PARTS MANUAL
ver. 1.0
PMHB330ENG.311

HYDRAULIC BREAKER
HAMMER HB 330

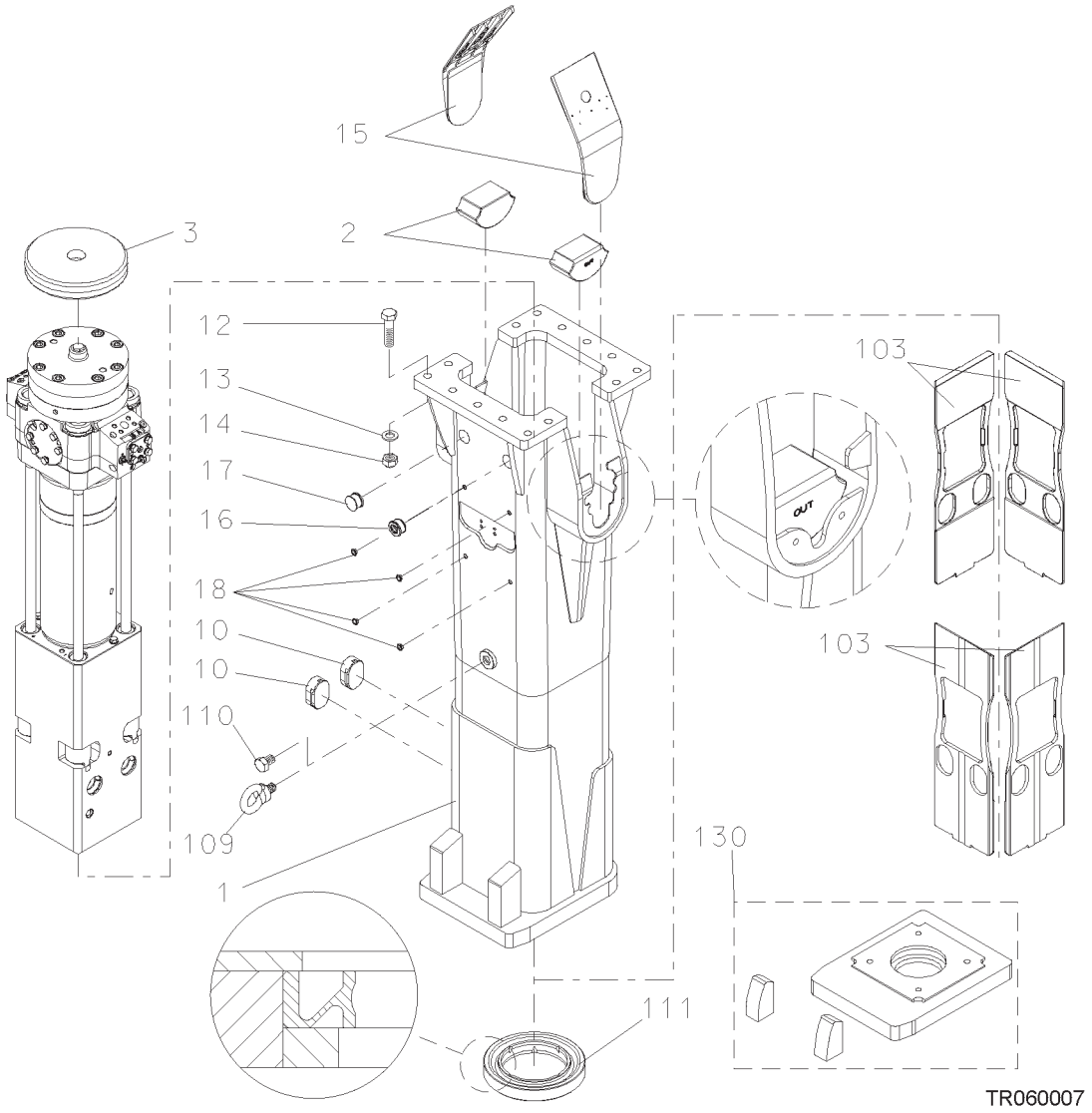
Serial No.
TRK3300006-UP

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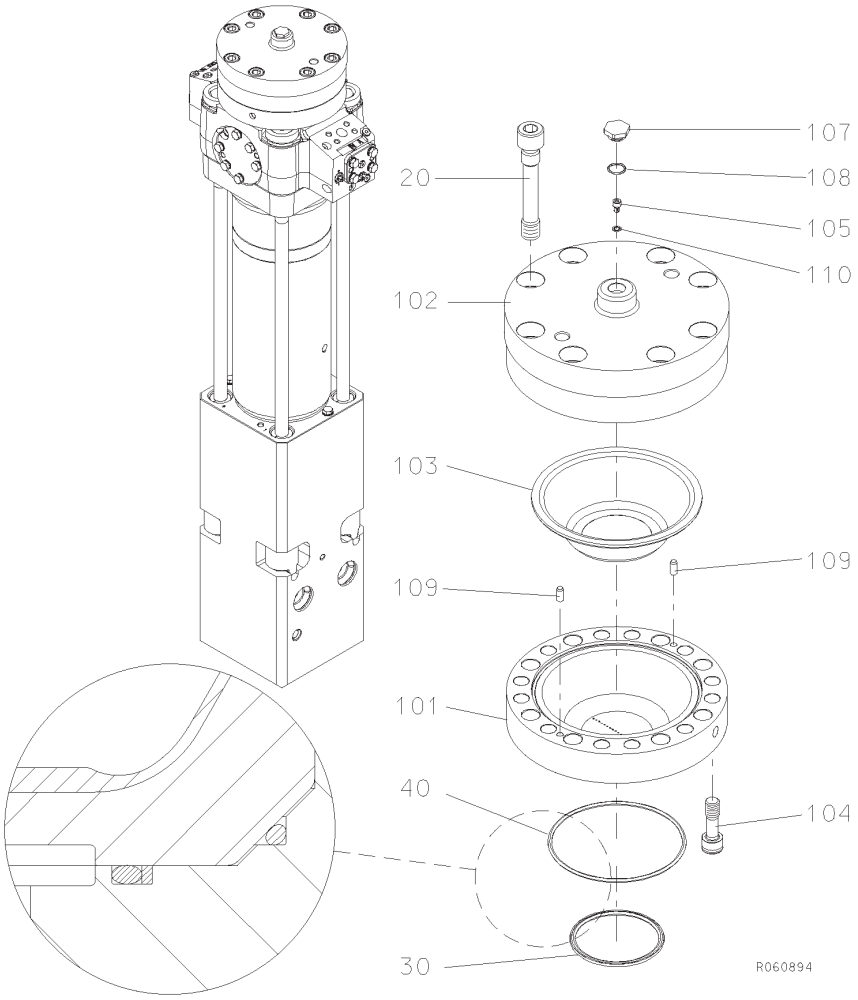
PARTS

1. HOUSING UNIT



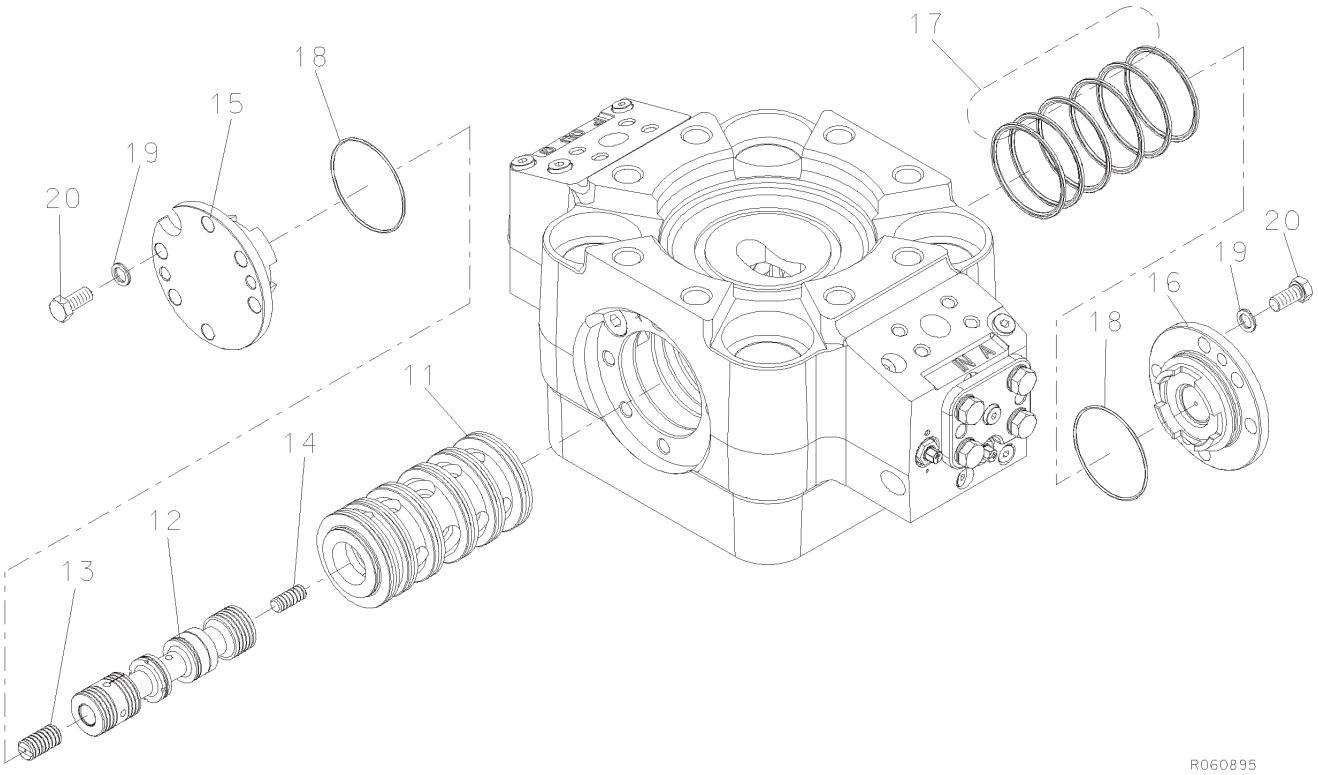
Item	Description	Part no.	Specification	Note	Qty
1	Housing	H00168836			1
2	Pad	H00155438			2
3	Buffer	H00154317		Ж	1
10	Plug	H00157947			2
12	Hex. screw	H00090589	M24x110-12.9 ISO 4014		14
13	Washer	H00090511	24 ISO 7416		14
14	Lock nut	H00090507	M24-12 DIN 985		14
15	Shield plate	H00163556			2
16	Plug	H00158147			1
17	Plug	H00400491			1
18	Plug	H00953291			4
103	Wear plate	H00163355	M30 DIN 580		4
109	Lifting eye	H00090705			1
110	Hex. screw	H00900026	M30x40-8.8 ISO 4017		1
111	Seal	H00153013			1
130	Wear parts	H00168211			1
201	Safety label set	H00161564			1

2. ACCUMULATOR



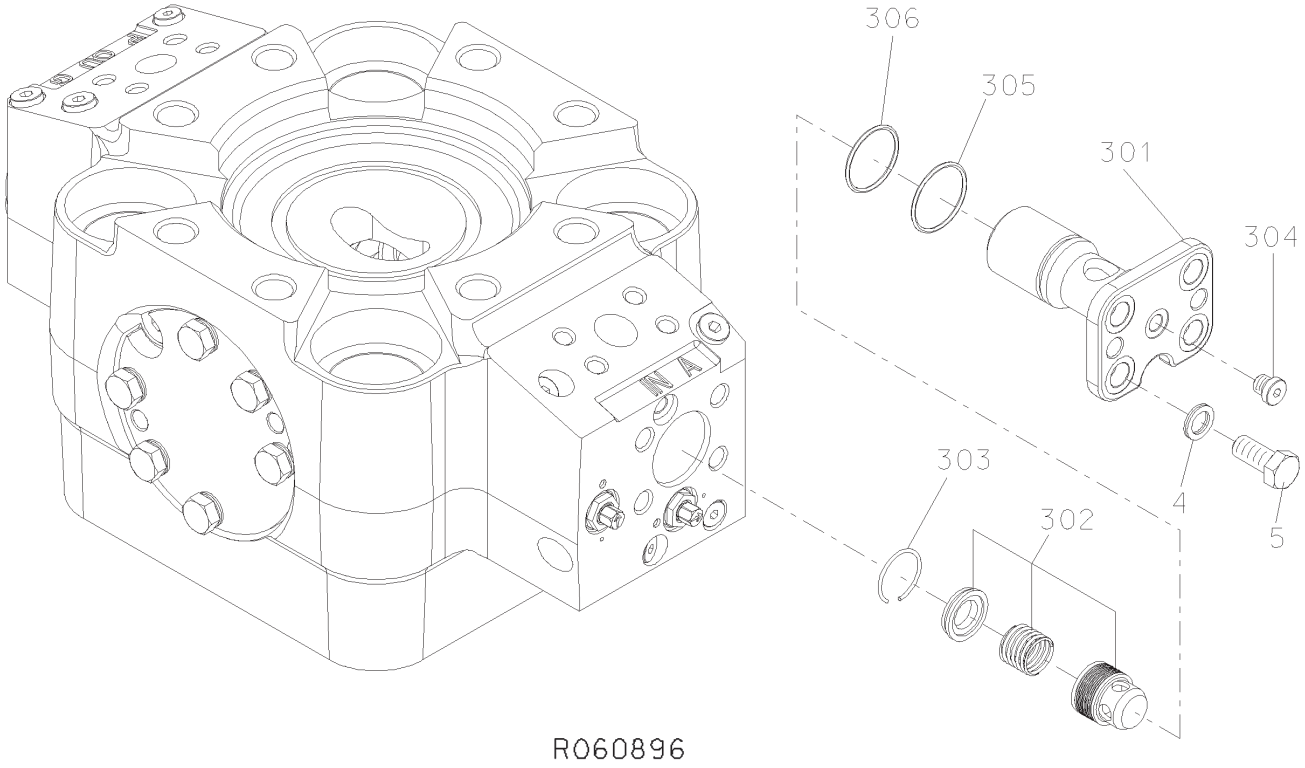
Item	Description	Part no.	Specification	Note	Qty
1	Accumulator (incl. parts 101-110)	H00155339			1
101	Accumulator bottom	H00155343			1
102	Accumulator cover	H00155342			1
103	Membrane	H00102942			1
104	Accumulator screw	H00040416			12
105	Filling plug	H00040368			1
107	Shield plug	H00154015			1
108	O-ring	H00910006	D23	*	1
109	Parallel pin	H00090304	10m6x24 DIN 6325		2
110	Usit-ring	H00090056	8-13.9-1	*	1
20	Accumulator screw	H00041335			8
30	Seal	H00041357	D124	*	1
40	O-ring	H00910002	D194	*	1
	*) Are included in seal set				

3. MAIN VALVE



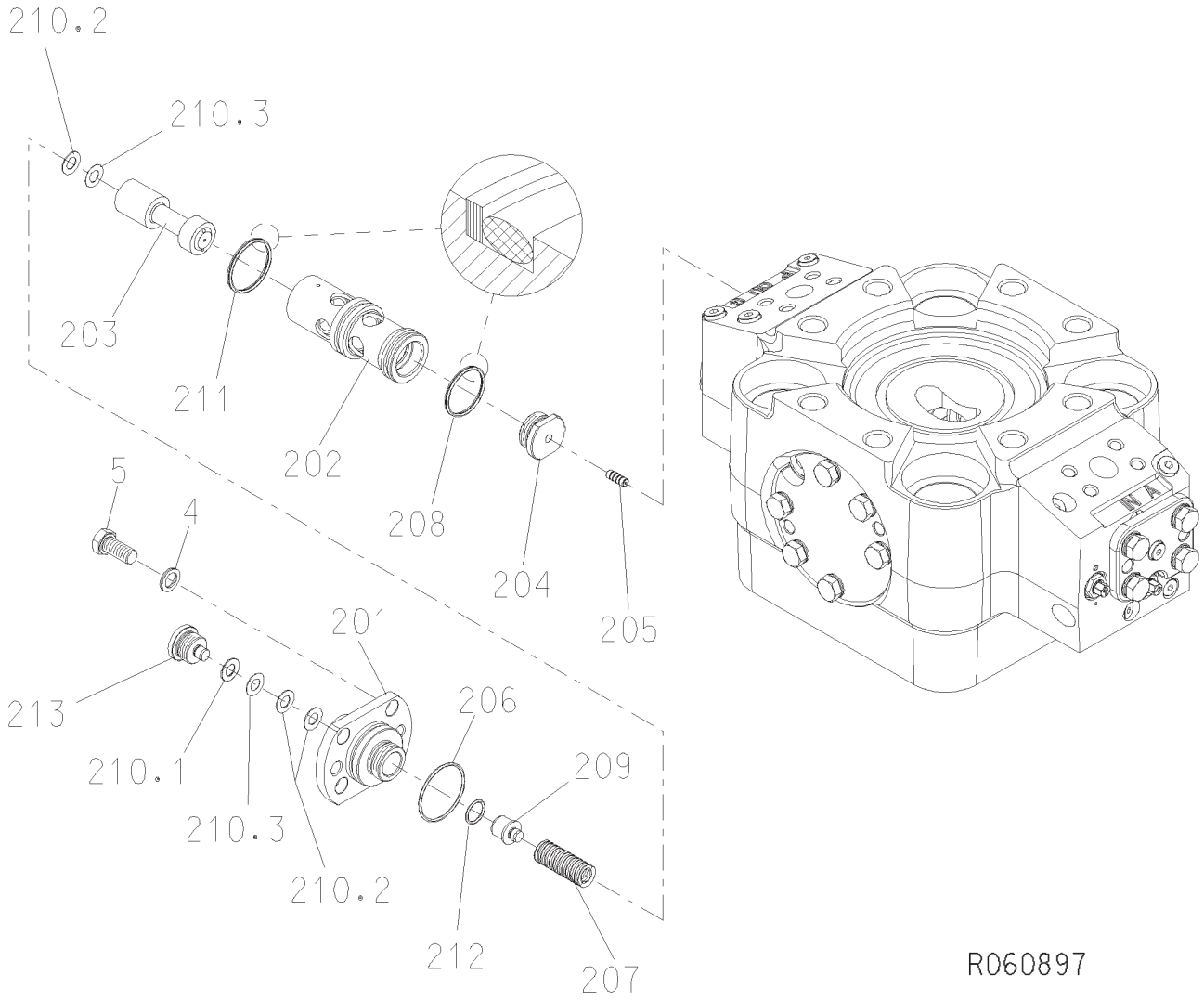
Item	Description	Part no.	Specification	Note	Qty
11	Main valve bushing	H00103802			1
12	Main spool	H00101713			1
13	Spool	H00101853	D23		1
14	Spool	H00040112	D16		1
15	Cover	H00101472			1
16	Cover	H00101830			1
17	Seal	H00902668	D110	*	6
18	O-ring	H00090005	D105	*	2
19	Lock washer	H00090597	M16 NORD-LOCK		12
20	Hex. screw	H00090517	M16x35-8.8 ISO 4017		12
	*) Are included in seal set				

4. CHECK VALVE



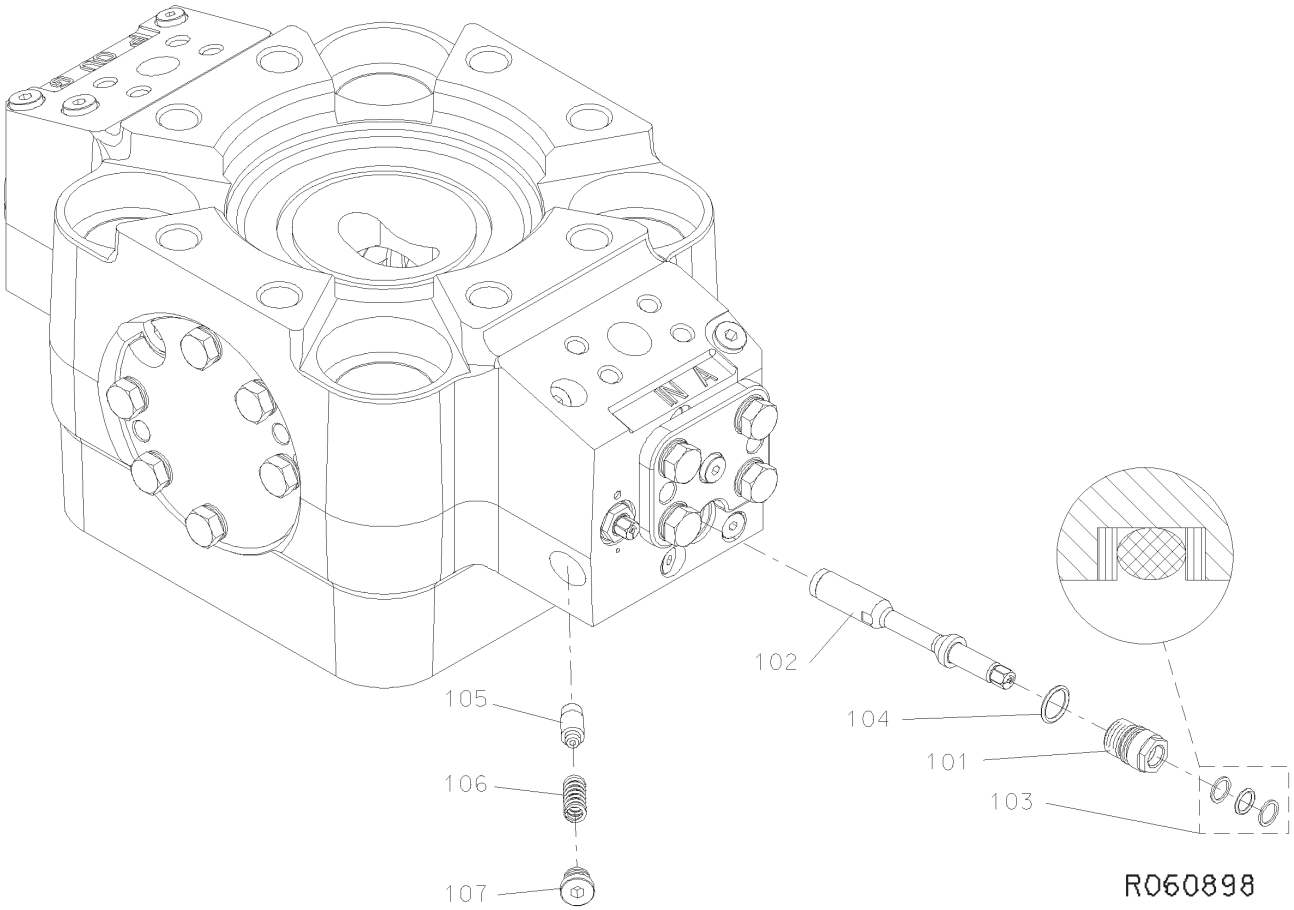
Item	Description	Part no.	Specification	Note	Qty
3	Check valve (incl. parts 301-306)	H00157938			1
301	Check valve housing	H00157937			1
302	Check valve	H00090432			1
303	Spring ring	H00090310	B38 DIN 7993		1
304	Flange plug	H00090403	R1/4		1
305	O-ring	H00090031	D46	*	1
306	O-ring	H00090007	D44	*	1
4	Lock washer	H00090597	M16 NORD-LOCK		4
5	Hex. screw	H00090517	M16x35-8.8 ISO 4017		4
	*) Are included in seal set				

5. PRESSURE CONTROL VALVE



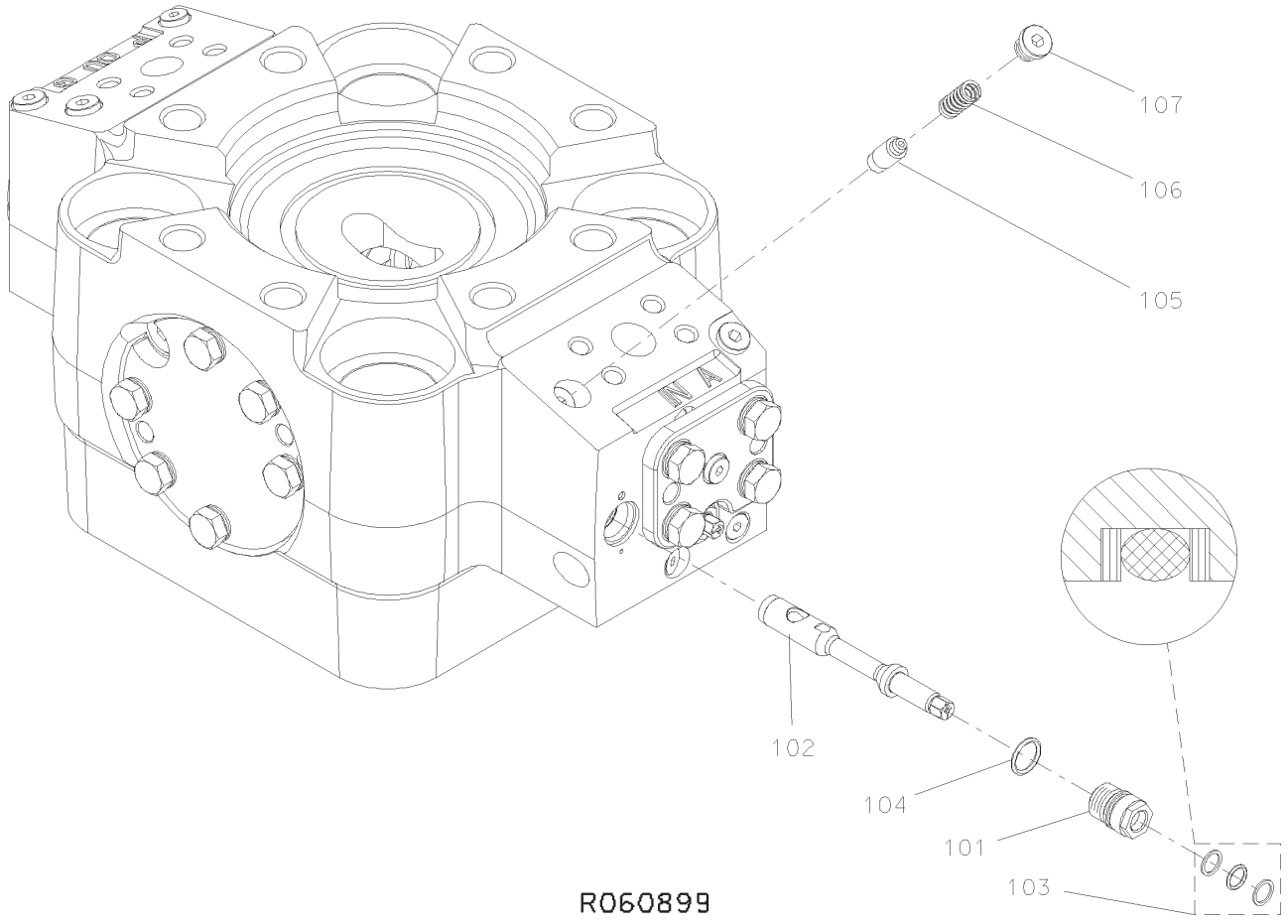
Item	Description	Part no.	Specification	Note	Qty
2	Preressu control valve (incl. parts 201-213)	H00162450			1
201	Cover	H00161413			1
202	Valve housing	H00162451			1
203	Spool	H00162452			1
204	Guide	H00400688			1
205	Spool	H00400690	D9		1
206	O-ring	H00090083	D60	*	1
207	Spring	H00090104			1
208	Seal	H00041375	D50	*	1
209	Spring guide	H00161433			1
210.1	Shim plate	H00042365	S=1.25		X
210.2	Shim plate	H00041793	S=1		X
210.3	Shim plate	H00041794	S=0.5		X
211	Seal	H00041374	D55	*	1
212	O-ring	H00910018	D21	*	1
213	Plug	H00112512			1
4	Lock washer	H00090597	M16 NORD-LOCK		4
5	Hex. screw	H00090517	M16x35-8.8 ISO 4017		4
	*) Are included in seal set				

6. IDLE SELECTOR



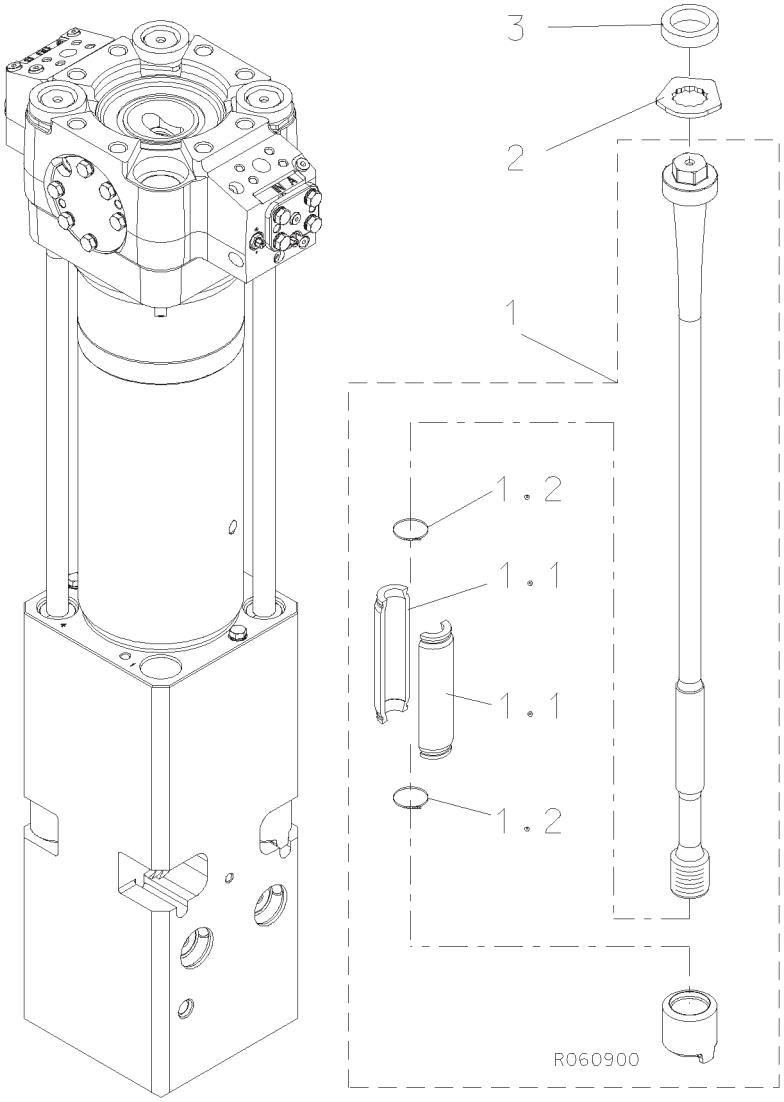
Item	Description	Part no.	Specification	Note	Qty
1	Valve (incl. parts 101-104)	H00163445			1
101	Cover	H00156729			1
102	Spool	H00163446			1
103	Seal	H00112835	D13	*	1
104	O-ring	H00090001	D20	*	1
105	Pin	H00156730			1
106	Spring	H00951797	Danly 9-1006-11		1
107	Flange plug	H00090444	BSP 3/		1

7. STROKE SELECTOR VALVE



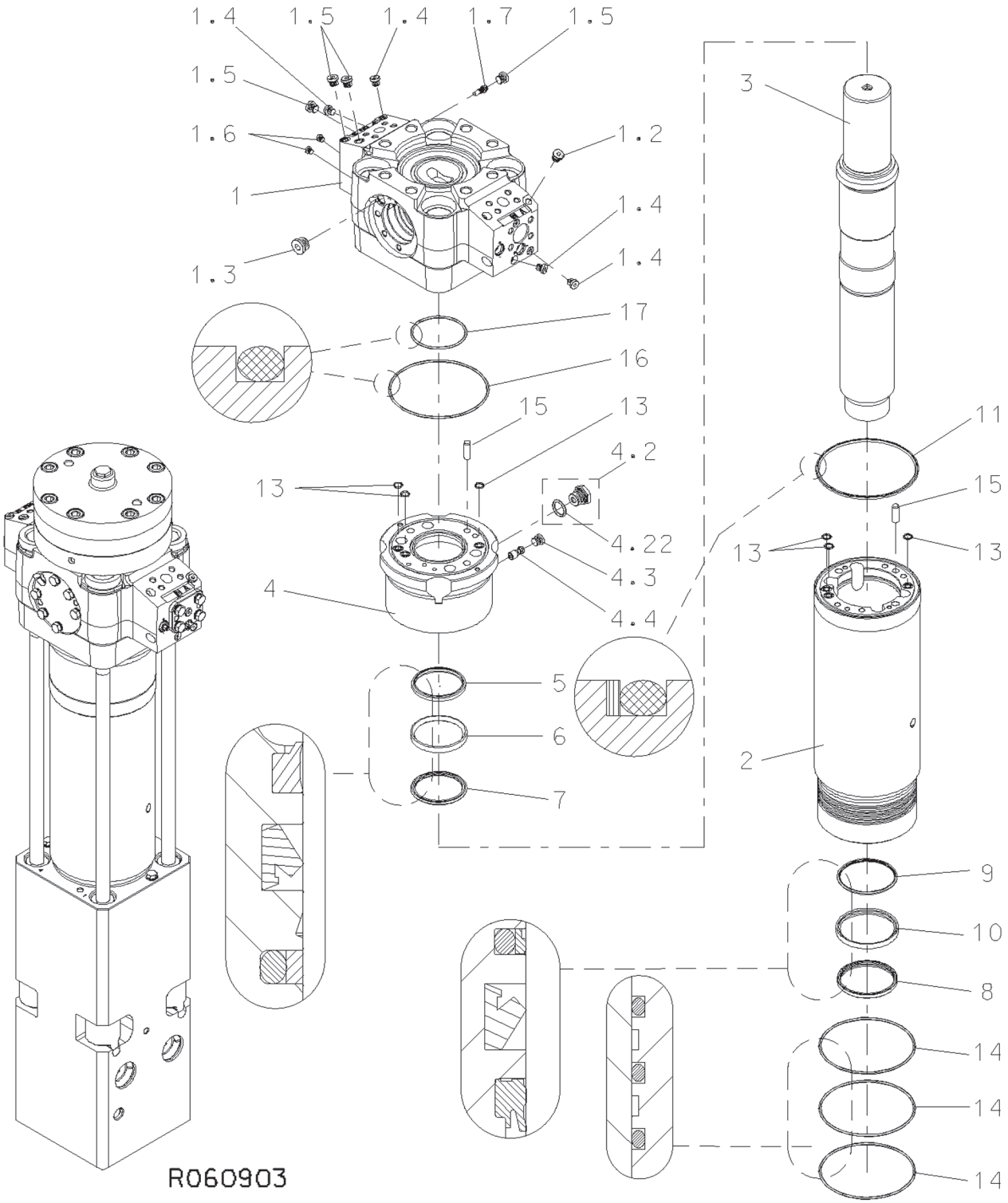
Item	Description	Part no.	Specification	Note	Qty
1	Valve (incl. parts 101-104)	H00163445			1
101	Cover	H00156729			1
102	Spool	H00163446			1
103	Seal	H00112835	D13	*	1
104	O-ring	H00090001	D20	*	1
105	Pin	H00156730			1
106	Spring	H00951797	Danly 9-1006-11		1
107	Flange plug	H00090444	BSP 3/8		1
	*) Are included in seal set				

8. TIE RODS



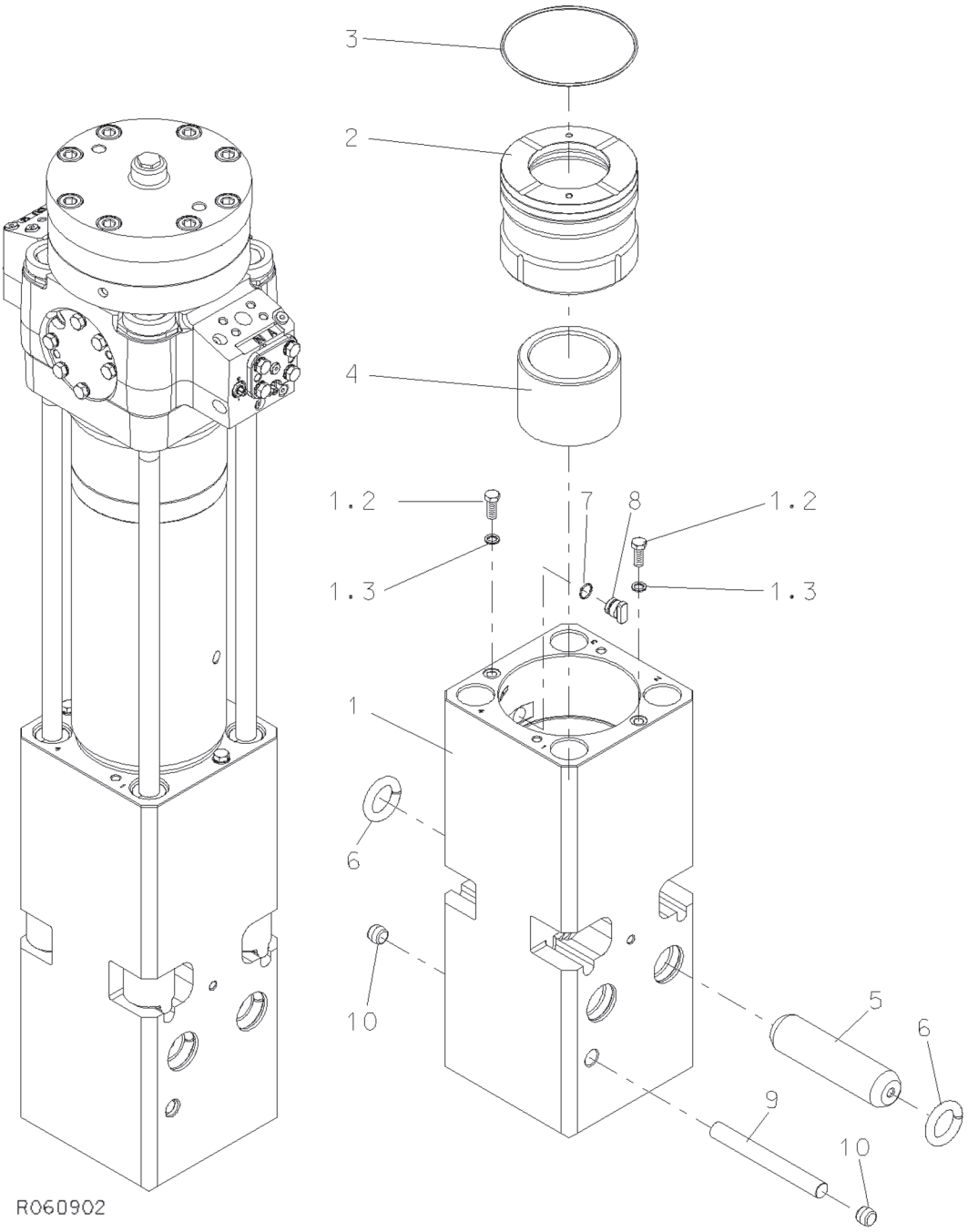
Item	Description	Part no.	Specification	Note	Qty
1	Tie rod (incl. parts 1.1-1.2)	H00158327			4
1.1	Vibration dampening element	H00155555			2
1.2	Cable tie	H00952009			2
2	Lock plate	H00101449			4
3	Rubber ring	H00040586			4

9. BODY PARTS


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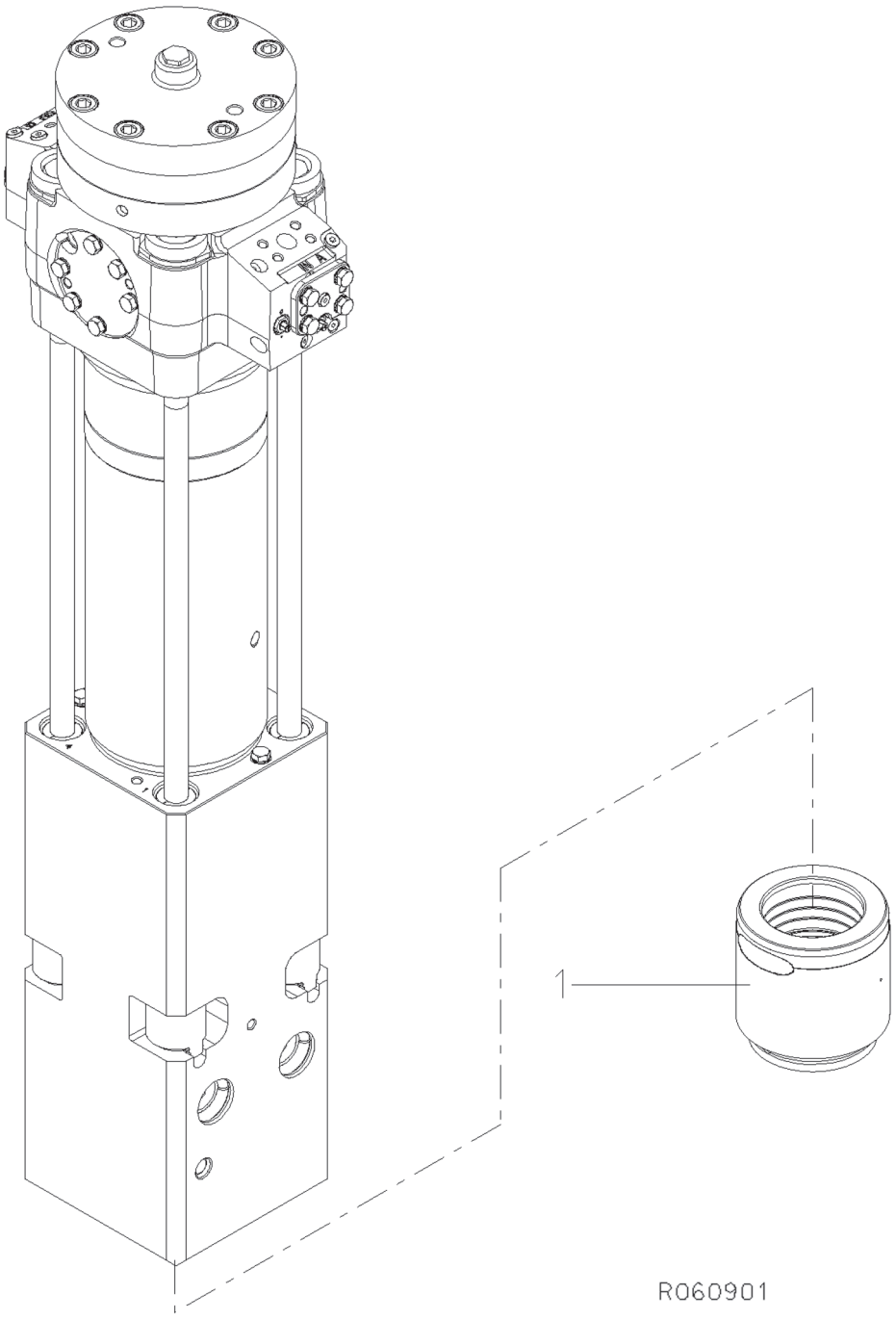
Item	Description	Part no.	Specification	Note	Qty
1	Valve body (incl. parts 1.2-1.7)	H00162448			1
1.2	Breather	H00400662			1
1.3	Flange plug	H00090401	R3/4		1
1.4	Flange plug	H00090403	R1/4		4
1.5	Flange plug	H00090444	R3/8		4
1.6	Flange plug	H00093203	R1/8		2
1.7	Nozzle	H00159795			1
2	Cylinder	H00162442			1
3	Piston	H00162445			1
4	Seal carrier (incl. parts 4.2-4.4)	H00162446			1
4.2	Breather (incl. part 4.22)	H00101700			1
4.22	O-ring	H00901173	D27	*	1
4.3	Plug	H00155625			1
4.4	Flange plug	H00090444	R3/8		1
5	Wiper	H00901160	D119	*	1
6	Seal	H00951598	D120	*	1
7	Seal	H00150244	D118	*	1
8 ^	Wiper	H00952657	D135	*	1
9	Seal	H00952033	D135	*	1
10	Seal	H00903325	D135	*	1
11	Seal	H00041140	D239	*	1
13	O-ring	H00901124	D17	*	6
14	O-ring	H00090076	D229	*	3
15	Parallel pin	H00090317	16m6x50 DIN 6325		2
16	O-ring	H00090046	D239	*	1
17	O-ring	H00952116	D129	*	1
	*) Are included in seal set				

10. FRONT HEAD



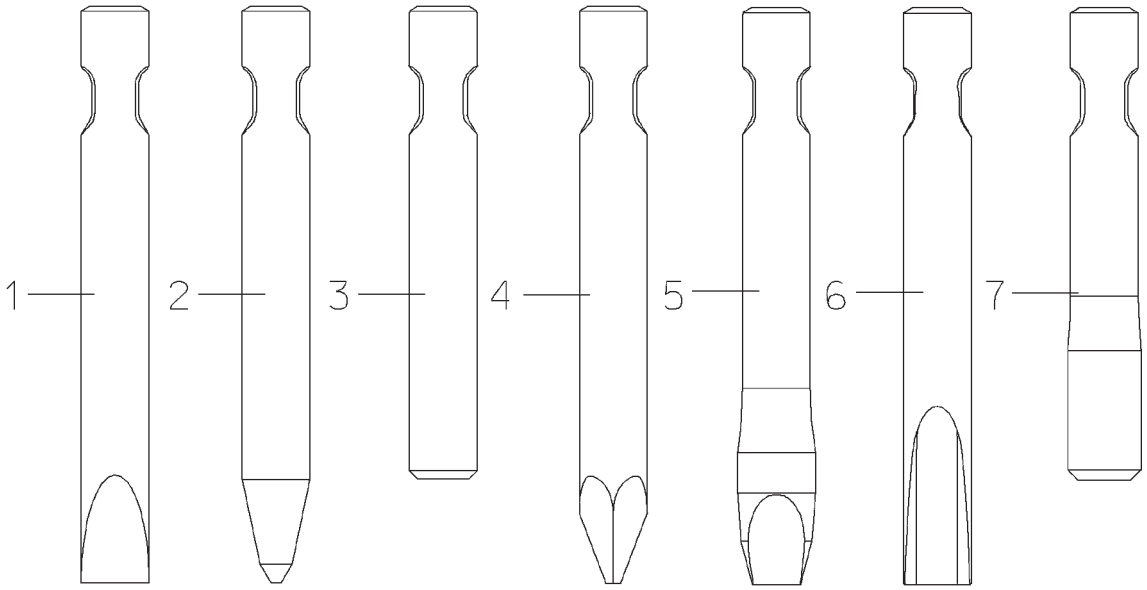
Item	Description	Part no.	Specification	Note	Qty
1	Front head (incl. parts 1.2-1.3)	162441			1
1.2	Hex. socket screw	H00900051	M16x40-12.9 ISO 4017		2
1.3	Lock washer	H00090597	M16 NORD-LOCK		2
2	Thrust ring	H00155467			1
3	O-ring	H00090076	D229	*	1
4	Upper tool bushing	H00101414			1
5	Tool retaining pin	H00153235			2
6	Ring	H00153236			4
7	Wedge	H00040110			1
8	O-ring	H00090000	D24	*	1
9	Retaining pin	H00155553	D30		1
10	Rubber plug	H00104530			2
	*) Are included in seal set				

11. LOWER TOOL BUSHING



Item	Description	Part no.	Specification	Note	Qty
1	Lower tool bushing	H00155206			1

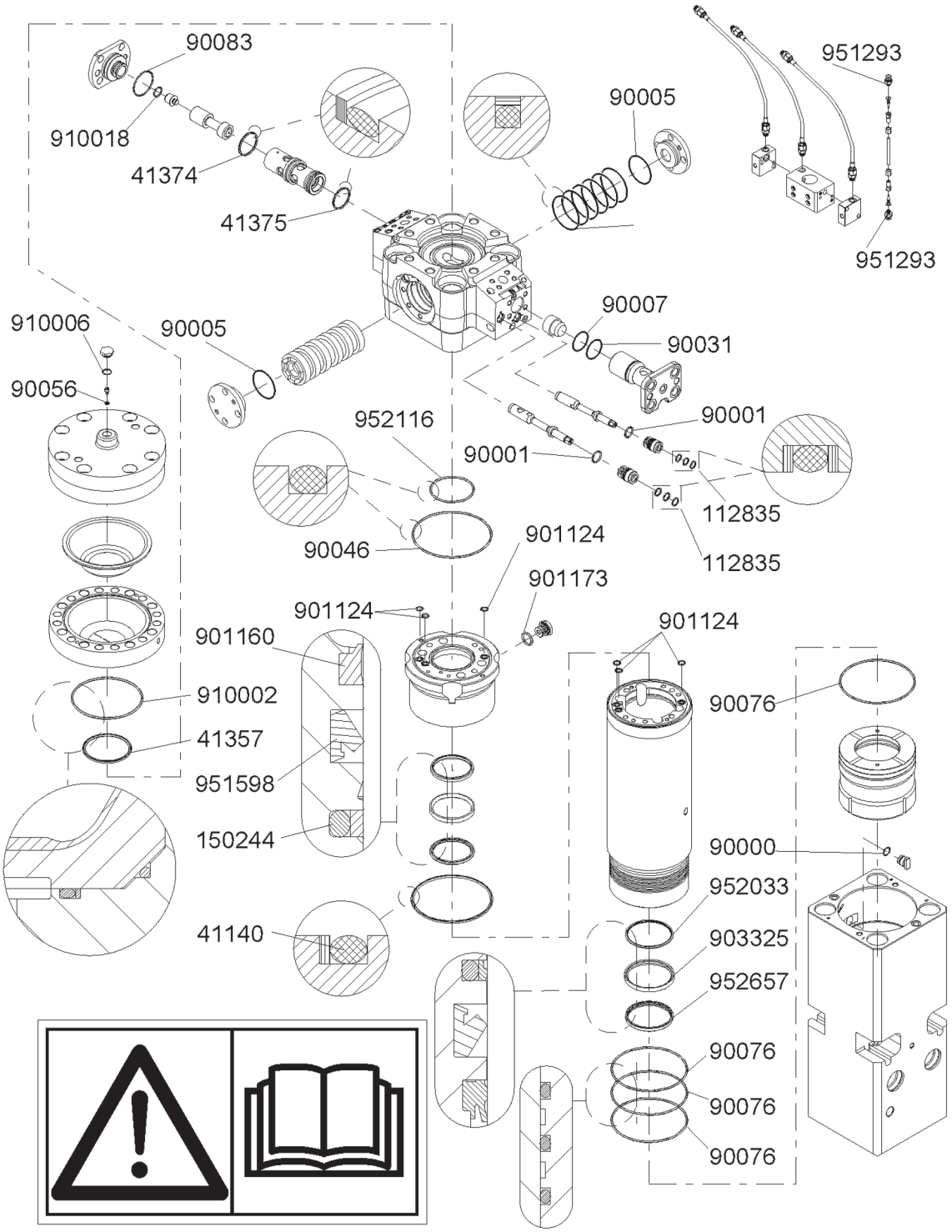
12. TOOL



R060731

Item	Description	Part no.	Specification	Note	Qty
1	Chisel	H00000881	L = 1200 mm, W = 132 kg, D = 142 mm		1
2	Moil point	H00000883	L = 1200 mm, W = 128 kg, D = 142 mm		1
3	Blunt	H00000884	L = 1050 mm, W = 124 kg, D = 142 mm		1
4	Pyramid	H00000883K3	L = 1200 mm, W = 132 kg, D = 142 mm		1
5	Limestone Chisel	H00000881F3	L = 1200 mm, W = 140 kg, D = 142 mm		1
6	Hard Rock Chisel	H00000881A2	L = 1200 mm, W = 132 kg, D = 142 mm		1
7	Super Blunt	H00000884T2	L = 1100 mm, W = 138 kg, D =150 mm		1

13. SEAL SET

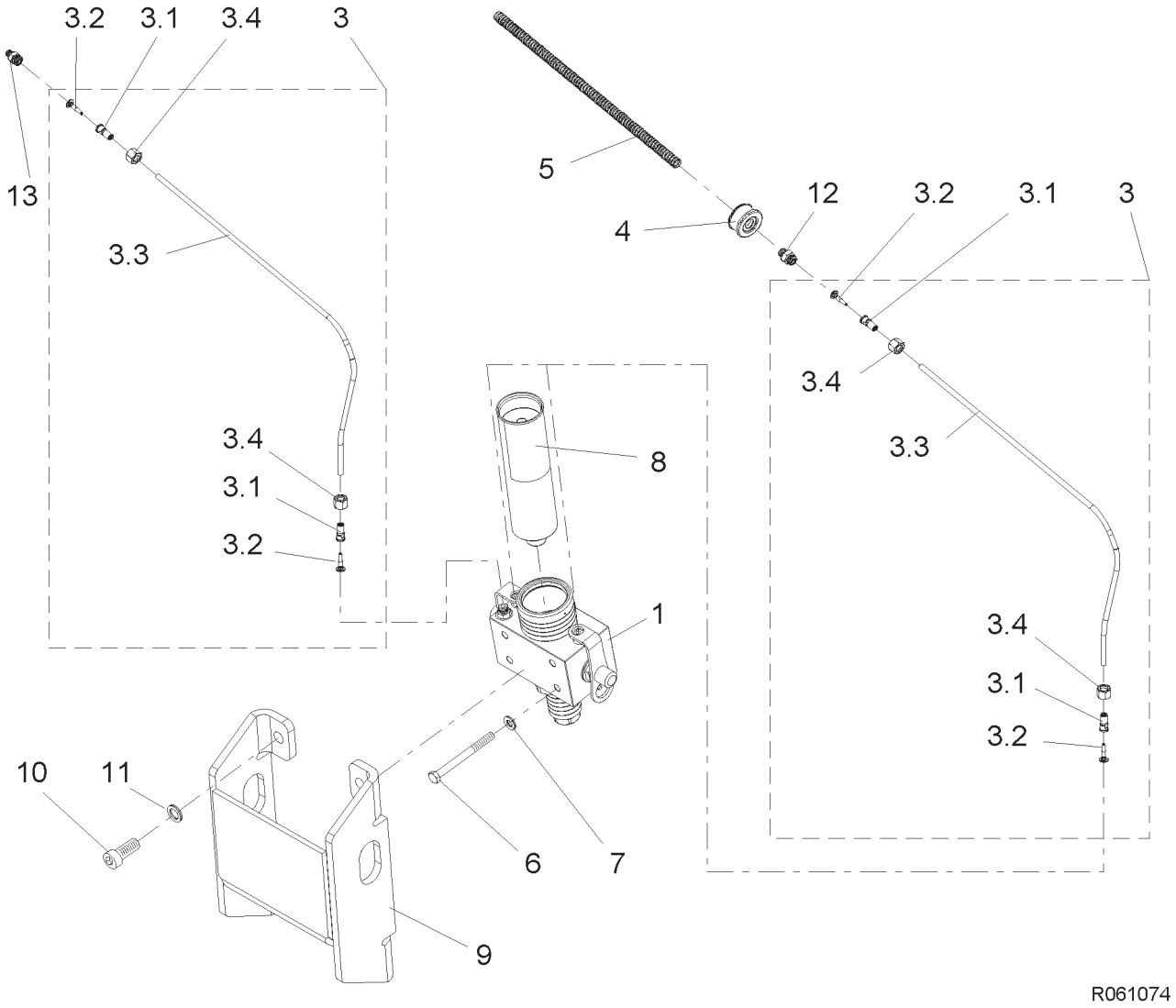


This summary only indicates the position of the seals. It must NOT be used as assembly instruction. Read the manual.

R060905

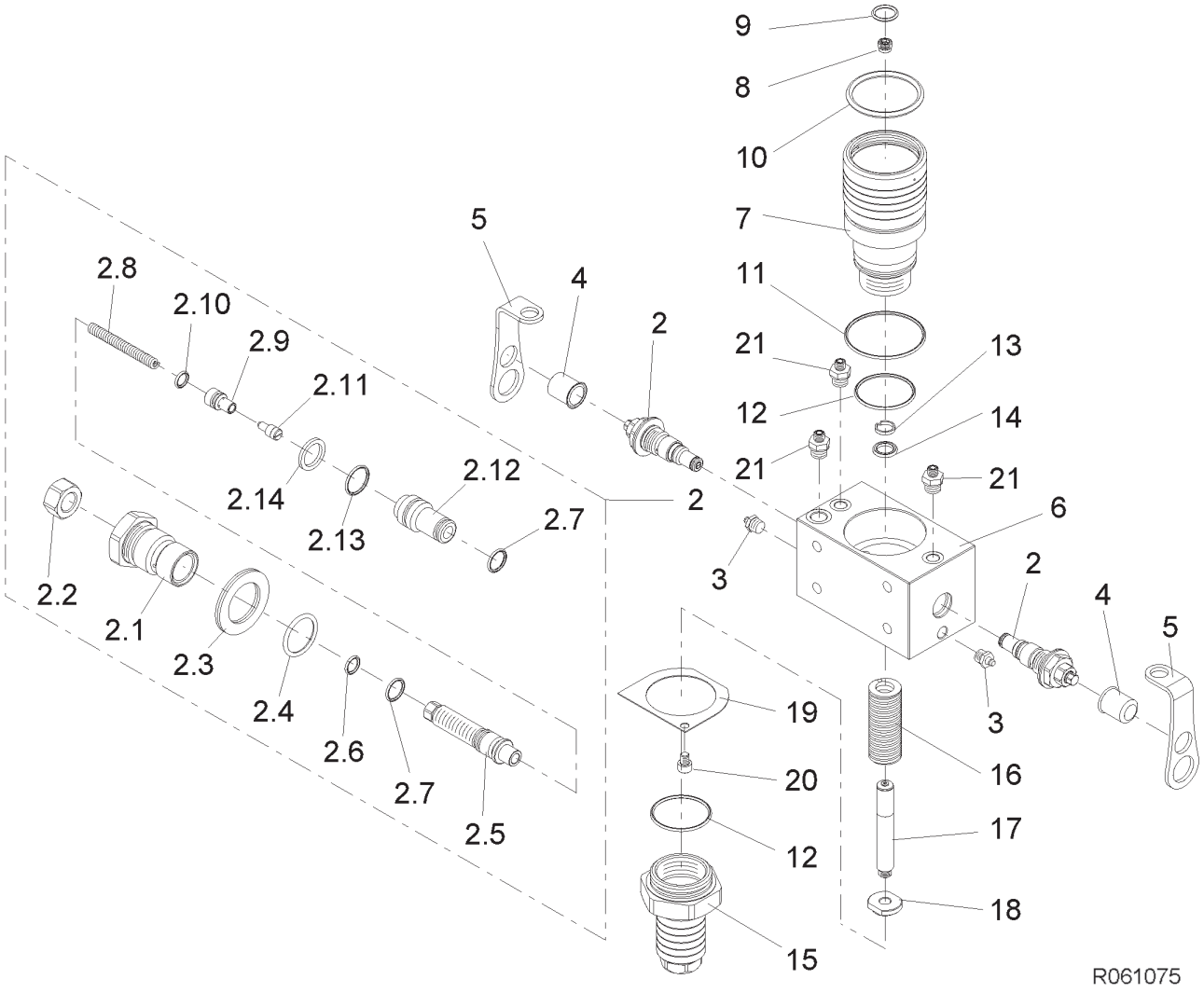
Item	Description	Part no.	Specification	Note	Qty
Kit	Seal set (incl. parts 1-28)	H00163428			1
1	O-ring	H00910006	D23		1
2	Usit-ring	H00090056	8-13.9-1		1
3	Seal	H00041357	D124		1
4	O-ring	H00910002	D194		1
5	Seal	H00112835	D13		2
6	O-ring	H00090001	D20		2
7	O-ring	H00090083	D60		1
8	Seal	H00041375	D50		1
9	Seal	H00041374	D55		1
10	O-ring	H00910018	D21		1
11	Seal	H00902668	D110		6
12	O-ring	H00090005	D105		2
13	O-ring	H00090031	D46		1
14	O-ring	H00090007	D44		1
15	O-ring	H00090076	D229		4
16	O-ring	H00090000	D24		1
17	O-ring	H00901173	D27		1
18	Wiper	H00901160	D119		1
19	Seal	H00951598	D120		1
20	Seal	H00150244	D118		1
21	Wiper	H00952657	D135		1
22	Seal	H00952033	D135		1
23	Seal	H00903325	D135		1
24	Seal	H00041140	D239		1
25	O-ring	H00901124	D17		6
26	O-ring	H00090046	D239		1
27	O-ring	H00952116	D129		1
28	O-ring	H00951293	D9		6
	The seals for greasing device are not included in this seal set. They are included in the service kit for greasing device.				

14. GREASING DEVICE KIT



Item	Description	Part no.	Specification	Note	Qty
1	Greasing device RG542	H00953345			1
3	Hose assembly (incl. parts 3.1- 3.4)	H00169872			3
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, Greasingdevice cartridge		1
9	Shield	H00168032			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		2
13	Connector	H00951294	BSPP 1/4		1

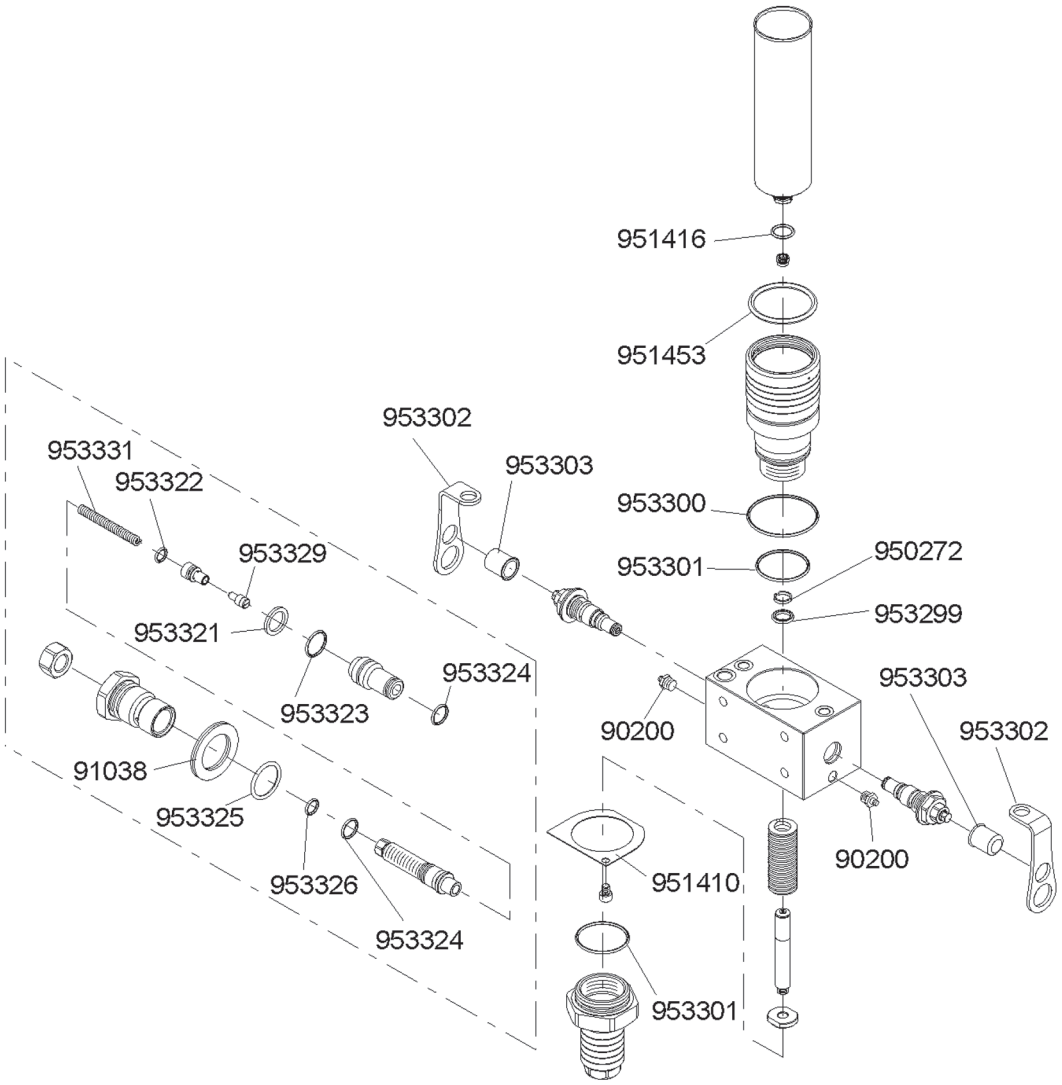
15. GREASING DEVICE

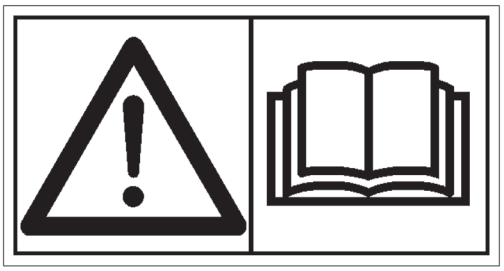


Item	Description	Part no.	Specification	Note	Qty
1	Greasing device RG542 (incl.parts 2-21)	H00953345			1
2	Doser (incl. parts 2.1-2.14)	H00953305			2
2.1	Plug	H00953318			1
2.2	Nut	H00953330	M12x1 DIN 934		1
2.3	Lock washer	H00091038	M24 NORD-LOCK	*	1
2.4	O-ring	H00953325	D21	*	1
2.5	Adjusting screw	H00953317			1
2.6	O-ring	H00953326	D8	*	1
2.7	O-ring	H00953324	D11	*	2

Item	Description	Part no.	Specification	Note	Qty
2.8	Spring	H00953331		*	1
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	*	2
4	Plug	H00953303		*	2
5	Locking plate	H00953302			2
6	Body	H00953335			1
7	Cartridge holder	H00953334			1
8	Check valve	H00951767			1
9	O-ring	H00951416		*	1
10	O-ring	H00951453	D62	*	1
11	O-ring	H00953300	D71	*	1
12	O-ring	H00953301	D52	*	2
13	Guide ring	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				

16. SERVICE KIT FOR GREASING DEVICE



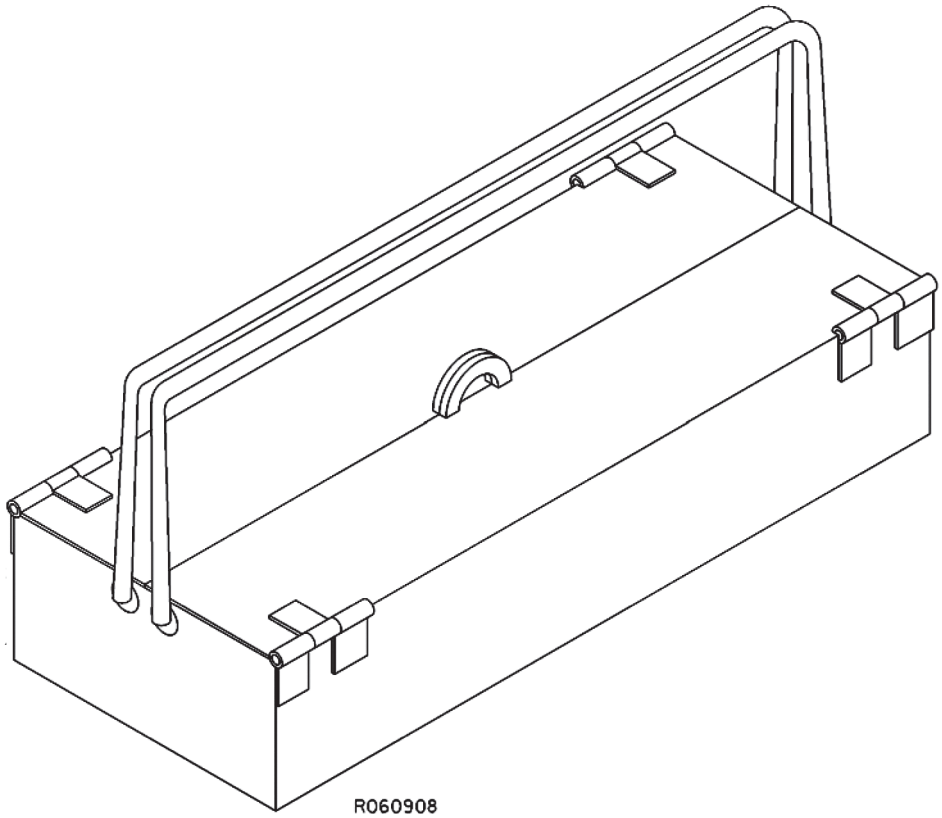


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Item	Description	Part no.	Specification	Note	Qty
Kit	Service kit for greasing device (incl. parts 1-19)	H00953385			1
1	Lock plate	H00951410			1
2	Plug	H00953303			2
3	Guide ring	H00950272			1
4	Seal	H00953299			1
5	O-ring	H00953300	D71		1
6	O-ring	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.				

17. TOOL BOX



Item	Description	Part no.	Specification	Note	Qty
Kit11	Tool box 11 (incl. parts 1-30)	H00953769			
1	Tool box	H00090665			
2	Grease gun	H00090202			
4	Tool grease	H00902045			
7	Grease cartridge	H00951370			
8	Screwdriver		6x150		
13	Puller	H00150020			
27	Flange plug	H00090444	R3/8		3
29	Combination spanner		12		1
30	Grease nipple	H00953767	R3/8		2

HAMMER