



HYDRAULIC HAMMER

RAMMER 2577

Heavy Duty

Heavy Duty Primary Breaking

Serial No.

2577A1333-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 an easy operation, maintenance and repair of the product. Please note that warranty claims will be handled only if you have used genuine Rammer parts.

LOCATION OF THE SERIAL NUMBER

It is important to refer to the serial number of the product when ordering spare parts. The identification of serial number is the only proper means of maintaining and identifying parts for a specific product. The location of the equipment serial number is pointed in “Operation and maintenance” manual.

SPARE PART ORDERS

Quick spare part deliveries are ensured by exact orders.

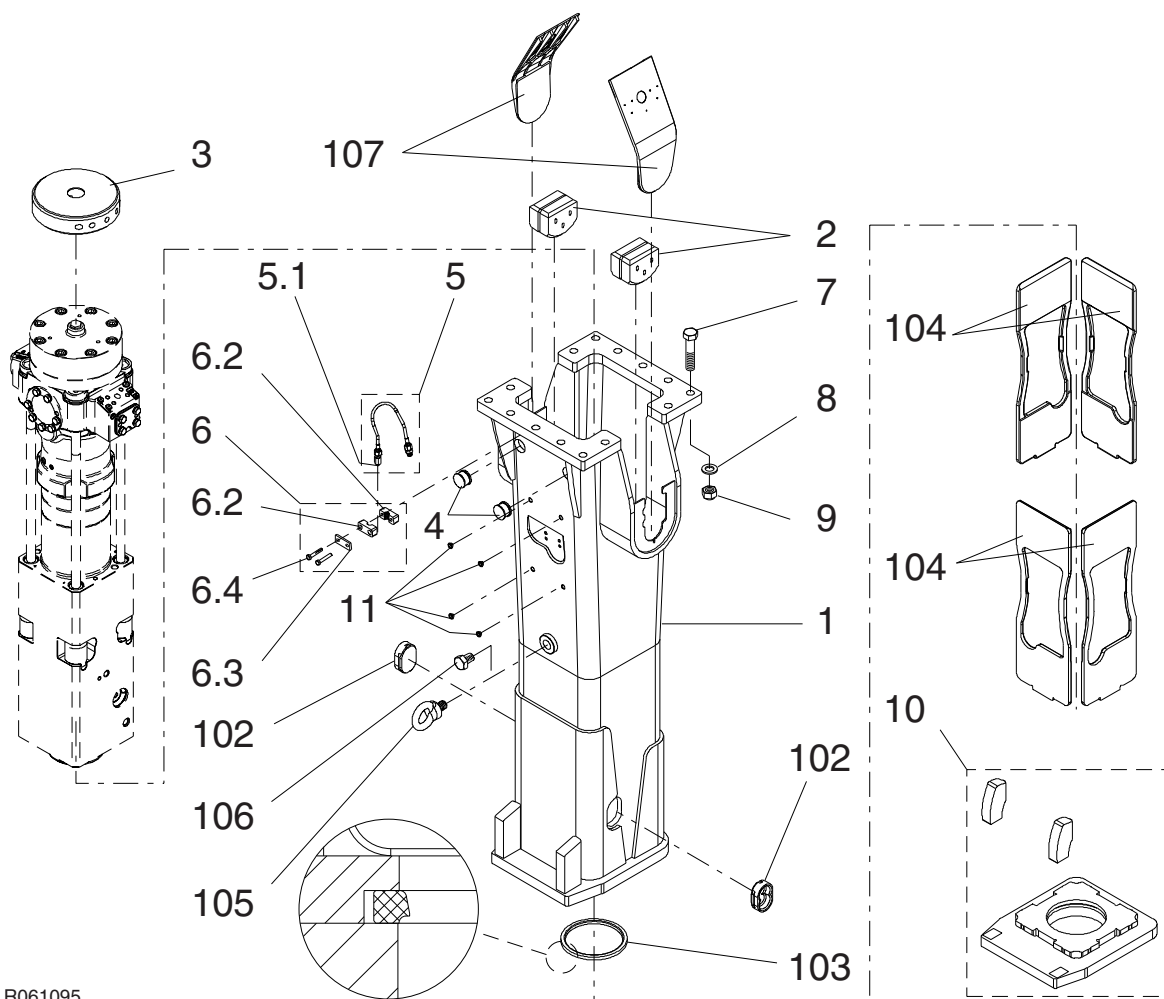
Required information:

- 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

22. Ramdata II service indicator	40
23. Tool box R1	41
24. Coupling set	42
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PARTS

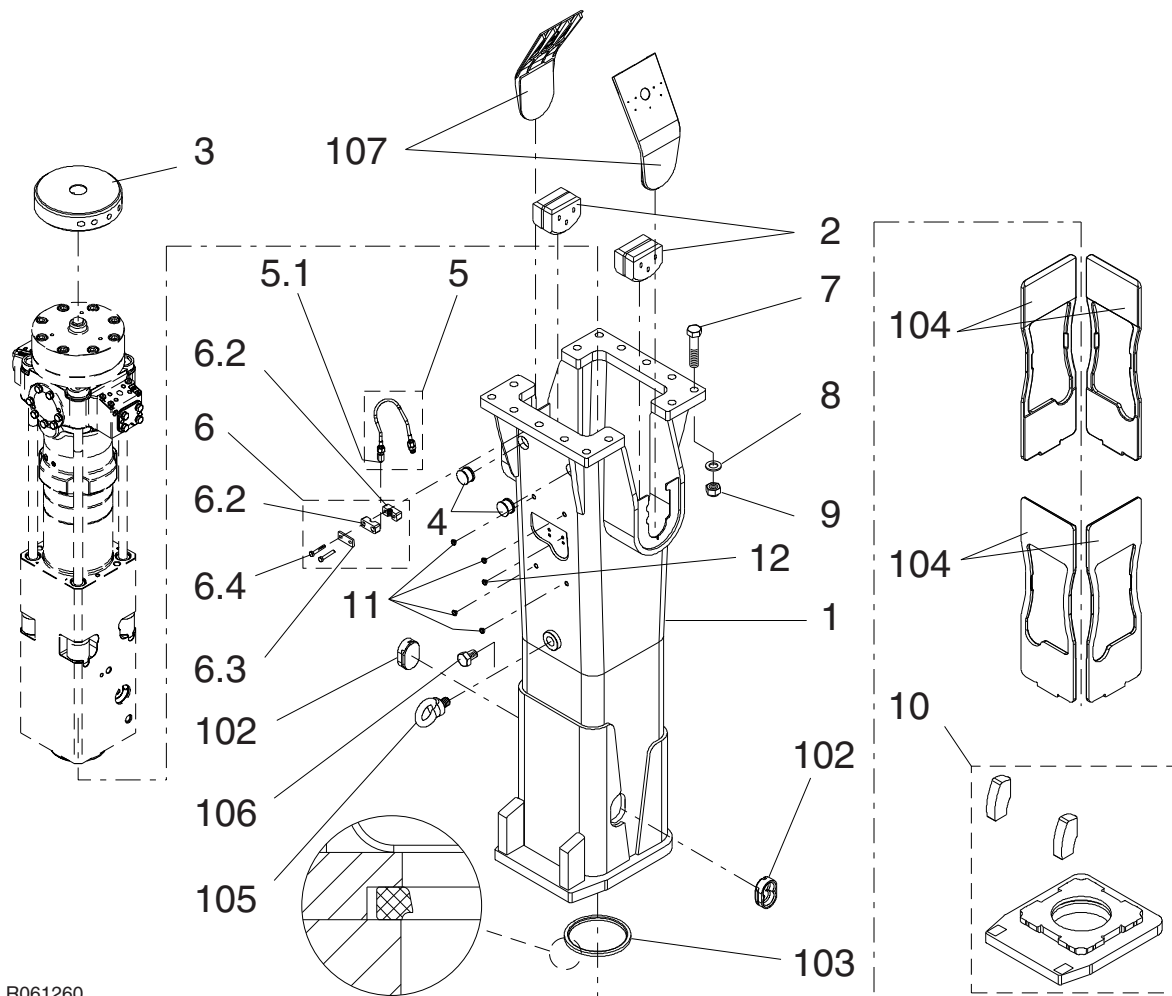
1. HOUSING UNIT HEAVY DUTY



R061095

Item	Description	Part no.	Specification	Note	Qty
1	Housing	168069			1
2	Pad	300954			2
3	Buffer	301000			1
4	Rubber plug	400491	D50		2
5	Hose assembly (incl. part 5.1)	162531			1
5.1	Grease nipple	90200			1
6	Pipe clamping (incl. parts 6.2-6.4)	952664			1
6.2	Body	952618			2
6.3	Plate	903300			1
6.4	Hex. screw	903094	M10x60-8.8 ISO 4014		2
7	Hex. screw	90589	M24x110-12.9 ISO 4014		14
8	Washer	90511	25 ISO 7416		14
9	Lock nut	90507	M24-12 DIN 985		14
10	Wear parts	165789			1
11	Plug	953291			4
102	Rubber plug	161785			2
103	Seal	161535			1
104	Wear plate	162488			4
105	Lifting eye	90705	M30 DIN 580		1
106	Hex. screw	900026	M30x40-8.8 ISO 4017		1
107	Shield plate	162381			2
20	Label set (incl. part 20.1)	170435			1
20.1	Safety label set	169400	English		1

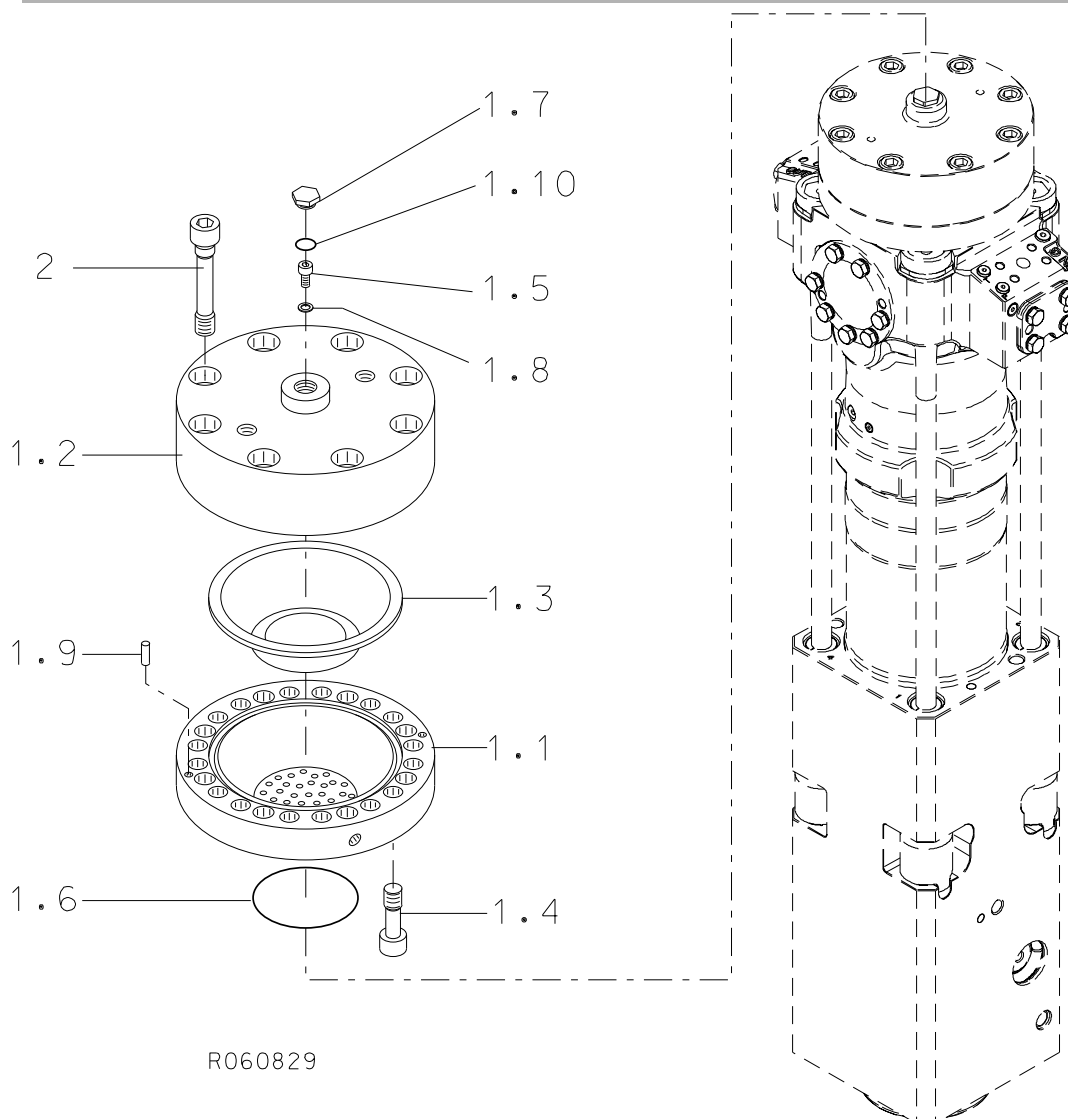
2. HOUSING UNIT HEAVY DUTY PRIMARY BREAKING



R061260

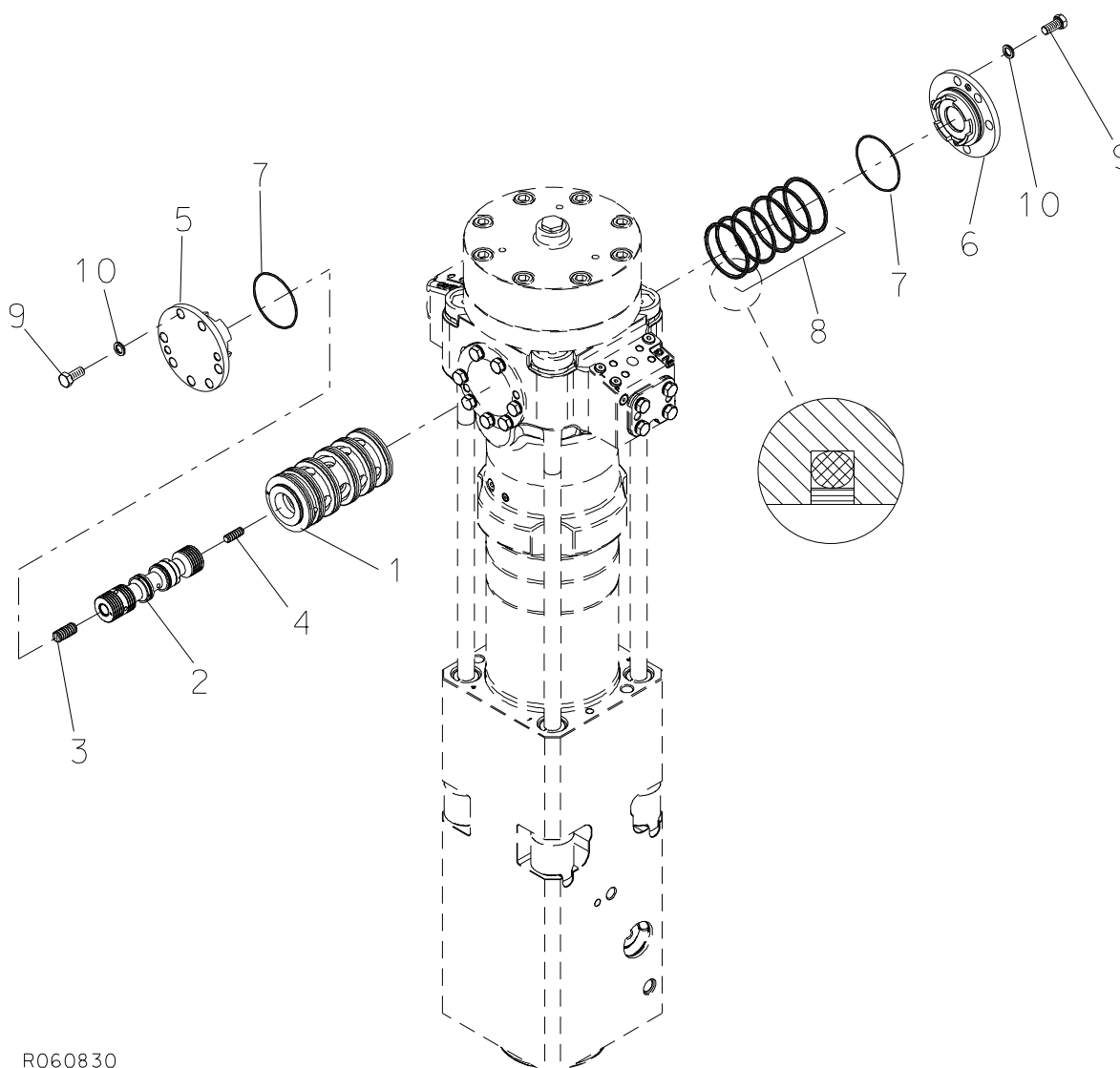
Item	Description	Part no.	Specification	Note	Qty
1	Housing	168069			1
2	Pad	300954			2
3	Buffer	172696			1
4	Rubber plug	165434			2
5	Hose assembly (incl. part 5.1)	162531			1
5.1	Grease nipple	90200			1
6	Pipe clamping (incl. parts 6.2-6.4)	952664			1
6.2	Body	952618			2
6.3	Plate	903300			1
6.4	Hex. screw	903094	M10x60-8.8 ISO 4014		2
7	Hex. screw	90589	M24x110-12.9 ISO 4014		14
8	Washer	90511	25 ISO 7416		14
9	Lock nut	90507	M24-12 DIN 985		14
10	Wear parts	165789			1
11	Plug	953291			4
12	Plug	953332			4
102	Rubber plug	161785			2
103	Seal	161535			1
104	Wear plate	162488			4
105	Lifting eye	90705	M30 DIN 580		1
106	Hex. screw	900026	M30x40-8.8 ISO 4017		1
107	Shield plate	162381			2
20	Label set (incl. part 20.1)	170435			1
20.1	Safety label set	169400	English		1

3. ACCUMULATOR



Item	Description	Part no.	Specification	Note	Qty
1	Accumulator (incl. parts 1.1-1.10)	163209			1
1.1	Accumulator bottom	100672			1
1.2	Accumulator cover	163210			1
1.3	Membrane	30211			1
1.4	Accumulator screw	40416			16
1.5	Filling plug	40368			1
1.6	Seal	40104	D114	*	1
1.7	Shield plug	154015			1
1.8	Usit-ring	90056	8-13.9-1	*	1
1.9	Parallel pin	90304	10m6x24 DIN 6325		2
1.10	O-ring	910006	D23	*	1
2	Accumulator screw	951208			8
	*) Are included in seal set				

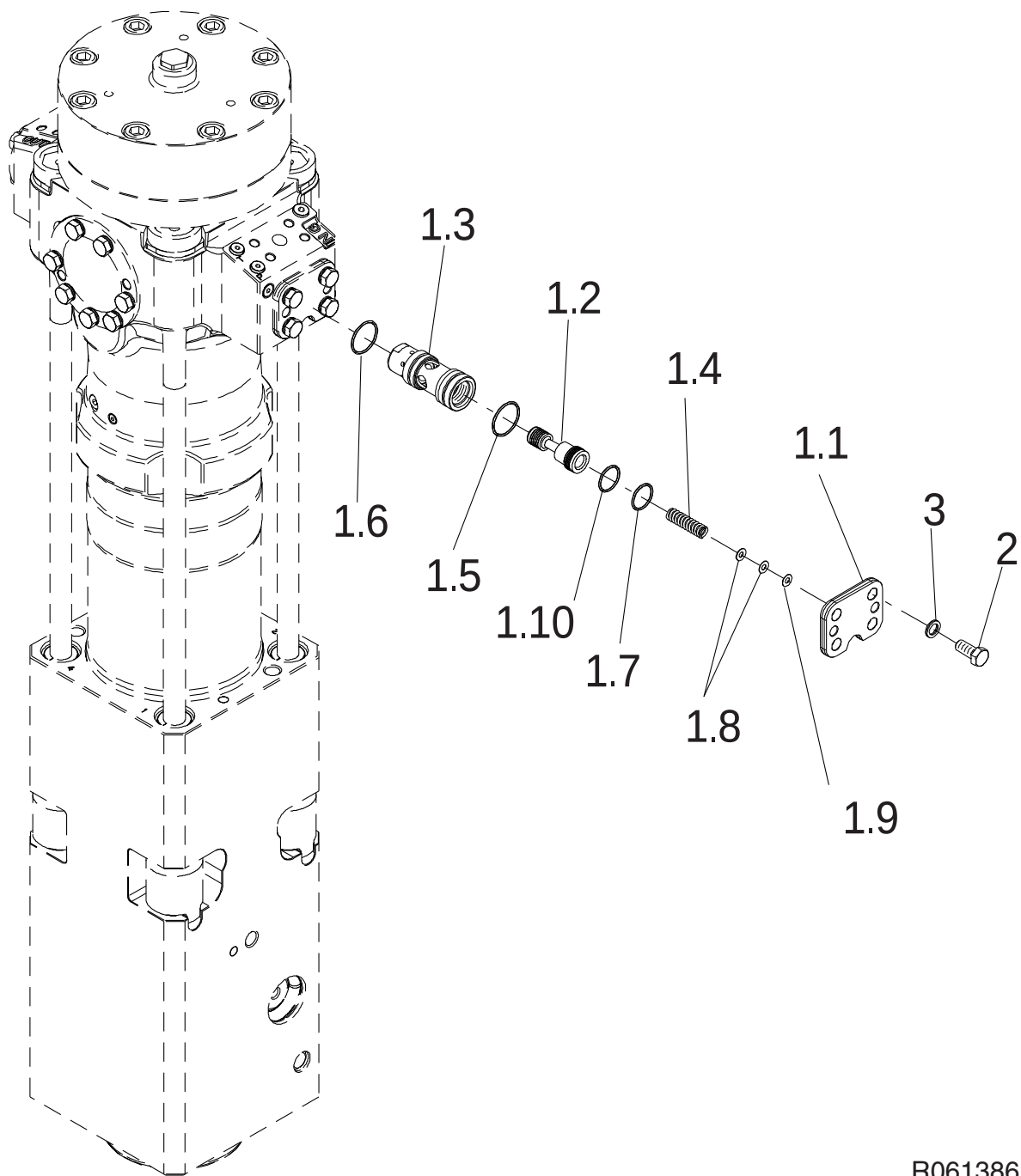
4. MAIN VALVE



R060830

Item	Description	Part no.	Specification	Note	Qty
1	Main valve bushing	156302			1
2	Main spool	161436			1
3	Spool	40111			1
4	Spool	400325			1
5	Cover	161280			1
6	Cover	30776			1
7	O-ring	90005	D105	*	2
8	Seal	902668	D110	*	6
9	Hex. screw	90517	M16x35-8.8 ISO 4017		13
10	Lock washer	90597	M16 NORD-LOCK		13
	*) Are included in seal set				

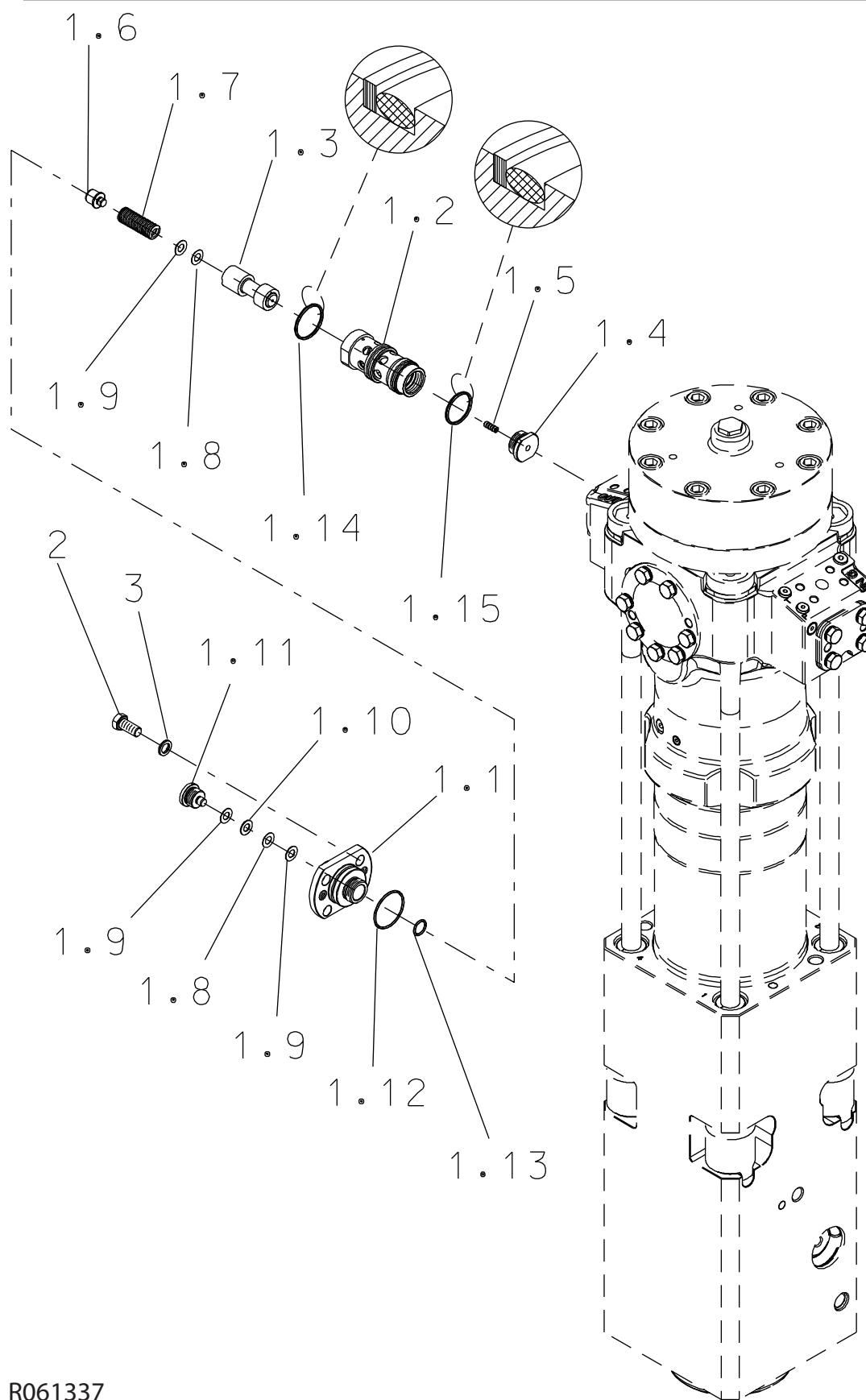
5. RAMVALVE



R061386

Item	Description	Part no.	Specification	Note	Qty
1	Ramvalve (incl. parts 1.1-1.10)	158955			1
1.1	Cover	158952			1
1.2	Spool	174665			1
1.3	Valve housing	158953			1
1.4	Spring	952162			1
1.5	O-ring	90031	D46	*	1
1.6	O-ring	90007	D44	*	1
1.7	O-ring	90017	D34	*	1
1.8	Shim plate	41639	S=0.5		X
1.9	Shim plate	41640	S=1		X
1.10	Seal	954341			1
2	Hex. screw	90517	M16x35-8.8 ISO 4017		4
3	Lock washer	90597	M16 NORD-LOCK		4
	*) Are included in seal set				

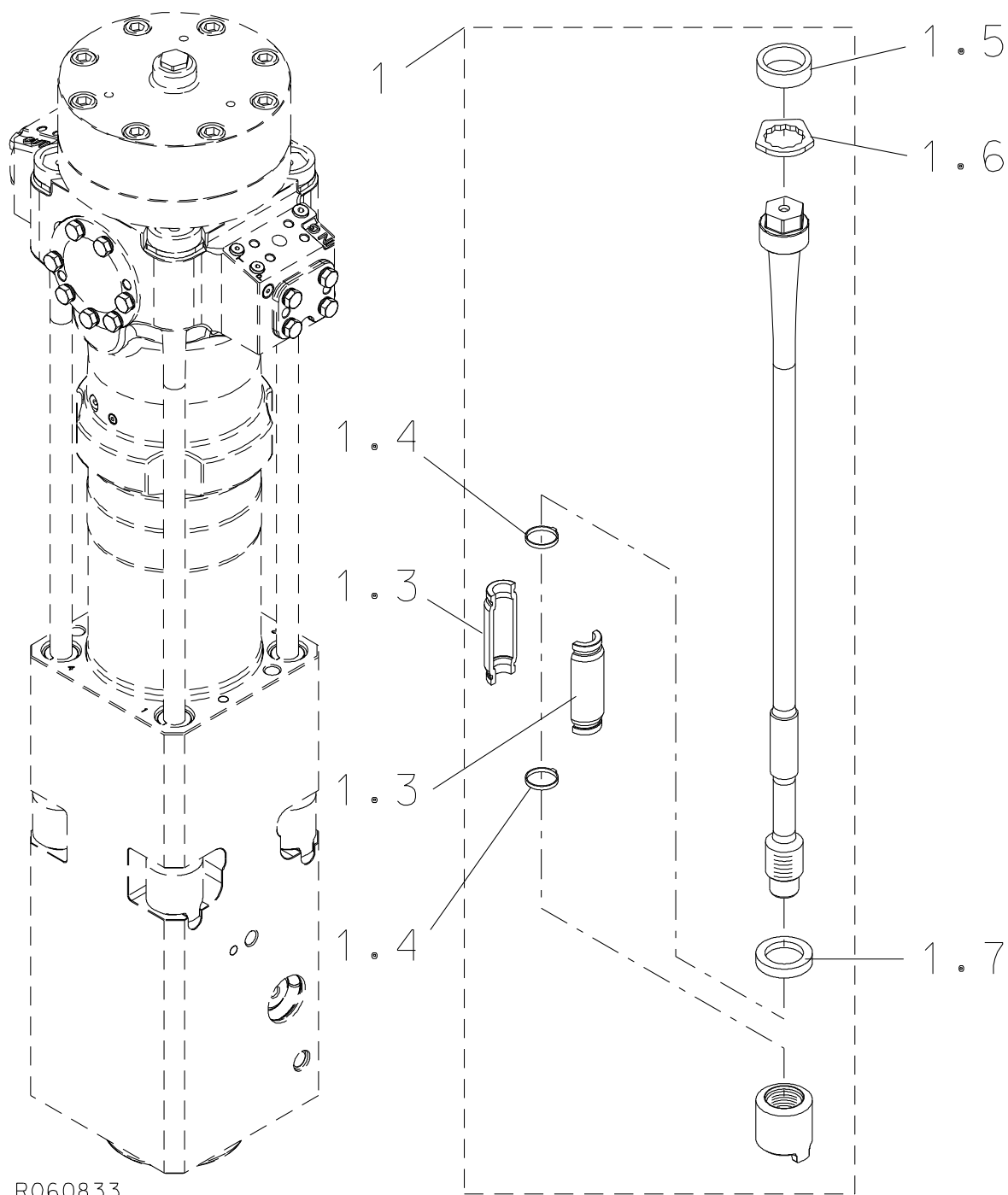
6. PRESSURE CONTROL VALVE



R061337

Item	Description	Part no.	Specification	Note	Qty
1	Pressure control valve (incl. parts 1.1-1.15)	161421			1
1.1	Cover	161413			1
1.2	Valve housing	161908			1
1.3	Spool	161909			1
1.4	Guide	400688			1
1.5	Spool	400690			1
1.6	Spring guide	161433			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	112512			1
1.12	O-ring	90083	D60	*	1
1.13	O-ring	910018	D21	*	1
1.14	Seal	41374	D55	*	1
1.15	Seal	41375	D50	*	1
2	Hex. screw	90517	M16x35-8.8 ISO 4017		4
3	Lock washer	90597	M16 NORD-LOCK		4
	*) Are included in seal set				

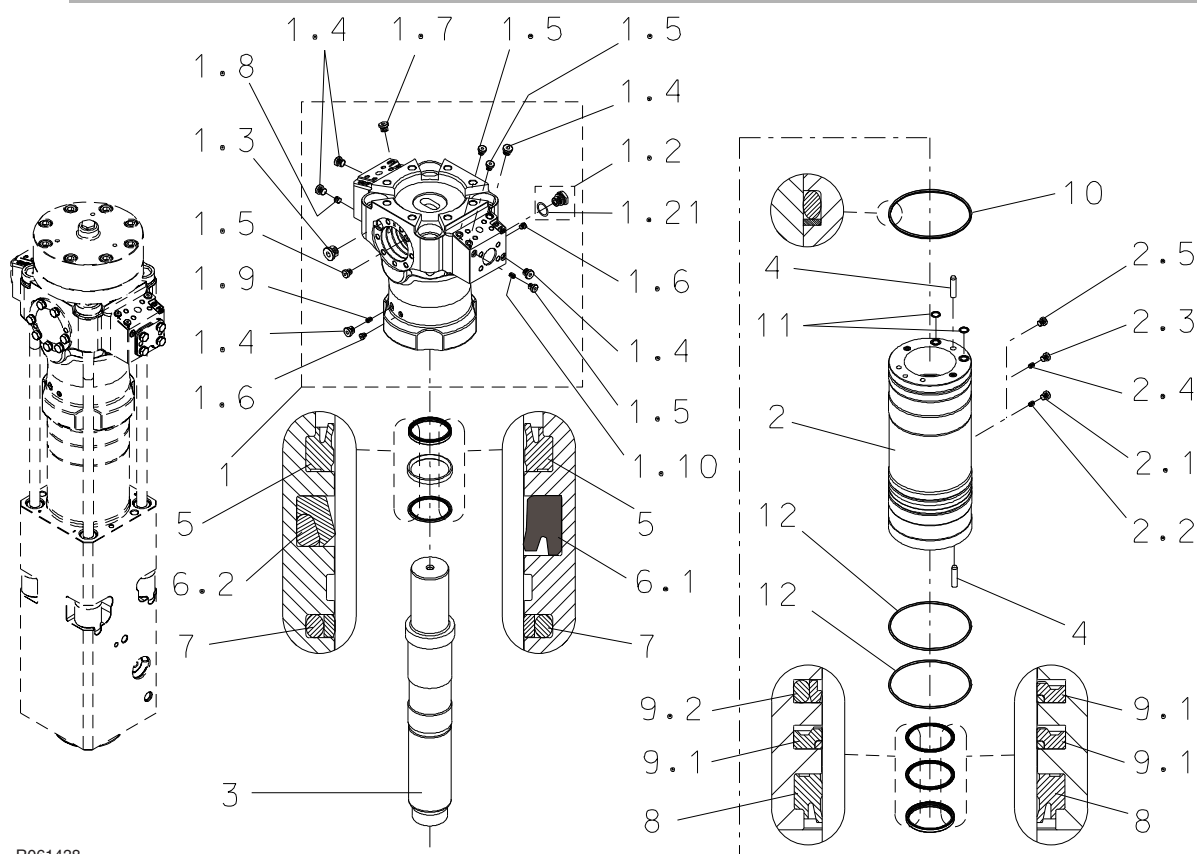
7. TIE RODS



R060833

Item	Description	Part no.	Specification	Note	Qty
1	Tie rod set (incl. parts 1.3-1.7)	162977			4
1.3	Vibration dampening element	160995			2
1.4	Cable tie	952009			2
1.5	Rubber ring	400661			1
1.6	Lock plate	400659			1
1.7	Spacer	160968			1

8. BODY PARTS HEAVY DUTY

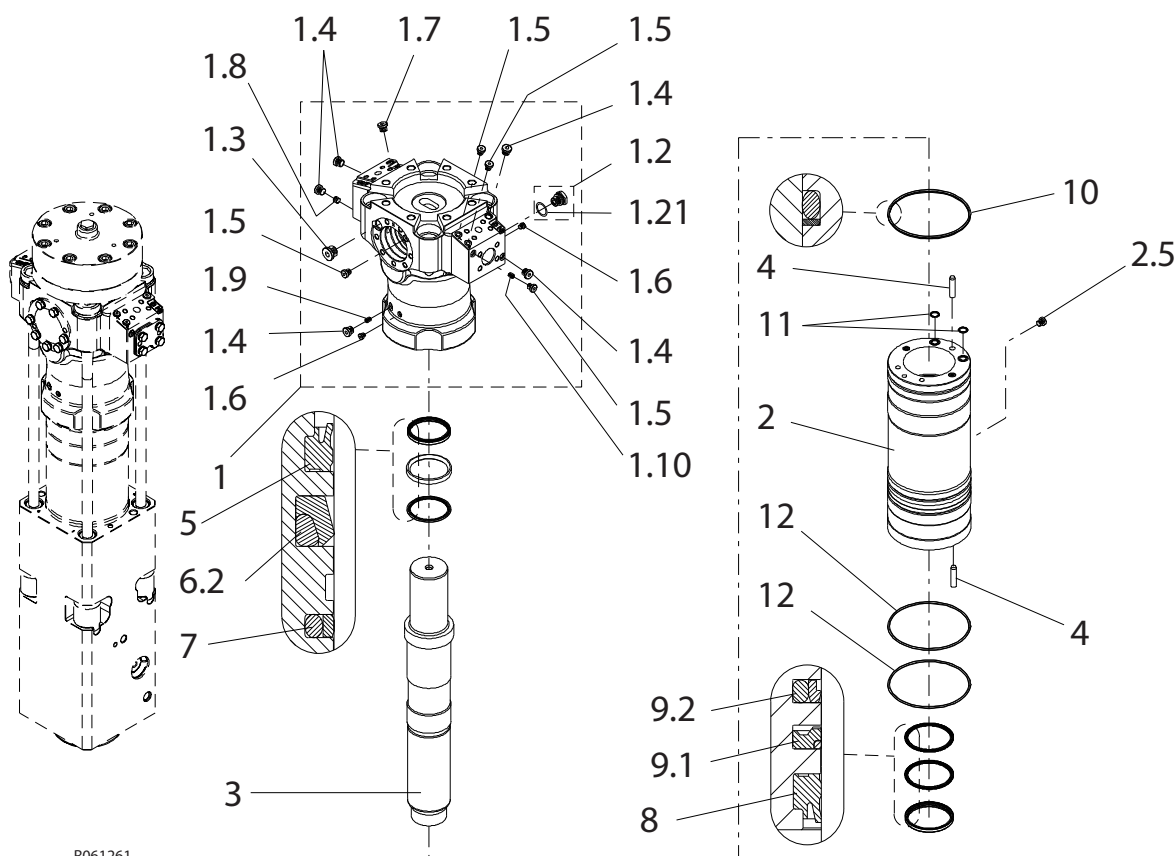


R061438

Item	Description	Part no.	Specification	Note	Qty
1	Valve body (incl. parts 1.2-1.10)	161388			1
1.2	Breather (incl. part 1.21)	101200			1
1.21	O-ring	902122	D24	*	1
1.3	Flange plug	90401	R3/4		1
1.4	Flange plug	90444	R3/8		5
1.5	Flange plug	90403	R1/4		4
1.6	Flange plug	93203	R1/8		2
1.7	Breather	400662	R3/8		1
1.8	Taper plug	93125	DIN 906-R1/4		1
1.9	Nozzle	161922			1
1.10	Nozzle	161465			1
2	Cylinder (incl. parts 2.1-2.5)	162492			1
2.1	Flange plug	90403	R1/4, softened stroke		1
2.2	Nozzle	161470	softened stroke		1
2.3	Flange plug	90403	R1/4, normal stroke		1
2.4	Screw	952544	M10x12 ISO 4026, normal stroke		1
2.5	Flange plug	90403	R1/4, idle stroke prevention		1
3	Piston	161015			1
4	Parallel pin	904017	16m6x70 ISO 8734		2
5	Wiper	952635		*	1
6.1	Seal	955108		*	1
6.2	Seal	953984	Heat resistant	**	1

Item	Description	Part no.	Specification	Note	Qty
7	Seal	161601		*	1
8	Wiper	952636		*	1
9.1	Seal	952579		*	2
9.2	Seal	953985	Heat resistant	**	1
10	Seal	400663	D230	*	1
11	O-ring	953941	D21	*	2
12	O-ring	90076	D229	*	2
	*) Are included in seal set				
	***) Are included in heat resistant seal set				

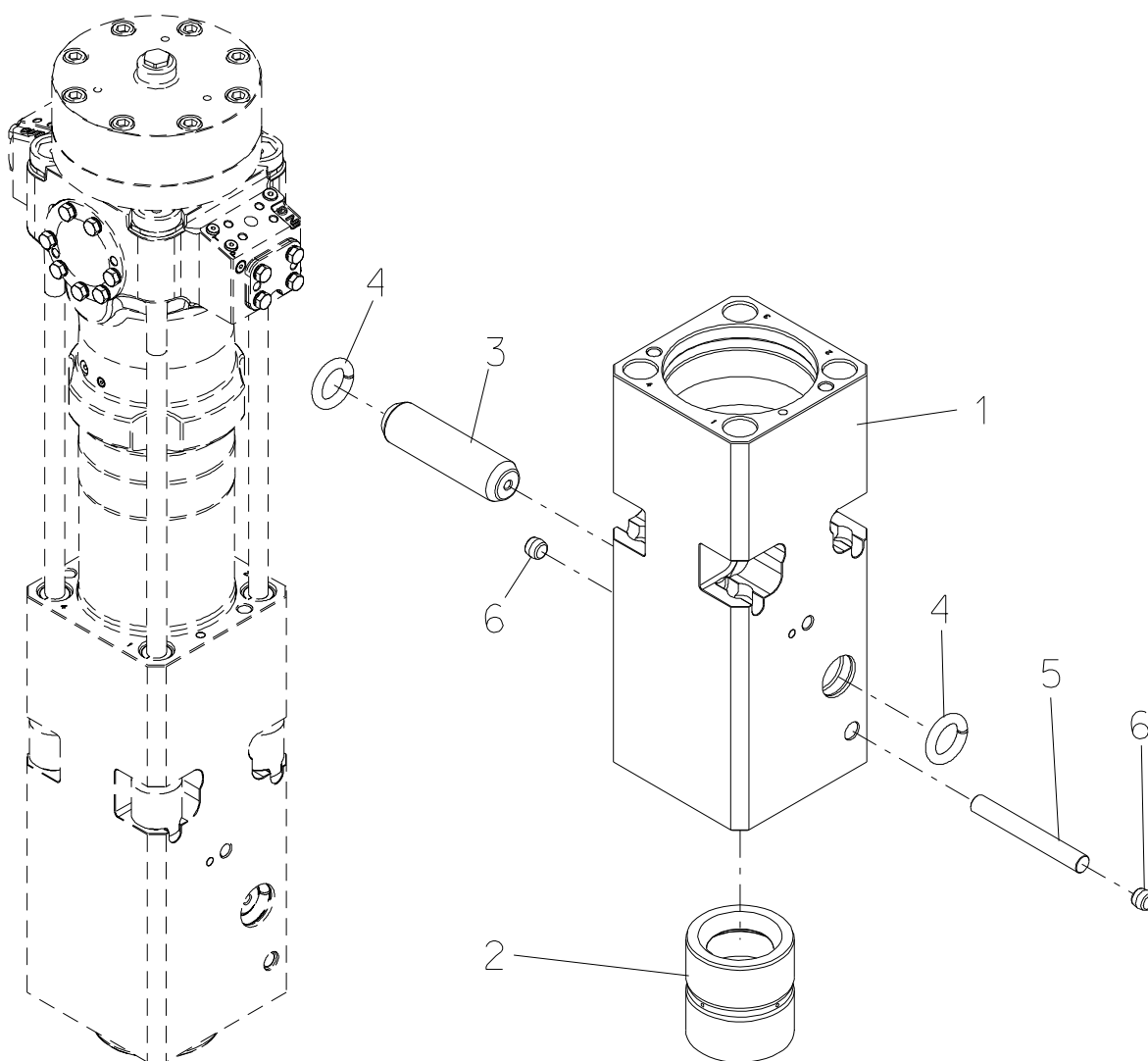
9. BODY PARTS HEAVY DUTY PRIMARY BREAKING



Item	Description	Part no.	Specification	Note	Qty
1	Valve body (incl. parts 1.2-1.10)	161388			1
1.2	Breather (incl. part 1.21)	101200			1
1.21	O-ring	902122	D24	*	1
1.3	Flange plug	90401	R3/4		1
1.4	Flange plug	90444	R3/8		5
1.5	Flange plug	90403	R1/4		4
1.6	Flange plug	93203	R1/8		2
1.7	Breather	400662	R3/8		1
1.8	Taper plug	93125	DIN 906-R1/4		1
1.9	Nozzle	161922			1
1.10	Nozzle	161465			1
2	Cylinder (incl. part 2.5)	162492			1
2.5	Flange plug	90403	R1/4, idle stroke prevention		1
3	Piston	161015			1
4	Parallel pin	904017	16m6x70 ISO 8734		2
5	Wiper	952635		*	1
6.2	Seal	953984	Heat resistant	*	1
7	Seal	161601		*	1
8	Wiper	952636		*	1
9.1	Seal	952579		*	1
9.2	Seal	953985	Heat resistant	*	1
10	Seal	400663	D230	*	1

Item	Description	Part no.	Specification	Note	Qty
11	O-ring	953941	D21	*	2
12	O-ring	90076	D229	*	2
	*) Are included in heat resistant seal set				

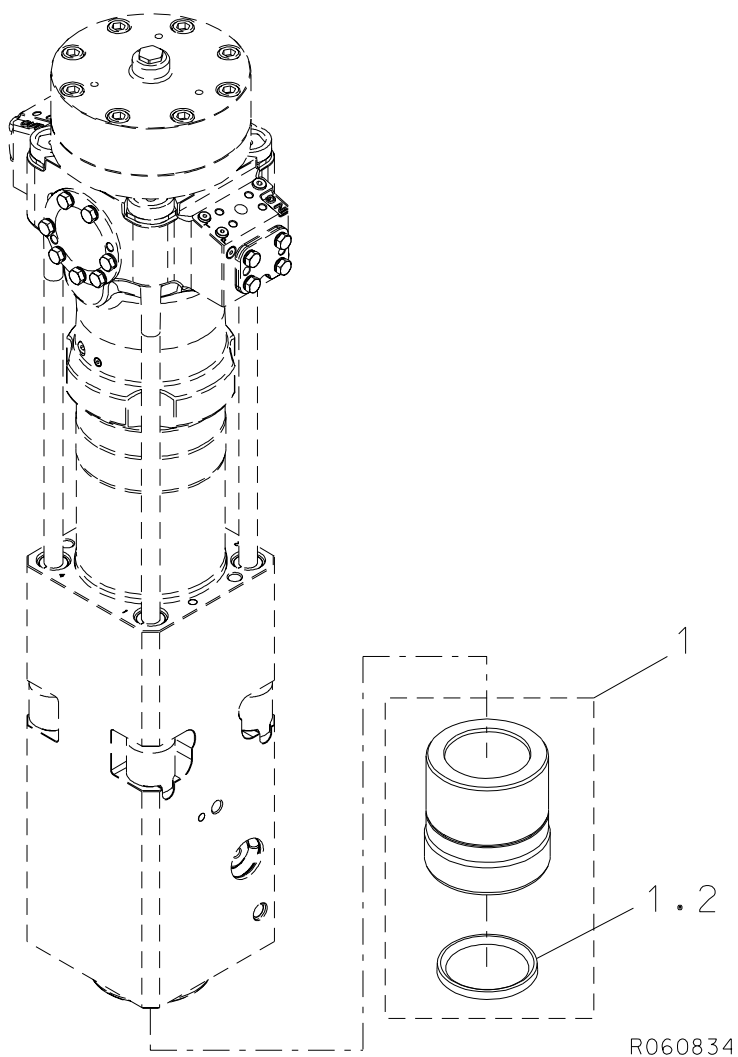
10. FRONT HEAD



R060835

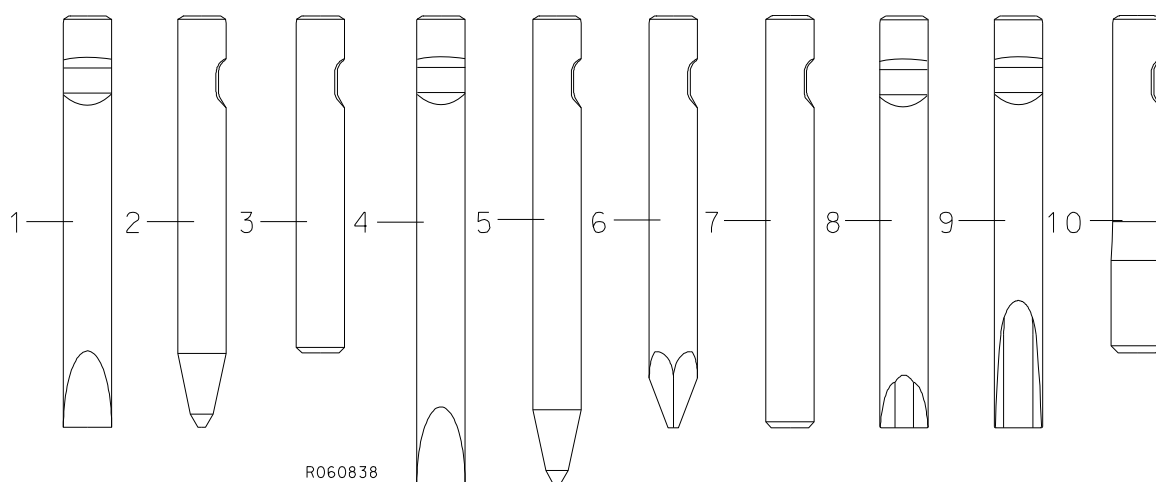
Item	Description	Part no.	Specification	Note	Qty
1	Front head	162491			1
2	Upper tool bushing	160940			1
3	Tool retaining pin	160942			1
4	Ring	153236			2
5	Retaining pin	400655			1
6	Rubber plug	104530			2
	*) Are included in seal set				

11. LOWER TOOL BUSHING



Item	Description	Part no.	Specification	Note	Qty
1	Lower tool bushing (incl. part 1.2)	163214			1
1.2	Seal	161409			1

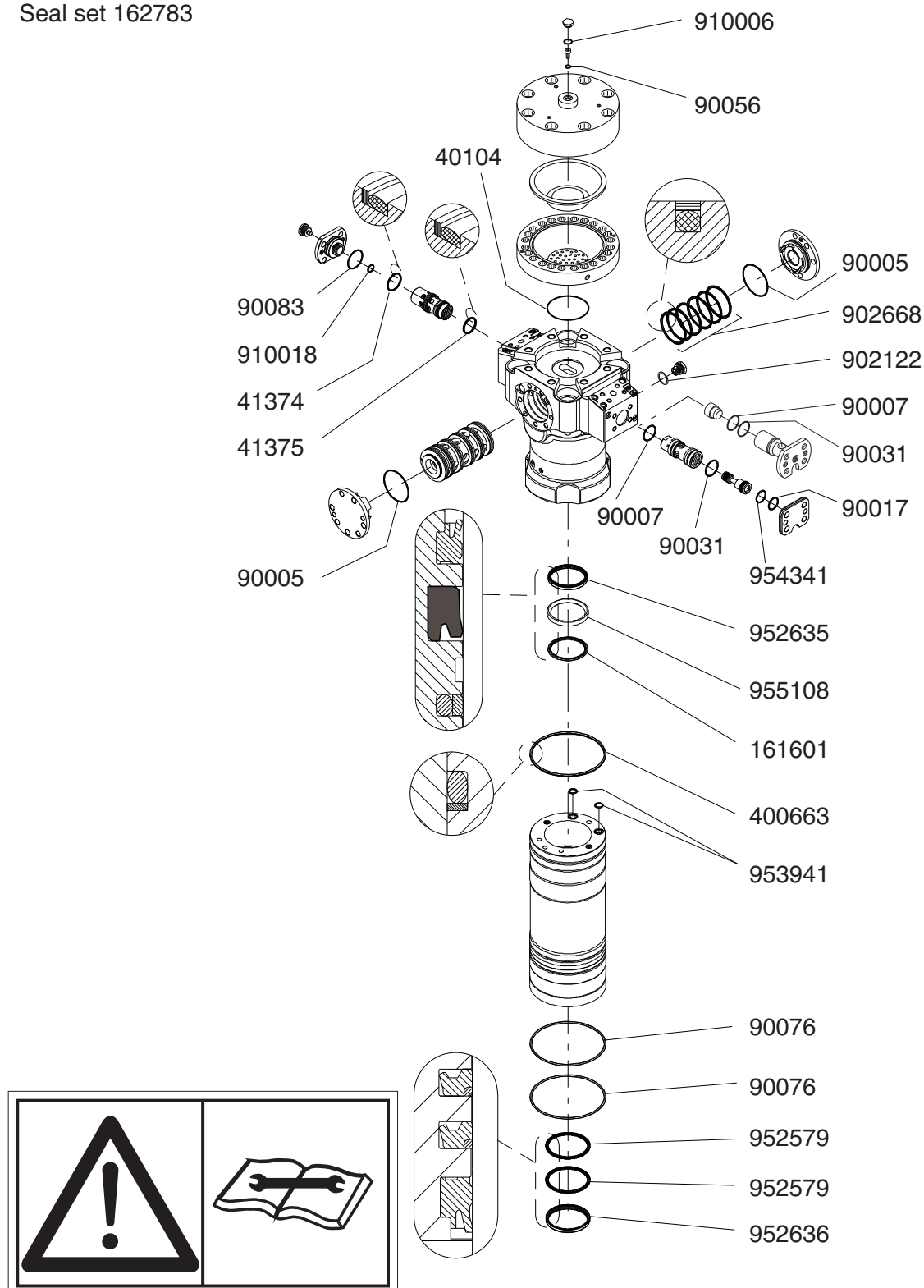
12. TOOL



Item	Description	Part no.	Specification	Note	Qty
1	Chisel	771	L = 1120 mm, W = 112 kg, D = 135 mm		1
2	Moil point	773	L = 1120 mm, W = 108 kg, D = 135 mm		1
3	Blunt	774	L = 920 mm, W = 100 kg, D = 135 mm		1
4	Long chisel	772	L = 1270 mm, W = 129 kg, D = 135 mm		1
5	Long moil point	778	L = 1270 mm, W = 125 kg, D = 135 mm		1
6	Pyramid	773K3	L = 1120 mm, W = 108 kg, D = 135 mm		1
7	Long blunt	774C1	L = 1120 mm, W = 121 kg, D = 135 mm		1
8	Limestone Chisel	771F3	L = 1120 mm, W = 115 kg, D = 135 mm		1
9	Hard Rock Chisel	771A2	L = 1120 mm, W = 106 kg, D = 135 mm		1
10	Super Blunt	774T2	L = 920 mm, W = 101 kg, D = 143 mm		1

13. SEAL SET HEAVY DUTY

Seal set 162783



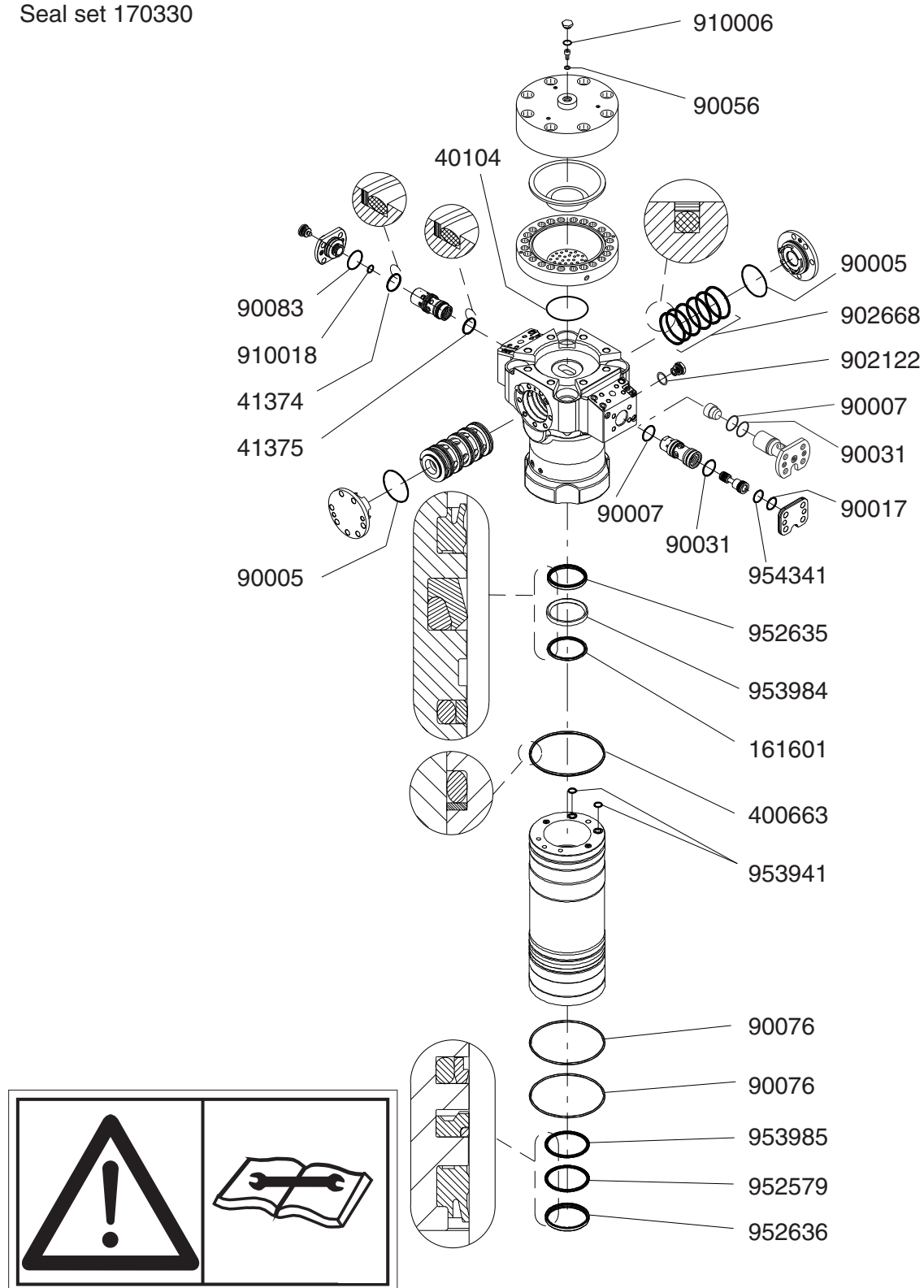
This summary only indicates the position of the seals. It must NOT be used as assembly instruction. Read the service manual. Notice! Assembly must be performed by qualified service personnel only.

R061439

Item	Description	Part no.	Specification	Note	Qty
Kit	Seal set (incl. parts 1-22)	162783			1
1	Seal	40104	D114		1
2	O-ring	910006	D23		1
3	Usit-ring	90056	8-13.9-1		1
4	O-ring	90005	D105		2
5	Seal	902668	D110		6
6	O-ring	90031	D46		1
7	O-ring	90007	D44		1
8	O-ring	90017	D34		1
9	O-ring	90083	D60		1
10	O-ring	910018	D21		1
11	Seal	41374	D55		1
12	Seal	41375	D50		1
13	O-ring	902122	D24		1
14	Wiper	952635			1
15	Seal	955108			1
16	Seal	161601			1
17	Wiper	952636			1
18	Seal	952579			2
19	Seal	400663	D230		1
20	O-ring	90076	D229		2
21	O-ring	953941	D21		2
22	Seal	954341			1
	The seals for greasing device are not included in this seal set. They are included in the service kit for greasing device.				

14. SEAL SET, HEAT RESISTANT HEAVY DUTY PRIMARY BREAKING

Seal set 170330

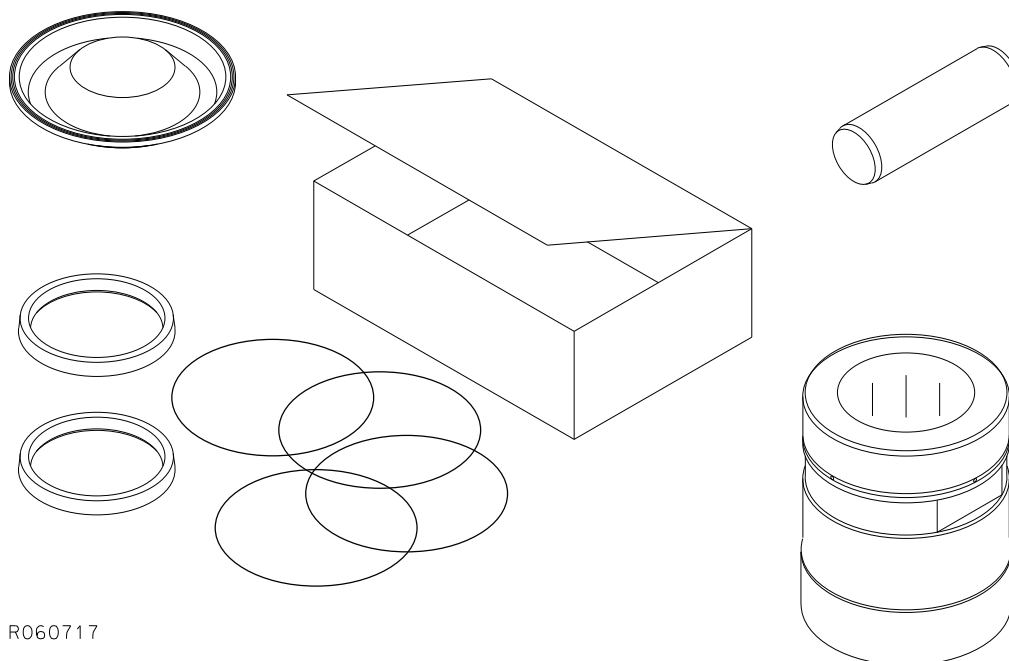


This summary only indicates the position of the seals. It must NOT be used as assembly instruction. Read the service manual. Notice! Assembly must be performed by qualified service personnel only.

R061137

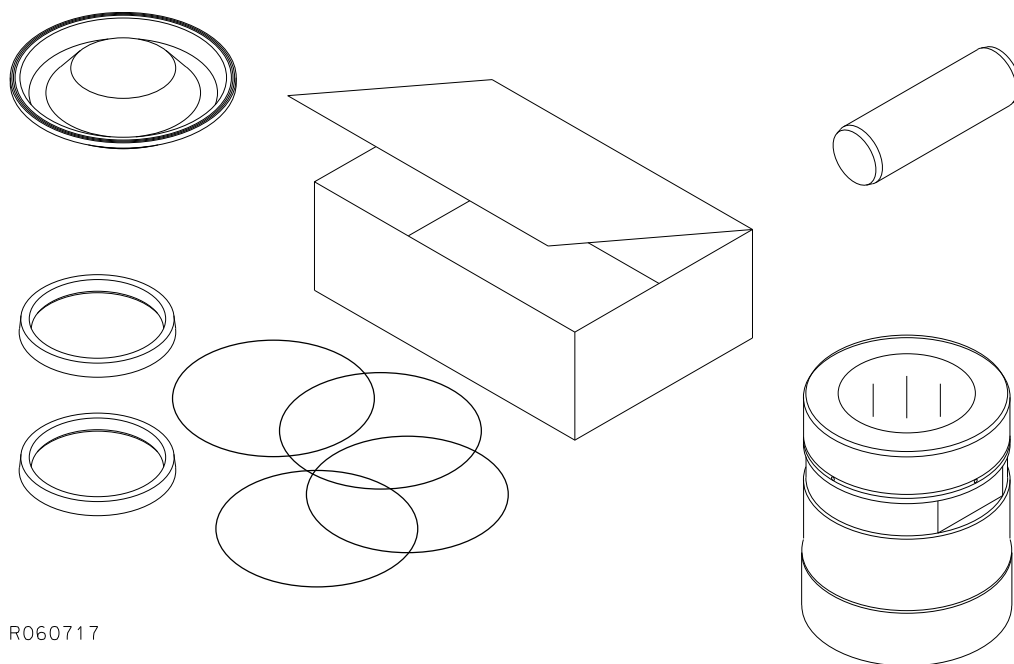
Item	Description	Part no.	Specification	Note	Qty
Kit	Seal set (incl. parts 1-23)	170330			1
1	Seal	40104	D114		1
2	O-ring	910006	D23		1
3	Usit-ring	90056	8-13.9-1		1
4	O-ring	90005	D105		2
5	Seal	902668	D110		6
6	O-ring	90031	D46		1
7	O-ring	90007	D44		1
8	O-ring	90017	D34		1
9	O-ring	90083	D60		1
10	O-ring	910018	D21		1
11	Seal	41374	D55		1
12	Seal	41375	D50		1
13	O-ring	902122	D24		1
14	Wiper	952635			1
15	Seal	953984			1
16	Seal	161601			1
17	Wiper	952636			1
18	Seal	952579			1
19	Seal	400663	D230		1
20	O-ring	90076	D229		2
21	O-ring	953941	D21		2
22	Seal	953985			1
23	Seal	954341			1
	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 HEAVY DUTY



Item	Description	Part no.	Specification	Note	Qty
Kit	Service kit (incl. parts 1 - 4)	K12577			1
1	Membrane	30211			1
2	Tool retaining pin	160942			1
3	Lower tool bushing	163214			1
4	Seal set	162783			1

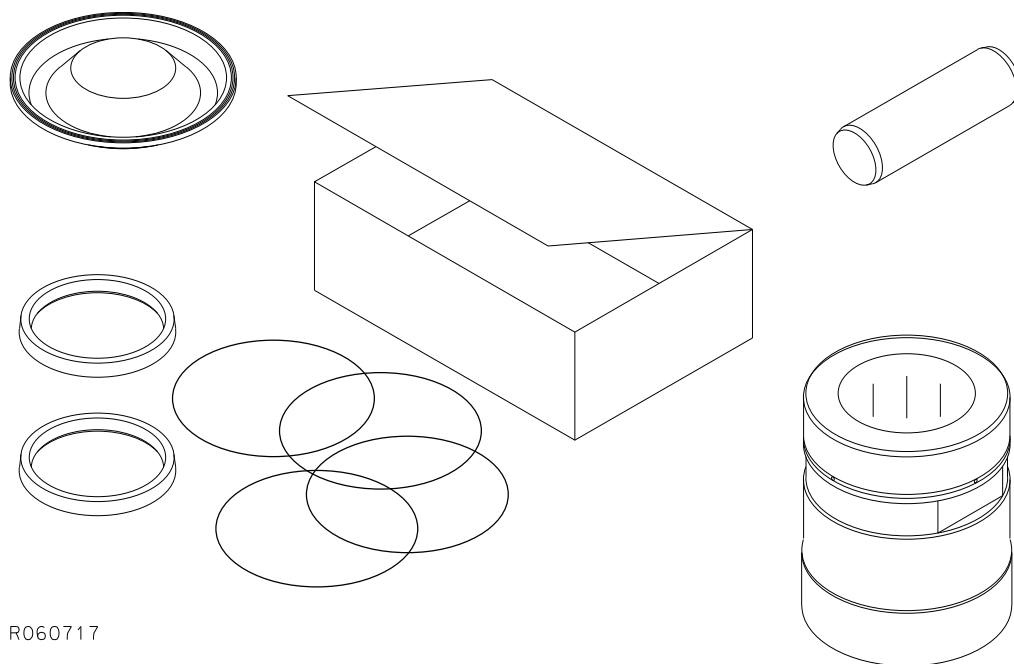
16. SERVICE KIT 2A HEAVY DUTY



R060717

Item	Description	Part no.	Specification	Note	Qty
Kit	Service kit (incl. parts 1 - 4)	K22577			1
1	Pad	300954			2
2	Buffer	301000			1
3	Wear plate	162488			4
4	Upper tool bushing	160940			1

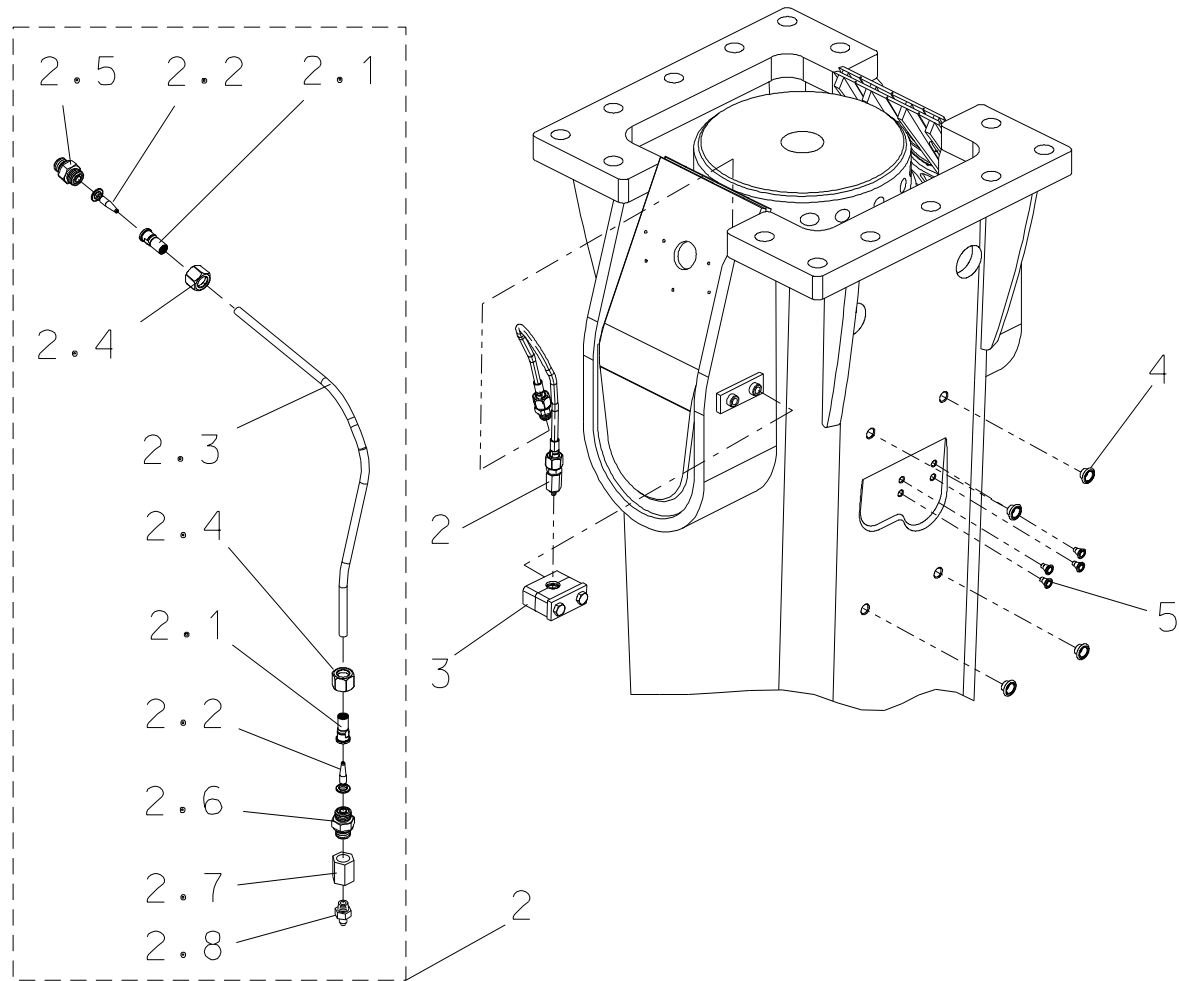
17. SERVICE KIT 2D HEAVY DUTY PRIMARY BREAKING



R060717

Item	Description	Part no.	Specification	Note	Qty
Kit	Service kit (incl. parts 1 - 4)	K2D2577			1
1	Pad	300954			2
2	Buffer	172696			1
3	Wear plate	162488			4
4	Upper tool bushing	160940			1

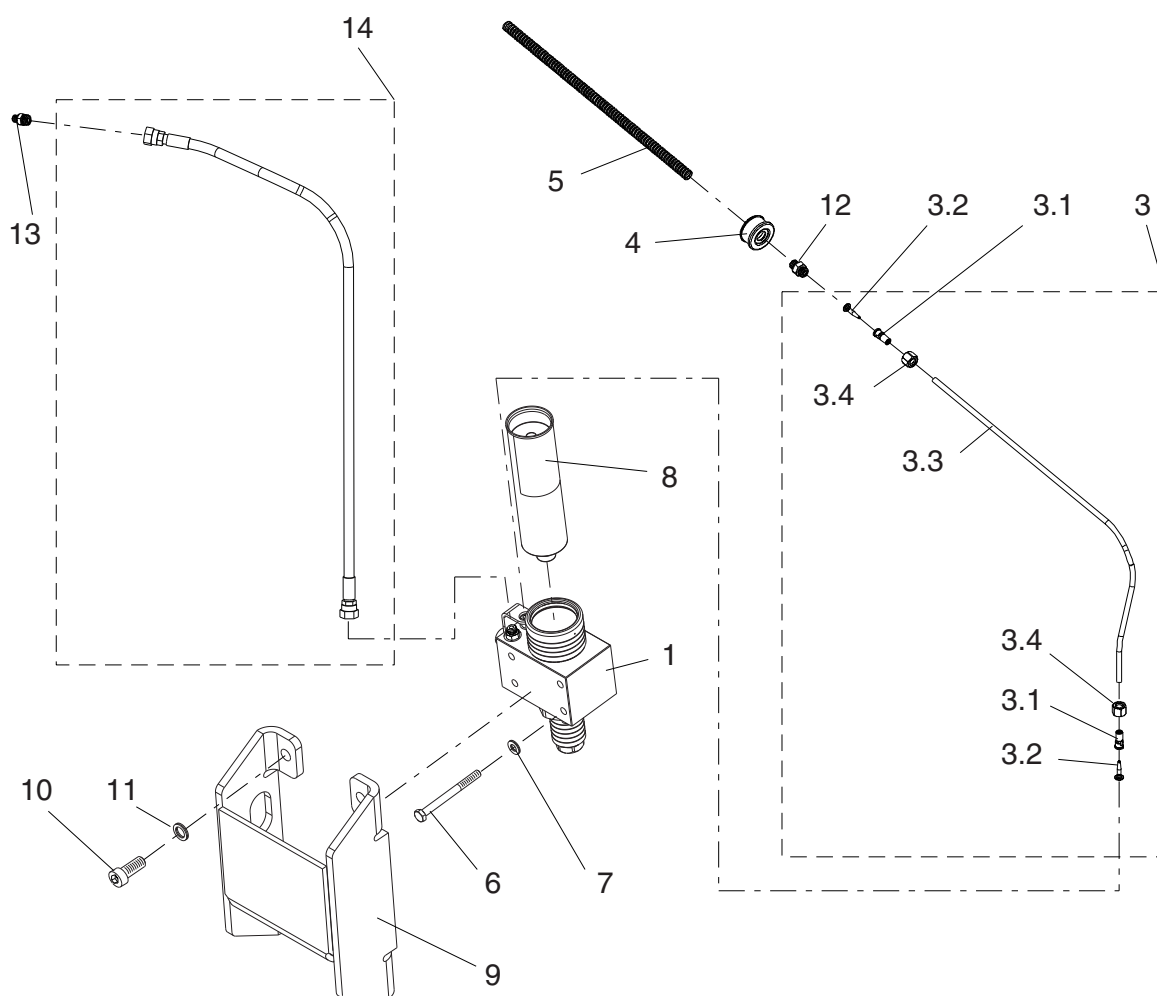
18. MANUAL GREASING HEAVY DUTY



R060973

Item	Description	Part no.	Specification	Note	Qty
2	Hose assembly (incl. parts 2.1-2.8)	162531			1
2.1	Sleeve	153035			2
2.2	Insert	153036			2
2.3	Hose	952642	L=480		1
2.4	Nut	951296			2
2.5	Connector	951295	BSPP 3/8		1
2.6	Connector	951294	BSPP 1/4		1
2.7	Adapter	952621			1
2.8	Grease nipple	90200			1
3	Pipe clamp	952664			1
4	Plug	953291			4
5	Plug	953332			4

19. GREASING DEVICE KIT HEAVY DUTY

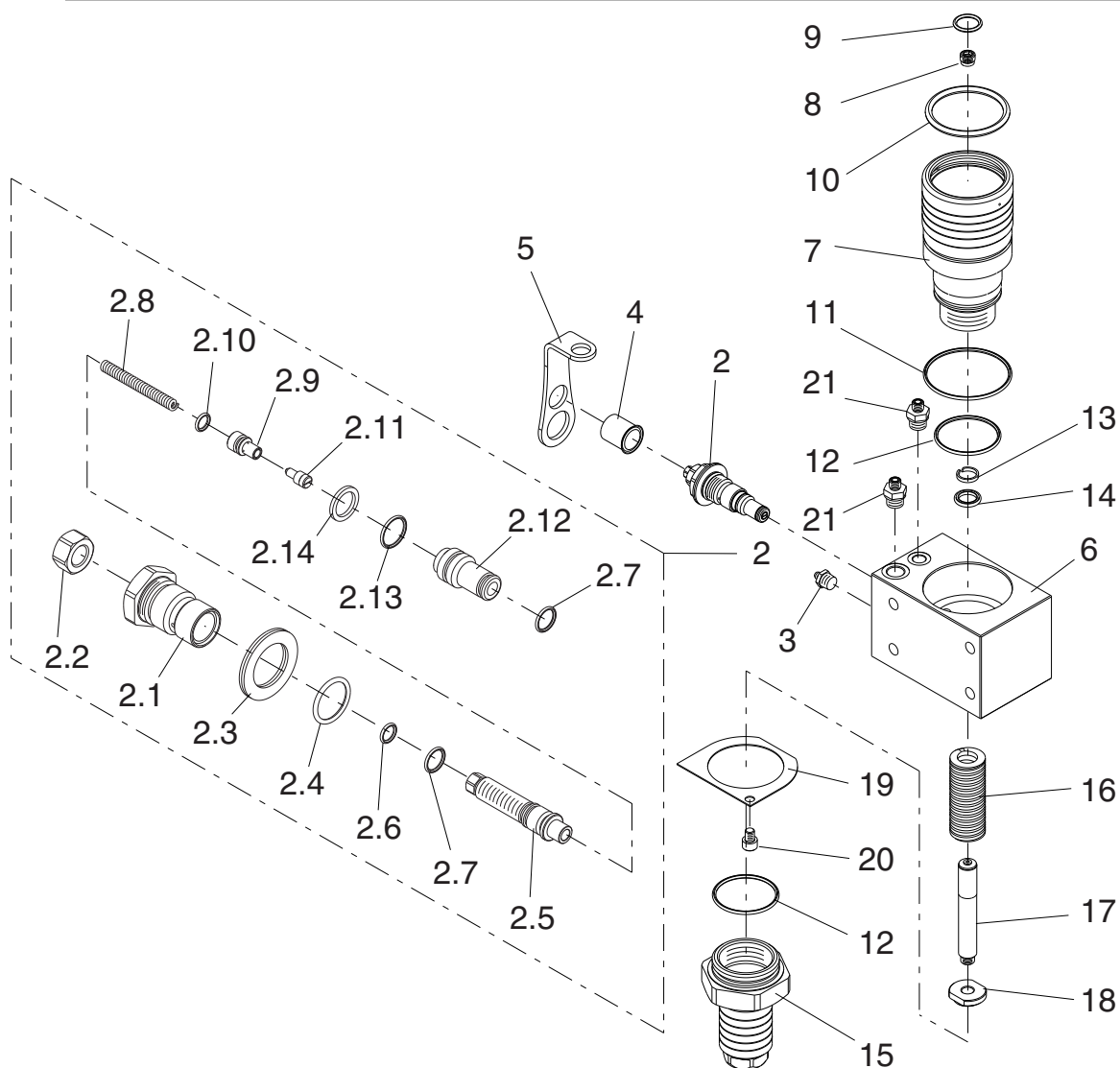


R061350

Item	Description	Part no.	Specification	Note	Qty
kit	Greasing device retrofit kit (incl. parts 1-14)	K60077			1
1	Greasing device RG541	953344			1
3	Hose assembly (incl. parts 3.1-3.4)	168872			1
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	168029			1
10	Hex. socket screw	902895	M16x35-8.8 ISO 4762		4

Item	Description	Part no.	Specification	Note	Qty
11	Lock washer	90597	M16 NORD-LOCK		4
12	Connector	951295	BSPP 3/8		1
13	Connector	951294	BSPP 1/4		1
14	Hose assembly	954817			1

20. GREASING DEVICE HEAVY DUTY



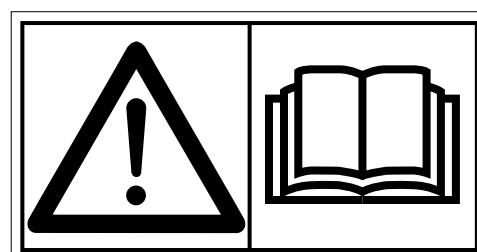
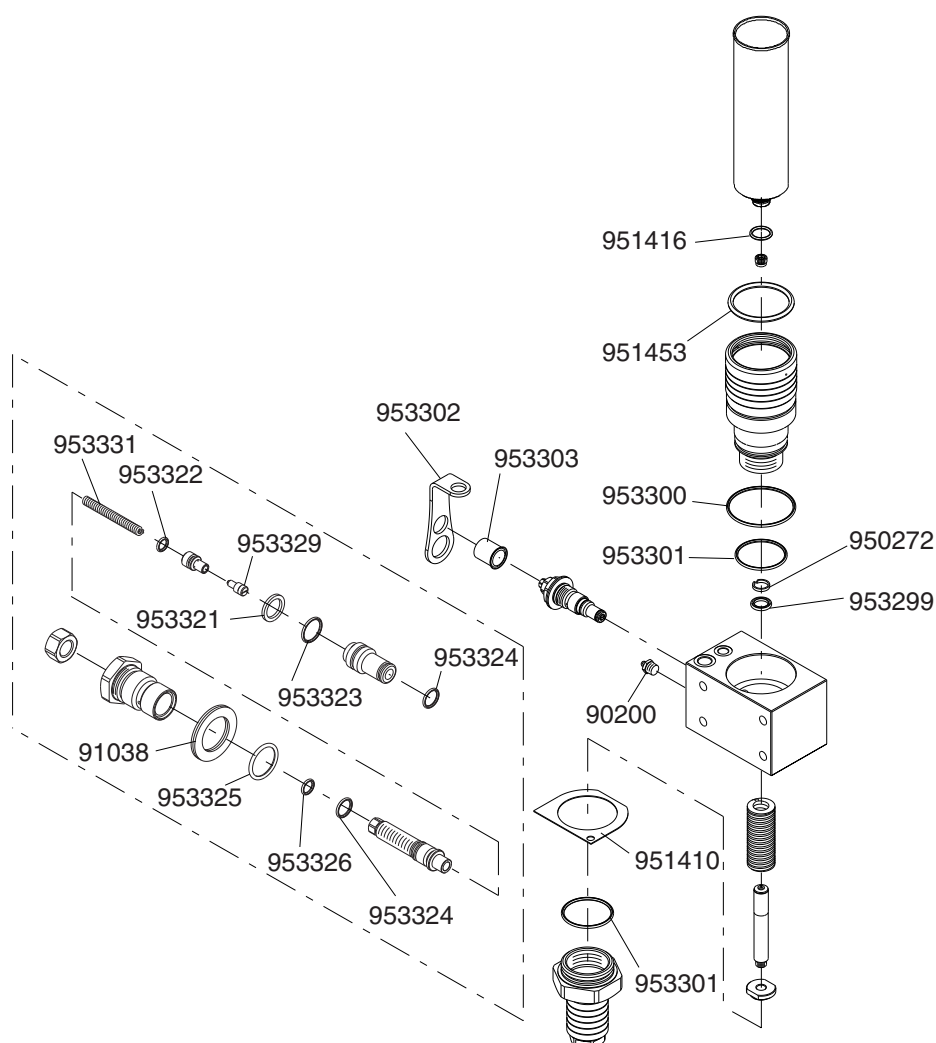
R061073

Item	Description	Part no.	Specification	Note	Qty
1	Greasing device RG541 (incl. parts 2-21)	953344			1
2	Doser (incl. parts 2.1-2.14)	173573			1
2.1	Plug	173574			1
2.2	Nut	953330	M12x1 DIN 934		1
2.3	Lock washer	91038	M24 NORD-LOCK	*	1
2.4	O-ring	953325	D21	*	1
2.5	Adjusting screw	953317			1
2.6	O-ring	953326	D8	*	1
2.7	O-ring	953324	D11	*	2
2.8	Spring	953331		*	1
2.9	Piston	173576			1
2.10	O-ring	953322	D7	*	1
2.11	Piston	953329		*	1
2.12	Body	173575			1

Item	Description	Part no.	Specification	Note	Qty
2.13	O-ring	953323	D15	*	1
2.14	Shim plate	953321		*	1
3	Grease nipple	90200	BSP 1/4	*	1
4	Plug	953303		*	1
5	Locking plate	953302			1
6	Body	953310			1
7	Cartridge holder	953309			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 HEAVY DUTY

Service kit 953385

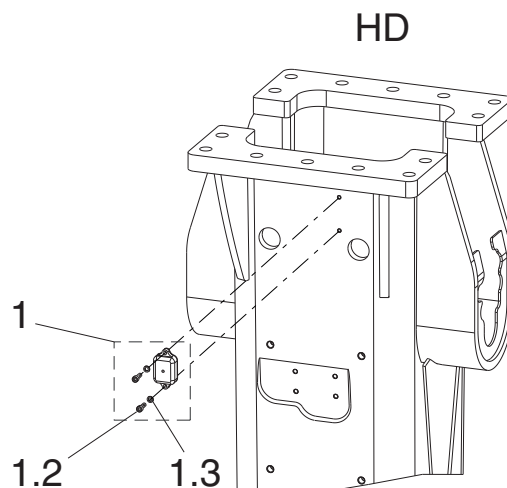


This summary only indicates the position of the seals. It must NOT be used as assembly instruction. Read the manual.

R061071

Item	Description	Part no.	Specification	Note	Qty
Kit	Service kit for greasing device (incl. parts 1-19)	953385			1
1	Lock plate	951410			1
2	Plug	953303			2
3	Guide ring	950272			1
4	Seal	953299			1
5	O-ring	953300	D71		1
6	O-ring	951453	D62		1
7	O-ring	953301	D52		2
8	O-ring	951416	D19		1
9	O-ring	953326	D8		2
10	O-ring	953325	D21		2
11	O-ring	953324	D11		4
12	O-ring	953323	D15		2
13	O-ring	953322	D7		2
14	Shim plate	953321			2
15	Spring	953331			2
16	Piston	953329			2
17	Lock washer	91038	M24 NORD-LOCK		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.				

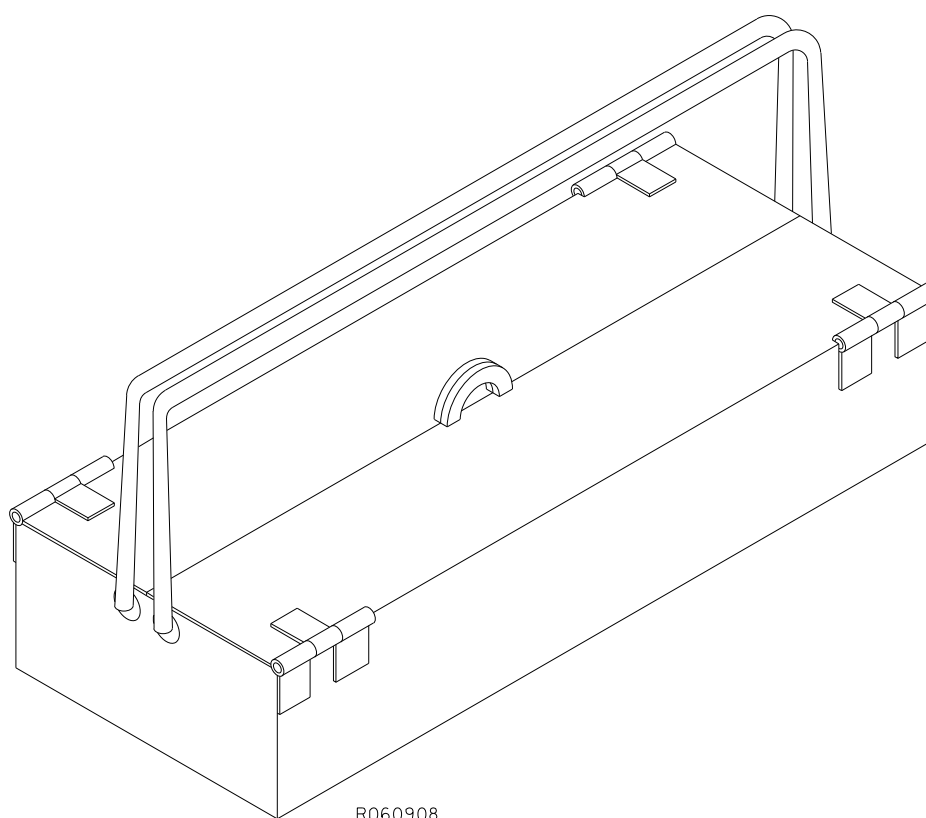
22. RAMDATA II SERVICE INDICATOR



R061143

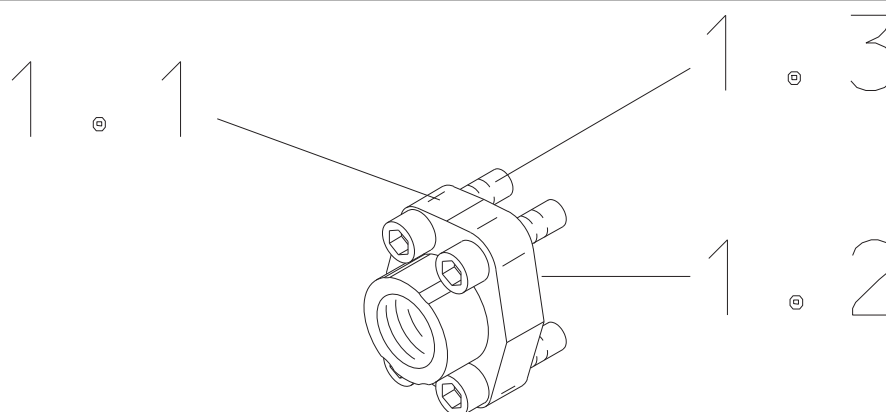
Item	Description	Part no.	Specification	Note	Qty
1	Ramdata II service indicator (incl. parts 1.2-1.3)	159143			1
1.2	Hex. socket screw	91020	M8x25- 8.8 ISO 4762		2
1.3	Lock washer	91011	M8 NORD-LOCK		2

23. TOOL BOX R1



Item	Description	Part no.	Specification	Note	Qty
Kit	Tool box R1 (incl. parts 1-13)	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		1
12	Safety glasses	N/A			1
13	Assembling screw	954194	M12x150-8.8 ISO 8677		1

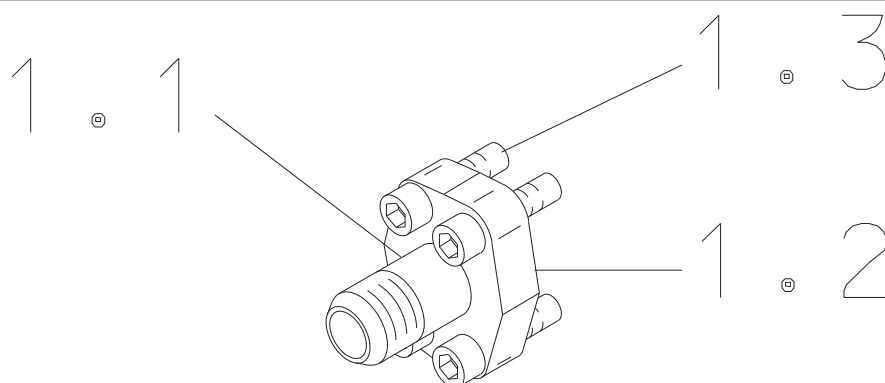
24. COUPLING SET



R061423

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

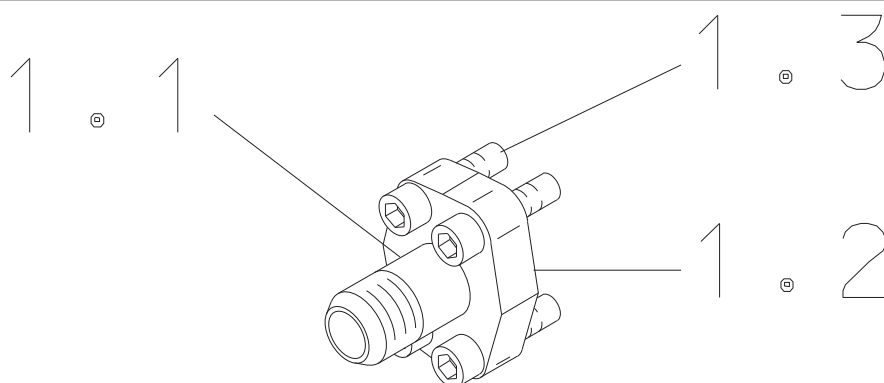
25. COUPLING SET



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

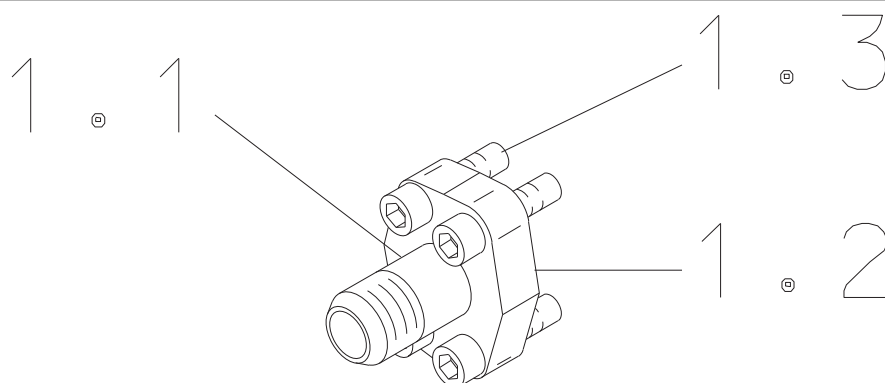
26. COUPLING SET



R061425

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 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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