PARTS MANUAL
ver. 1.1
PMHB240ENG.311

HYDRAULIC BREAKER
HAMMER HB 240

Serial No.

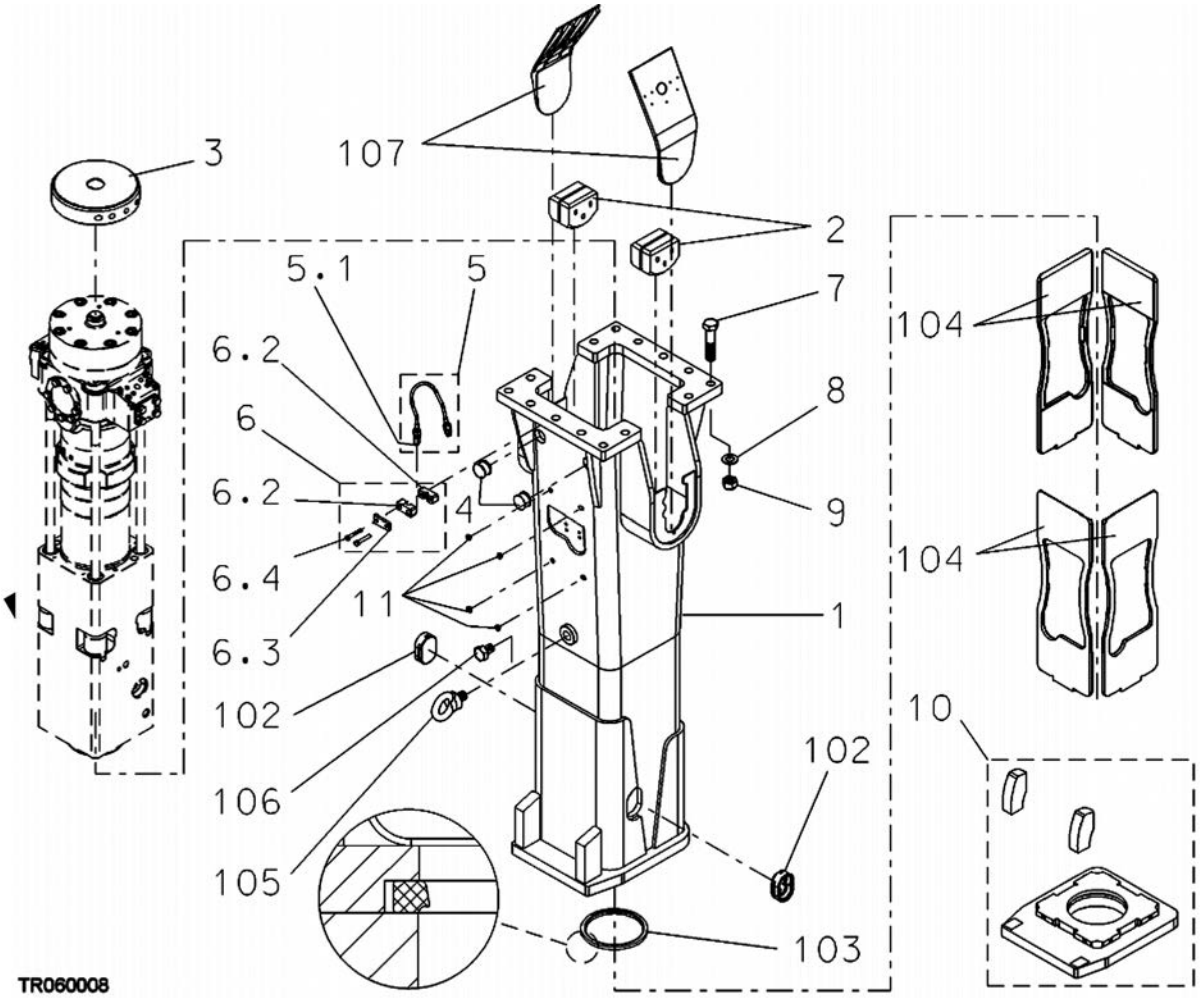
TRK2400006-UP

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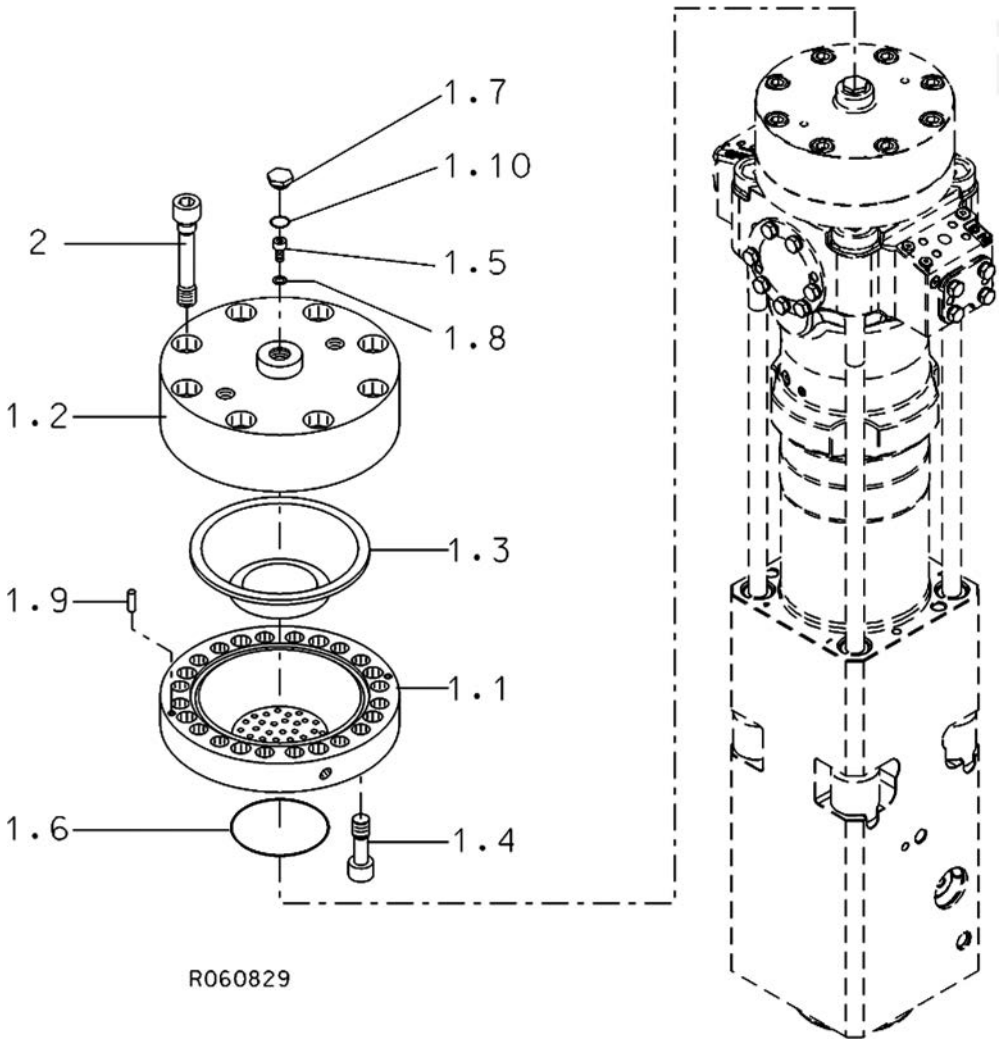
PARTS

1. HOUSING UNIT



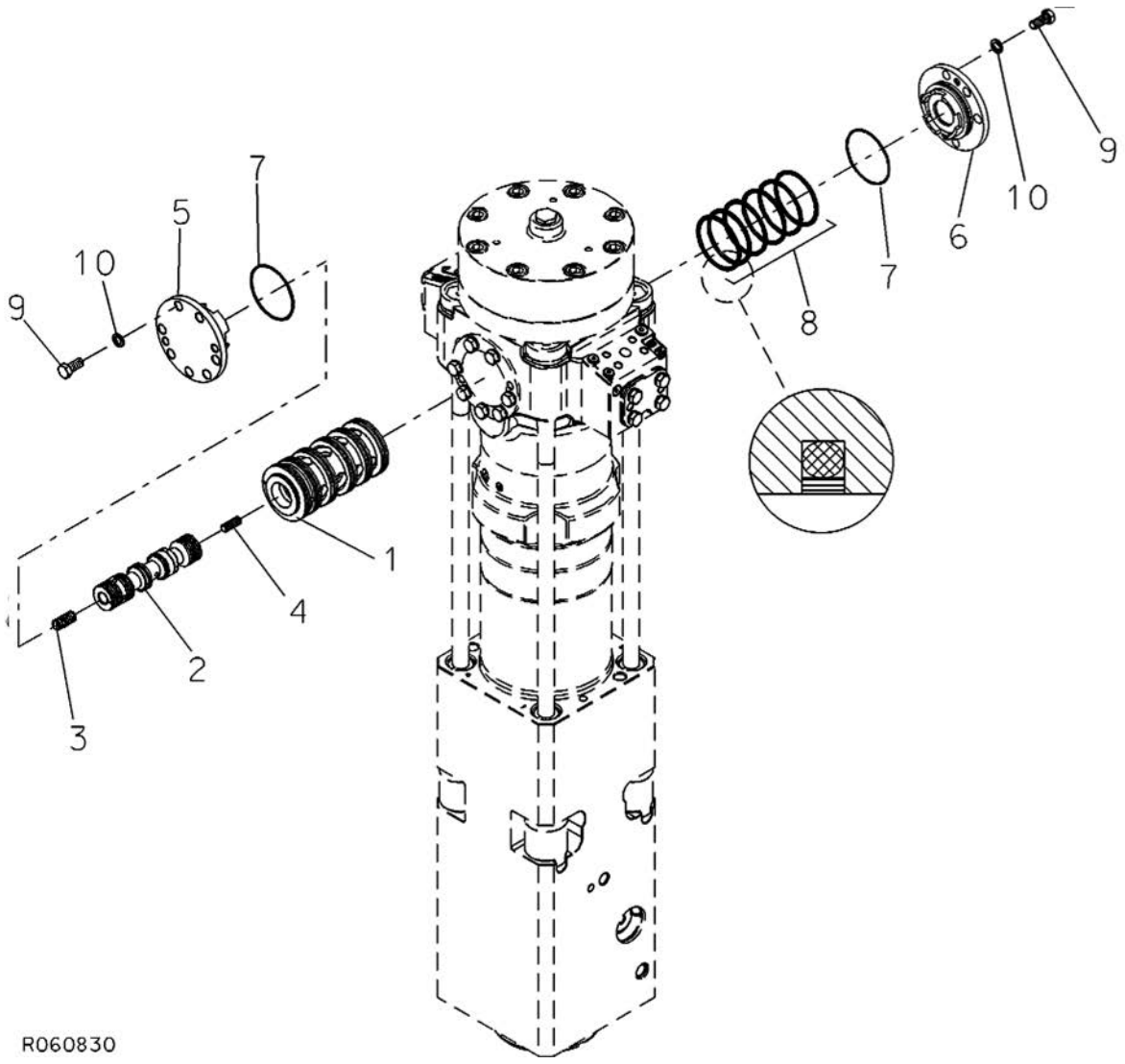
Item	Description	Part no.	Specification	Note	Qty
1	Housing	H00168837			1
2	Pad	H00300954			2
3	Buffer	H00301000			1
4	Rubber plug	H00400491			2
5	Hose assembly (incl. part 5.1)	H00162531			1
5.1	Grease nipple	H00090200			1
6	Pipe clamping (incl. parts 6.2-6.4)	H00952664			1
6.2	Body	H00952618			2
6.3	Plate	H00903300			1
6.4	Hex. screw	H00903094	M10x60-8.8 ISO 4014		2
7	Hex. screw	H00090589	M24x110-12.9 ISO 4014		14
8	Washer	H00090511	25 ISO 7416		14
9	Lock nut	H00090507	M24-12 DIN 985		14
10	Wear parts	H00165789			1
11	Plug	H00953291			4
102	Rubber plug	H00161785			2
103	Seal	H00161535			1
104	Wear plate	H00162488			4
105	Lifting eye	H00090705	M30 DIN 580		1
106	Hex. screw	H00900026	M30x40-8.8 ISO 4017		1
107	Shield plate	H00162381			2
120	Wear parts	H00165789			1
20	Safety label set	H00161563			1

2. ACCUMULATOR



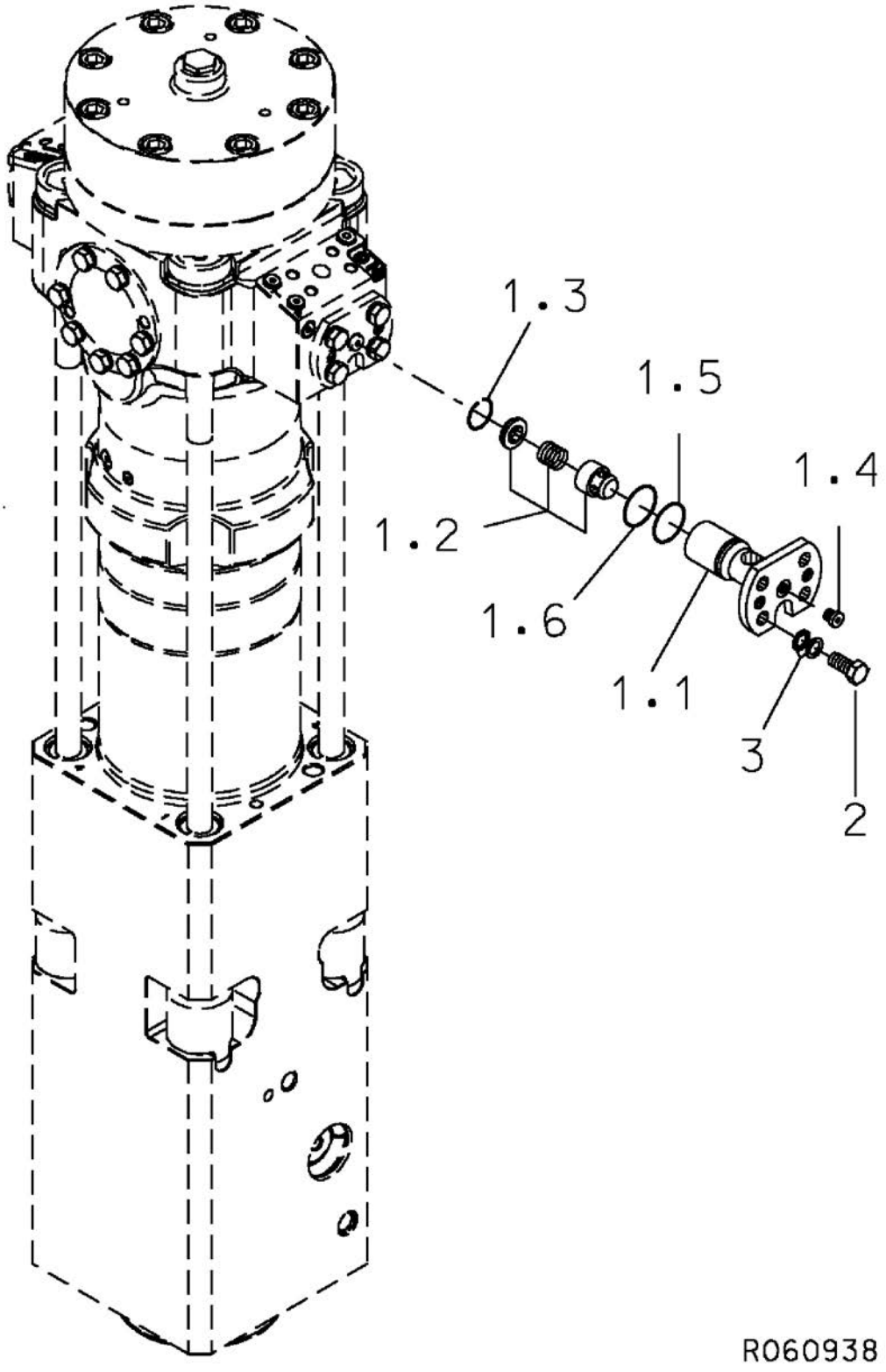
Item	Description	Part no.	Specification	Note	Qty
1	Accumulator (incl. parts 1.1-1.10)	H00163209			1
1.1	Accumulator bottom	H00100672			1
1.2	Accumulator cover	H00163210			1
1.3	Membrane	H00030211			1
1.4	Accumulator screw	H00040416			16
1.5	Filling plug	H00040368			1
1.6	Seal	H00040104	D114	*	1
1.7	Shield plug	H00154015			1
1.8	Usit-ring	H00090056	8-13.9-1	*	1
1.9	Parallel pin	H00090304	10m6x24 DIN 6325		2
1.10	O-ring	H00910006	D23	*	1
2	Accumulator screw	H00951208			8
	*) Are included in seal				

3. MAIN VALVE



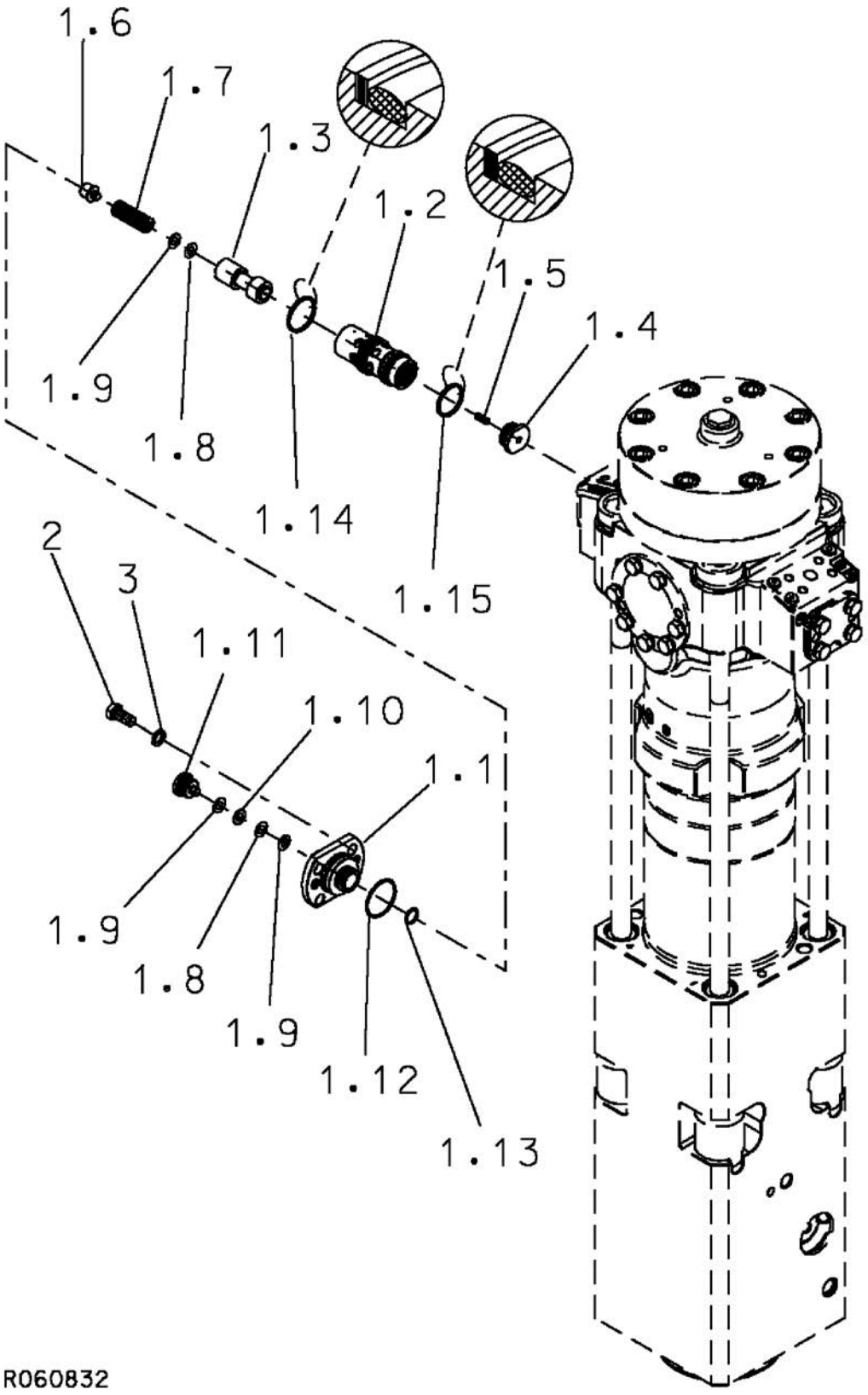
Item	Description	Part no.	Specification	Note	Qty
1	Main valve bushing	H00156302			1
2	Main spool	H00161436			1
3	Spool	H00040111			1
4	Spool	H00400325			1
5	Cover	H00161280			1
6	Cover	H00030776			1
7	O-ring	H00090005	D105	*	2
8	Seal	H00902668	D110	*	6
9	Hex. screw	H00090517	M16x35-8.8 ISO 4017		13
10	Lock washer	H00090597	M16 NORD-LOCK		13
	*) Are included in seal				

4. CHECK VALVE



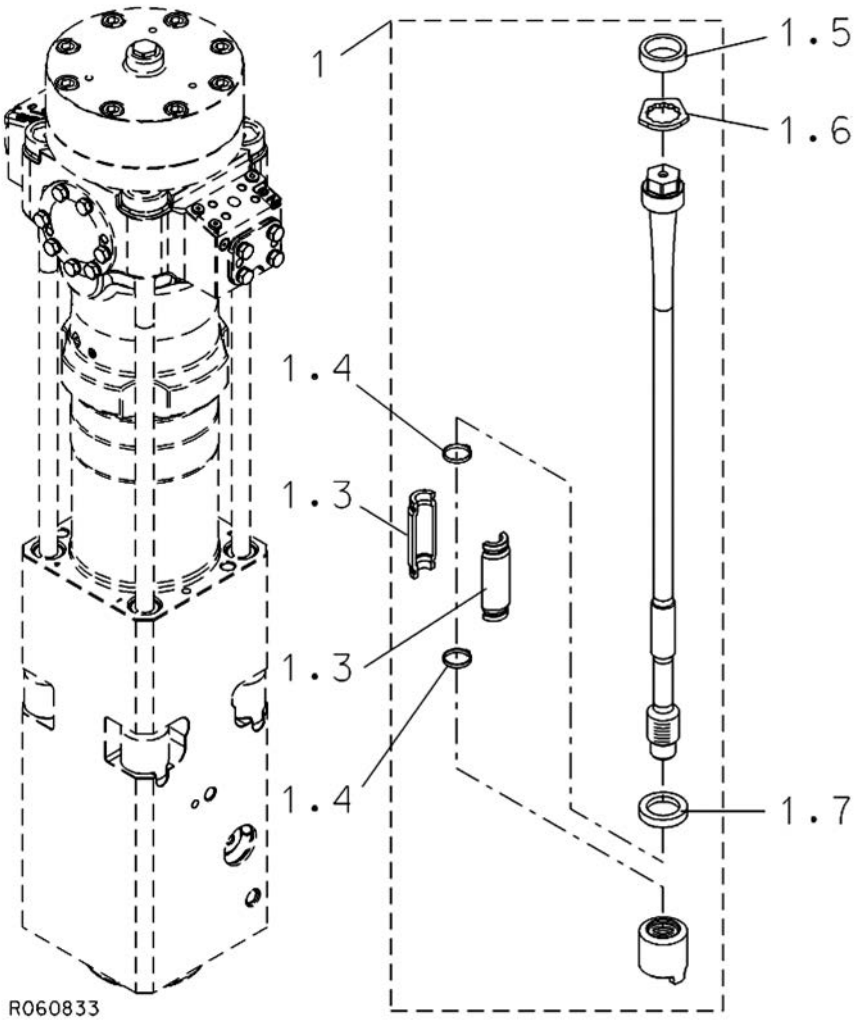
Item	Description	Part no.	Specification	Note	Qty
1	Check valve (incl. parts 1.1-1.6, 2 and 3)	H00300943			1
1.1	Check valve housing	H00300933			1
1.2	Check valve	H00090432			1
1.3	Spring ring	H00090310	B38 DIN 7993		1
1.4	Flange plug	H00090403	BSP 1/4		1
1.5	O-ring	H00090031	D46	*	1
1.6	O-ring	H00090007	D44	*	1
2	Hex. screw	H00090517	M16x35-8.8 ISO 4017		4
3	Lock washer	H00090597	M16 NORD-LOCK		4
	*) Are included in seal				

5. PRESSURE CONTROL VALVE



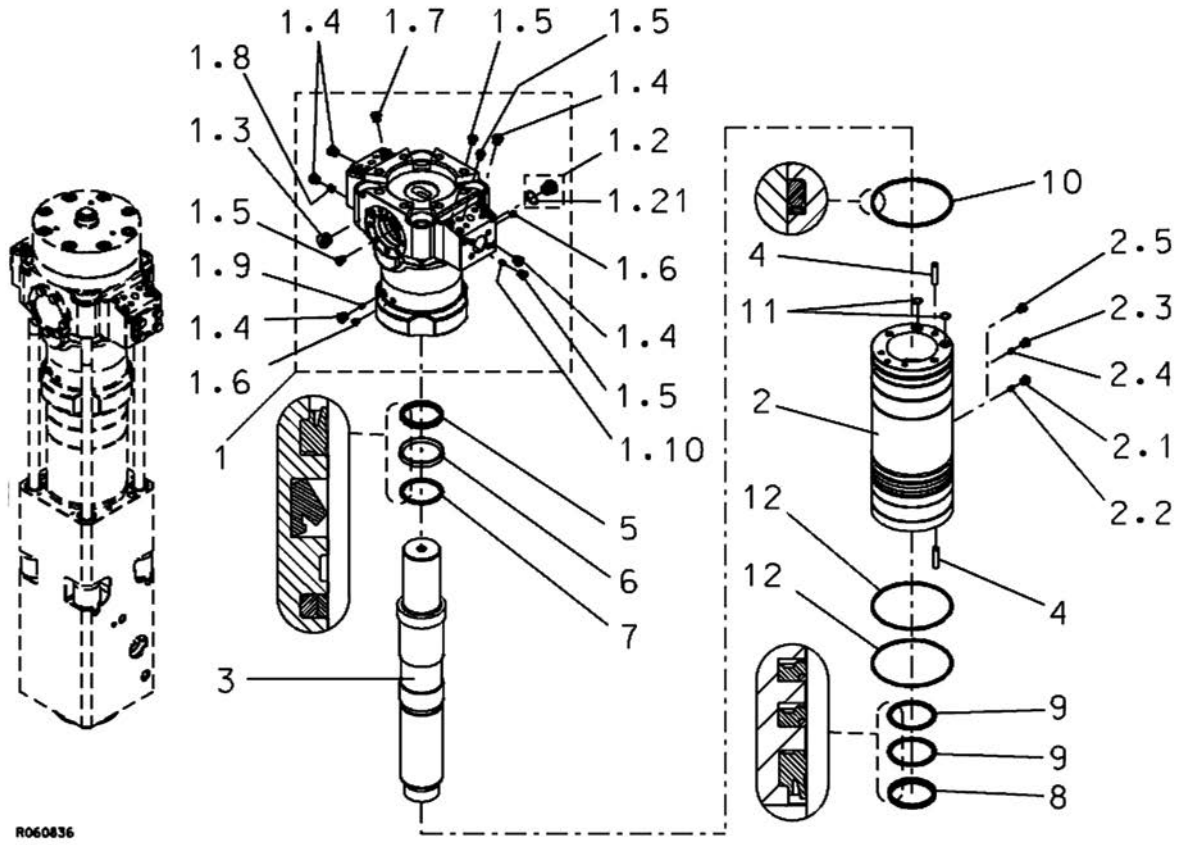
Item	Description	Part no.	Specification	Note	Qty
1	Pressure control valve (incl. 1.1-1.15) parts	H00161421			1
1.1	Cover	H00161413			1
1.2	Valve housing	H00161908			1
1.3	Spool	H00161909			1
1.4	Guide	H00400688			1
1.5	Spool	H00400690			1
1.6	Spring guide	H00161433			1
1.7	Spring	H00090104			1
1.8	Shim plate	H00041794	S=0.5		x
1.9	Shim plate	H00041793	S=1		x
1.10	Shim plate	H00042365	S=1.25		x
1.11	Plug	H00112512			1
1.12	O-ring	H00090083	D60	*	1
1.13	O-ring	H00910018	D21	*	1
1.14	Seal	H00041374	D55	*	1
1.15	Seal	H00041375	D50	*	1
2	Hex. screw	H00090517	M16x35-8.8 ISO 4017		4
3	Lock washer	H00090597	M16 NORD-LOCK		4
	*) Are included in seal set				

6. TIE RODS



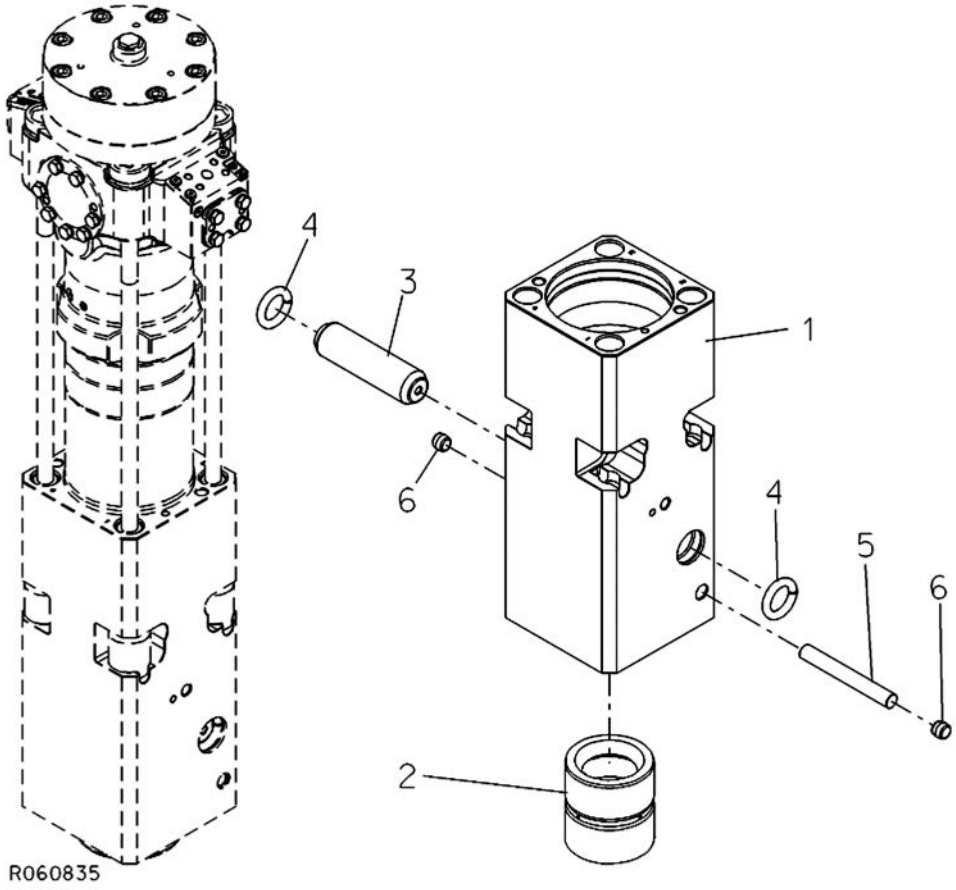
Item	Description	Part no.	Specification	Note	Qty
1	Tie rod set (incl. parts 1.3-1.7)	H00162977			4
1.3	Vibration dampening element	H00160995			2
1.4	Cable tie	H00952009			2
1.5	Rubber ring	H00400661			1
1.6	Lock plate	H00400659			1
1.7	Spacer	H00160968			1

7/ BODY PARTS


1.4
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1.5
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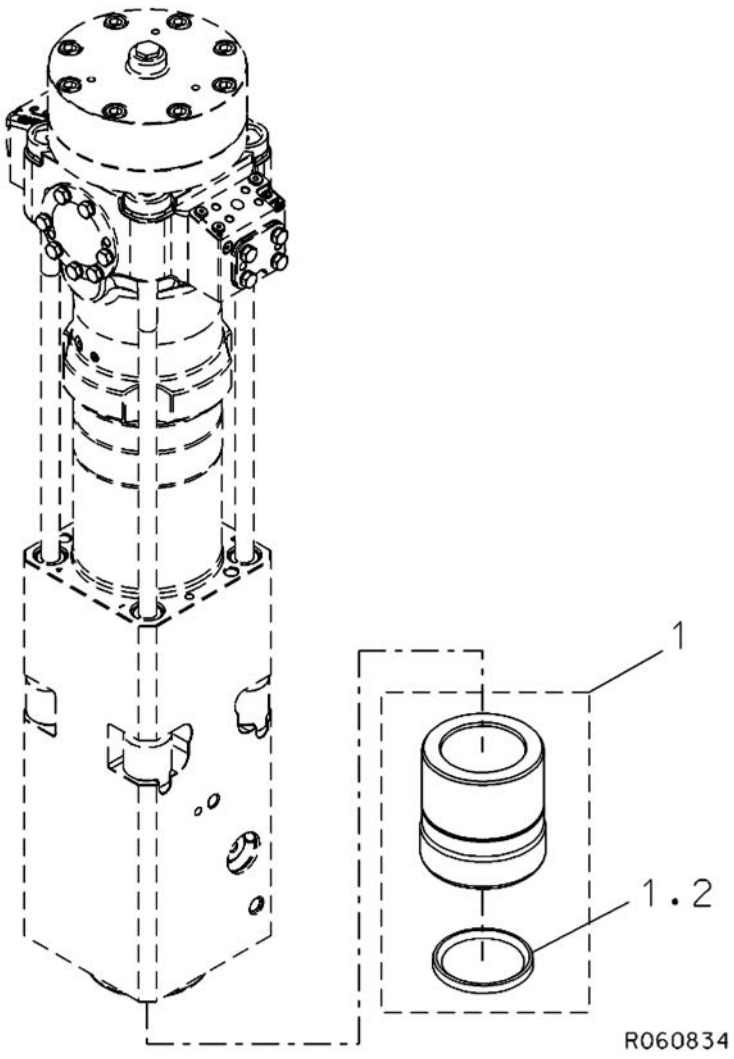
Item	Description	Part no.	Specification	Note	Qty
1	Valve body (incl. parts 1.2-1.10)	H00161388			1
1.2	Breather (incl. part 1.21)	H00101200			1
1.21	O-ring	H00902122	D24	*	1
1.3	Flange plug	H00090401	R3/4		1
1.4	Flange plug	H00090444	R3/8		5
1.5	Flange plug	H00090403	R1/4		4
1.6	Flange plug	H00093203	R1/8		2
1.7	Breather	H00400662	R3/8		1
1.8	Taper plug	H00093125	DIN 906-R1/4		1
1.9	Nozzle	H00161922			1
1.10	Nozzle	H00161465			1
2	Cylinder (incl. parts 2.1-2.5)	H00162492			1
2.1	Flange plug	H00090403	R1/4, softened stroke		1
2.2	Nozzle	H00163216	softened stroke		1
2.3	Flange plug	H00090403	R1/4, normal stroke		1
2.4	Screw	H00952544	M10x12 ISO 4026, normal stroke		1
2.5	Flange plug	H00090403	R1/4, idle stroke preventation		1
3	Piston	H00161015			1
4	Parallel pin	H00904017	16m6x70 ISO 8734		2
5	Wiper	H00952635		*	1
6	Seal	H00902997		*	1
7	Seal	H00161601		*	1
8	Wiper	H00952636		*	1
9	Seal	H00952579		*	2
10	Seal	H00400663	D230	*	1
11	O-ring	H00953941	D21	*	2
12	O-ring	H00090076	D229	*	2
	*) Are included in seal set				

8. FRONT HEAD



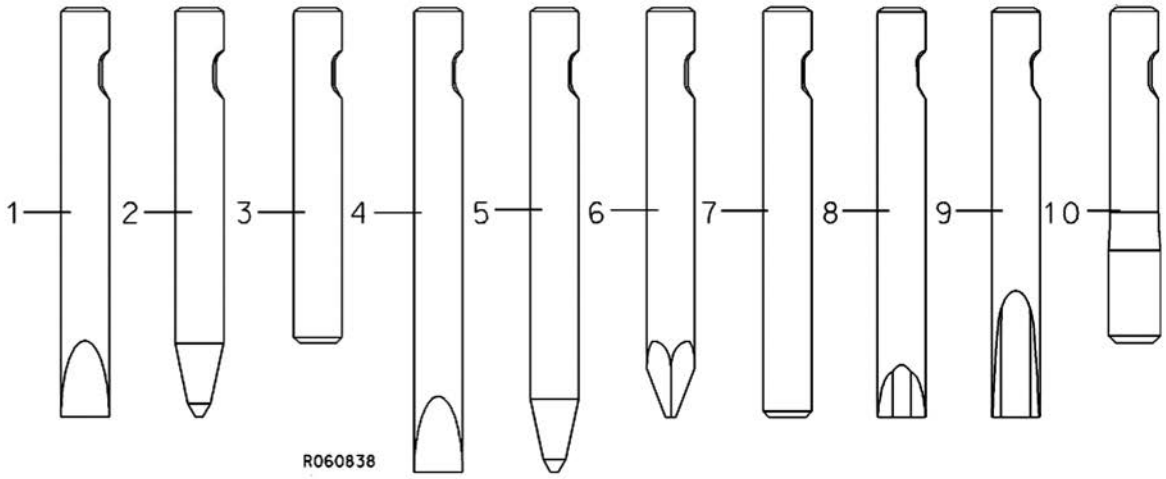
Item	Description	Part no.	Specification	Note	Qty
1	Front head	H00162491			1
2	Upper tool bushing	H00160940			1
3	Tool retaining pin	H00160942			1
4	Ring	H00153236			2
5	Retaining pin	H00400655			1
6	Rubber plug	H00104530			2
	*) Are included in seal set				

9. LOWER TOOL BUSHING



Item	Description	Part no.	Specification	Note	Qty
1	Lower tool bushing (incl. part 1.2)	H00163214			1
1.2	Seal	H00161409			1

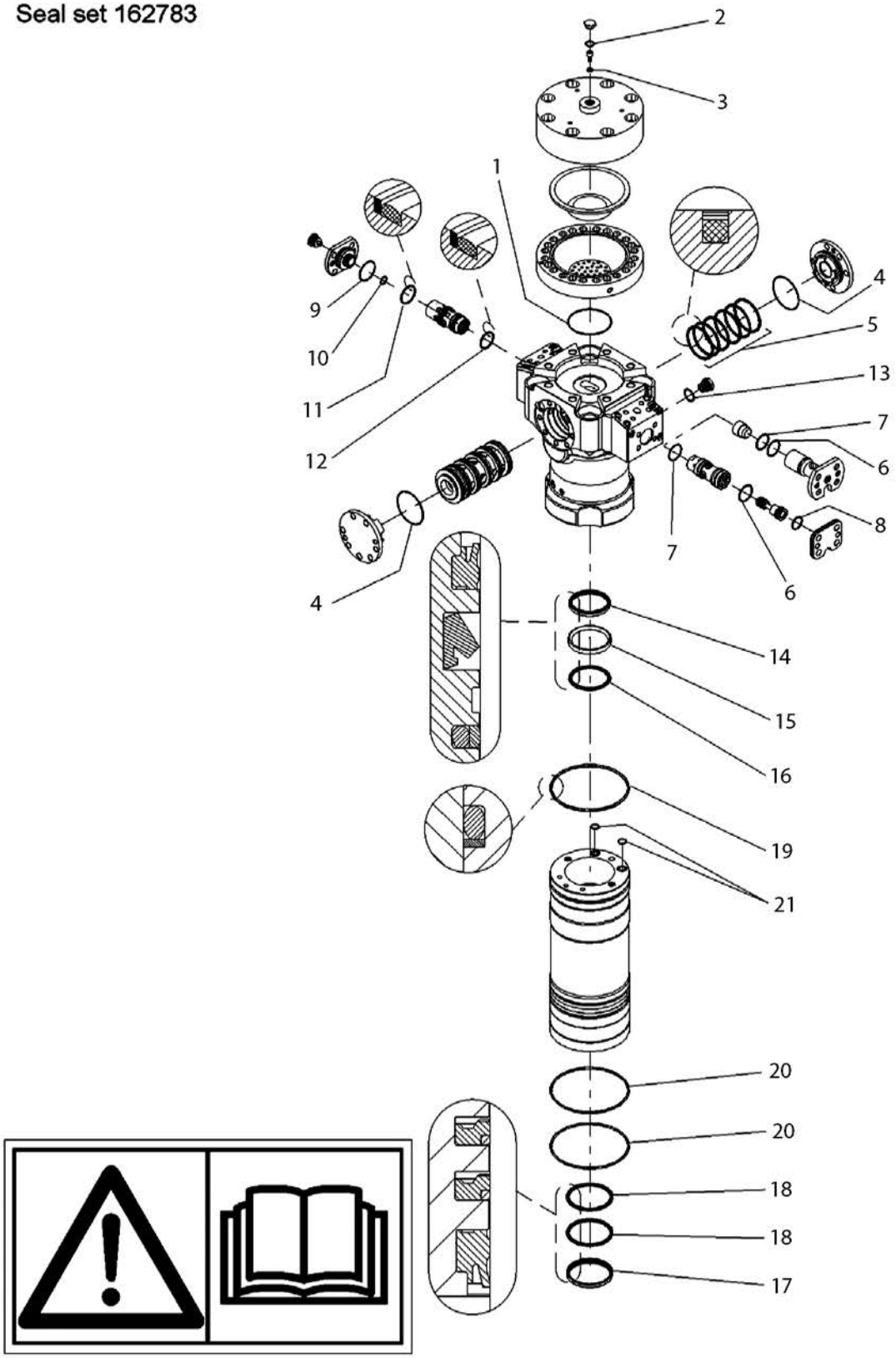
10. TOOL



Item	Description	Part no.	Specification	Note	Qty
1	Chisel	H00000771	L = 1120 mm, W = 112 kg, D = 135 mm		1
2	Moil point	H00000773	L = 1120 mm, W = 108 kg, D = 135 mm		1
3	Blunt	H00000774	L = 920 mm, W = 100 kg, D = 135 mm		1
4	Long chisel	H00000772	L = 1270 mm, W = 129 kg, D = 135 mm		1
5	Long moil point	H00000778	L = 1270 mm, W = 125 kg, D = 135 mm		1
6	Pyramid	H00000773K3	L = 1120 mm, W = 108 kg, D = 135 mm		1
7	Long blunt	H00000774C1	L = 1120 mm, W = 121 kg, D = 135 mm		1
8	Limestone Chisel	H00000771F3	L = 1120 mm, W = 115 kg, D = 135 mm		1
9	Hard Rock Chisel	H00000771A2	L = 1120 mm, W = 106 kg, D = 135 mm		1
10	Super Blunt	H00000774T2	L = 920 mm, W = 101 kg, D = 143 mm		1

11. SEAL SET

Seal set 162783

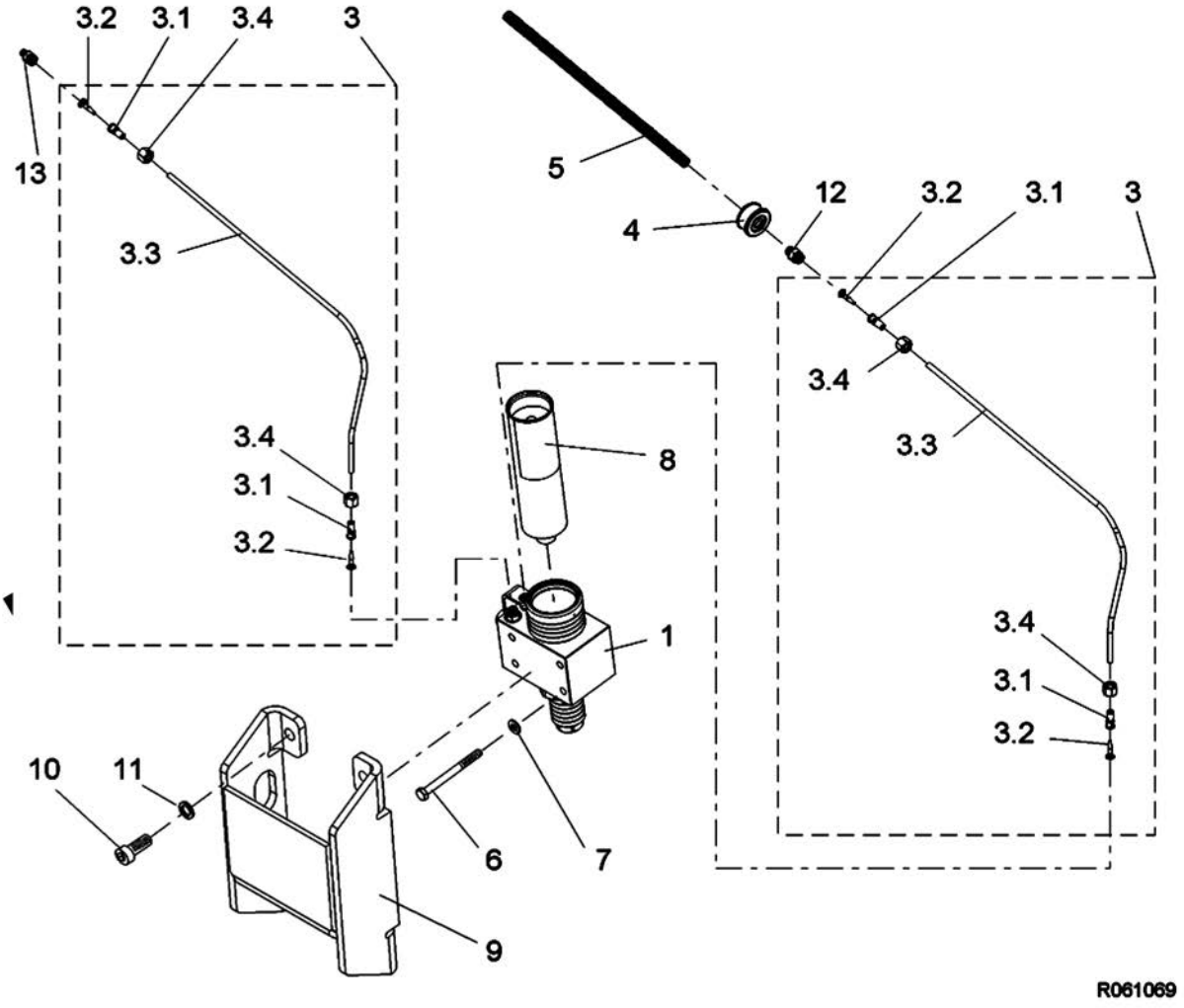


This summary only indicates the position of the seals. It must NOT be used as assembly instruction. Read the manual.

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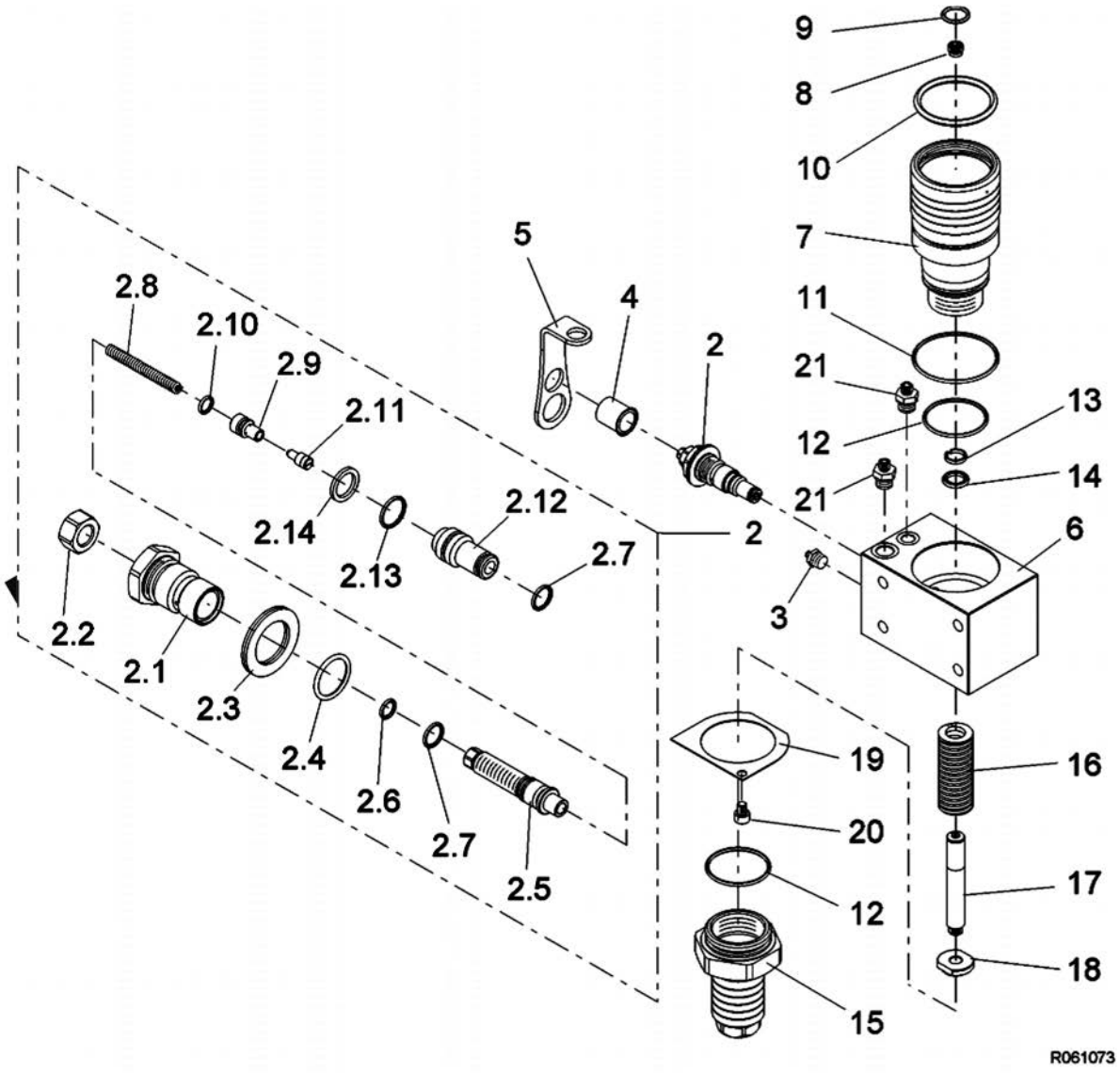
Item	Description	Part no.	Specification	Note	Qty
Kit	Seal set (incl. parts 1-21)	H00162783			1
1	Seal	H00040104	D114		1
2	O-ring	H00910006	D23		1
3	Usit-ring	H00090056	8-13.9-1		1
4	O-ring	H00090005	D105		2
5	Seal	H00902668	D110		6
6	O-ring	H00090031	D46		1
7	O-ring	H00090007	D44		1
8	O-ring	H00090017	D34		1
9	O-ring	H00090083	D60		1
10	O-ring	H00910018	D21		1
11	Seal	H00041374	D55		1
12	Seal	H00041375	D50		1
13	O-ring	H00902122	D24		1
14	Wiper	H00952635			1
15	Seal	H00902997			1
16	Seal	H00161601			1
17	Wiper	H00952636			1
18	Seal	H00952579			2
19	Seal	H00400663	D230		1
20	O-ring	H00090076	D229		2
21	O-ring	H00953941	D21		2
	The seals for greasing device are not included in this seal set. They are included in the service kit for greasing device.				

12. GREASING DEVICE KIT



Item	Description	Part no.	Specification	Note	Qty
1	Greasing device RG541	H00953344			1
3	Hose assembly (incl. parts 3.1-3.4)	H00168872			2
3.1	Sleeve	H00153035			2
3.2	Insert	H00153036			2
3.3	Hose	H00951632			1
3.4	Nut	H00951296			2
4	Rubber bushing	H00158147			1
5	Shield	H00952093			1
6	Hex. screw	H00953794	M10x110-8.8 ISO 4014		4
7	Lock washer	H00953503	M10 NL10sp NORD-LOCK		4
8	Grease cartridge	H00162593	Special tool grease, Greasing device cartridge		1
9	Shield	H00168029			1
10	Hex. socket screw	H00902895	M16x35-8.8 ISO 4762		4
11	Lock washer	H00090597	M16 NORD-LOCK		4
12	Connector	H00951295	BSPP 3/8		1
13	Connector	H00951294	BSPP 1/4		1

13. GREASING DEVICE

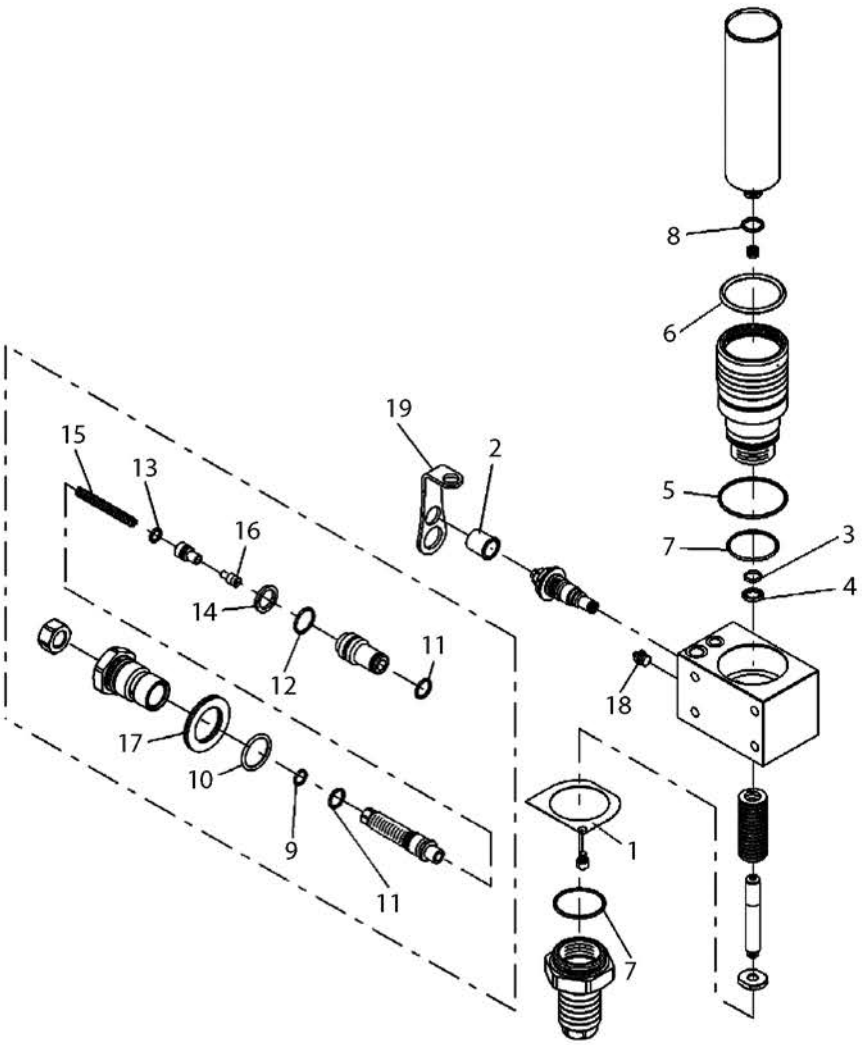


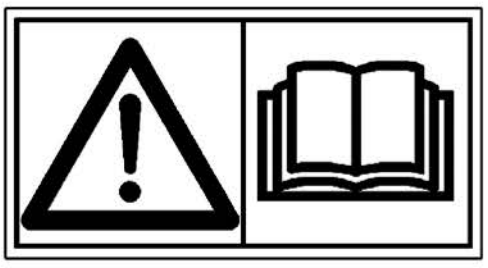
Item	Description	Part no.	Specification	Note	Qty
1	Greasing device RG541 (incl. parts 2-21)	H00953344			1
2	Doser (incl. parts 2.1-2.14)	H00953305			1
2.1	Plug	H00953318			1
2.2	Nut	H00953330	M12x1 DIN 934		1
2.3	Lock washer	H0091038	M24 NORD-LOCK	*	1
2.4	O-ring	H00953325	D21	*	1
2.5	Adjusting screw	H00953317			1
2.6	O-ring	H00953326	D8	*	1
2.7	O-ring	H00953324	D11	*	2
2.8	Spring	H00953331		*	1

Item	Description	Part no.	Specification	Note	Qty
2.9	Piston	H00953319			1
2.10	O-ring	H00953322	D7	*	1
2.11	Piston	H00953329		*	1
2.12	Body	H00953320			1
2.13	O-ring	H00953323	D15	*	1
2.14	Shim plate	H00053321		*	1
3	Grease nipple	H00090200	BSP 1/4	*	1
4	Plug	H00953303		*	1
5	Locking plate	H00953302			1
6	Body	H00953310			1
7	Cartridge holder	H00953309			1
8	Check valve	H00951767			1
9	O-ring	H00951416	D19	*	1
10	O-ring	H00951453	D62	*	1
11	O-ring	H00953300	D71	*	1
12	O-ring	H00953301	D52	*	2
13	Guide	H00950272		*	1
14	Seal	H00953299		*	1
15	Spring housing	H00953308			1
16	Spring	H00950257			1
17	Piston	H00953307			1
18	Nut	H00953306			1
19	Lock plate	H00951410		*	1
20	Hex. socket screw	H00951421	M8x10-8.8 ISO 4762		1
21	Connector	H00951294	BSPP 1/4		3
kit	Seal set for greasing device	H00953385			1
	*) Are included in seal set for greasing device				

14. SERVICE KIT FOR GREASING DEVICE

Service kit 953385



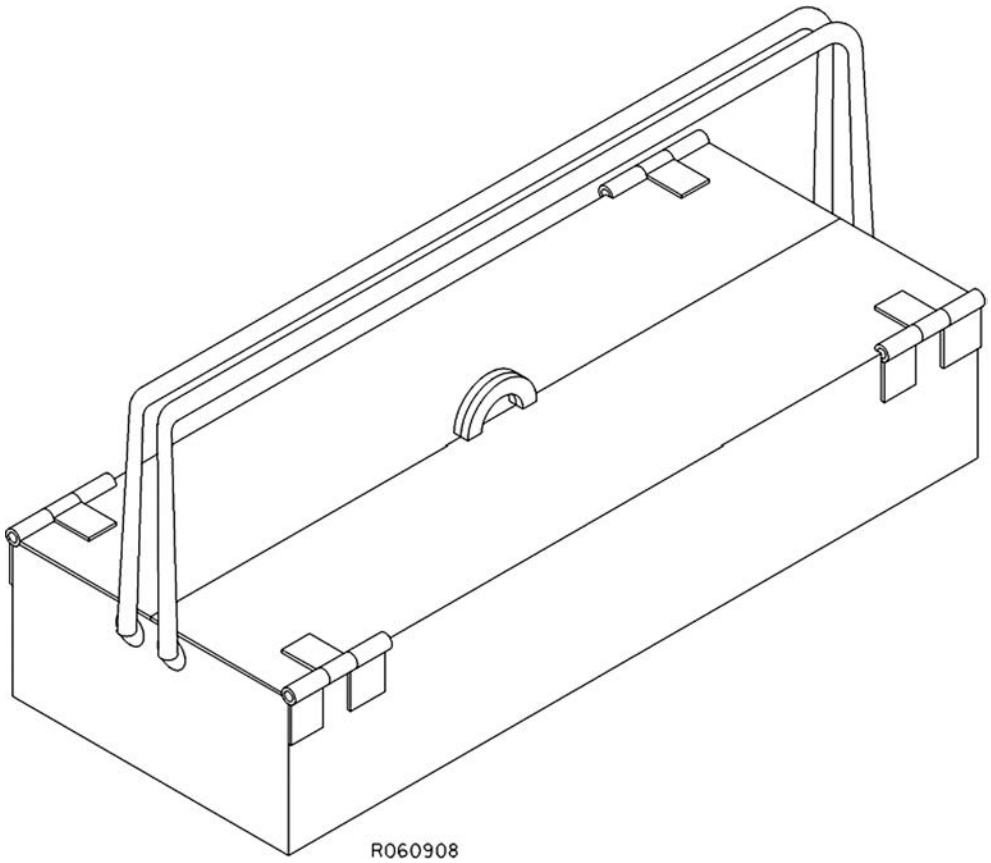


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Item	Description	Part no.	Specification	Note	Qty
Kit	Service kit for greasing device (incl. parts 1-19)	H00953385			1
1	Lock plate	H00951410			1
2	Plug	H00953303			2
3	Guide ring	H00950272			1
4	Seal	H00953299			1
5	O-ring	H00953300	D71		1
6	O-ring	H00951453	D62		1
7	O-ring	H00953301	D52		2
8	O-ring	H00951416	D19		1
9	O-ring	H00953326	D8		2
10	O-ring	H00953325	D21		2
11	O-ring	H00953324	D11		4
12	O-ring	H00953323	D15		2
13	O-ring	H00953322	D7		2
14	Shim plate	H00953321			2
15	Spring	H00953331			2
16	Piston	H00953329			2
17	Lock washer	H00091038	M24 NORD-LOCK		2
18	Grease nipple	H00090200	R1/4		2
19	Locking plate	H00953302			2
	Service kit for greasing device are not included in hammers seal set.				

15. TOOL BOX



Item	Description	Part no.	Specification	Note	Qty
Kit10	Tool box 10 (incl. parts 1-28)	H00953263			1
1	Tool box	H00090665			1
2	Grease gun	H00090202			1
4	Tool grease	H00902045			1
7	Grease cartridge	H00951370			1
8	Screwdriver		6x150		1
9	Hammer		2 kg		1
28	Assembling screw	H00952539	M16x100-8.8 ISO 8677		1