



HYDRAULIC HAMMER

RAMMER 3288E

STD

HD

3288EA0619-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

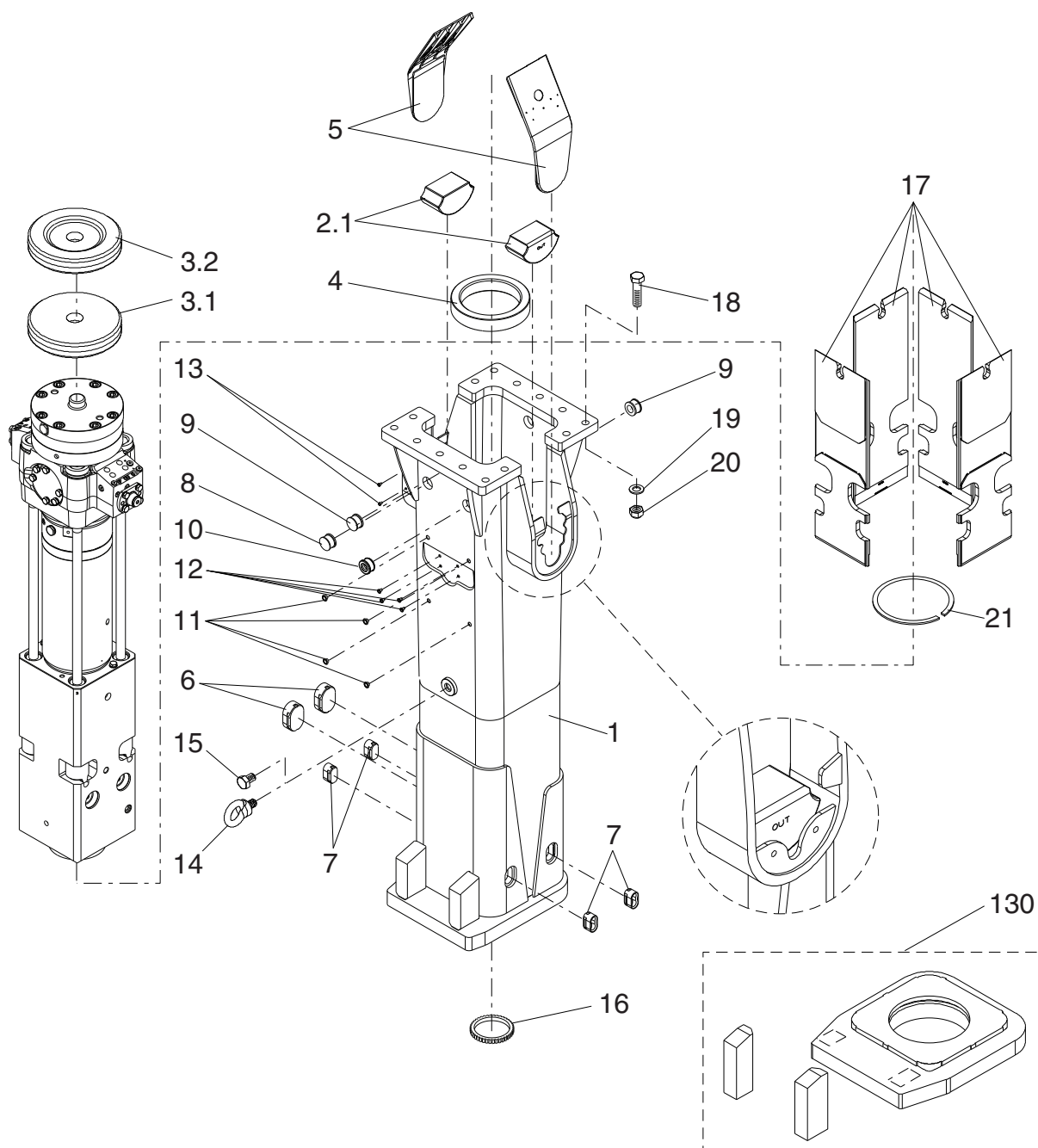
Quick spare part deliveries are secured by exact orders.

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

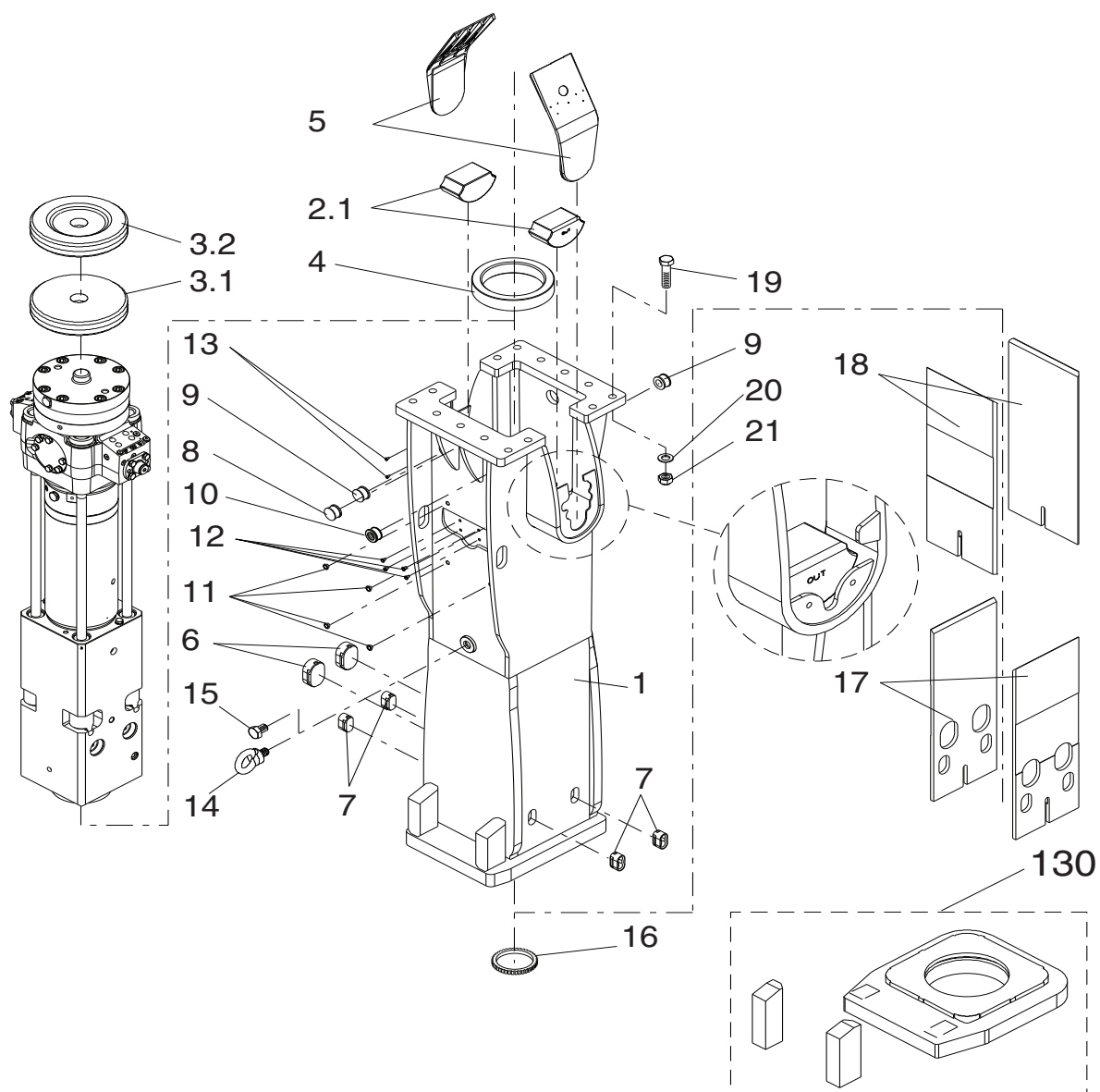
1. HOUSING UNIT STD



R061473

Item	Description	Part no.	Specification	Note	Qty
1	Housing	183906			1
2.1	Pad	155438			2
3.1	Buffer	154317	Standard		1
3.2	Buffer	168203	Heavy duty		1
4	Seal	175269			1
5	Shield plate	163556			2
6	Rubber plug	157947			2
7	Rubber plug	176636			4
8	Rubber plug	400491			1
9	Rubber plug	101723			2
10	Rubber plug	158147			1
11	Rubber plug	953291			4
12	Rubber plug	953332			4
13	Rubber plug	953292			2
14	Lifting eye	90705	M30 DIN 580		1
15	Hex. screw	900026	M30x40-8.8 ISO 4017		1
16	Tool seal	176194			1
17	Wear plate	181709			4
18	Hex. screw	90589	M24x110-12.9 ISO 4014		14
19	Washer	90511	24 ISO 7416		14
20	Lock nut	90507	M24-12 DIN 985		14
21	Spring ring	181425			1
130	Wear parts	181224			1
201	Label set (incl. part 201.1)	177348			1
201.1	Safety label set	169400	English		1

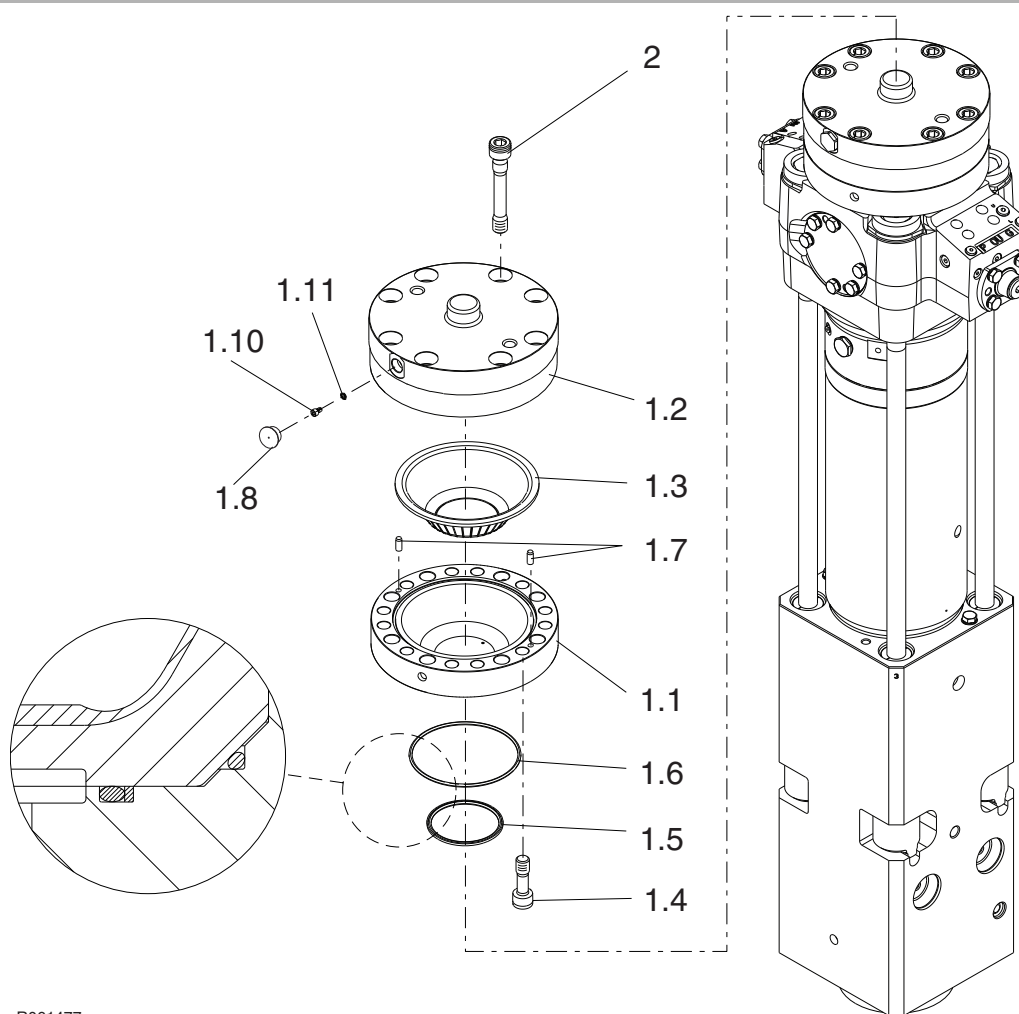
2. HOUSING UNIT HD



R061476

Item	Description	Part no.	Specification	Note	Qty
1	Housing	176884			1
2.1	Pad	155438			2
3.1	Buffer	154317	Standard		1
3.2	Buffer	168203	Heavy duty		1
4	Seal	175269			1
5	Shield plate	163556			2
6	Rubber plug	157947			2
7	Rubber plug	176636			4
8	Rubber plug	400491			1
9	Rubber plug	101723			2
10	Rubber plug	158147			1
11	Rubber plug	953291			4
12	Rubber plug	953332			4
13	Rubber plug	953292			2
14	Lifting eye	90705	M30 DIN 580		1
15	Hex. screw	900026	M30x40-8.8 ISO 4017		1
16	Tool seal	176194			1
17	Wear plate	176905			2
18	Wear plate	162597			2
19	Hex. screw	90589	M24x110-12.9 ISO 4014		14
20	Washer	90511	24 ISO 7416		14
21	Lock nut	90507	M24-12 DIN 985		14
130	Wear parts	181225			1
201	Label set (incl. part 201.1)	177348			1
201.1	Safety label set	169400	English		1

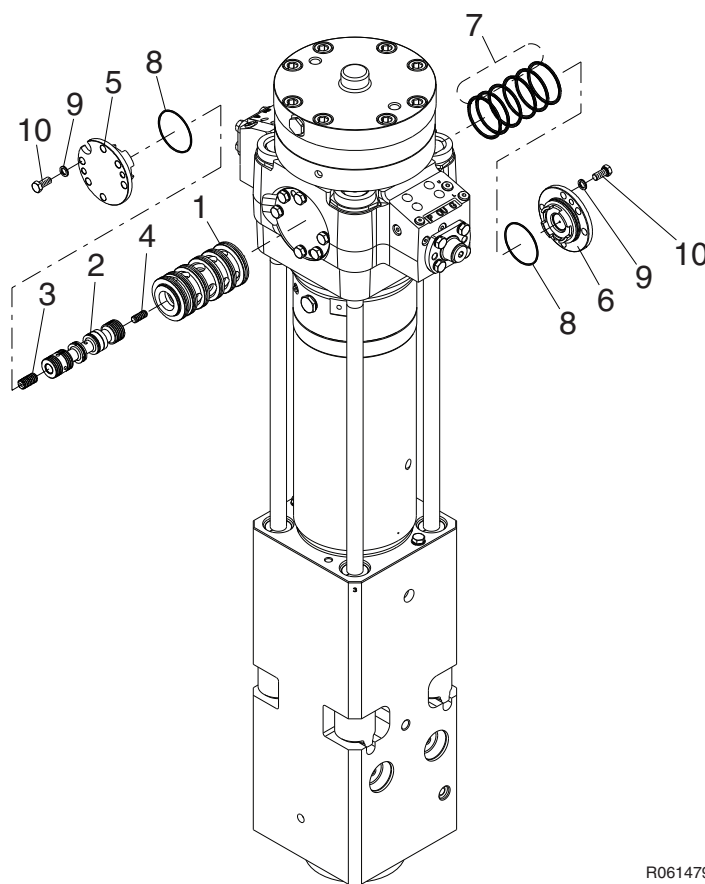
3. ACCUMULATOR



R061477

Item	Description	Part no.	Specification	Note	Qty
1	Accumulator (incl. parts 1.1-1.11)	175326			1
1.1	Accumulator bottom	173741			1
1.2	Accumulator cover	175327			1
1.3	Membrane	173532			1
1.4	Accumulator screw	40416			12
1.5	Seal	41357	D124	*	1
1.6	O-ring	910002	D194	*	1
1.7	Parallel pin	90304	10m6x24 DIN 6325		2
1.8	Shield plug	954323			1
1.10	Filling plug	40368			1
1.11	Usit-ring	90056	8-13.9-1	*	1
2	Accumulator screw	41335			8
	*) Are included in seal set				

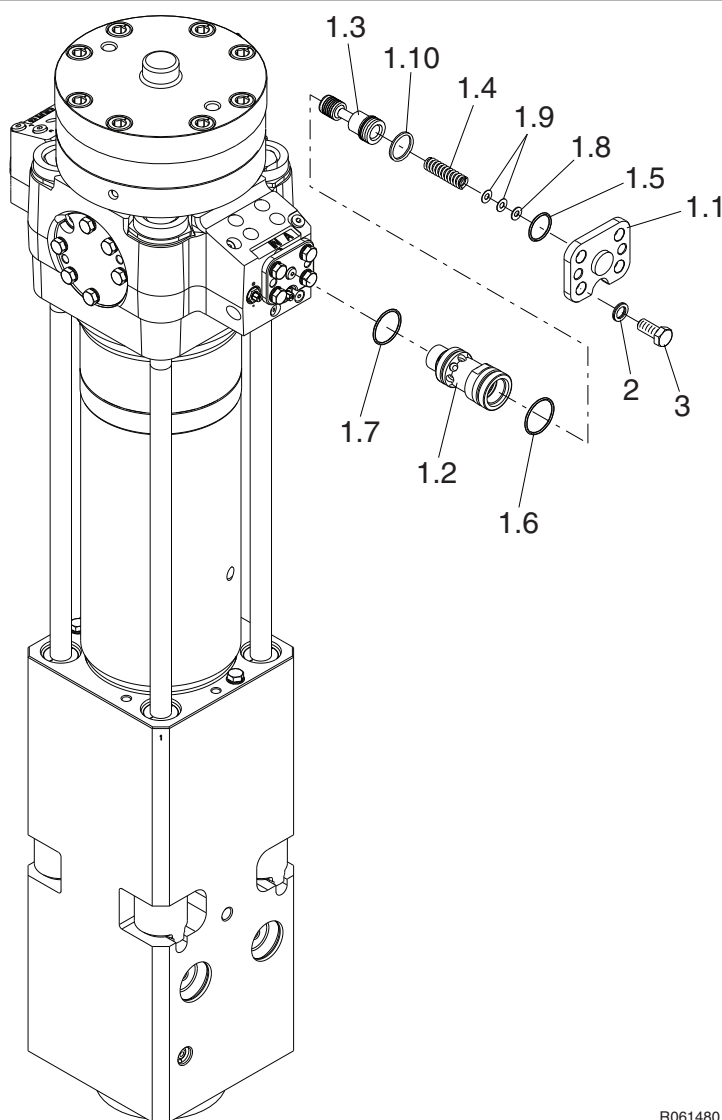
4. MAIN VALVE



R061479

Item	Description	Part no.	Specification	Note	Qty
Kit	Main valve (incl. parts 1-8)	162449			1
1	Main valve bushing	103802			1
2	Main spool	162453			1
3	Spool	101853	D23		1
4	Spool	40112	D16		1
5	Cover	101472			1
6	Cover	101830			1
7	Seal	902668	D110	*	6
8	O-ring	90005	D105	*	2
9	Lock washer	90597	M16 NORD-LOCK		12
10	Hex. screw	90517	M16x35-8.8 ISO 4017		12
	*) Are included in seal set				

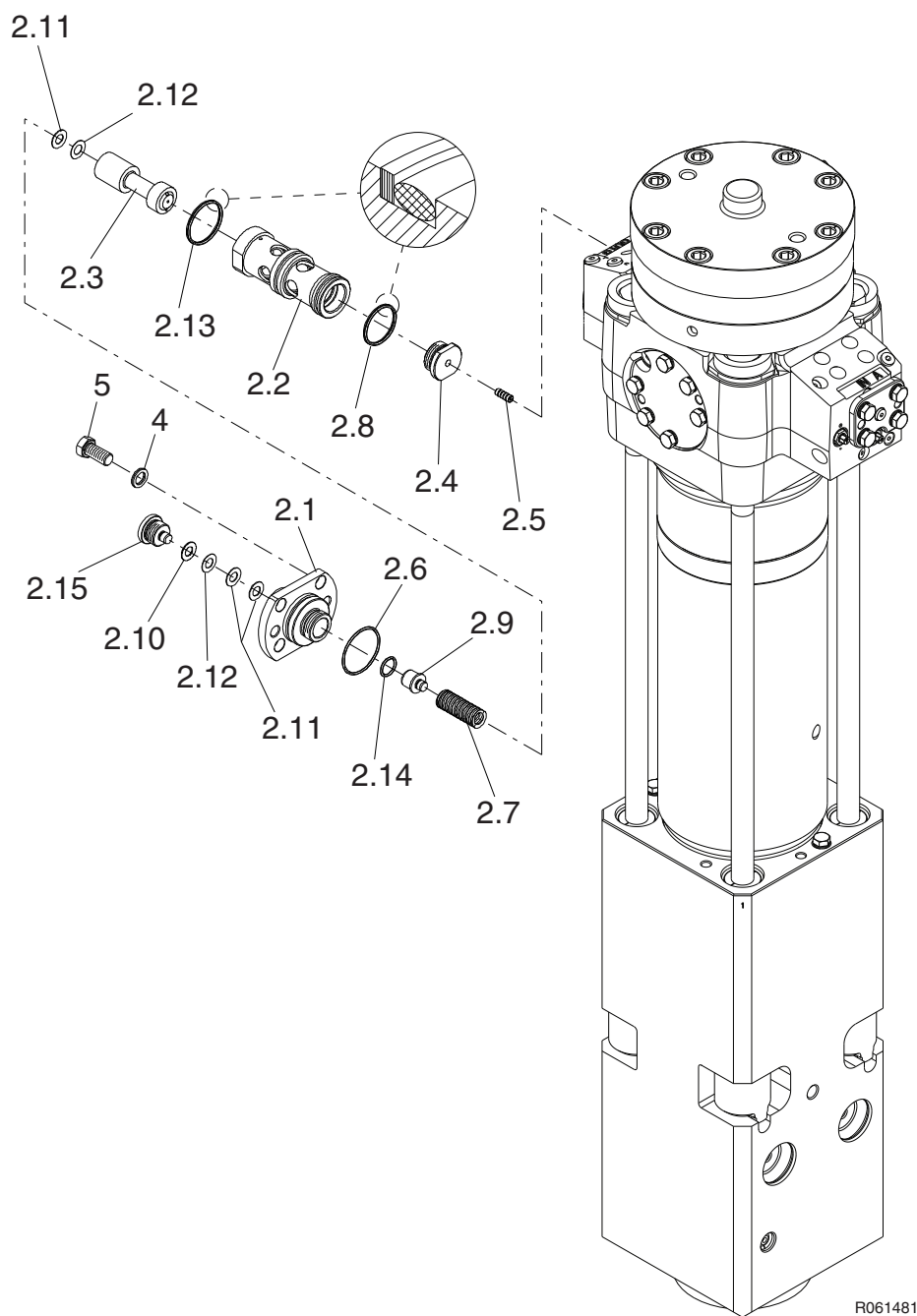
5. RAMVALVE



R061480

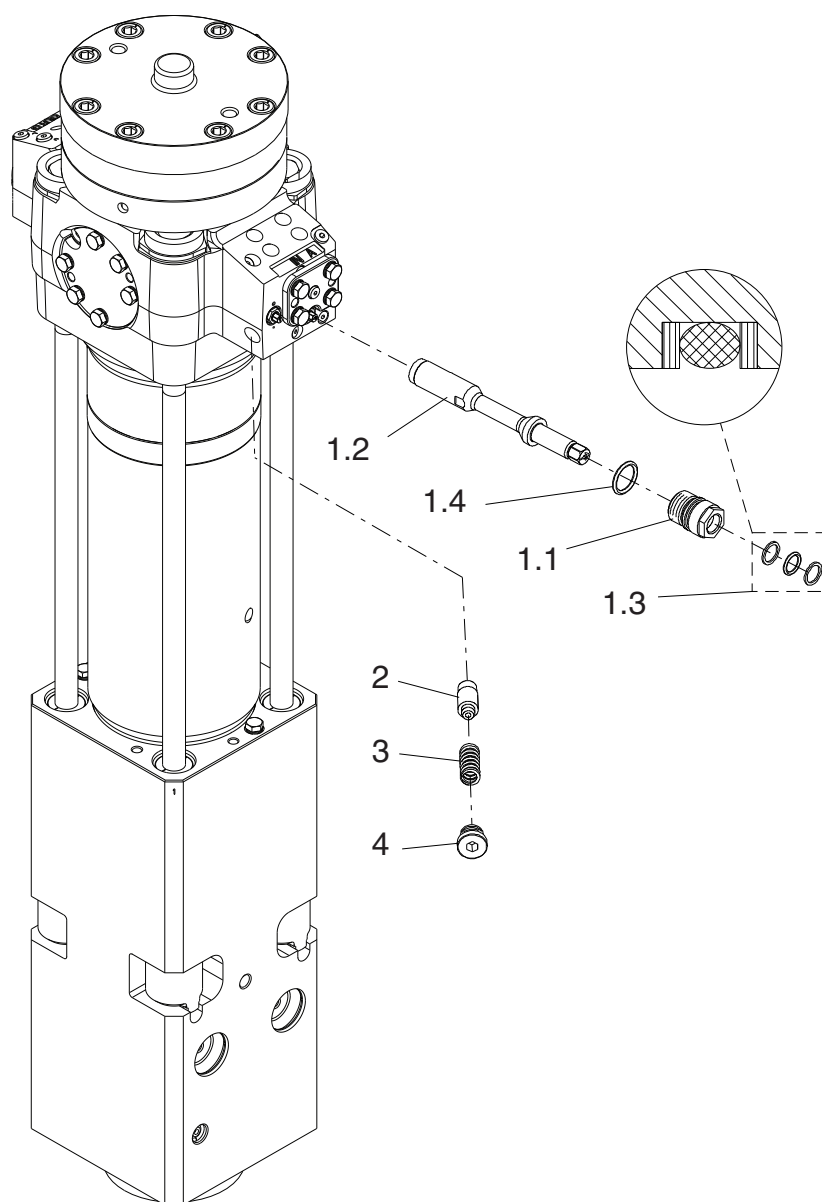
Item	Description	Part no.	Specification	Note	Qty
1	Ramvalve (incl. parts 1.1-1.10)	172210			1
1.1	Cover	172149			1
1.2	Valve housing	172211			1
1.3	Spool	171031			1
1.4	Spring	954342			1
1.5	O-ring	90017	D34	*	1
1.6	O-ring	90031	D46	*	1
1.7	O-ring	90007	D44	*	1
1.8	Shim plate	954349	S=1		X
1.9	Shim plate	954348	S=0.5		X
1.10	Seal	954341	D34	*	1
2	Lock washer	90597	M16 NORD-LOCK		4
3	Hex. screw	90517	M16x35-8.8 ISO 4017		4
	*) Are included in seal set				

6. PRESSURE CONTROL VALVE



Item	Description	Part no.	Specification	Note	Qty
2	Pressure control valve (incl. parts 2-1-2.15)	162450			1
2.1	Cover	161413			1
2.2	Valve housing	162451			1
2.3	Spool	162452			1
2.4	Guide	400688			1
2.5	Spool	400690	D9		1
2.6	O-ring	90083	D60	*	1
2.7	Spring	90104			1
2.8	Seal	41375	D50	*	1
2.9	Spring guide	161433			1
2.10	Shim plate	174182	S=0.75		X
2.11	Shim plate	41793	S=1		X
2.12	Shim plate	41794	S=0.5		X
2.13	Seal	41374	D55	*	1
2.14	O-ring	910018	D21	*	1
2.15	Plug	112512			1
4	Lock washer	90597	M16 NORD-LOCK		4
5	Hex. screw	90517	M16x35-8.8 ISO 4017		4
	*) Are included in seal set				

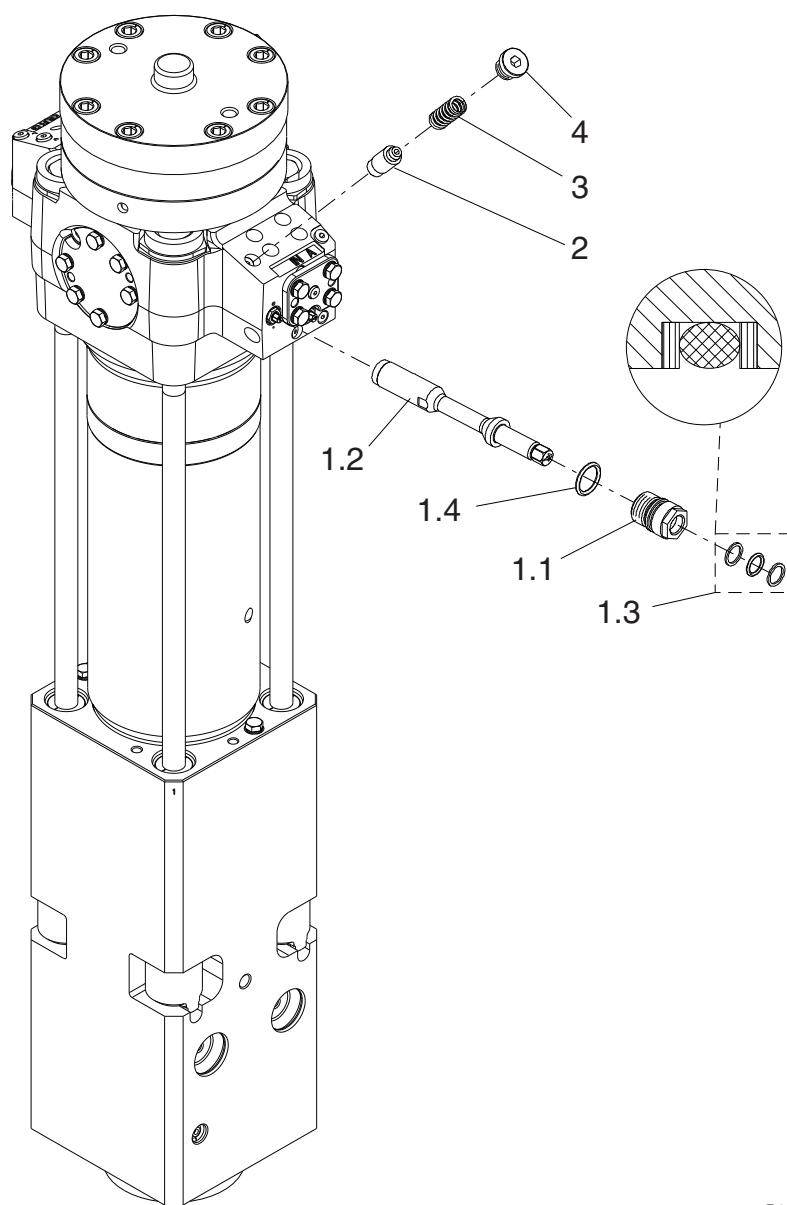
7. IDLE SELECTOR



R061482

Item	Description	Part no.	Specification	Note	Qty
1	Valve (incl. parts 1.1-1.4)	163445			1
1.1	Cover	156729			1
1.2	Spool	163446			1
1.3	Seal	112835	D13	*	1
1.4	O-ring	90001	D20	*	1
2	Pin	156730			1
3	Spring	951797	Danly 9-1006-11		1
4	Flange plug	90444	BSP 3/8		1
	*) Are included in seal set				

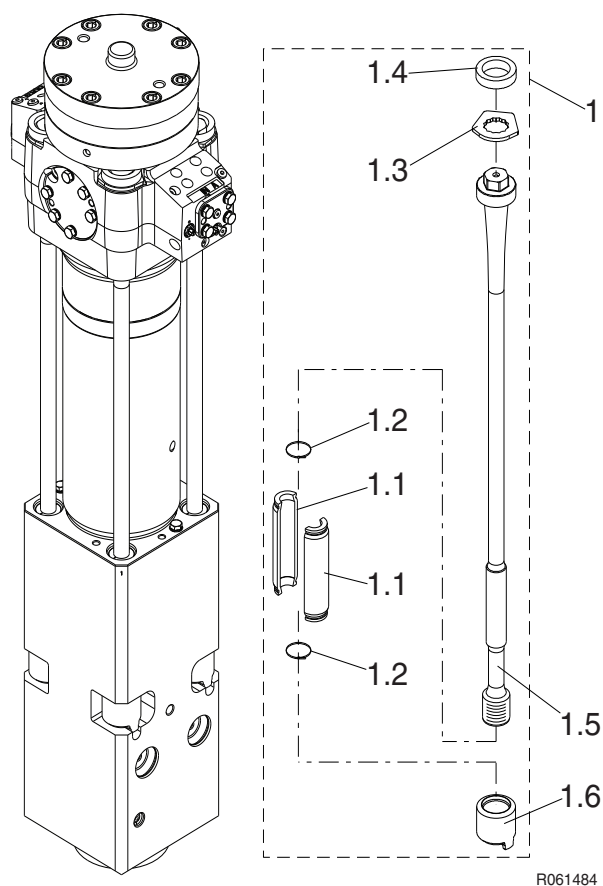
8. STROKE SELECTOR VALVE



R061483

Item	Description	Part no.	Specification	Note	Qty
1	Valve (incl. parts 1.1-1.4)	163445			1
1.1	Cover	156729			1
1.2	Spool	163446			1
1.3	Seal	112835	D13	*	1
1.4	O-ring	90001	D20	*	1
2	Pin	156730			1
3	Spring	951797	Danly 9-1006-11		1
4	Flange plug	90444	BSP 3/8		1
	*) Are included in seal set				

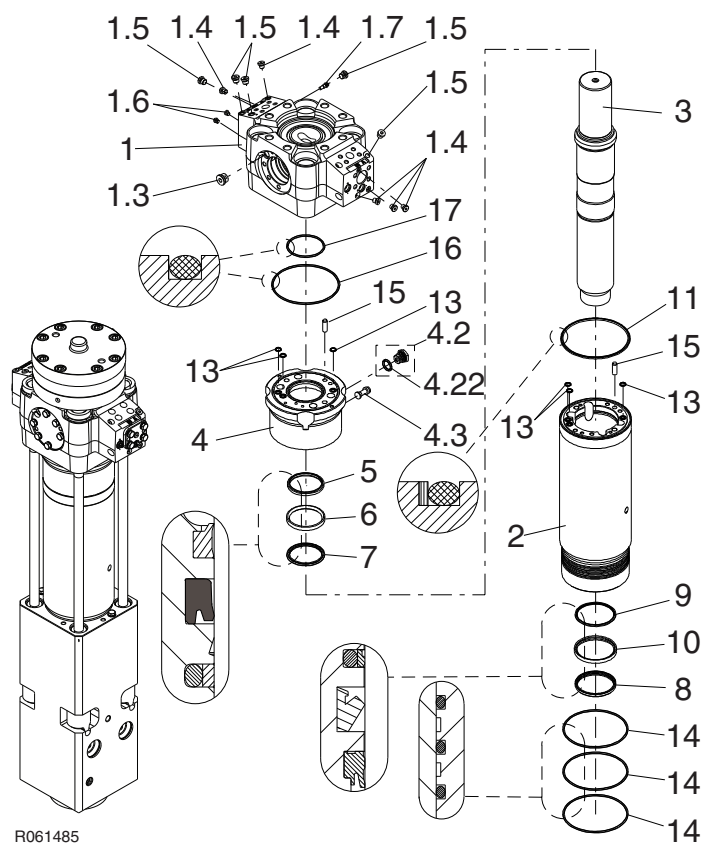
9. TIE RODS



R061484

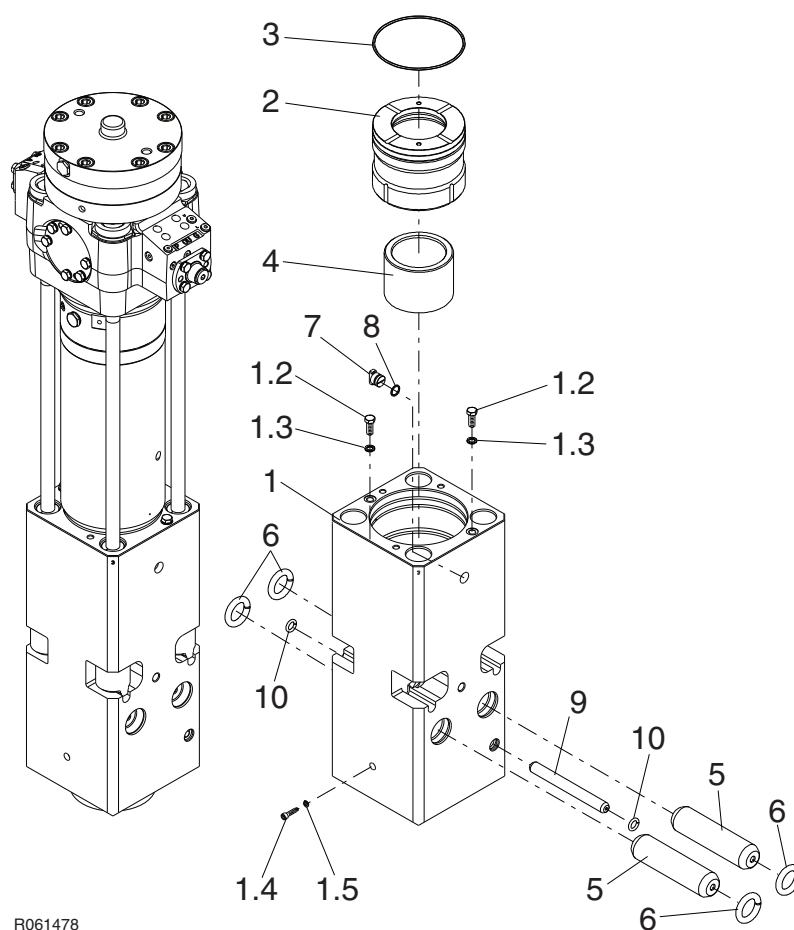
Item	Description	Part no.	Specification	Note	Qty
1	Tie rod (incl. parts 1.1-1.6)	158327			4
1.1	Vibration dampening element	155555			2
1.2	Cable tie	952009			2
1.3	Lock plate	101449			1
1.4	Rubber ring	40586			1
1.5	Tie rod	N/A			1
1.6	Tie rod nut	N/A			1

10. BODY PARTS



Item	Description	Part no.	Specification	Note	Qty
1	Valve body (incl. parts 1.3-1.7)	162448			1
1.3	Flange plug	90401	R3/4		1
1.4	Flange plug	90403	R1/4		5
1.5	Flange plug	90444	R3/8		5
1.6	Flange plug	93203	R1/8		2
1.7	Nozzle	159795			1
2	Cylinder	162442			1
3	Piston	162445			1
4	Seal carrier (incl. parts 4.2-4.3)	162446			1
4.2	Breather (incl. part 4.22)	101700			1
4.22	O-ring	901173	D27	*	1
4.3	Plug	173557			1
5	Wiper	901160	D119	*	1
6	Seal	955144	D120	*	1
7	Seal	150244	D118	*	1
8	Wiper	952657	D135	*	1
9	Seal	952033	D135	*	1
10	Seal	903325	D135	*	1
11	Seal	41140	D239	*	1
13	O-ring	901124	D17	*	6
14	O-ring	90076	D229	*	3
15	Parallel pin	90317	16m6x50 DIN 6325		2
16	O-ring	90046	D239	*	1
17	O-ring	952116	D129	*	1
	*) Are included in seal set				

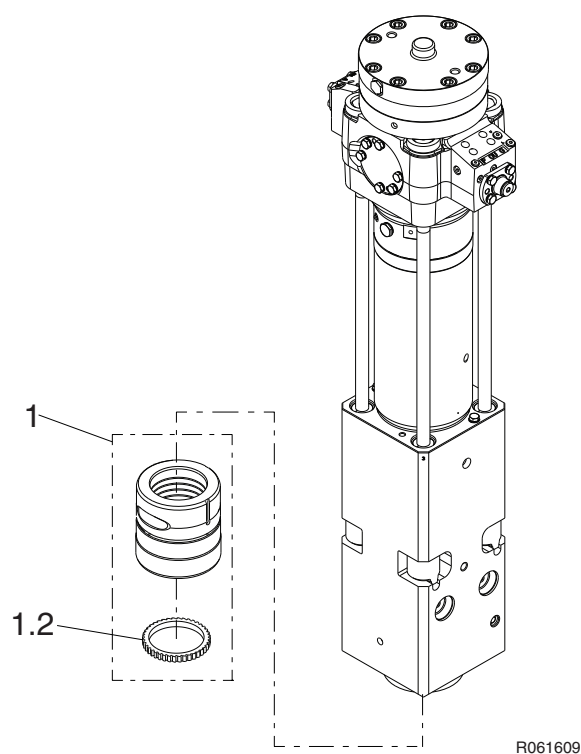
11. FRONT HEAD



R061478

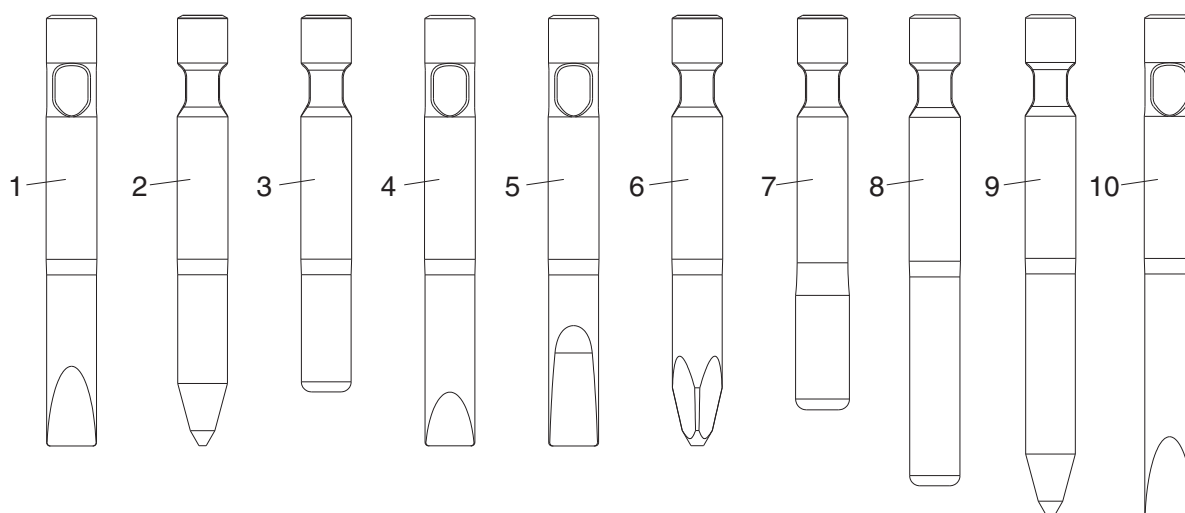
Item	Description	Part no.	Specification	Note	Qty
1	Front head (incl. parts 1.2-1.5)	175279			1
1.2	Hex. screw	900051	M16x40-12.9 ISO 4017		2
1.3	Lock washer	953339	NL16ss NORD-LOCK		2
1.4	Hex. socket screw	176516	M10		1
1.5	Lock washer	91037	M10 NORD-LOCK		1
2	Thrust ring	155467			1
3	O-ring	90076	D229	*	1
4	Upper tool bushing	101414			1
5	Tool retaining pin	153235			2
6	Rubber ring	153236			4
7	Wedge	40110			1
8	O-ring	90000	D24	*	1
9	Retaining pin	173680	D30		1
10	Rubber ring	173685		*	2
	*) Are included in seal set				

12. LOWER TOOL BUSHING



Item	Description	Part no.	Specification	Note	Qty
1	Lower tool bushing (incl. part 1.2)	178416			1
1.2	Seal	176194			1

13. TOOL

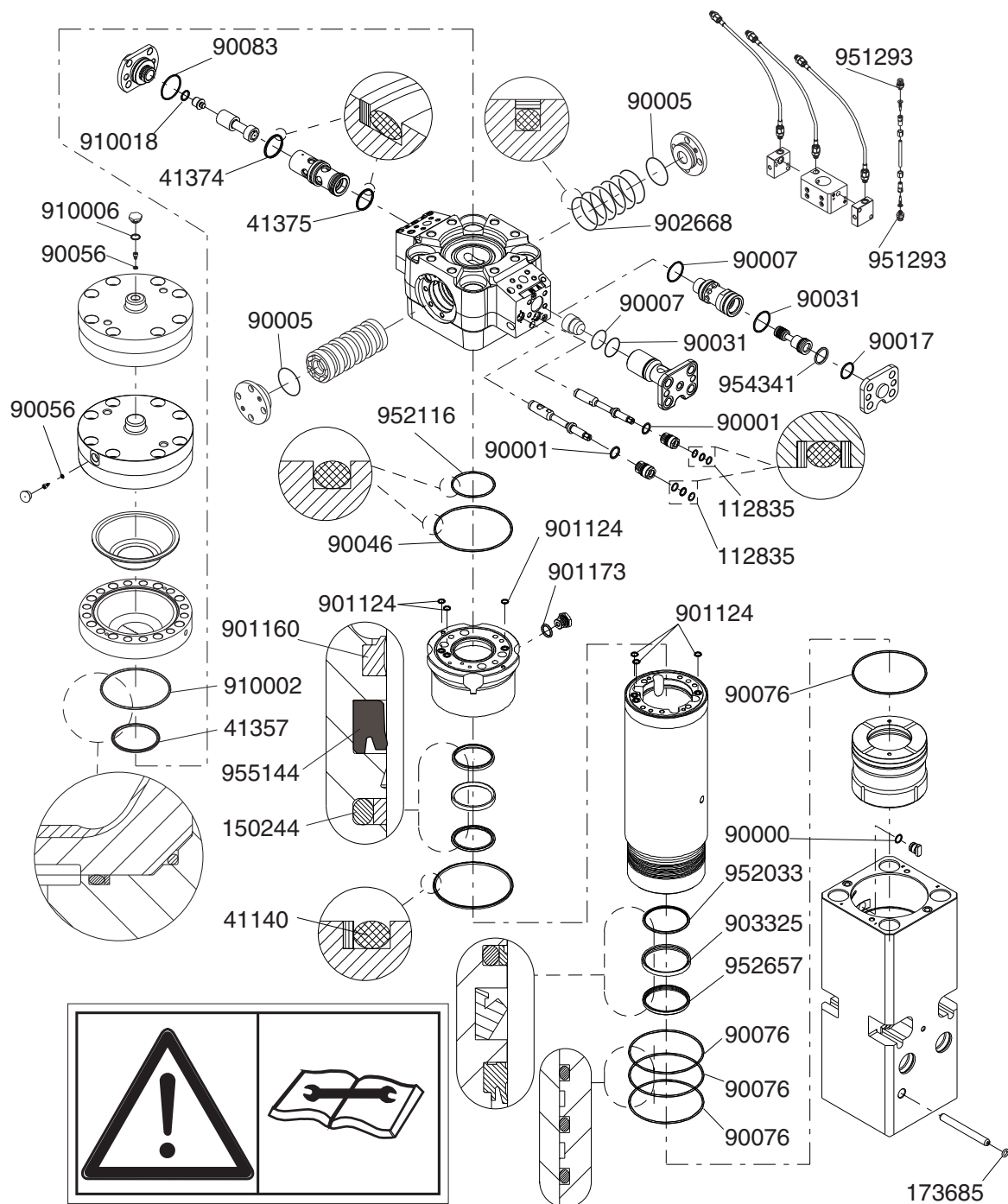


R061475

Item	Description	Part no.	Specification	Note	Qty
1	Chisel	881	L = 1200 mm, W = 132 kg, D = 142 mm		1
2	Moil point	883	L = 1200 mm, W = 128 kg, D = 142 mm		1
3	Blunt	884	L = 1050 mm, W = 124 kg, D = 142 mm		1
4	Limestone Chisel	881F3	L = 1200 mm, W = 137 kg, D = 142 mm		1
5	Hard Rock Chisel	881A2	L = 1200 mm, W = 125 kg, D = 142 mm		1
6	Pyramid	883K3	L = 1200 mm, W = 131 kg, D = 142 mm		1
7	Super Blunt	884T2	L = 1100 mm, W = 138 kg, D = 148 mm		1
8	Long Blunt	884C1	L = 1300 mm, W = 154 kg, D = 139 mm		1
9	Long Moil Point	888	L = 1400 mm, W = 155 kg, D = 142 mm		1
10	Long Chisel	882	L = 1400 mm, W = 157 kg, D = 142 mm		1

14. SEAL SET

Seal set 163428

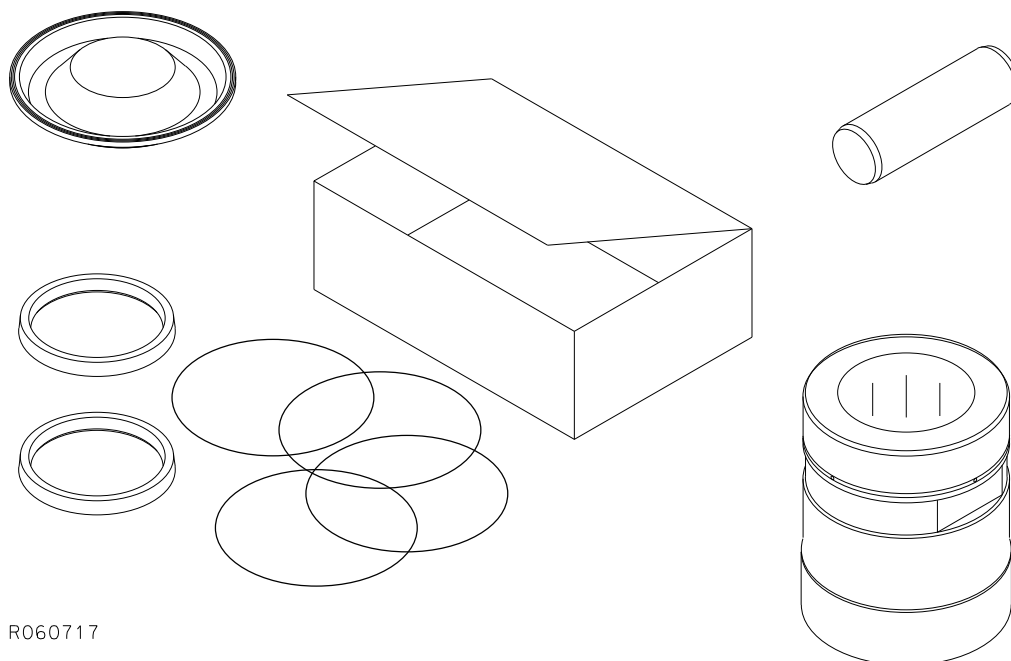


This summary only indicates the position of the seals. It must NOT be used as assembly instruction. Read the service manual. Notice! Assembly must be performed by qualified service personnel only.

R061486

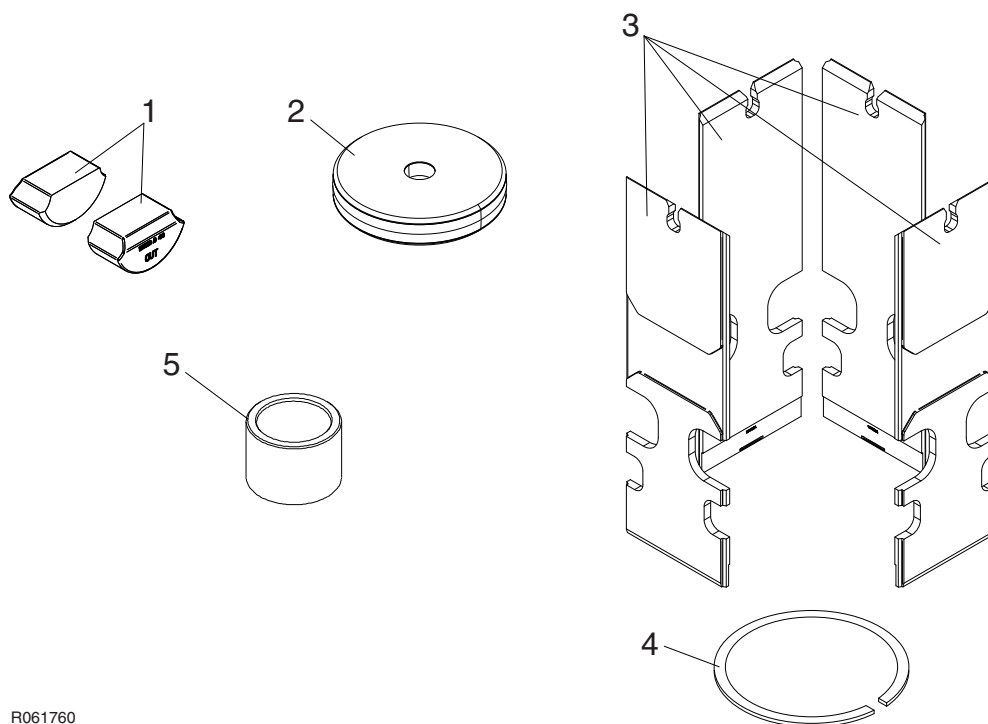
Item	Description	Part no.	Specification	Note	Qty
Kit	Seal set (incl. parts 1-31)	163428			1
1	O-ring	910006	D23		1
2	Usit-ring	90056	8-13.9-1		1
3	Seal	41357	D124		1
4	O-ring	910002	D194		1
5	Seal	112835	D13		2
6	O-ring	90001	D20		2
7	O-ring	90083	D60		1
8	Seal	41375	D50		1
9	Seal	41374	D55		1
10	O-ring	910018	D21		1
11	Seal	902668	D110		6
12	O-ring	90005	D105		2
13	O-ring	90031	D46		1
14	O-ring	90007	D44		1
15	O-ring	90076	D229		4
16	O-ring	90000	D24		1
17	O-ring	901173	D27		1
18	Wiper	901160	D119		1
19	Seal	955144	D120		1
20	Seal	150244	D118		1
21	Wiper	952657	D135		1
22	Seal	952033	D135		1
23	Seal	903325	D135		1
24	Seal	41140	D239		1
25	O-ring	901124	D17		6
26	O-ring	90046	D239		1
27	O-ring	952116	D129		1
28	O-ring	951293	D9		6
29	O-ring	90017	D34		1
30	Seal	954341	D34		1
31	Rubber ring	173685			2
	The seals for greasing device are not included in this seal set. They are included in the service kit for greasing device.				

15. SERVICE KIT 1



Item	Description	Part no.	Specification	Note	Qty
Kit	Service kit (incl. parts 1 - 4)	K13288E			1
1	Membrane	173532			1
2	Tool retaining pin	153235			2
3	Lower tool bushing	178416			1
4	Seal set	163428			1

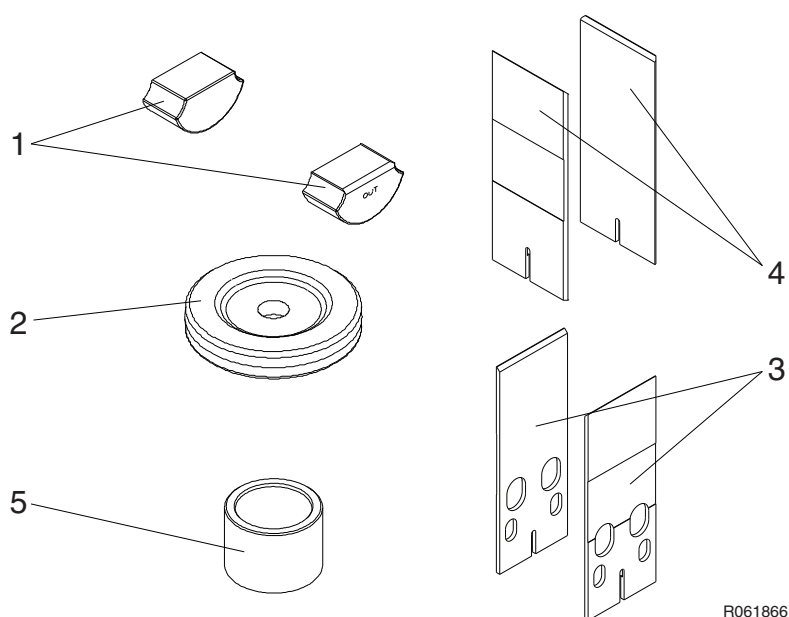
16. SERVICE KIT 2A STD



R061760

Item	Description	Part no.	Specification	Note	Qty
Kit	Service kit (incl. parts 1 - 5)	183847			1
1	Pad	155438			2
2	Buffer	154317	Standard		1
3	Wear plate	181709			4
4	Spring ring	181425			1
5	Upper tool bushing	101414			1

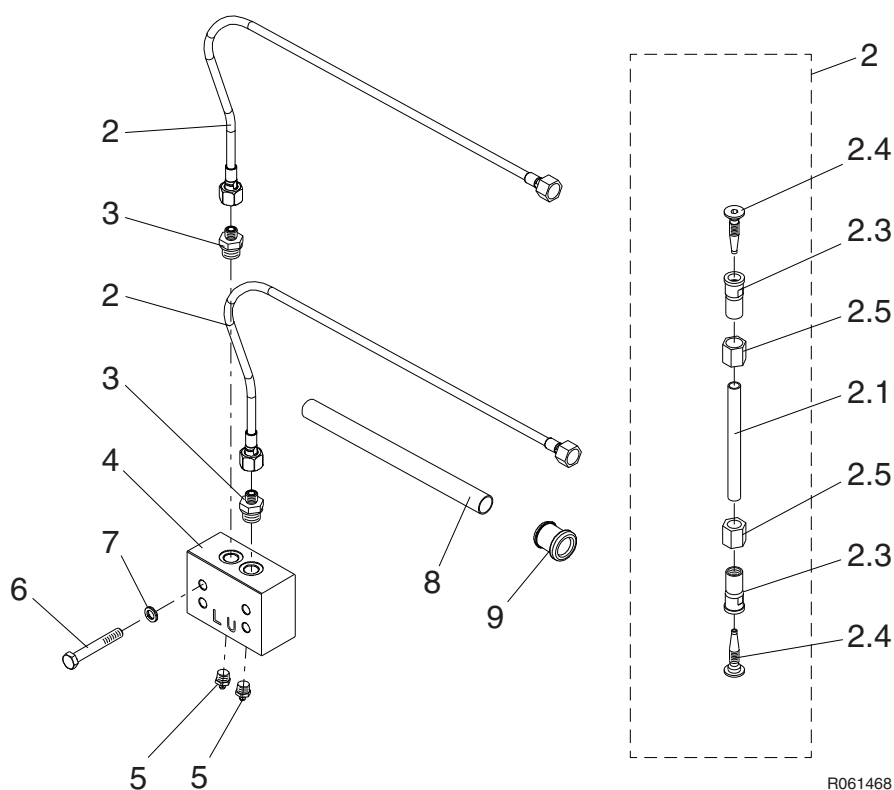
17. SERVICE KIT 2B HD



R061866

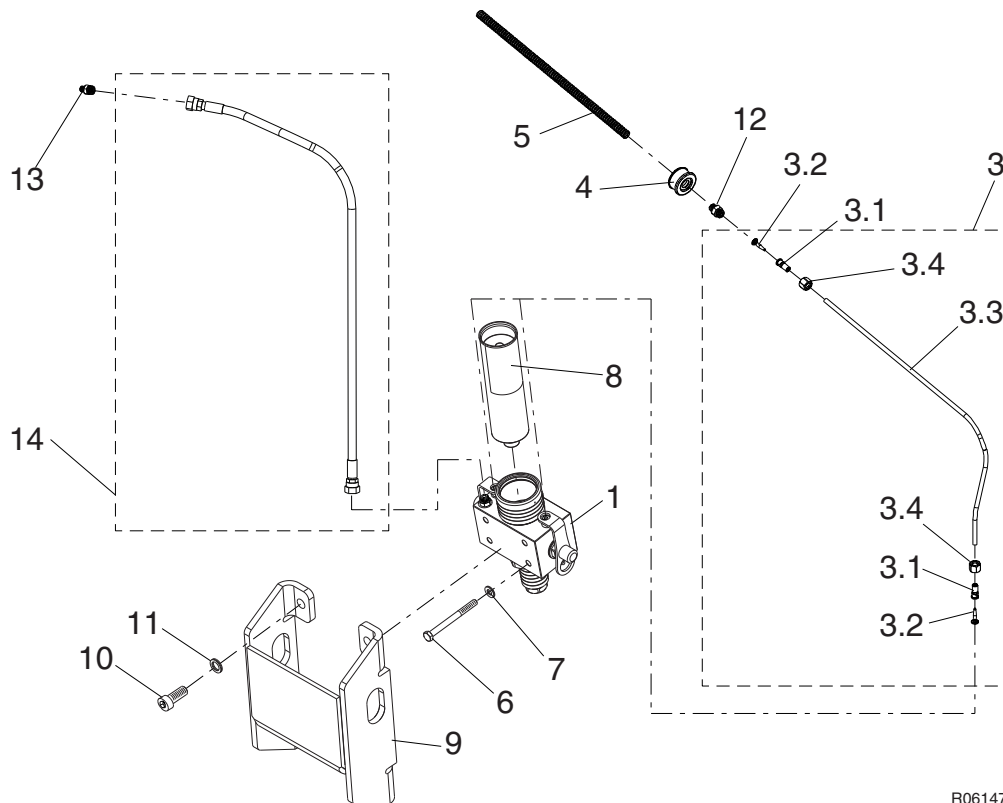
Item	Description	Part no.	Specification	Note	Qty
Kit	Service kit (incl. parts 1 - 5)	184693			1
1	Pad	155438			2
2	Buffer	154317	Standard		1
3	Wear plate	176905			2
4	Wear plate	162597			2
5	Upper tool bushing	101414			1

18. 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)	176785			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

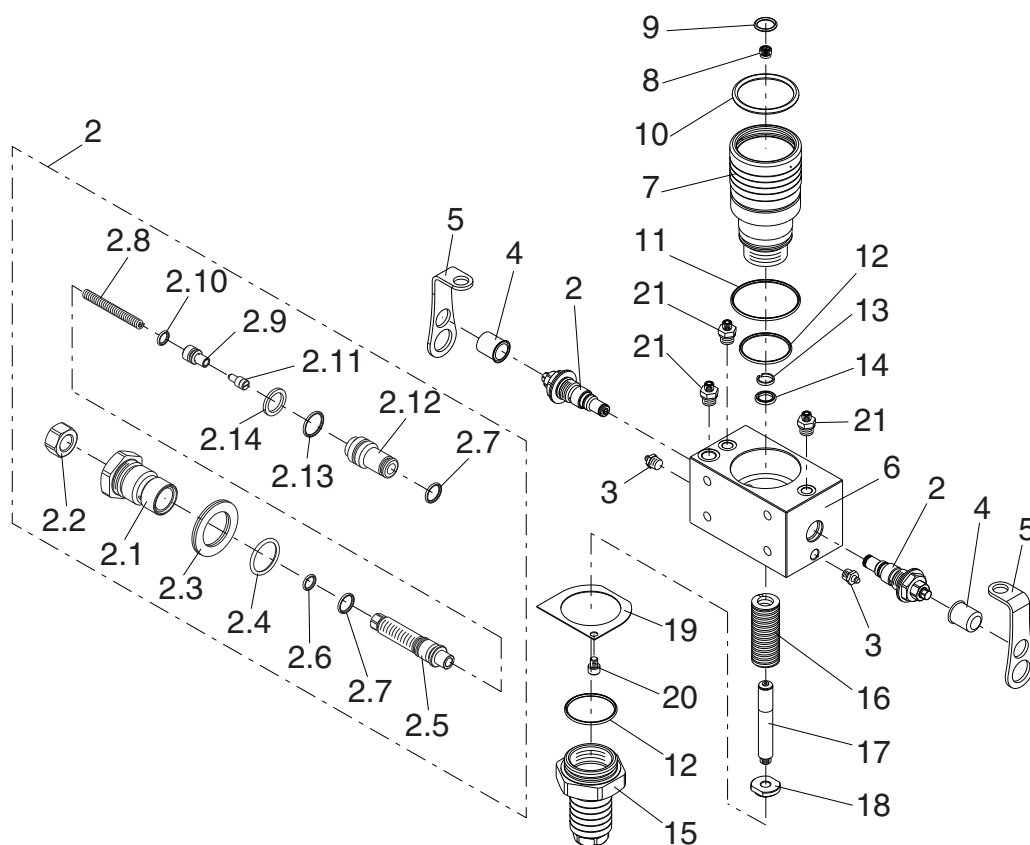
19. GREASING DEVICE KIT



R061471

Item	Description	Part no.	Specification	Note	Qty
Kit	Greasing device kit (incl. parts 1-14)	K60088			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	168032			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	955155			1

20. GREASING DEVICE

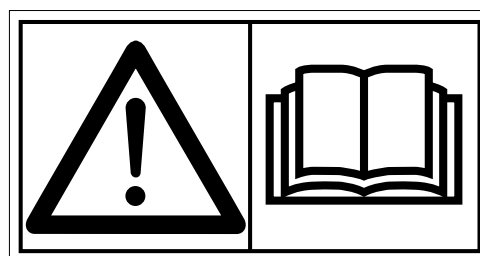
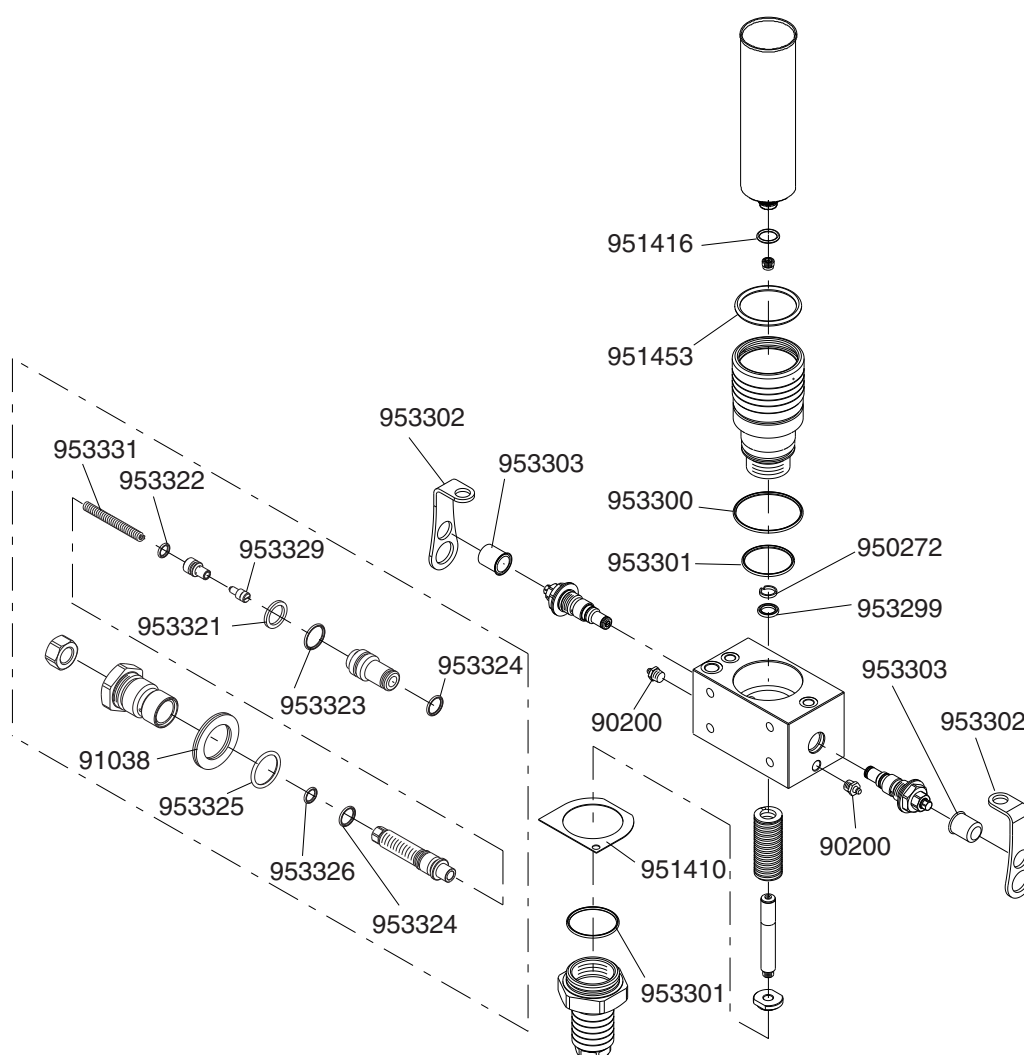


R061470

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			1
2.2	Nut	953330	M12x1 DIN 934		1
2.3	Lock washer	91038	M24 NORD-LOCK	*	2
2.4	O-ring	953325	D21	*	2
2.5	Adjusting screw	953317			1
2.6	O-ring	953326	D8	*	2
2.7	O-ring	953324	D11	*	4
2.8	Spring	953331		*	2
2.9	Piston	173576			1
2.10	O-ring	953322	D7	*	2
2.11	Piston	953329		*	2
2.12	Body	173575			1
2.13	O-ring	953323	D15	*	2
2.14	Shim plate	953321		*	2
3	Grease nipple	90200	BSP 1/4	*	2
4	Plug	953303		*	2
5	Locking plate	953302		*	2
6	Body	953335			1
7	Cartridge holder	953334			1
8	Check valve	951767			1
9	O-ring	951416	D19	*	1
10	O-ring	951453	D62	*	1
11	O-ring	953300	D71	*	1
12	O-ring	953301	D52	*	2
13	Guide ring	950272		*	1
14	Seal	953299		*	1
15	Spring housing	953308			1
16	Spring	950257			1
17	Piston	953307			1
18	Nut	953306			1
19	Lock plate	951410		*	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
	*) Are included in seal set for greasing device				

21. SERVICE KIT FOR GREASING DEVICE RG540 SERIES

Service kit 953385

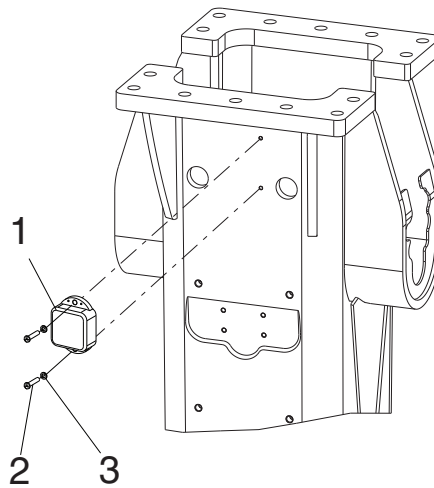


This summary only indicates the position of the seals. It must NOT be used as assembly instruction. Read the manual.

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				

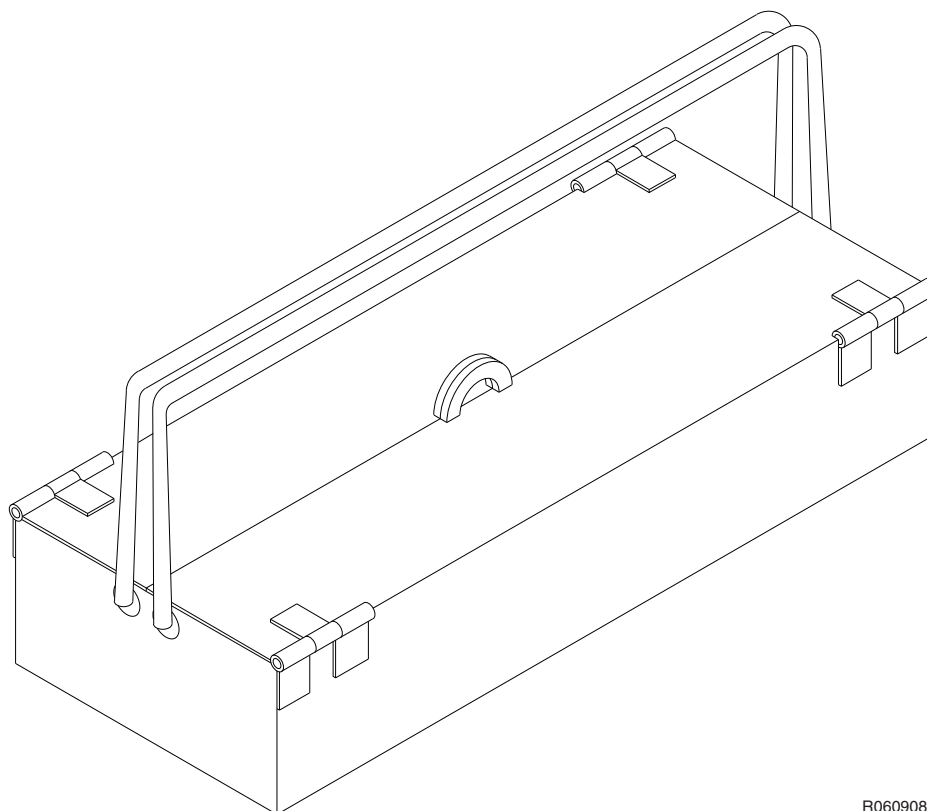
22. RD3, SURFACE MOUNTED



R061450

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				

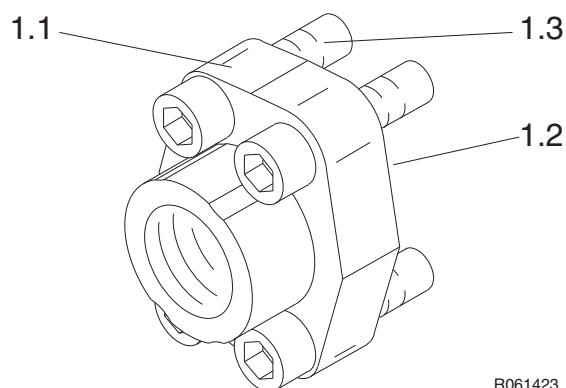
23. TOOL BOX R2



R060908

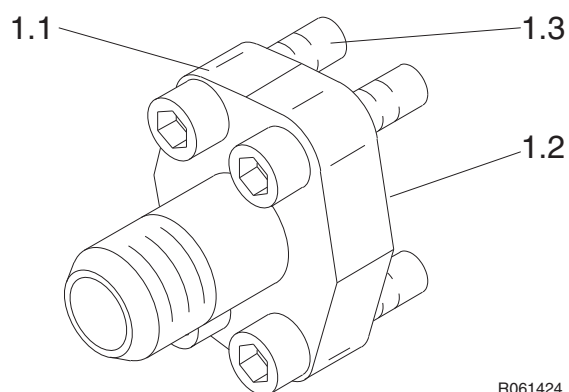
Item	Description	Part no.	Specification	Note	Qty
Kit	Tool box R2 (incl. parts 1-11)	173748			1
1	Tool box	N/A			1
2	Grease gun	90202			1
3	Tool grease	902045			1
4	Grease cartridge	951370			1
5	Puller	150020			1
6	Combination spanner	N/A	12		1
7	Screwdriver	N/A	6x150		1
8	Flange plug	90444	R3/8		3
9	Flange plug	90403	R1/4		1
10	Grease nipple	953767	R3/8		2
11	Safety glasses	N/A			1

24. COUPLING SET



Item	Description	Part no.	Specification	Note	Qty
1	Coupling set (incl. parts 1.1-1.3)	400587			1
1.1	Flange	90531	SAE 1 1/4 6000 psi - BSP 1 1/4 FEMALE		2
1.2	O-ring	90009			2
1.3	Hexagon socket screw	90593	M14x45-8.8 ISO 4762		8

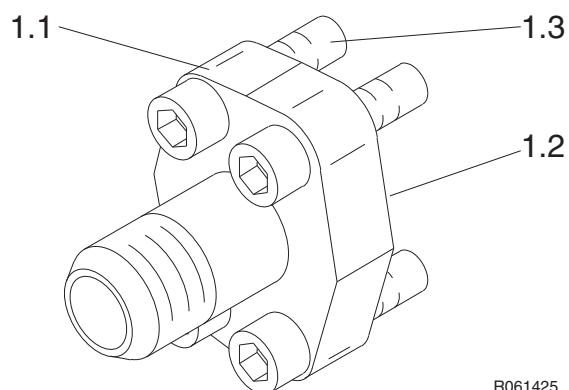
25. COUPLING SET



R061424

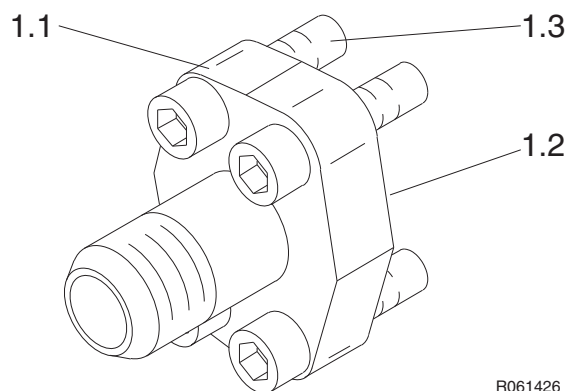
Item	Description	Part no.	Specification	Note	Qty
1	Coupling set (incl. parts 1.1-1.3)	400599			1
1.1	Flange	915069	SAE 1 1/4 6000 psi - JIC 20, 1 5/8-12 MALE		2
1.2	O-ring	90009			2
1.3	Hexagon socket screw	90593	M14x45-8.8 ISO 4762		8

26. COUPLING SET



Item	Description	Part no.	Specification	Note	Qty
1	Coupling set (incl. parts 1.1-1.3)	400591			1
1.1	Flange	915055	SAE 1 1/4 6000 psi - JIS 30° BSP 1 1/4 MALE		2
1.2	O-ring	90009			2
1.3	Hexagon socket screw	90593	M14x45-8.8 ISO 4762		8

27. COUPLING SET



R061426

Item	Description	Part no.	Specification	Note	Qty
1	Coupling set (incl. parts 1.1-1.3)	400590			1
1.1	Flange	915071	SAE 1 1/4 6000 psi - M52x2 MALE		2
1.2	O-ring	90009			2
1.3	Hexagon socket screw	90593	M14x45-8.8 ISO 4762		8



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