



HYDRAULIC HAMMER

RAMMER 1655E

STD

1655EA0275-UP

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GENUINE RAMMER SPARE PARTS

Rammer genuine spare parts are designed and manufactured by using the latest technological knowledge and engineering skills. Rammer spare parts are made of the best available materials with the most advanced manufacturing techniques.

It is important that you use only genuine Rammer spare parts, to ensure easy operation, maintenance and repair of the product. Please note that eventual warranty claims will be handled only if you have used genuine Rammer parts in your Rammer.

LOCATION OF THE SERIAL NUMBER

It's important to make correct reference to the serial number of the product when ordering spare parts. Identification of serial number is the only proper means of maintaining and identifying parts for a specific product. The location of equipment serial number is pointed in "Operation and maintenance" manual.

SPARE PART ORDERS

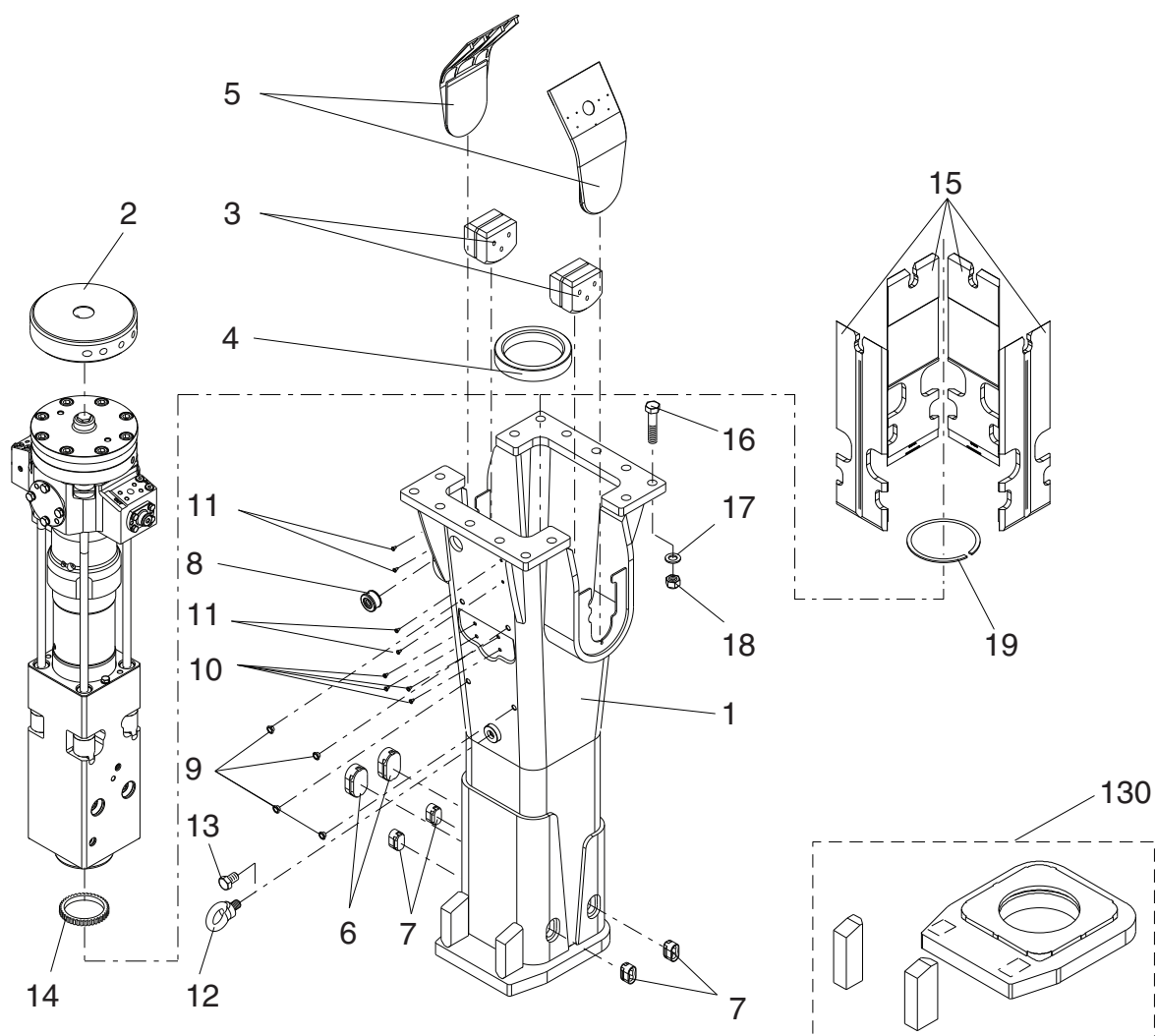
Quick spare part deliveries are secured by exact orders.

Required information:

- Name of customer and contact person
 - Order number (when available)
 - Delivery address
 - Mode of delivery (air mail etc.)
 - Required delivery date
 - Invoicing address
 - Model and serial number of the product
 - Name, number and required amount of spare parts
-

PARTS

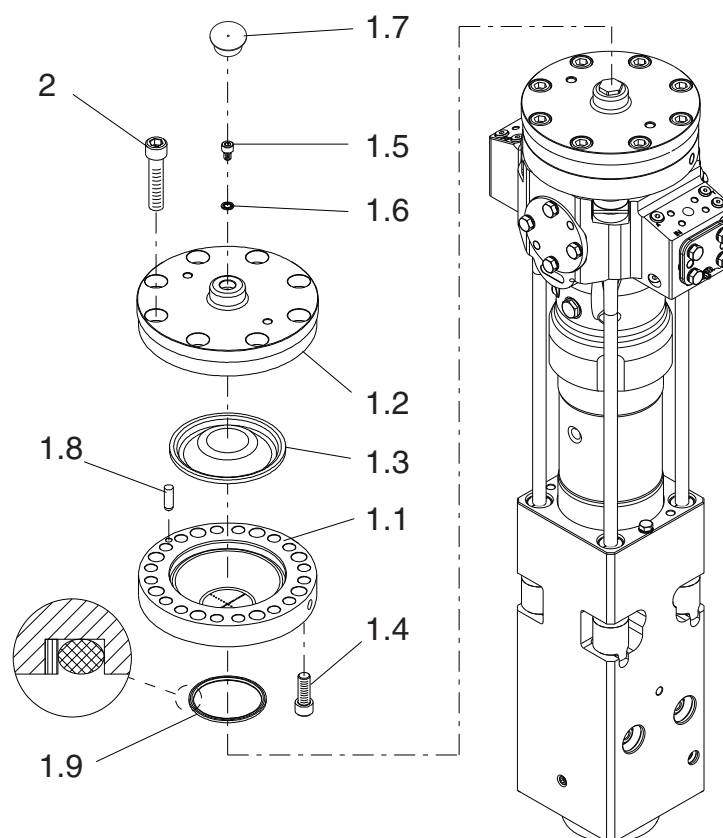
1. HOUSING UNIT



R061576

Item	Description	Part no.	Specification	Note	Qty
1	Housing	183793			1
2	Buffer	300767			1
3	Pad	300768			2
4	Seal	177346			1
5	Shield plate	177375			2
6	Rubber plug	177373			2
7	Rubber plug	177374			4
8	Rubber plug	158147			1
9	Rubber plug	953291			4
10	Rubber plug	953332			4
11	Rubber plug	953292			4
12	Lifting eye	90605	M24 DIN 580		1
13	Hex. screw	900025	M24x35-8.8 ISO 4017		1
14	Tool seal	177275			1
15	Wear plate	182415			4
16	Hex. screw	90589	M24x110-12.9 ISO 4014		14
17	Washer	90511	25 ISO 7416		14
18	Lock nut	90507	M24-12 DIN 985		14
19	Spring ring	182416			1
130	Wear parts	181221			1
200	Label set (incl. part 200.1)	177513			1
200.1	Safety label set	169400	English		1

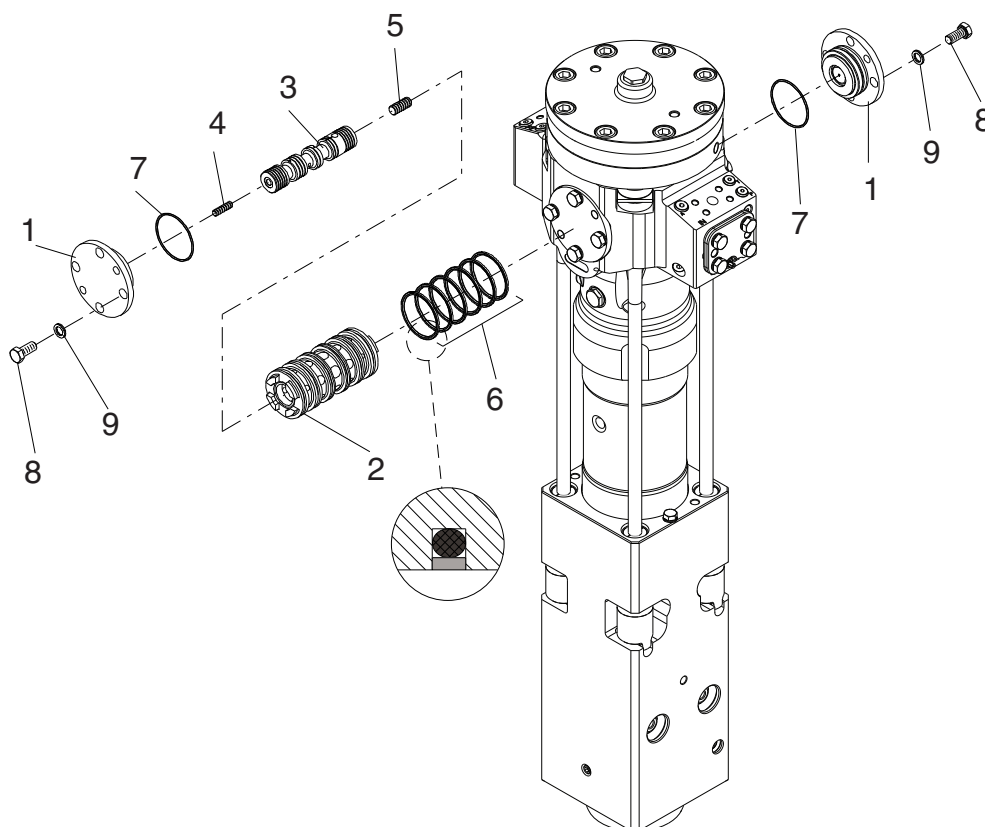
2. ACCUMULATOR



R061577

Item	Description	Part no.	Specification	Note	Qty
1	Accumulator (incl. parts 1.1-1.9)	162184			1
1.1	Accumulator bottom	162103			1
1.2	Accumulator cover	162104			1
1.3	Membrane	20604			1
1.4	Accumulator screw	950125	M20x55-8.8 ISO 4762		16
1.5	Filling plug	40368			1
1.6	Usit-ring	90056	8-13.9-1	b	1
1.7	Shield plug	954323			1
1.8	Parallel pin	90342	10m6x30 ISO 8734		1
1.9	Seal	40104	D114	b	1
2	Accumulator screw	952627	M24x110-8.8 ISO 4762		8
	^b Included in seal set				

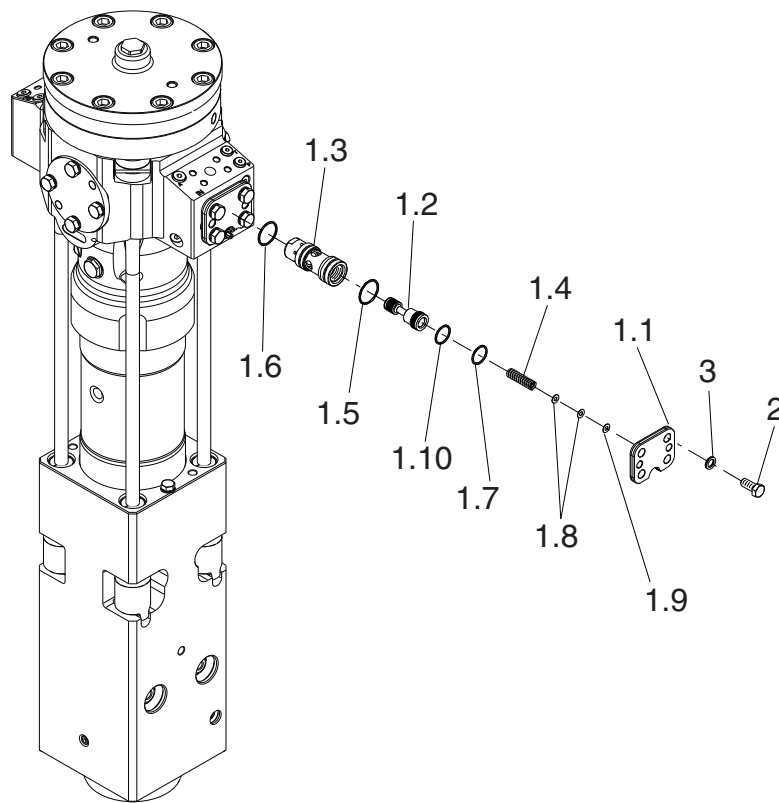
3. MAIN VALVE



R061578

Item	Description	Part no.	Specification	Note	Qty
1	Cover	40418			2
2	Main valve bushing	162131			1
3	Main spool	162328			1
4	Spool	162333			1
5	Spool	162335			1
6	Seal	162178		b	6
7	O-ring	90025	D85	b	2
8	Hex. screw	90517	M16x35-8.8 ISO 4017		8
9	Lock washer	90597	M16 NORD-LOCK		8
	^b Included in seal set				

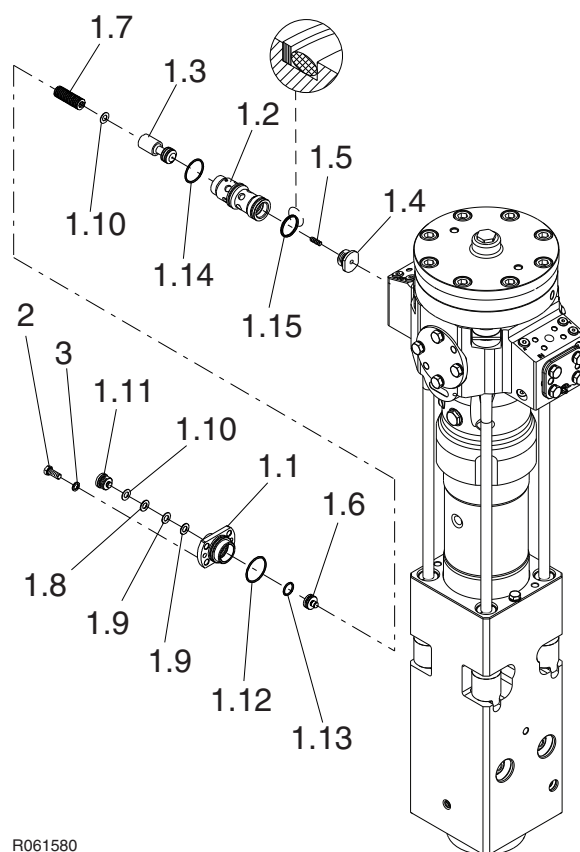
4. RAMVALVE



R061579

Item	Description	Part no.	Specification	Note	Qty
1	Ramvalve (incl. parts 1.1-1.10)	162233			1
1.1	Cover	158952			1
1.2	Spool	174665			1
1.3	Valve housing	174668			1
1.4	Spring	952162			1
1.5	O-ring	90031	D46	b	1
1.6	O-ring	90007	D44	b	1
1.7	O-ring	90017	D34	b	1
1.8	Shim plate	41639	S=0.5		X
1.9	Shim plate	41640	S=1		X
1.10	Seal	954341		b	1
2	Hex. screw	90517	M16x35-8.8 ISO 4017		4
3	Lock washer	90597	M16 NORD-LOCK		4
	^b Included in seal set				

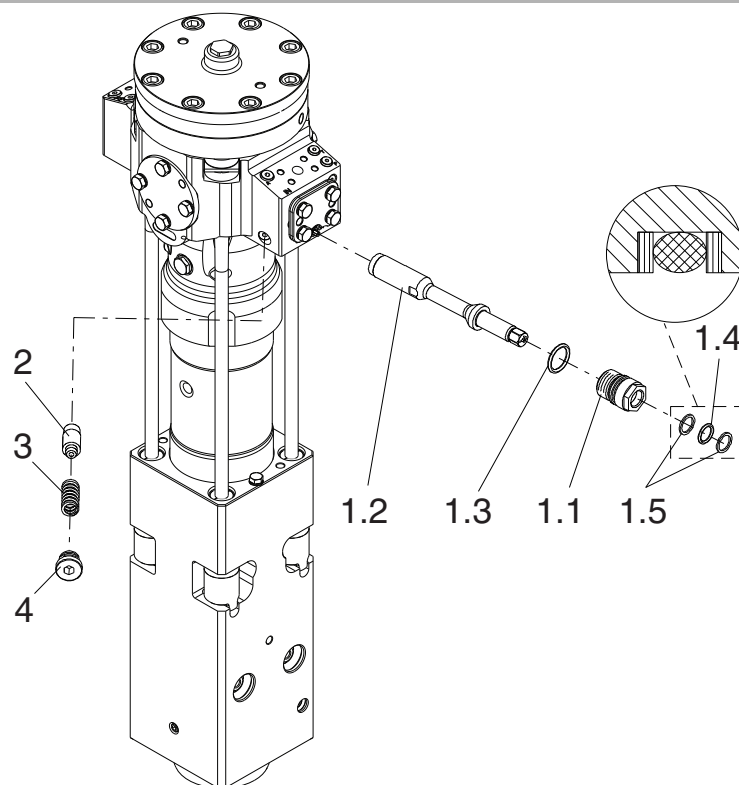
5. PRESSURE CONTROL VALVE



R061580

Item	Description	Part no.	Specification	Note	Qty
1	Pressure control valve (incl. parts 1.1-1.15)	162167			1
1.1	Cover	162166			1
1.2	Valve housing	162692			1
1.3	Spool	162693			1
1.4	Guide	40364			1
1.5	Spool	40365			1
1.6	Spring guide	162171			1
1.7	Spring	90104			1
1.8	Shim plate	41794	S=0.5		x
1.9	Shim plate	41793	S=1		x
1.10	Shim plate	174182	S=0.75		x
1.11	Plug	162518			1
1.12	O-ring	90018	D54	b	1
1.13	O-ring	90000	D24	b	1
1.14	O-ring	90019	D49	b	1
1.15	Seal	40391		b	1
2	Hex. screw	90513	M12x30-8.8 ISO 4017		4
3	Lock washer	91012	M12 NORD-LOCK		4
	^b Included in seal set				

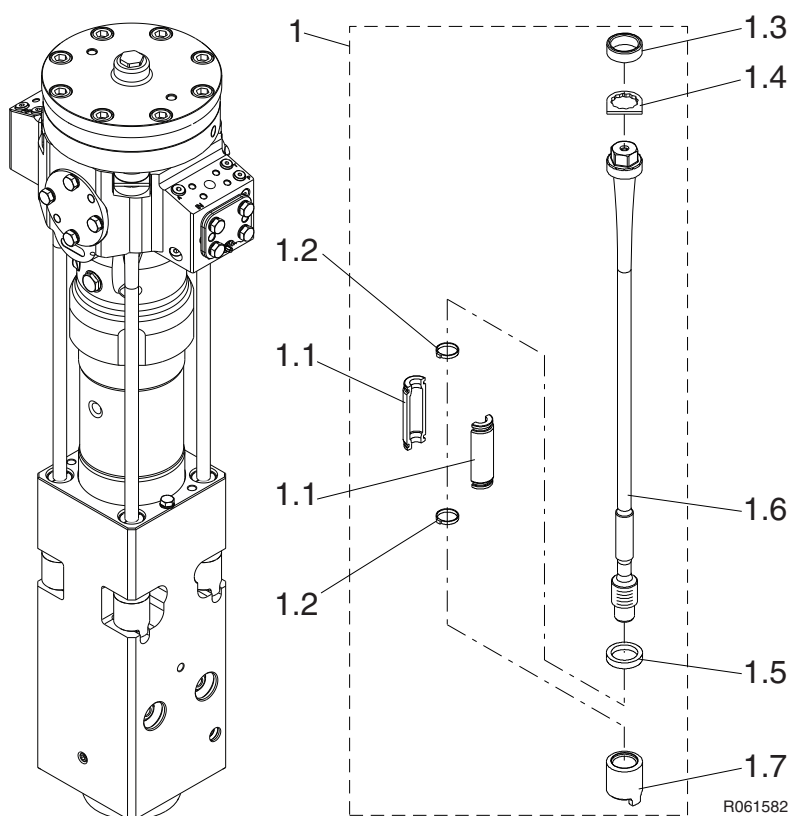
6. IDLE SELECTOR



R061581

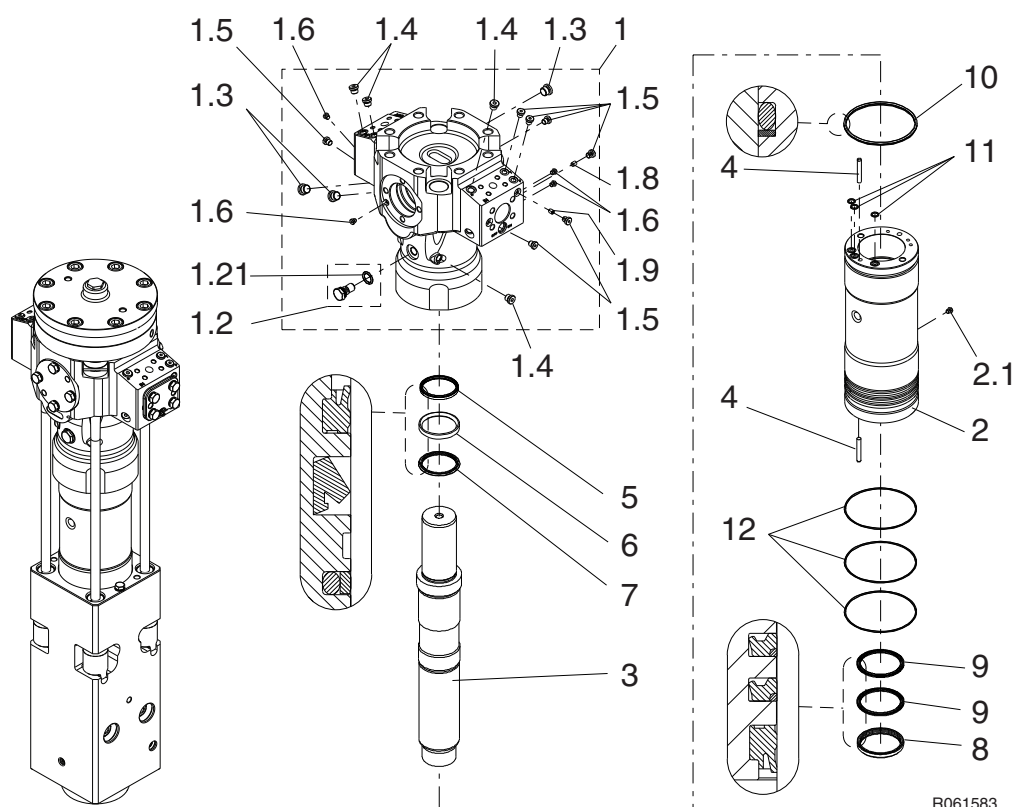
Item	Description	Part no.	Specification	Note	Qty
1	Valve (incl. parts 1.1-1.5)	177310			1
1.1	Cover	175845			1
1.2	Spool	177311			1
1.3	O-ring	901135		b	1
1.4	O-ring	901199		b	1
1.5	Supporting ring	955152		b	2
2	Pin	156730			1
3	Spring	951797	Danly 9-1006-11		1
4	Flange plug	90444	BSP 3/8		1
	^b Included in seal set				

7. TIE RODS



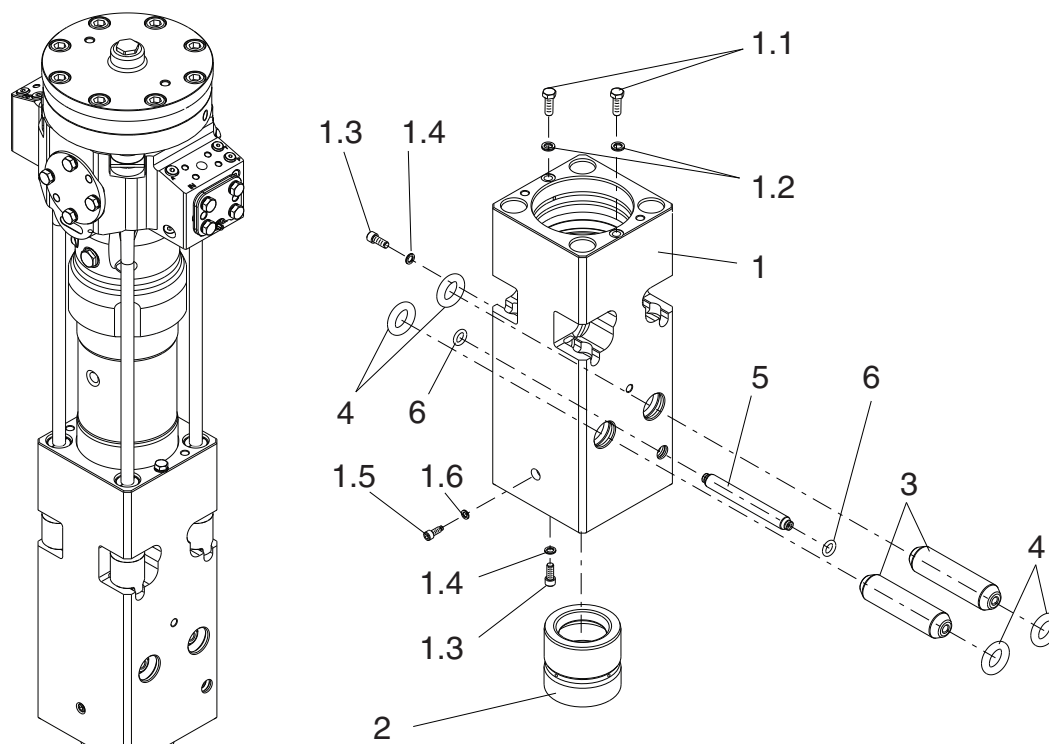
Item	Description	Part no.	Specification	Note	Qty
1	Tie rod set (incl. parts 1.1-1.7)	165572			4
1.1	Vibration dampening element	162222			2
1.2	Cable tie	952009			2
1.3	Rubber ring	40396			1
1.4	Lock plate	40367			1
1.5	Spacer	162212			1
1.6	Tie rod	N/A			1
1.7	Tie rod nut	N/A			1

8. BODY PARTS



Item	Description	Part no.	Specification	Note	Qty
1	Valve body (incl. parts 1.2-1.9)	177277			1
1.2	Breather (incl. part 1.21)	162258			1
1.21	O-ring	902122	D24	b	1
1.3	Flange plug	90424	R1/2		3
1.4	Flange plug	90444	R3/8		4
1.5	Flange plug	90403	R1/4		7
1.6	Flange plug	93203	R1/8		4
1.8	Nozzle	161922			1
1.9	Nozzle	178395			1
2	Cylinder (incl. part 2.1)	177271			1
2.1	Flange plug	93203	R1/4		1
3	Piston	162089			1
4	Parallel pin	901101	10x70 ISO 8734		2
5	Wiper	952629		b	1
6	Seal	950149		b	1
7	Seal	151217		b	1
8	Wiper	951544		b	1
9	Seal	952630		b	2
10	Seal	162360		b	1
11	O-ring	953787	D14	b	3
12	O-ring	910016	D172	b	3
	b Included in seal set				

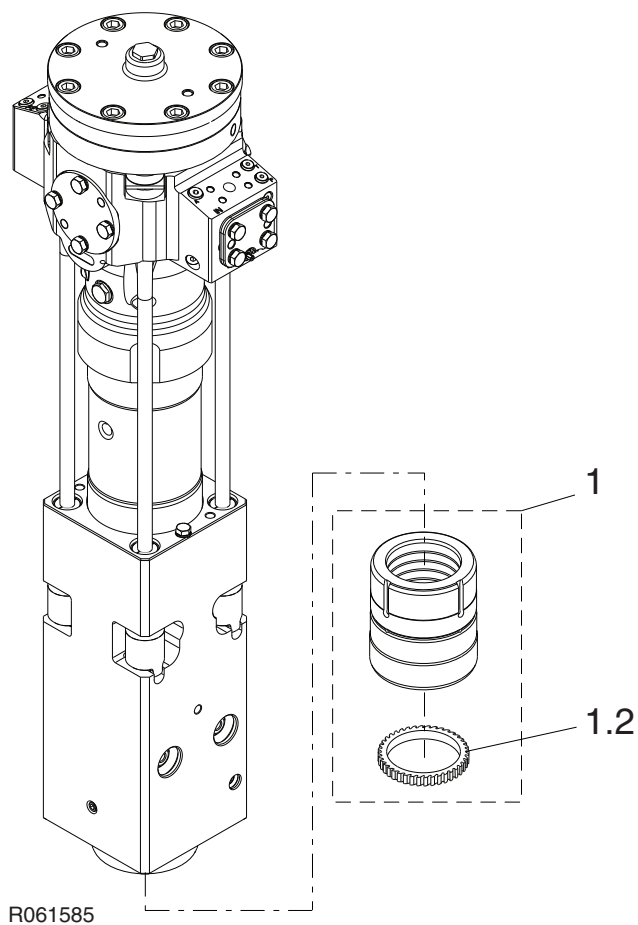
9. FRONT HEAD



R061584

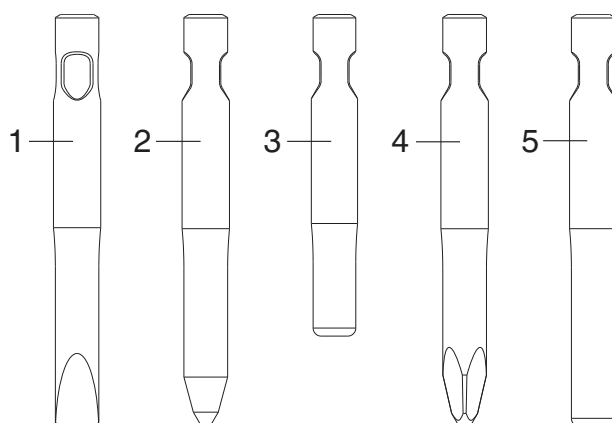
Item	Description	Part no.	Specification	Note	Qty
1	Front head (incl. parts 1.1-1.6)	177272			1
1.1	Hex. screw	955150	M14x40-12.9 ISO 4017		2
1.2	Lock washer	901310	M14 NORD-LOCK		2
1.3	Hex. socket screw	950333	M12x30-8.8 ISO 4762		2
1.4	Lock washer	91012	M12 NORD-LOCK		2
1.5	Guide	177279	M10		1
1.6	Lock washer	91037	M10 NORD-LOCK		1
2	Upper tool bushing	162229			1
3	Tool retaining pin	163252			2
4	Ring	163293			4
5	Retaining pin	177332			1
6	Rubber ring	157214			2

10. LOWER TOOL BUSHING



Item	Description	Part no.	Specification	Note	Qty
1	Lower tool bushing (incl. part 1.2)	177273			1
1.2	Seal	177275			1

11. TOOL

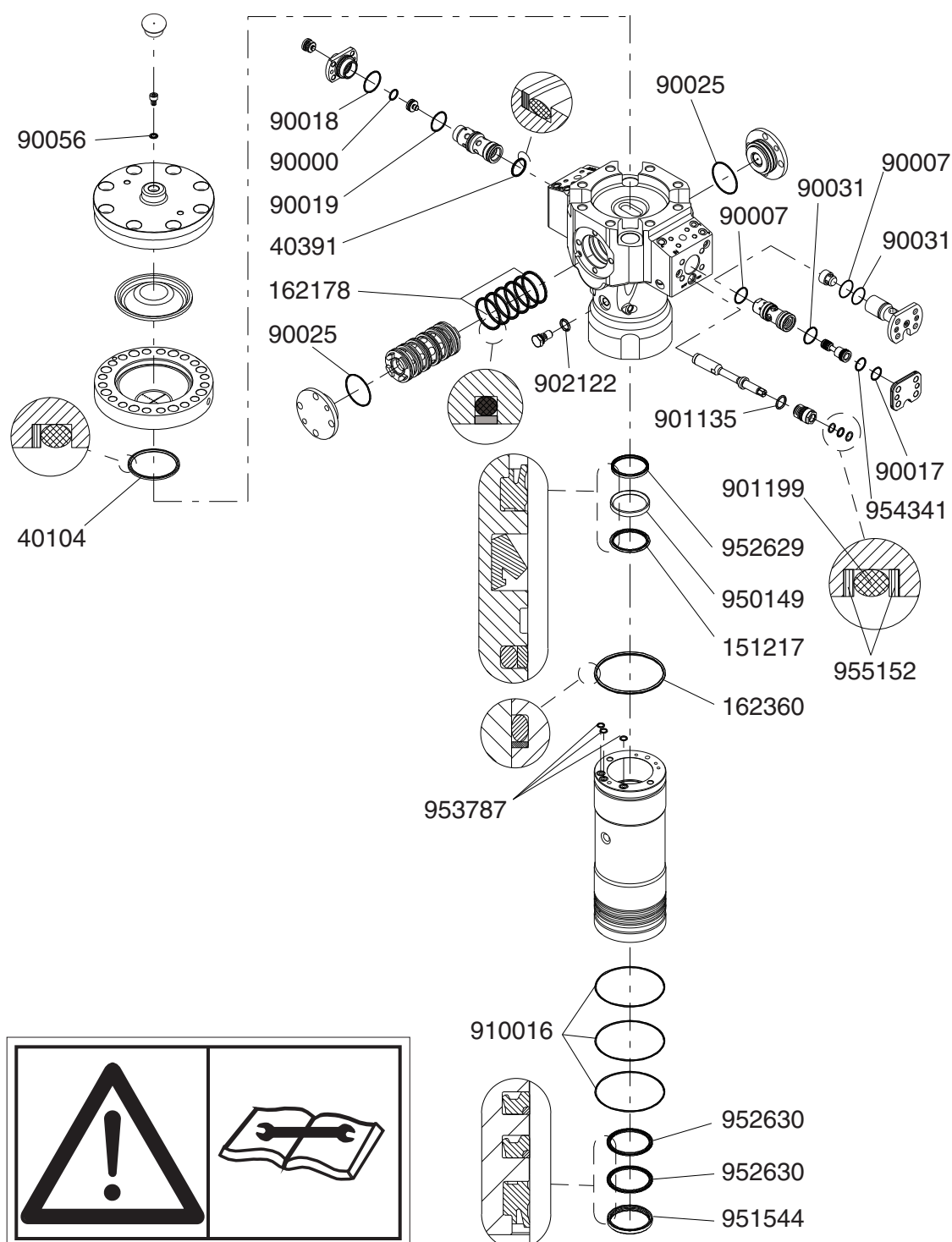


R061698

Item	Description	Part no.	Specification	Note	Qty
1	Chisel	BB49E1	L = 1000 mm, W = 67 kg, D = 115 mm		1
2	Moil point	BB49E3	L = 1000 mm, W = 67 kg, D = 115 mm		1
3	Blunt	BB49E4	L = 800 mm, W = 58 kg, D = 115 mm		1
4	Pyramid	BB49E3K3	L = 1000 mm, W = 66 kg, D = 115 mm		1
5	Blunt	BB49E4C1	L = 1000 mm, W = 72 kg, D = 115 mm		1

12. SEAL SET

Seal set 177449

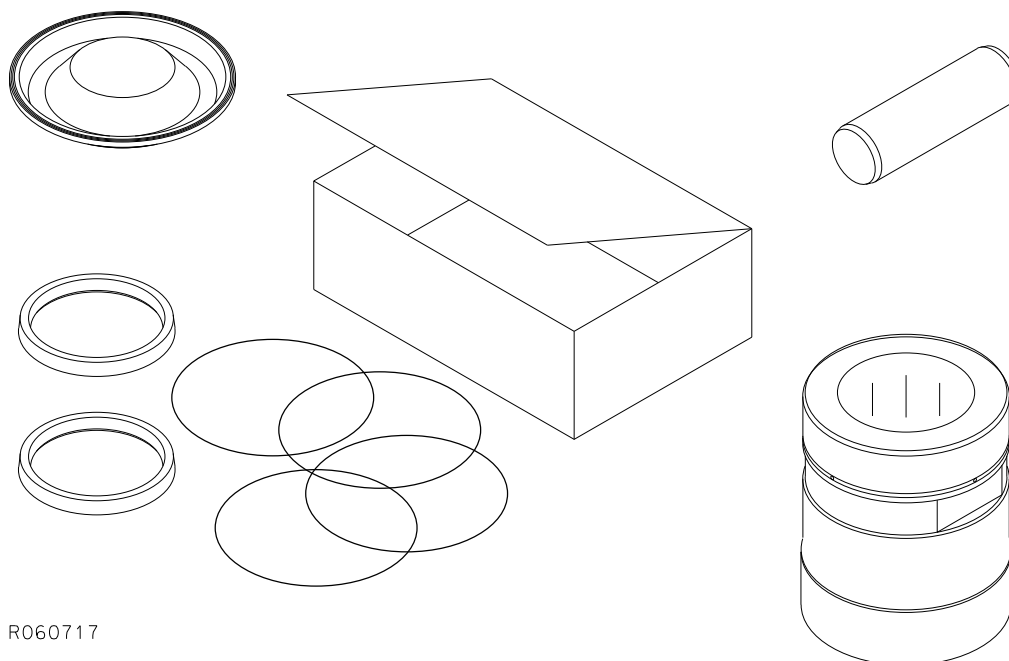


This summary only indicates the position of the seals. It must NOT be used as assembly instruction. Read the service manual. Notice! Assembly must be performed by qualified service personnel only.

R061590

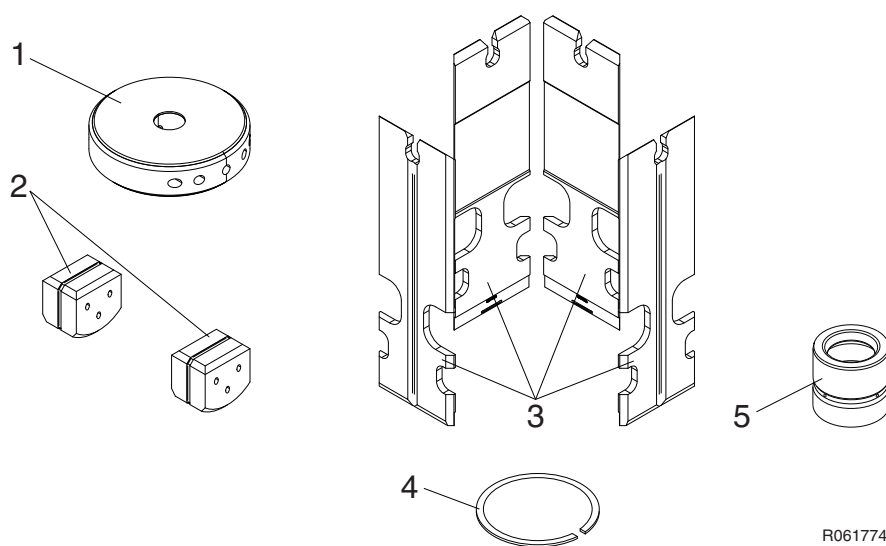
Item	Description	Part no.	Specification	Note	Qty
Kit	Seal set (incl. parts 1-25)	177449			1
1	Usit-ring	90056	8-13.9-1		1
2	Seal	40104	D114		1
3	O-ring	90018	D54		1
4	O-ring	90000	D24		1
5	O-ring	90019	D49		1
6	Seal	40391			1
7	Seal	162178			6
8	O-ring	90025	D85		2
9	O-ring	90031	D46		1
10	O-ring	90007	D44		1
11	O-ring	90017	D34		1
12	O-ring	902122	D24		1
13	Wiper	952629			1
14	Seal	950149			1
15	Seal	151217			1
16	Wiper	951544			1
17	Seal	952630			2
18	Seal	162360			1
19	O-ring	953787	D14		3
20	O-ring	910016	D172		3
21	Seal	954341			1
22	O-ring	901135			1
23	O-ring	901199			1
24	Supporting ring	955152			2
	The seals for greasing device are not included in this seal set. They are included in the service kit for greasing device.				

13. SERVICE KIT 1



Item	Description	Part no.	Specification	Note	Qty
Kit	Service kit (incl. parts 1 - 4)	K11655E			1
1	Membrane	20604			1
2	Tool retaining pin	163252			2
3	Lower tool bushing	177273			1
4	Seal set	177449			1

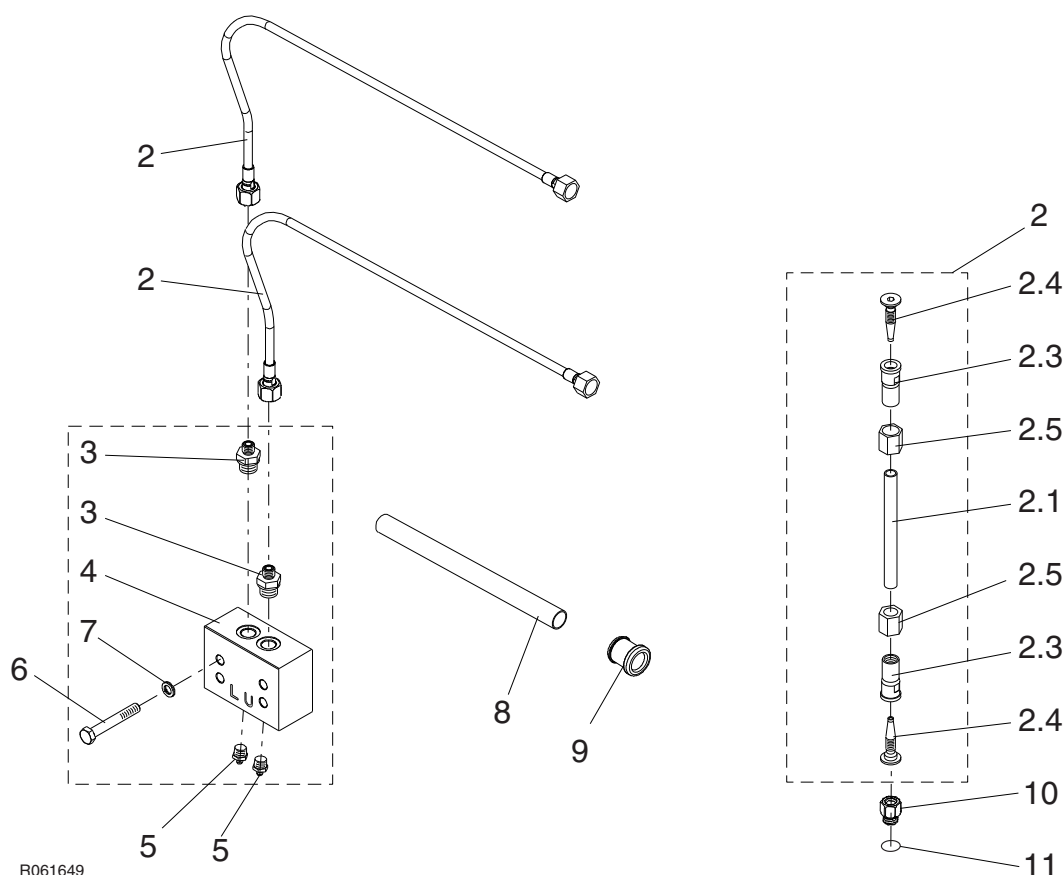
14. SERVICE KIT 2A



R061774

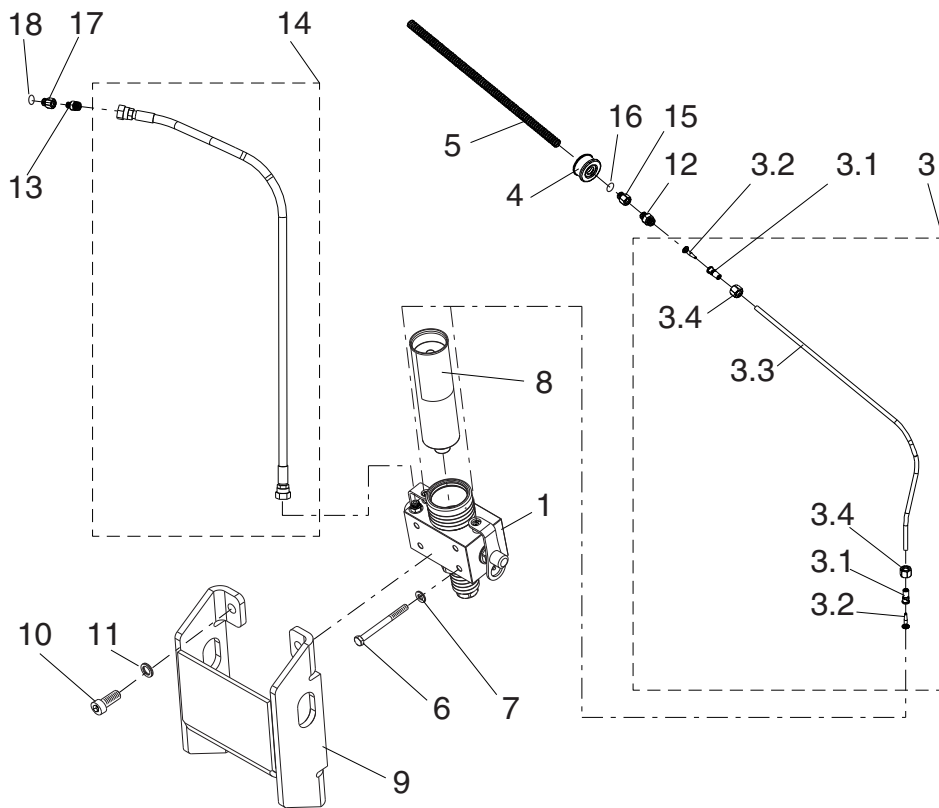
Item	Description	Part no.	Specification	Note	Qty
Kit	Service kit (incl. parts 1 - 5)	183844			1
1	Buffer	300767			1
2	Pad	300768			2
3	Wear plate	182415			4
4	Spring ring	182416			1
5	Upper tool bushing	162229			1

15. GREASING BLOCK FOR MANUAL GREASING



Item	Description	Part no.	Specification	Note	Qty
Kit	Greasing block for manual greasing (incl. parts 3-7)	168833			1
2	Hose assembly (incl. parts 2.1-2.5)	178810			2
2.1	Hose	951632			1
2.3	Sleeve	153035			2
2.4	Insert	153036			2
2.5	Nut	951296			2
3	Connector	951294	BSPP 1/4		2
4	Body	168824			1
5	Grease nipple	90200	R1/4		2
6	Hex. screw	901542	M10x70-8.8 ISO 4014		4
7	Lock washer	953503	M10 NL10sp NORD-LOCK		4
8	Shield	952093			1
9	Rubber bushing	158147			1
10	Adapter	955136	BSPP 3/8		2
11	Usit-ring	94092	17.4-24-1.5		2

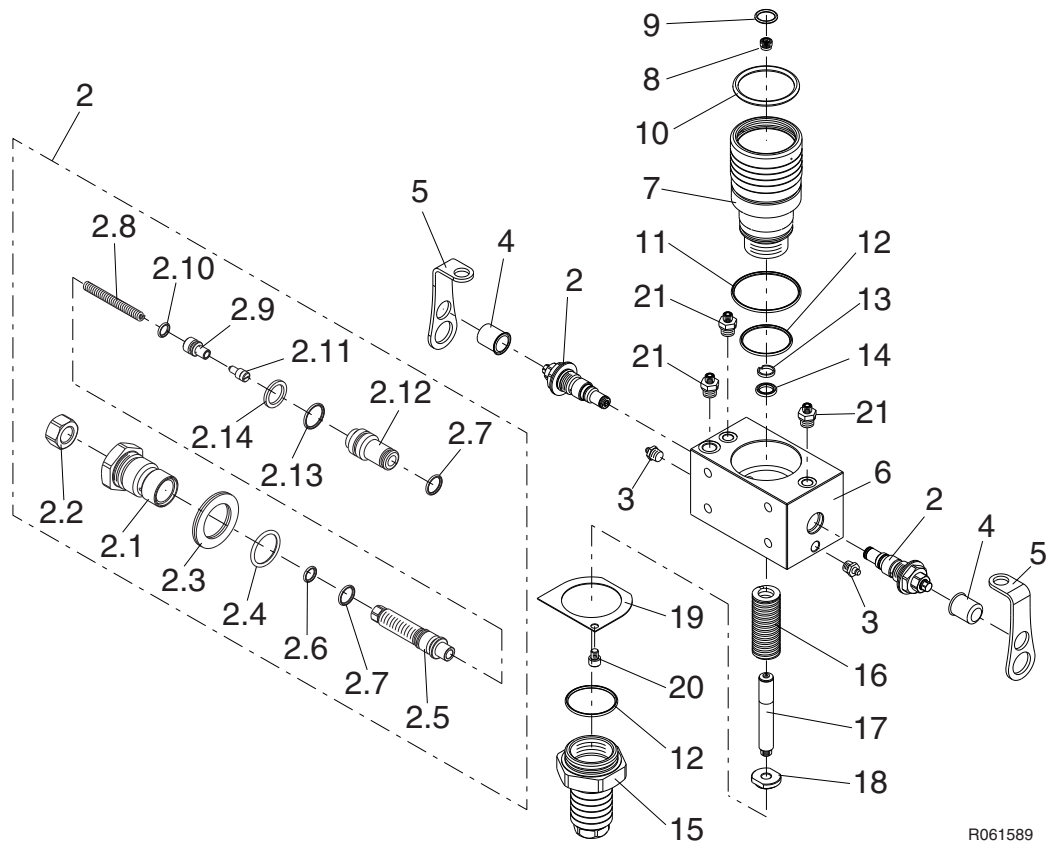
16. GREASING DEVICE KIT



R061648

Item	Description	Part no.	Specification	Note	Qty
kit	Greasing device retrofit kit (incl. parts 1-18)	K60055E			1
1	Greasing device RG542	953345			1
3	Hose assembly (incl. parts 3.1-3.4)	178810			2
3.1	Sleeve	153035			2
3.2	Insert	153036			2
3.3	Hose	951632			1
3.4	Nut	951296			2
4	Rubber bushing	158147			1
5	Shield	952093			1
6	Hex. screw	953794	M10x110-8.8 ISO 4014		4
7	Lock washer	953503	M10 NL10sp NORD-LOCK		4
8	Grease cartridge	951370	Special tool grease, Greasing device cartridge. Greasing device cartridges are also sold in boxes of 24.		1
9	Shield	177376			1
10	Hex. socket screw	902895	M16x35-8.8 ISO 4762		4
11	Lock washer	90597	M16 NORD-LOCK		4
12	Connector	951295	BSPP 3/8		2
13	Connector	951294	BSPP 1/4		1
14	Hose assembly	954817			1
15	Adapter	955136	BSPP 3/8		2
16	Usit-ring	94092	17.4-24-1.5		2
17	Adapter	955137	BSPP 1/4		1
18	Usit-ring	951711	13.7-20-1.5		1

17. GREASING DEVICE

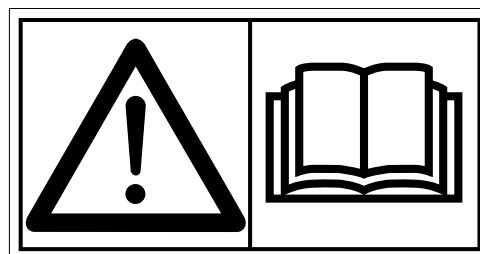
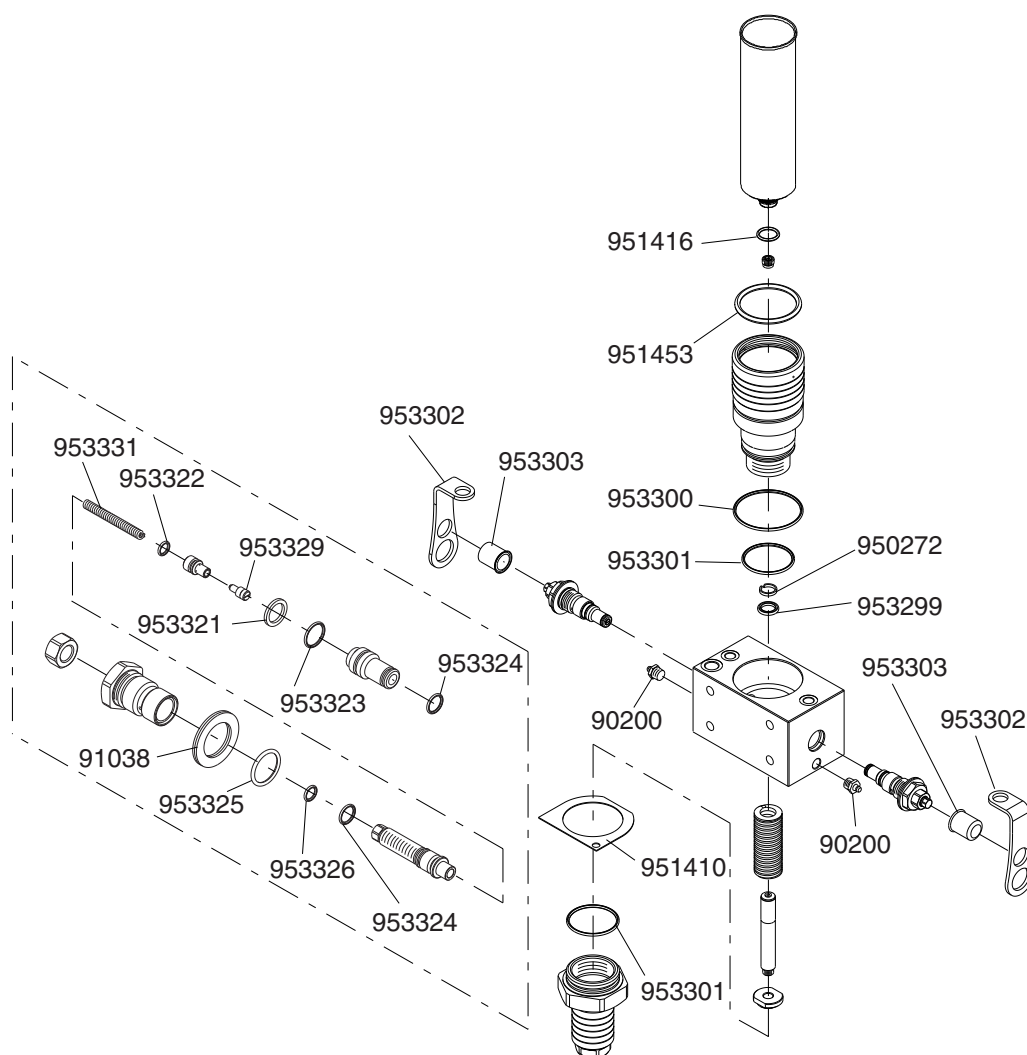


R061589

Item	Description	Part no.	Specification	Note	Qty
1	Greasing device RG542 (incl. parts 2-21)	953345			1
2	Doser (incl. parts 2.1-2.14)	173573			2
2.1	Plug	173574		a	1
2.2	Nut	953330	M12x1 DIN 934	a	1
2.3	Lock washer	91038	M24 NORD-LOCK	a b	2
2.4	O-ring	953325	D21	a b	2
2.5	Adjusting screw	953317		a	1
2.6	O-ring	953326	D8	a b	2
2.7	O-ring	953324	D11	a b	4
2.8	Spring	953331		a b	2
2.9	Piston	173576			1
2.10	O-ring	953322	D7	a b	2
2.11	Piston	953329		b	2
2.12	Body	173575		a	1
2.13	O-ring	953323	D15	a b	2
2.14	Shim plate	953321		a b	2
3	Grease nipple	90200	BSP 1/4	b	2
4	Plug	953303		b	2
5	Locking plate	953302		b	2
6	Body	953335			1
7	Cartridge holder	953334			1
8	Check valve	951767			1
9	O-ring	951416	D19	b	1
10	O-ring	951453	D62	b	1
11	O-ring	953300	D71	b	1
12	O-ring	953301	D52	b	2
13	Guide ring	950272		b	1
14	Seal	953299		b	1
15	Spring housing	953308			1
16	Spring	950257			1
17	Piston	953307			1
18	Nut	953306			1
19	Lock plate	951410		b	1
20	Hex. socket screw	951421	M8x10-8.8 ISO 4762		1
21	Connector	951294	BSPP 1/4		3
kit	Seal set for greasing device	953385			1
	^a Not sold separately				
	^b Included in seal set for greasing device				

18. SERVICE KIT FOR GREASING DEVICE RG540 SERIES

Service kit 953385

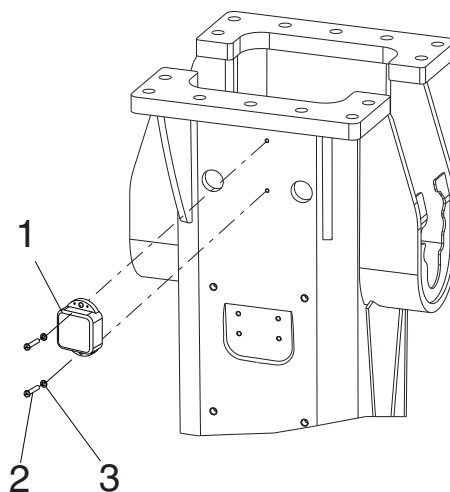


This summary only indicates the position of the seals. It must NOT be used as assembly instruction. Read the manual.

R061096

Item	Description	Part no.	Specification	Note	Qty
Kit	Service kit for greasing device (incl. parts 1-19)	953385			1
1	Lock plate	951410		a	1
2	Plug	953303		a	2
3	Guide ring	950272		a	1
4	Seal	953299		a	1
5	O-ring	953300	D71	a	1
6	O-ring	951453	D62	a	1
7	O-ring	953301	D52	a	2
8	O-ring	951416	D19	a	1
9	O-ring	953326	D8	a	2
10	O-ring	953325	D21	a	2
11	O-ring	953324	D11	a	4
12	O-ring	953323	D15	a	2
13	O-ring	953322	D7	a	2
14	Shim plate	953321		a	2
15	Spring	953331		a	2
16	Piston	953329		a	2
17	Lock washer	91038	M24 NORD-LOCK	a	2
18	Grease nipple	90200	R1/4		2
19	Locking plate	953302			2
	Service kit for greasing device is not included in the hammers seal set.				
	^a Not sold separately				

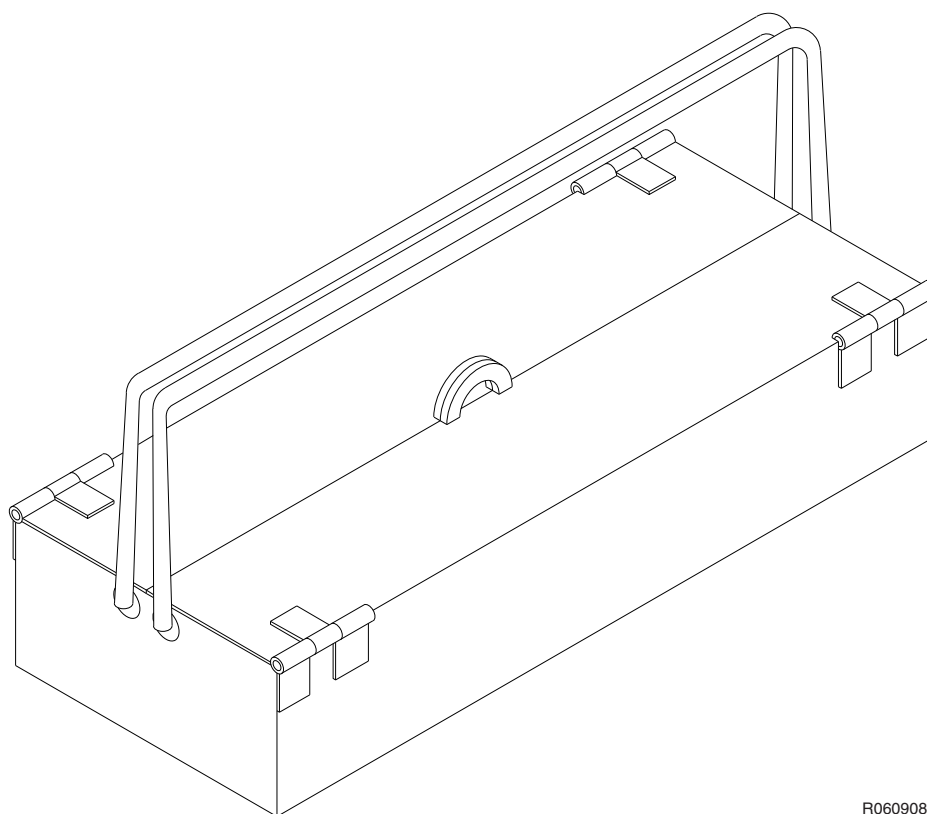
19. RD3, SURFACE MOUNTED



R061448

Item	Description	Part no.	Specification	Note	Qty
Kit	RD3 kit (incl. parts 1-3)	RD3-FACE			1
1	RD3 remote monitoring device	177284	Surface mounted	a	1
2	One-way-drive screw	955168	M8x30		2
3	Washer	903209	8-140 HV ISO 7089		2
	^a Not sold separately				

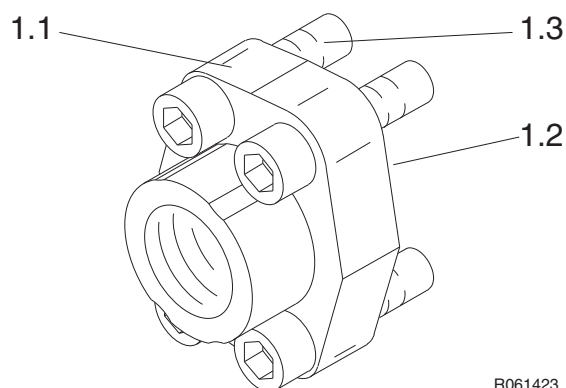
20. TOOL BOX R1



R060908

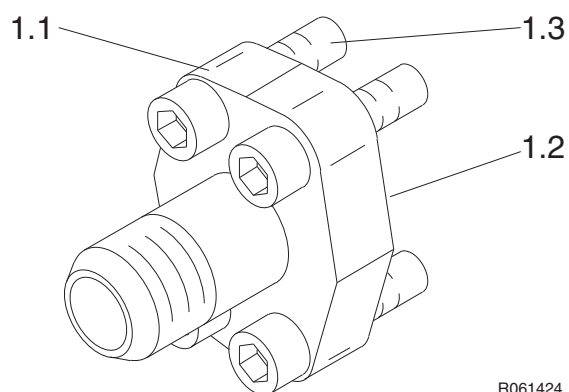
Item	Description	Part no.	Specification	Note	Qty
Kit	Tool box R1 (incl. parts 1-14)	173747			1
1	Tool box	N/A			1
2	Grease gun	90202			1
3	Tool grease	902045			1
4	Grease cartridge	951370			1
5	Puller	150020			1
6	Combination spanner	N/A	12		1
7	Screwdriver	N/A	6x150		1
8	Flange plug	90444	R3/8		1
9	Flange plug	90403	R1/4		2
10	Grease nipple	90200	R1/4		1
11	Grease nipple	953767	R3/8		2
12	Safety glasses	N/A			1
13	Assembling screw	954194	M12x150-8.8 ISO 8677		1
14	Combination spanner	N/A	8		1

21. COUPLING SET



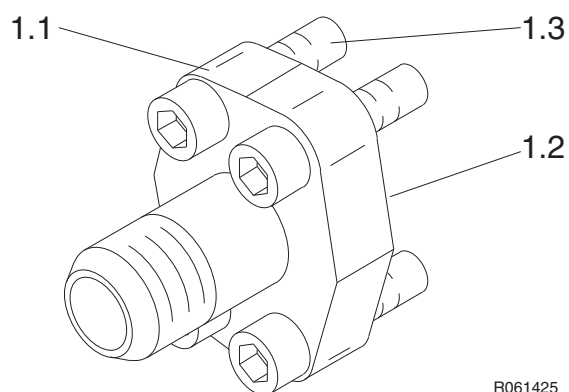
Item	Description	Part no.	Specification	Note	Qty
1	Coupling set (incl. parts 1.1-1.3)	400516			1
1.1	Flange	90530	SAE 1 6000 psi - BSP 1 FEMALE		2
1.2	O-ring	90010			2
1.3	Hexagon socket screw	90564	M12x40-8.8 ISO 4762		8

22. COUPLING SET



Item	Description	Part no.	Specification	Note	Qty
1	Coupling set (incl. parts 1.1-1.3)	400510			1
1.1	Flange	915066	SAE 1 6000 psi - JIC 16, UNF 1 5/16-12 MALE		2
1.2	O-ring	90010			2
1.3	Hexagon socket screw	90564	M12x40-8.8 ISO 4762		8

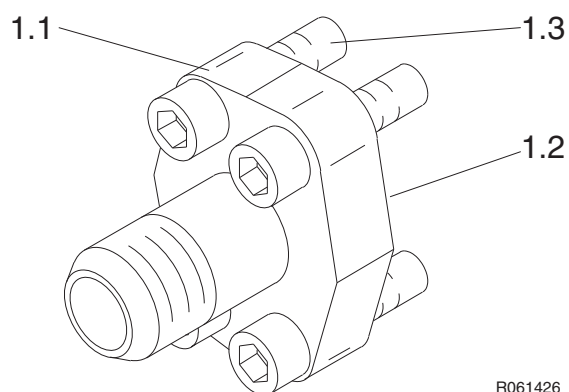
23. COUPLING SET



R061425

Item	Description	Part no.	Specification	Note	Qty
1	Coupling set (incl. parts 1.1-1.3)	400520			1
1.1	Flange	915054	SAE 1 6000 psi - JIS 30° BSP 1 MALE		2
1.2	O-ring	90010			2
1.3	Hexagon socket screw	90564	M12x40-8.8 ISO 4762		8

24. COUPLING SET



Item	Description	Part no.	Specification	Note	Qty
1	Coupling set (incl. parts 1.1-1.3)	400513			1
1.1	Flange	915070	SAE 1 6000 psi - M42x2 MALE		2
1.2	O-ring	90010			2
1.3	Hexagon socket screw	90564	M12x40-8.8 ISO 4762		8



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