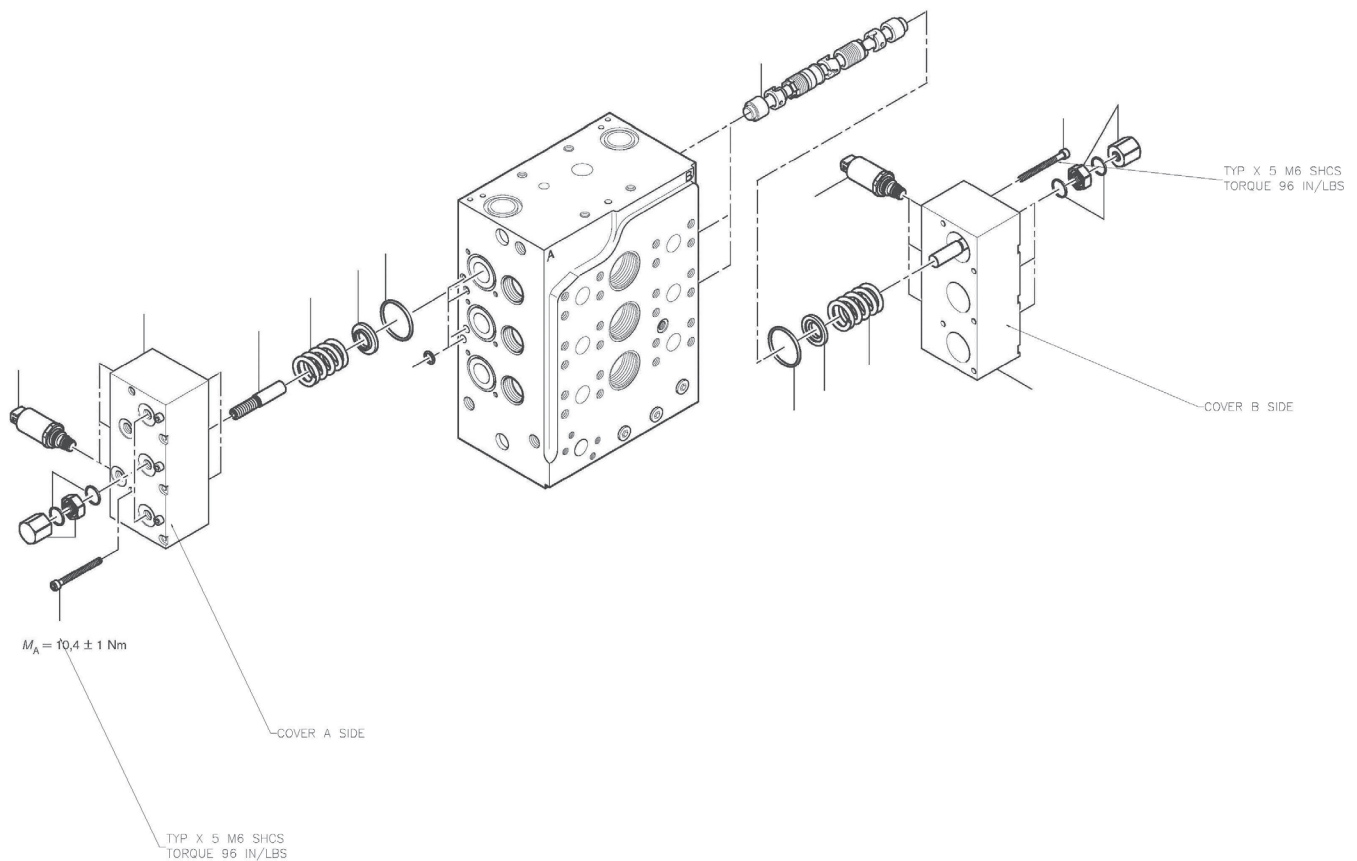
LOG LOADER HYDRAULICS

REXROTH MAIN CONTROL VALVE - (COMPLETE VALVE) - - (UP TO SN. 1153)



LOG LOADER HYDRAULICS

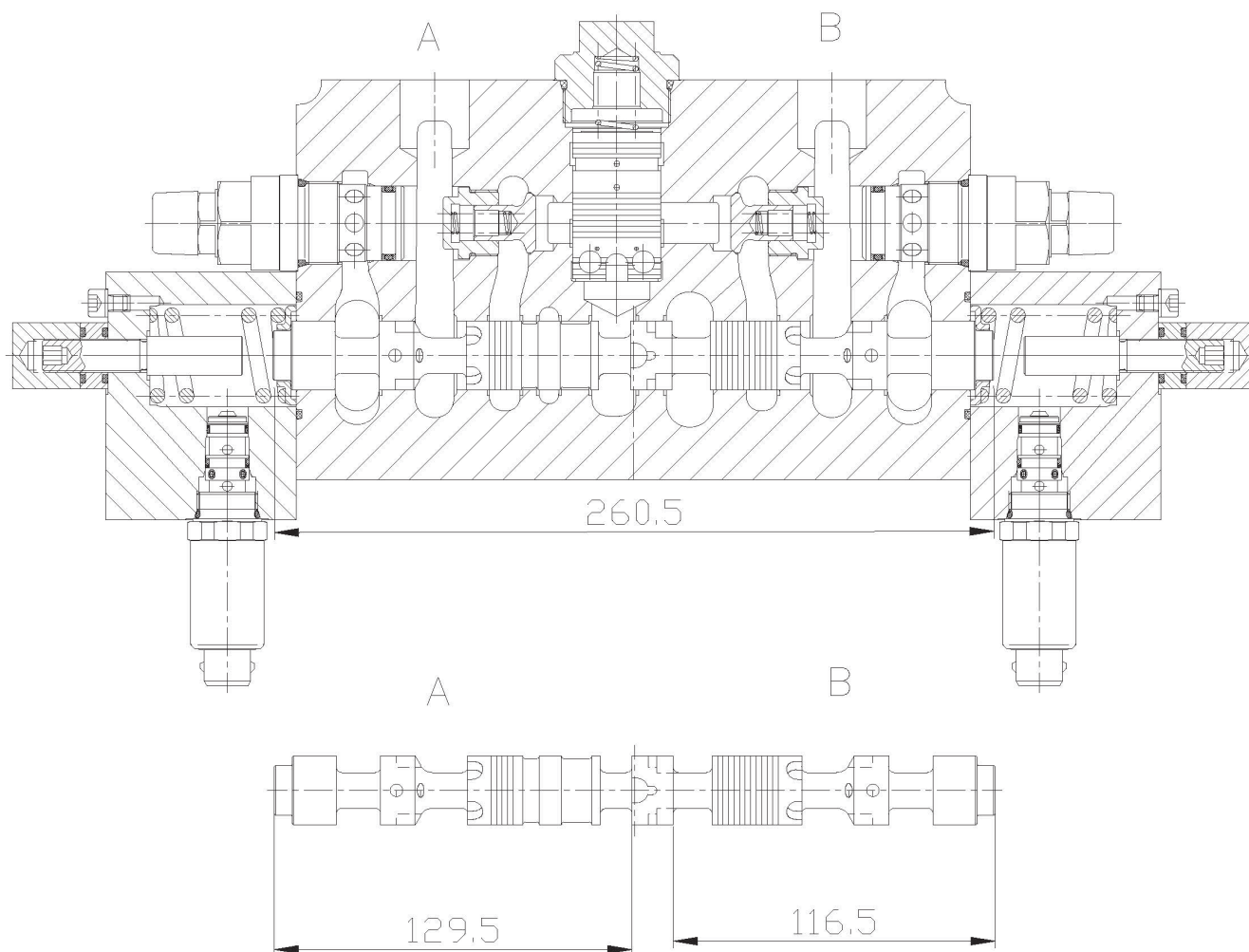
REXROTH MCV - (M7 MONOBLOCK VALVE SECTIONS) - (UP TO SN. 1153)



LOG LOADER HYDRAULICS

REXROTH MAIN CONTROL VALVE - (M7 MONOBLOCK) - - (UP TO SN. 1153)

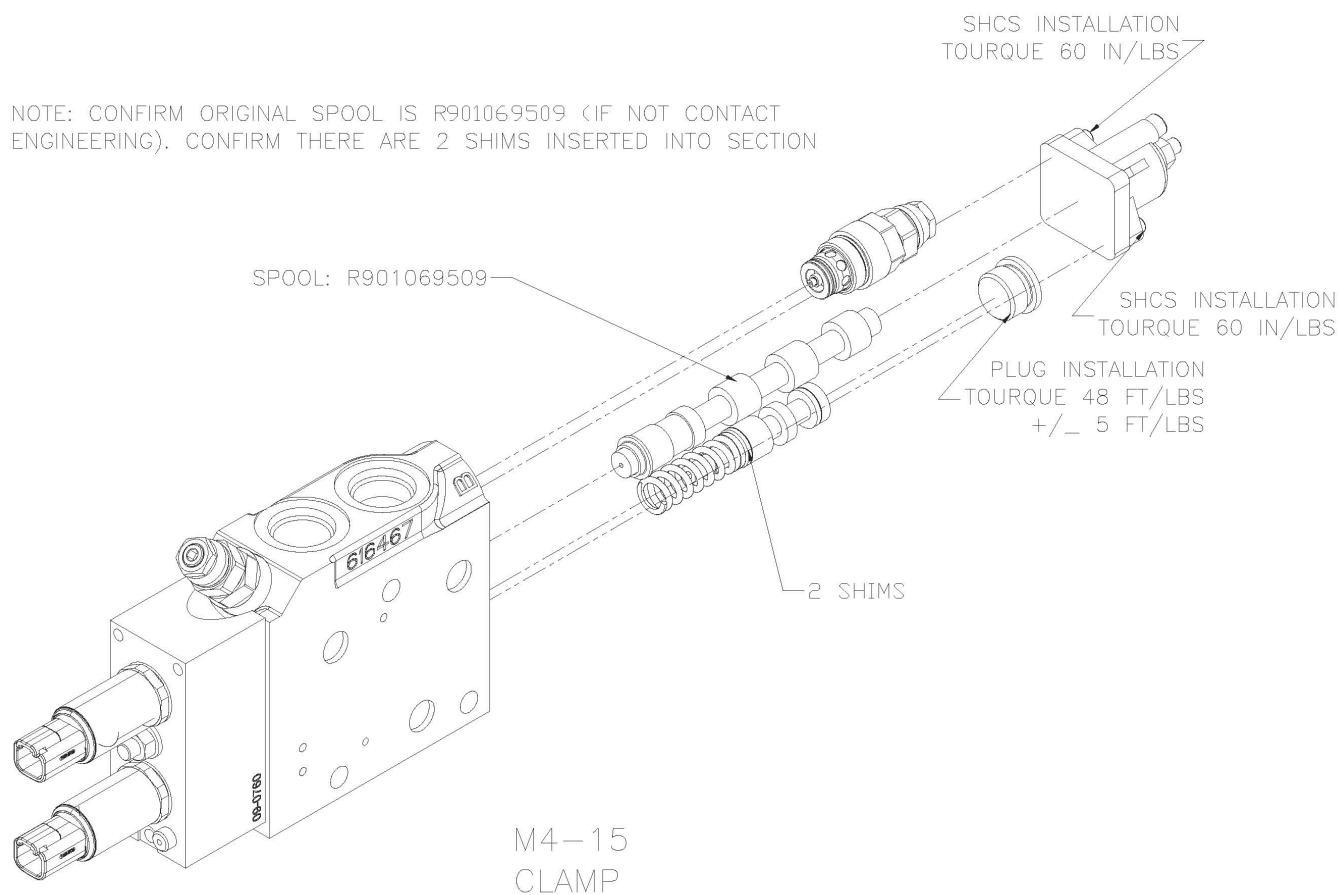
SECTION VIEW OF M7
MONOBLOCK AND SPOOL



LOG LOADER HYDRAULICS

REXROTH MAIN CONTROL VALVE - (CLAMP SECTION) - - (UP TO SN. 1153)

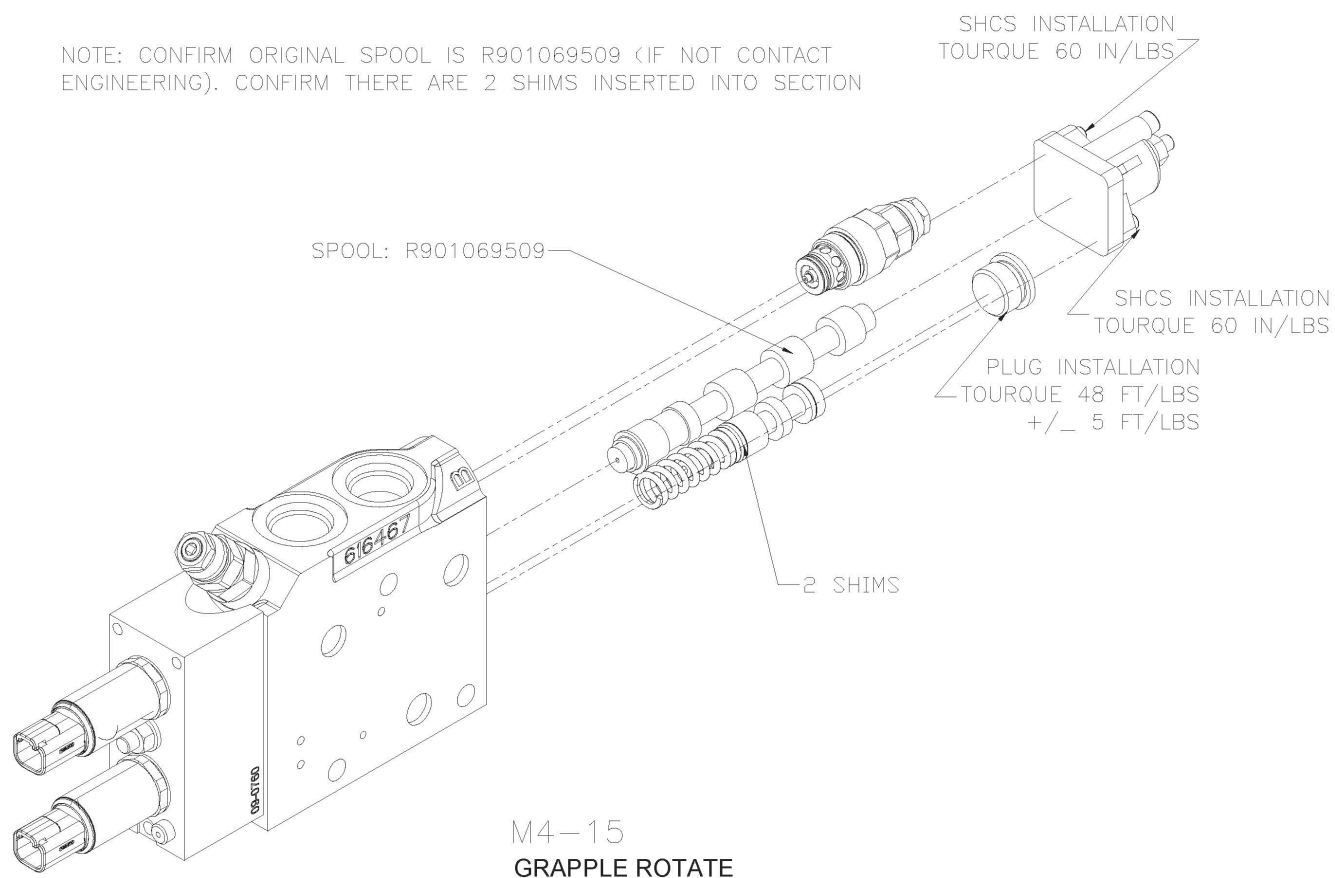
NOTE: CONFIRM ORIGINAL SPOOL IS R901069509 (IF NOT CONTACT ENGINEERING). CONFIRM THERE ARE 2 SHIMS INSERTED INTO SECTION



LOG LOADER HYDRAULICS

REXROTH MCV - (GRAPPLE ROTATE SECTION) - (UP TO SN. 1153)

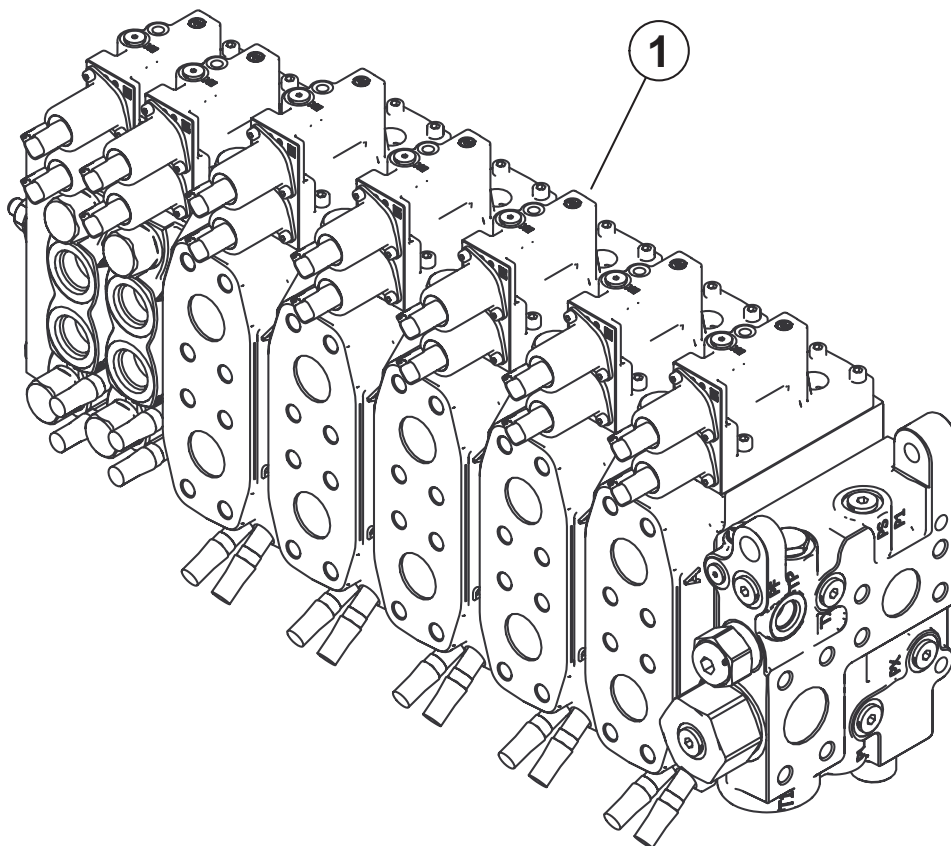
NOTE: CONFIRM ORIGINAL SPOOL IS R901069509 (IF NOT CONTACT ENGINEERING). CONFIRM THERE ARE 2 SHIMS INSERTED INTO SECTION



PAGE INTENTIONALLY LEFT BLANK

LOG LOADER HYDRAULICS

PARKER 450/300 MCV - (COMPLETE ASSEMBLY) - (SN. 1154 & FORWARD)

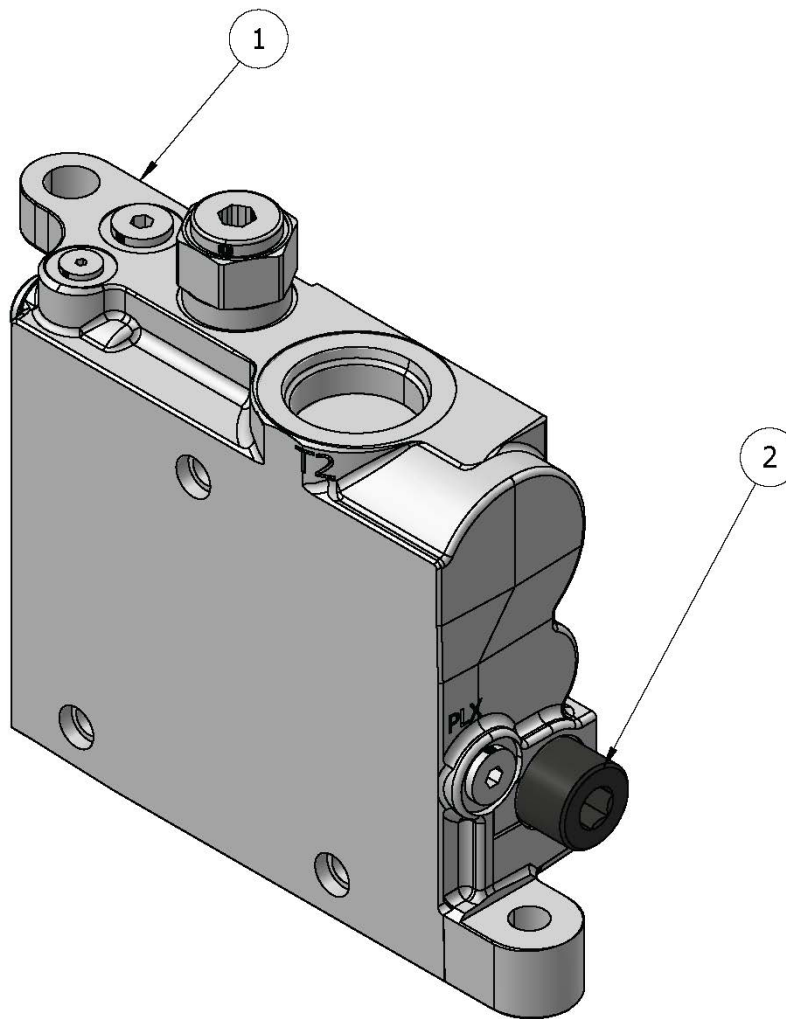


T6060 08/24

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53345	1	785 MAIN CONTOL VALVE (PARKER 450/300)	

LOG LOADER HYDRAULICS

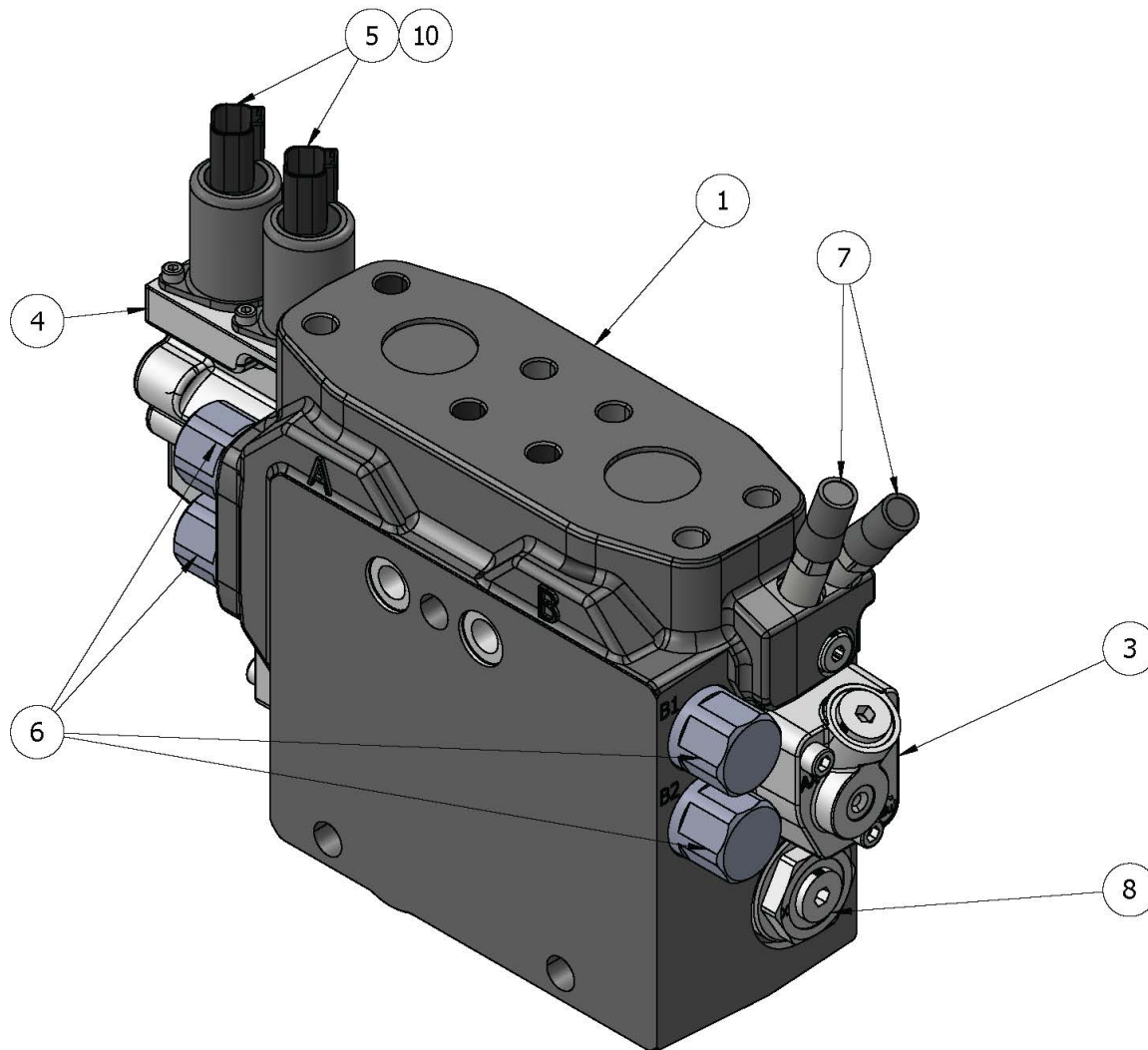
PARKER 450/300 MCV - (INLET SECTION) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	20101979	1	VA450 INLET SECTION	
2	19217256	1	RELIEF	

LOG LOADER HYDRAULICS

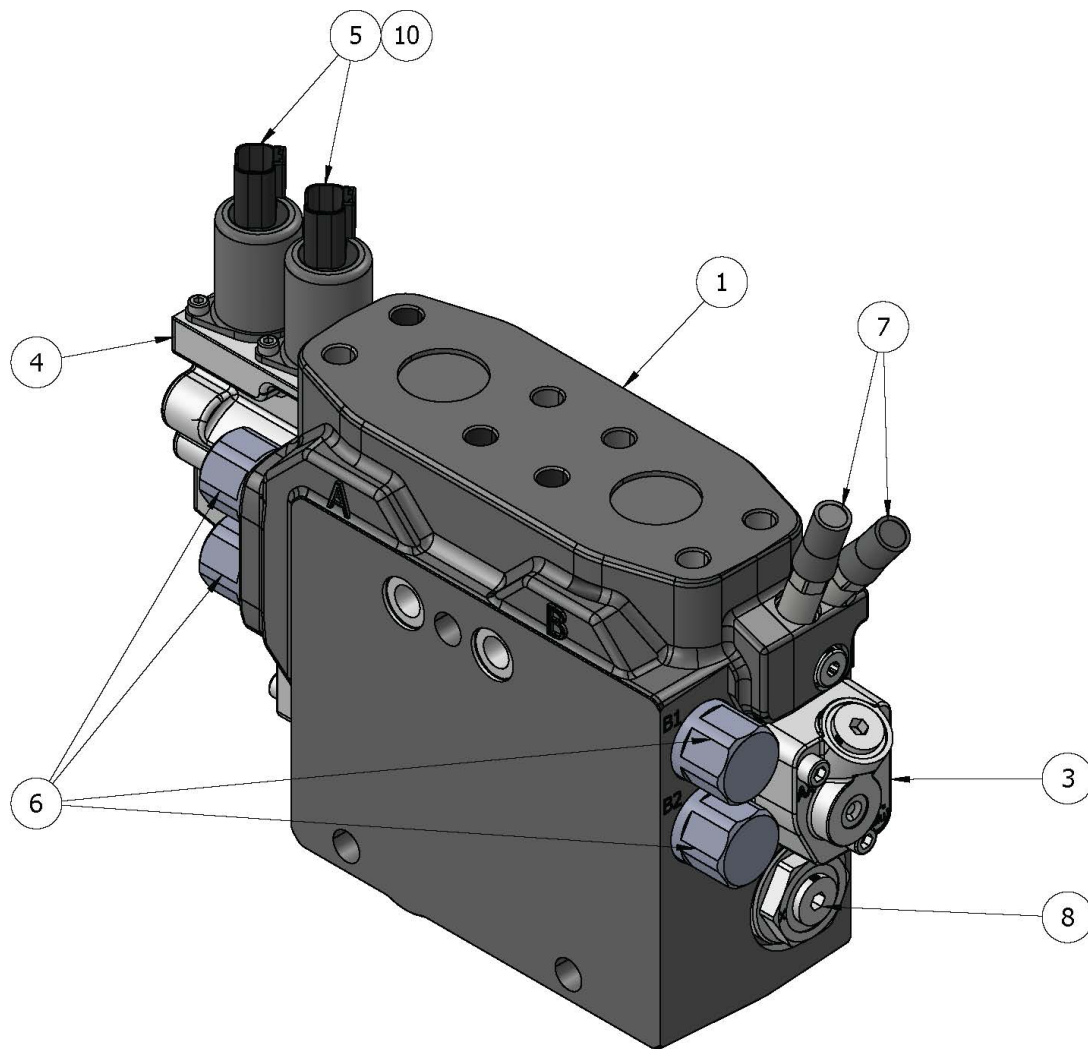
PARKER 450/300 MCV - (MAIN BOOM SECTION - M1 PORTS) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	20105972	1	VA450 MAIN BOOM SECTION - (M1 PORTS)	
2	20099959	1	SPOOL (NOT SHOWN)	
3	20099919	1	KIT B-SIDE COVER U VA450/VA300 CAP B W/O STROKE LIMITER (NOT SHOWN)	
4	20099915	1	KIT EC-CAP COMPLETE U VA450/VA300 ENDCAP W/O STROKE LIMITER	
5	19215658	2	24VDC SOLENOID PILOT DEUSTCH W ORIFICE 0.8 MM	
6	19215623	4	PORT RELIEF (NOT SHOWN)	
7	19213635	2	SUPPLY REDUCER	
8	20106610	1	COMPENSATOR KIT	
9	20106607	1	KIT, SPRING PACK (NOT SHOWN)	
10	19213054	2	PILOT ORFICE	

LOG LOADER HYDRAULICS

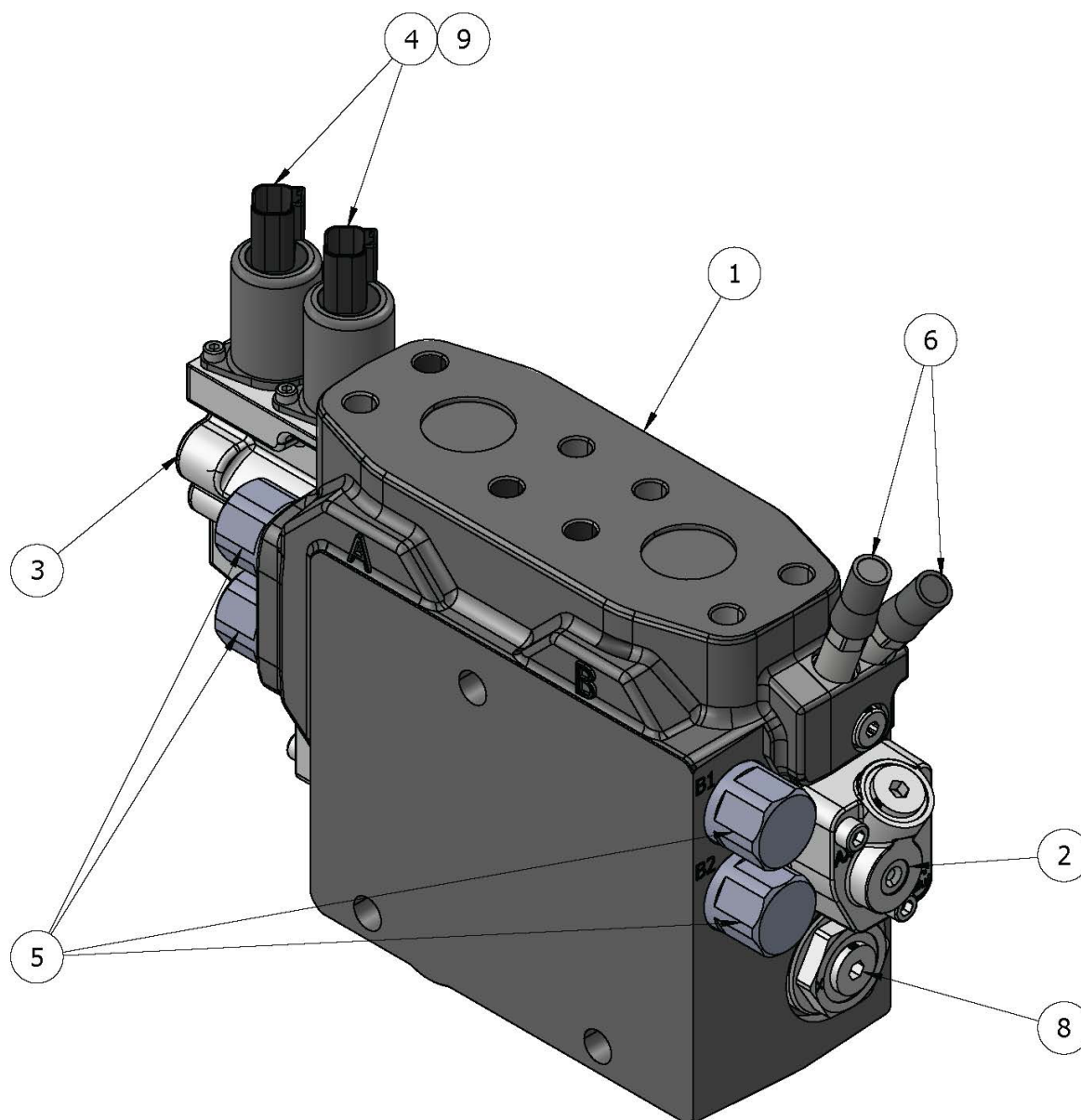
PARKER 450/300 MCV - (MAIN BOOM SECTION - M2 PORTS) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	20106006	1	VA450 MAIN BOOM SECTION - (M2 PORTS)	
2	20099959	1	SPOOL (NOT SHOWN)	
3	20099919	1	KIT B-SIDE COVER U VA450/VA300 CAP B W/O STROKE LIMITER (NOT SHOWN)	
4	20099915	1	KIT EC-CAP COMPLETE U VA450/VA300 ENDCAP W/O STROKE LIMITER	
5	19215658	2	24VDC SOLENOID PILOT DEUSTCH W ORIFICE 0.8 MM	
6	19215623	4	PORT RELIEF (NOT SHOWN)	
7	19213635	2	SUPPLY REDUCER	
8	20106610	1	COMPENSATOR KIT	
9	20106607	1	KIT, SPRING PACK (NOT SHOWN)	
10	19213054	2	PILOT ORFICE	

LOG LOADER HYDRAULICS

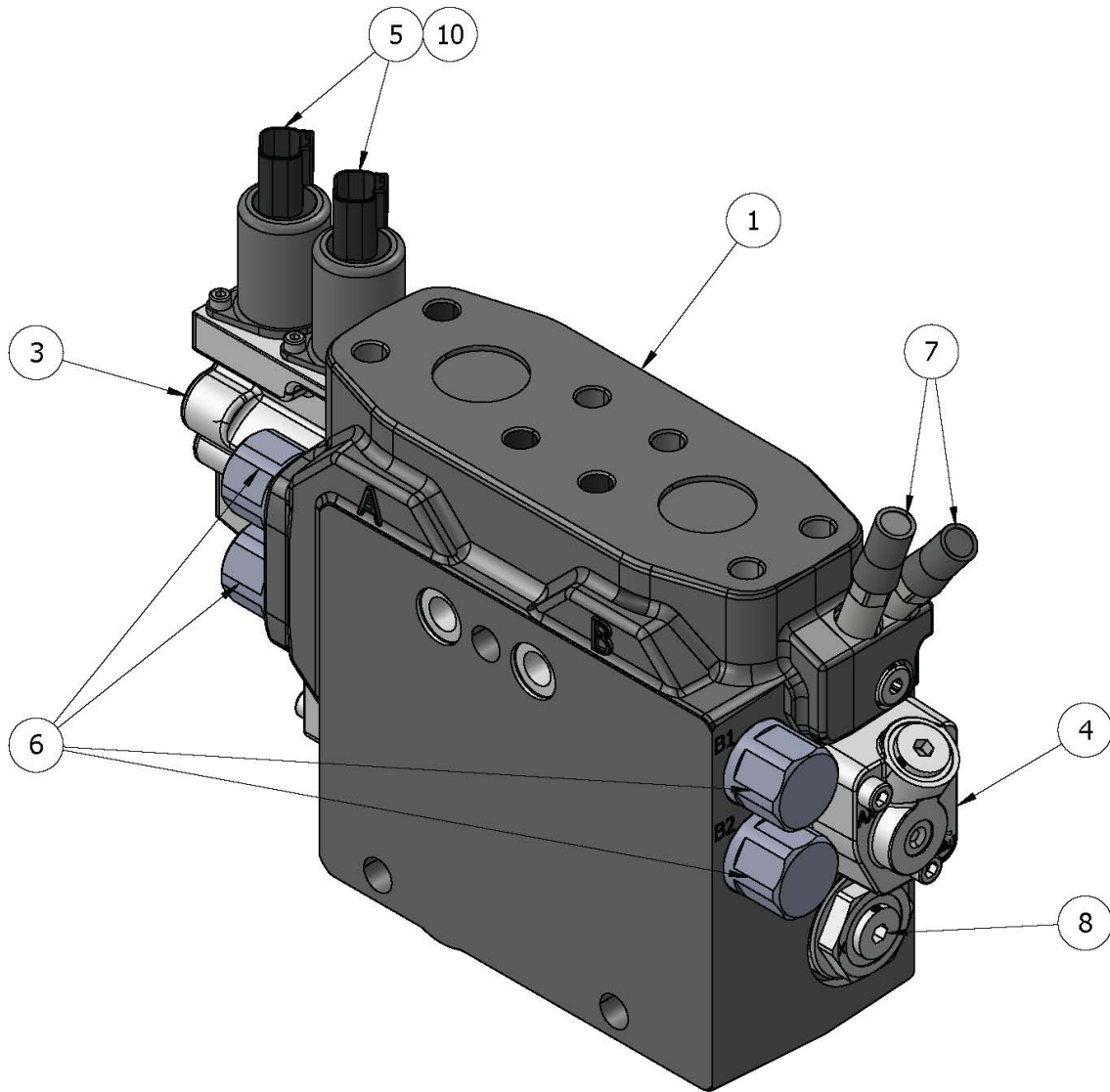
PARKER 450/300 MAIN CONTROL VALVE - (LIVE HEEL SECTION) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	20101977	1	VA450 LIVE HEEL SECTION	
2	20099919	1	KIT B-SIDE COVER U VA450/VA300 CAP B W/O STROKE LIMITER (NOT SHOWN)	
3	20099915	1	KIT EC-CAP COMPLETE U VA450/VA300 ENDCAP W/O STROKE LIMITER	
4	19215658	2	24VDC SOLENOID PILOT DEUSTCH W ORIFICE 0.8 MM	
5	19217273	4	PORT RELIEF (NOT SHOWN)	
6	19213635	2	SUPPLY REDUCER	
7	20106607	1	KIT, SPRING PACK (NOT SHOWN)	
8	20106610	1	VA450 A AND B SIDE EK COMPENSATOR KIT	
9	19213054	2	PILOT ORFICE	

LOG LOADER HYDRAULICS

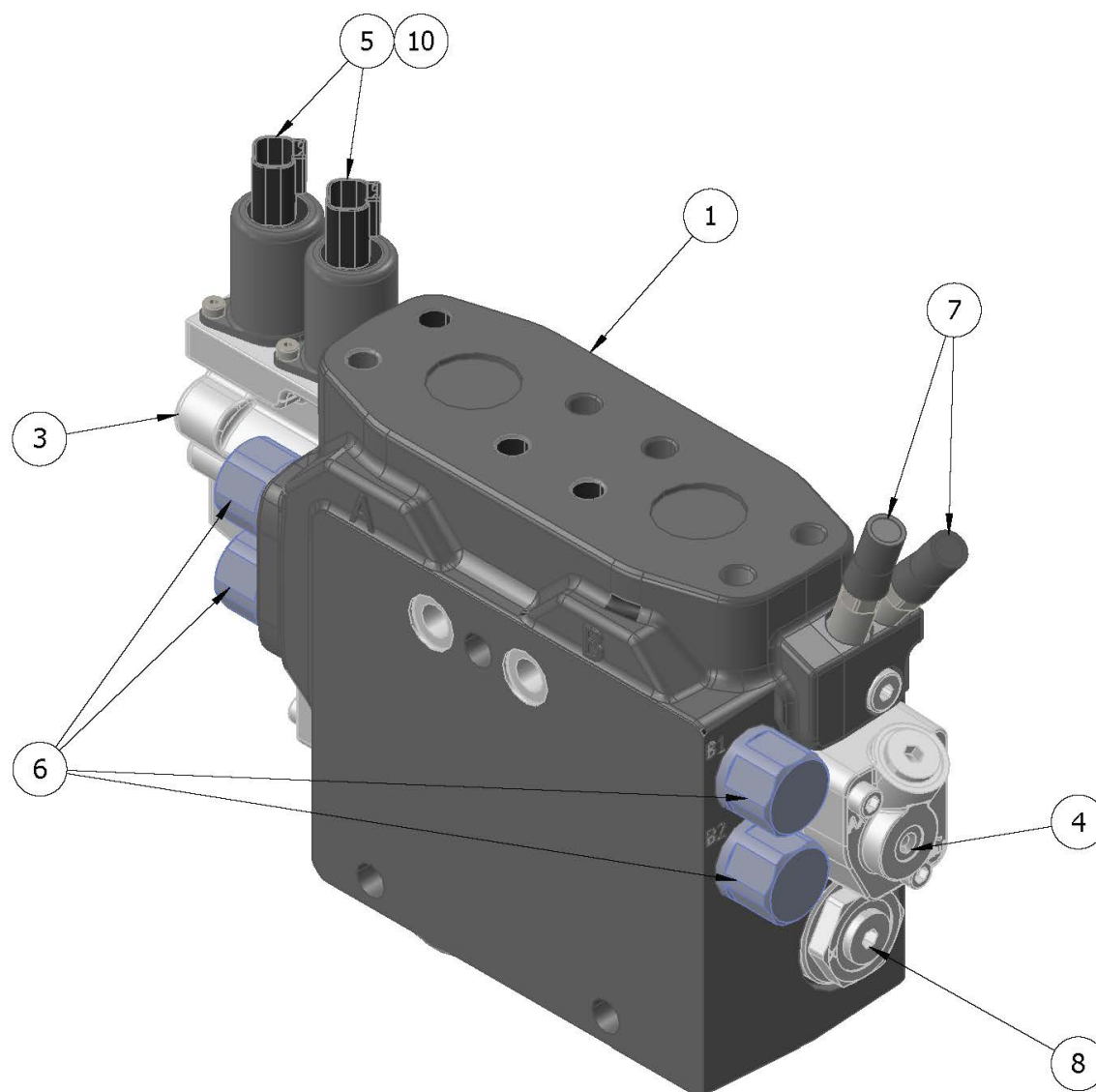
PARKER 450/300 MCV - (STICK BOOM SECTION - M1 PORTS) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	20105972	1	VA450 STICK BOOM SECTION - (M1 PORTS)	
2	20099958	1	SPOOL (NOT SHOWN)	
3	20099915	1	KIT EC-CAP COMPLETE U VA450/VA300 ENDCAP W/O STROKE LIMITER (NOT SHOWN)	
4	20099919	1	KIT B-SIDE COVER U VA450/VA300 CAP B W/O STROKE LIMITER	
5	19215658	2	24VDC SOLENOID PILOT DEUSTCH W ORIFICE 0.8 MM	
6	19215623	4	PORT RELIEF (NOT SHOWN)	
7	19213635	2	SUPPLY REDUCER	
8	20106610	1	COMPENSATOR KIT	
9	20106607	1	KIT, SPRING PACK (NOT SHOWN)	
10	19213054	2	PILOT ORFICE	

LOG LOADER HYDRAULICS

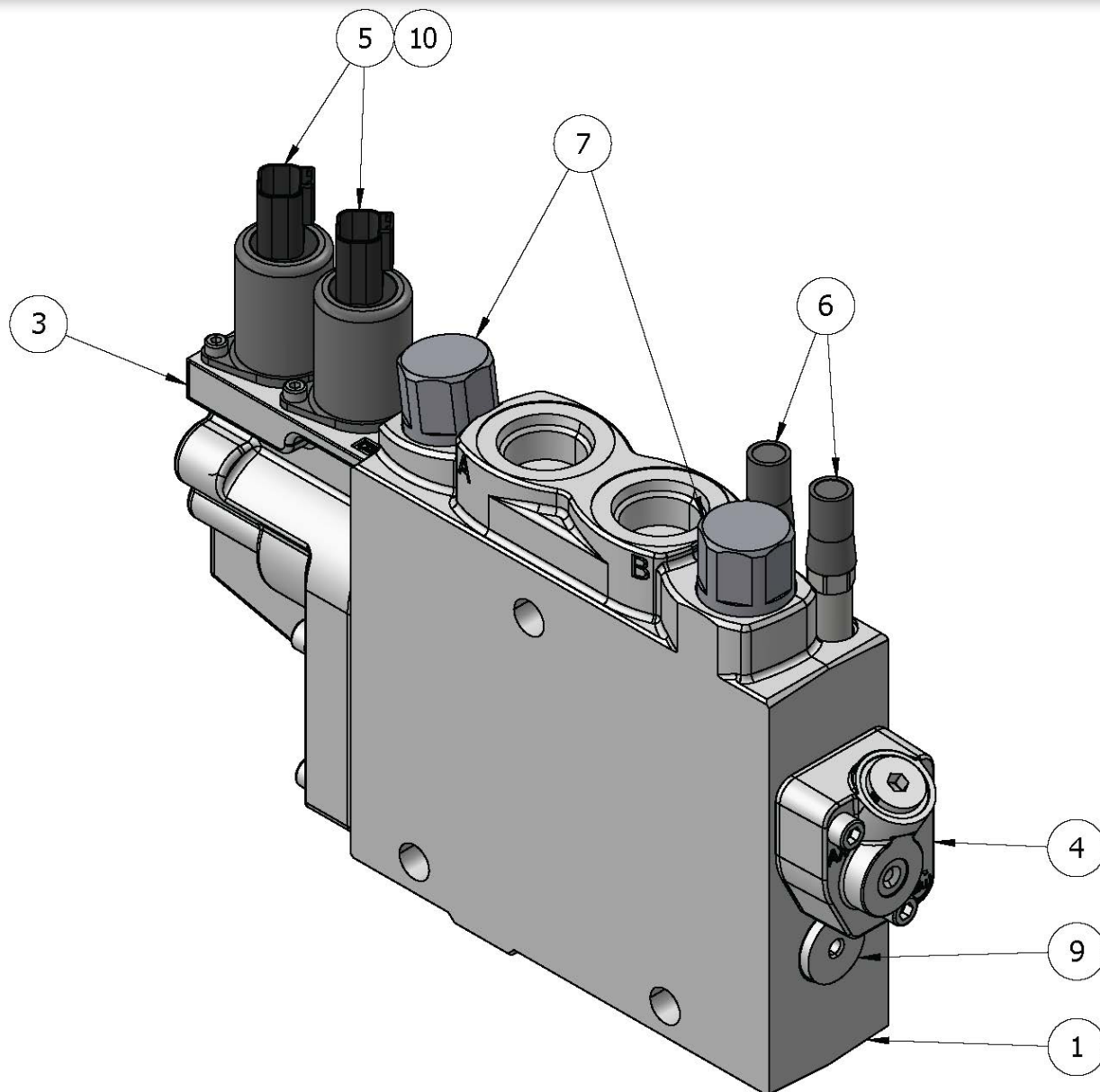
PARKER 450/300 MCV - (STICK BOOM SECTION - M2 PORTS) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	20106006	1	VA450 STICK BOOM SECTION - (M2 PORTS)	
2	20099958	1	SPOOL (NOT SHOWN)	
3	20099915	1	KIT EC-CAP COMPLETE U VA450/VA300 ENDCAP W/O STROKE LIMITER (NOT SHOWN)	
4	20099919	1	KIT B-SIDE COVER U VA450/VA300 CAP B W/O STROKE LIMITER	
5	19215658	2	24VDC SOLENOID PILOT DEUSTCH W ORIFICE 0.8 MM	
6	19215623	4	PORT RELIEF (NOT SHOWN)	
7	19213635	2	SUPPLY REDUCER	
8	20106610	1	COMPENSATOR KIT	
9	20106607	1	KIT, SPRING PACK (NOT SHOWN)	
10	19213054	2	PILOT ORFICE	

LOG LOADER HYDRAULICS

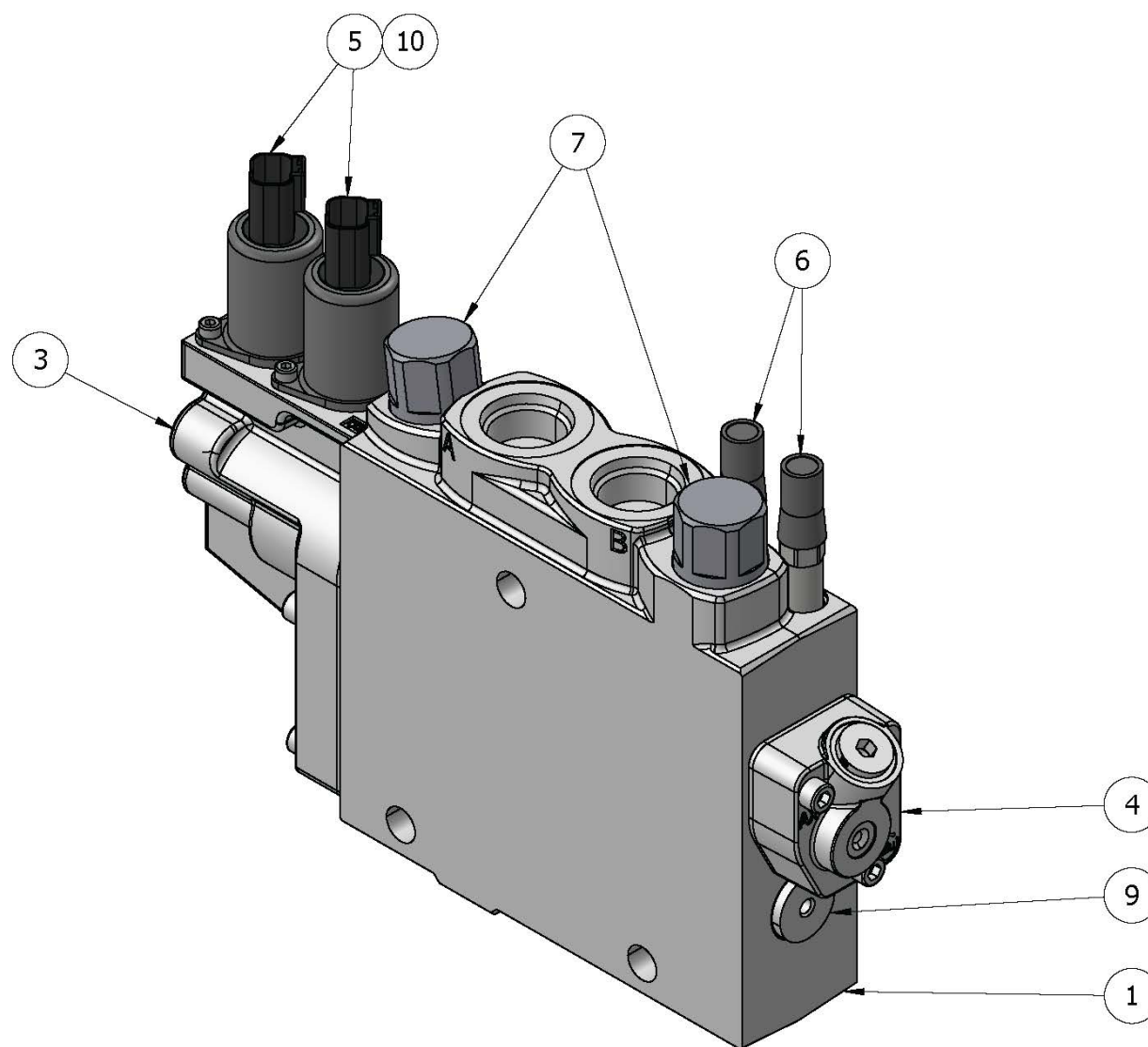
PARKER 450/300 MCV - (GRAPPLE OPEN/CLOSE SECTION) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	20101976	1	VA300 GRAPPLE OPEN/CLOSE SECTION	
2	20099966	1	SPOOL (NOT SHOWN)	
3	20099915	1	KIT EC-CAP COMPLETE U VA450/VA300 ENDCAP W/O STROKE LIMITER (NOT SHOWN)	
4	20099919	1	KIT B-SIDE COVER U VA450/VA300 CAP B W/O STROKE LIMITER	
5	19215658	2	24VDC SOLENOID PILOT DEUSTCH W ORIFICE 0.8 MM	
6	19213635	2	SUPPLY REDUCER	
7	19217272	2	280 BAR WP RELIEF	
8	20099909	1	KIT, SPRING PACK (NOT SHOWN)	
9	20106632	1	COMPENSATOR KIT	
10	19213054	2	PILOT ORFICE	

LOG LOADER HYDRAULICS

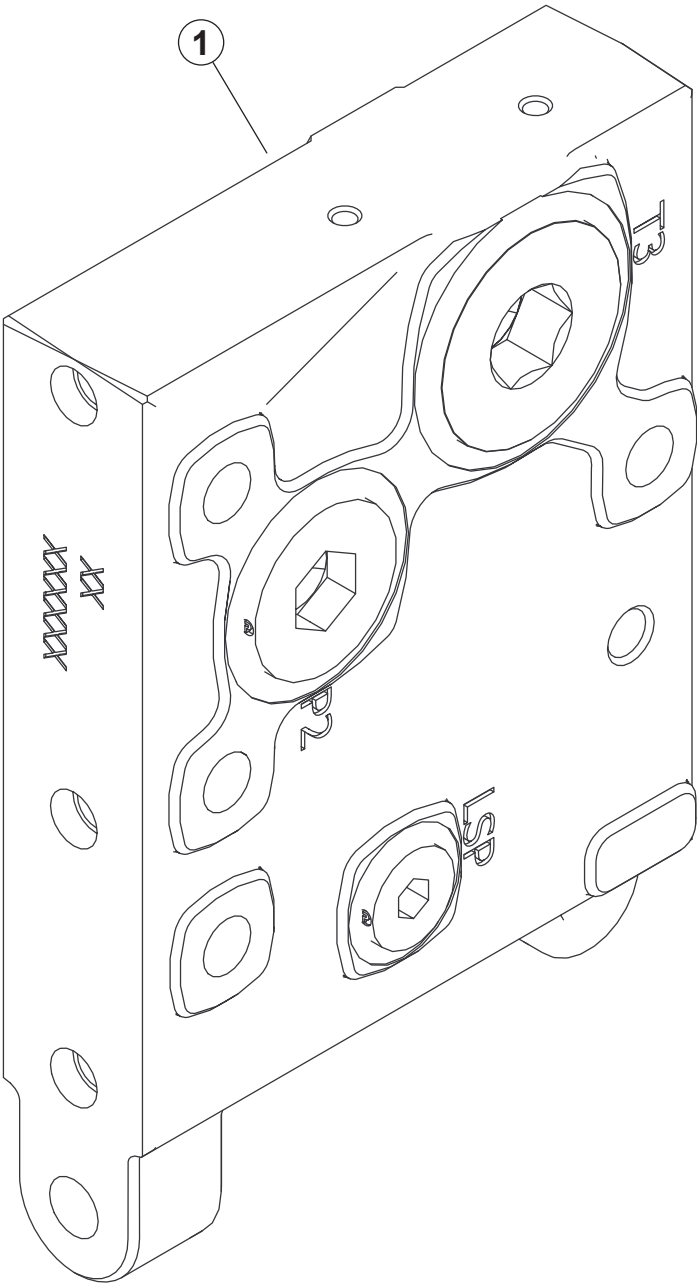
PARKER 450/300 MCV - (GRAPPLE ROTATE SECTION) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	20101976	1	VA300 GRAPPLE ROTATE SECTION	
2	20099966	1	SPOOL (NOT SHOWN)	
3	20099915	1	KIT EC-CAP COMPLETE U VA450/VA300 ENDCAP W/O STROKE LIMITER (NOT SHOWN)	
4	20099919	1	KIT B-SIDE COVER U VA450/VA300 CAP B W/O STROKE LIMITER	
5	19215658	2	24VDC SOLENOID PILOT DEUSTCH W ORIFICE 0.8 MM	
6	19213635	2	SUPPLY REDUCER	
7	19217272	2	280 BAR WP RELIEF	
8	20099909	1	KIT, SPRING PACK (NOT SHOWN)	
9	20106632	1	COMPENSATOR KIT	
10	19213054	2	PILOT ORFICE	

LOG LOADER HYDRAULICS

PARKER 450/300 MAIN CONTROL VALVE - (END SECTION) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	20101978	1	VA300 END SECTION	

THIS PAGE LEFT BLANK FOR NOTES

This image shows a full page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for writing or drawing. There are no margins, text, or other markings on the page.