

PARTS MANUAL
PMM14SJENG.B03

HYDRAULIC HAMMER
RAMMER m14
RAMMER m14 JET

Serial No.

125R10-0005-UP

125R12-0005-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

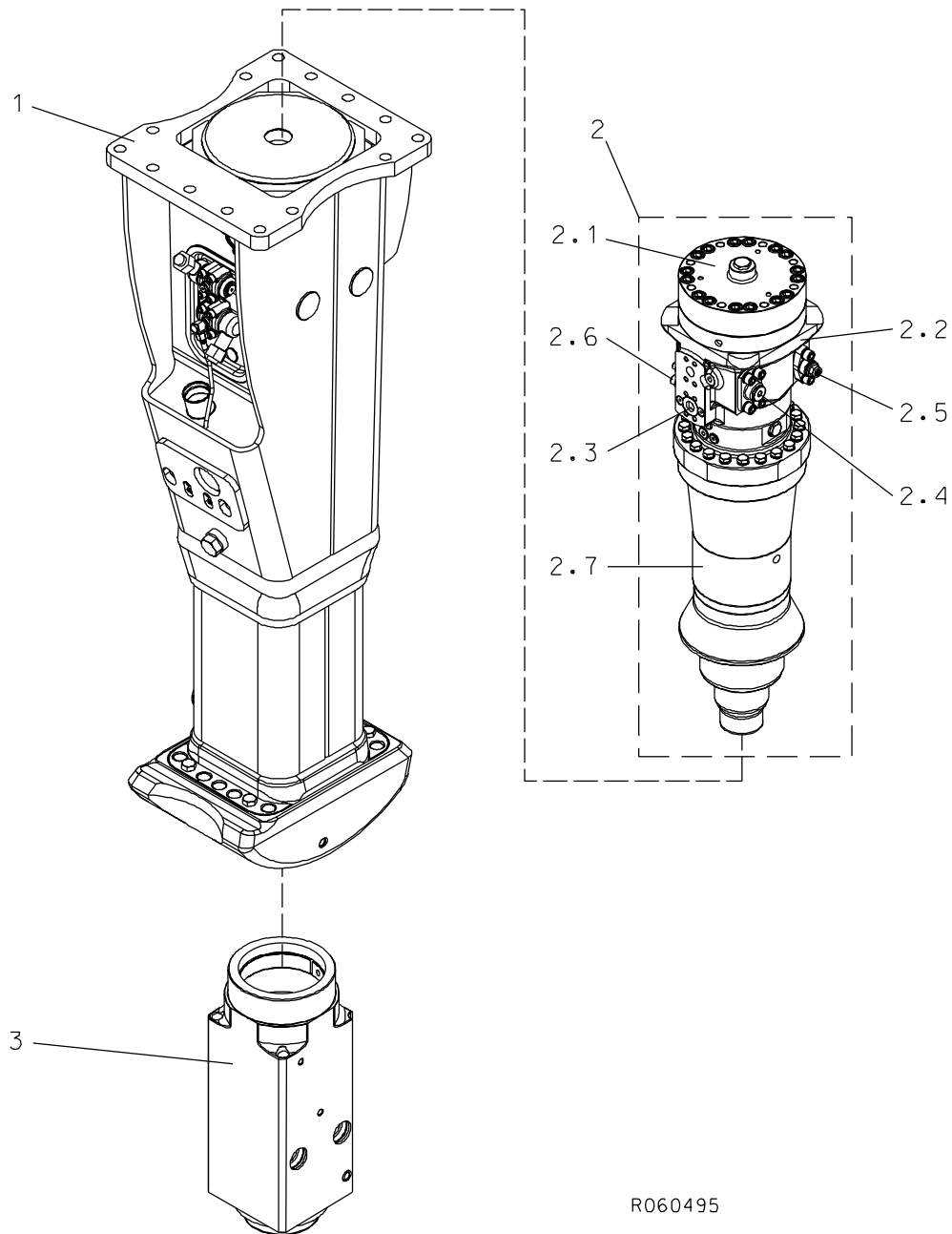
Quick spare part deliveries are secured by exact orders.

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

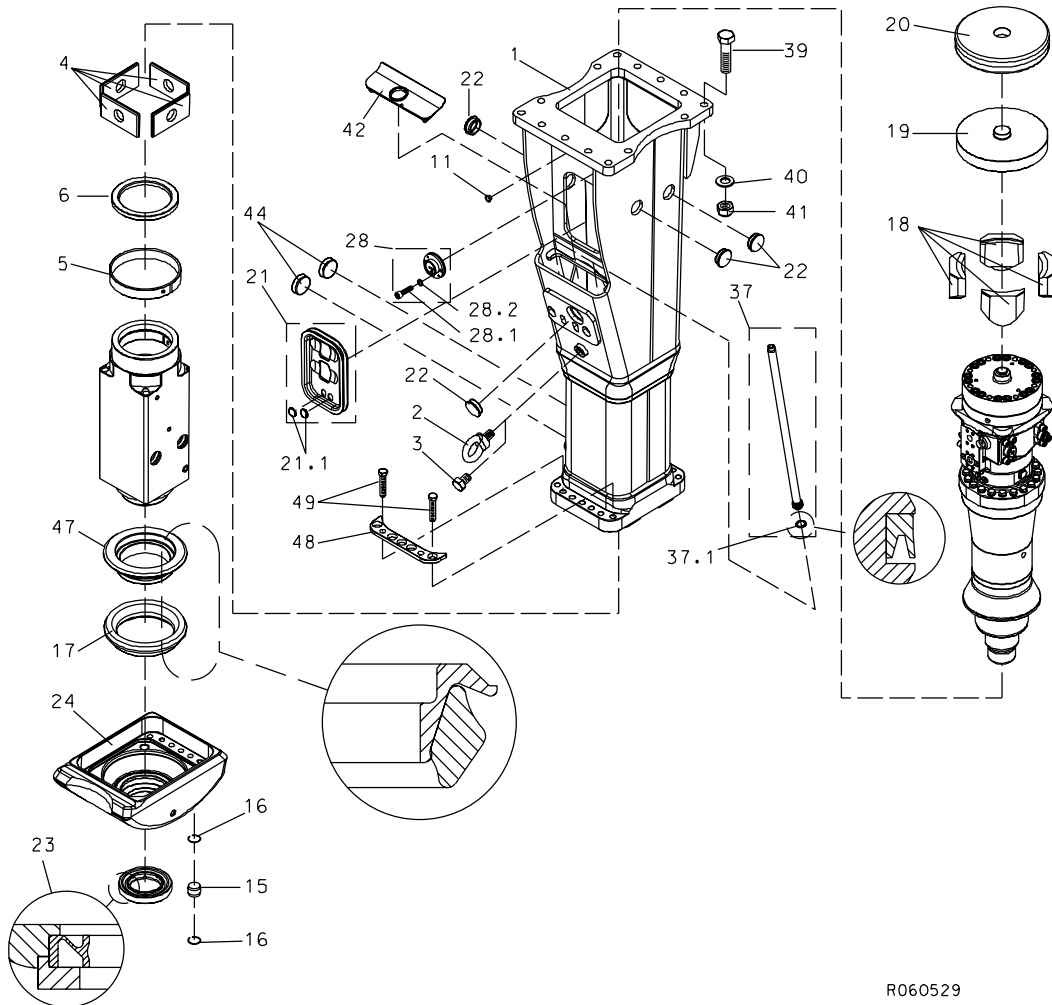
1. MODULES



MODULES

Item	Description	Part no.	Specification	Note	Qty
1	Housing module				1
2	Impact module (incl. parts 2.1-2.7)	154013			1
2.1	Accumulator				1
2.2	Main valve				1
2.3	Check valve				1
2.4	Pressure control valve				1
2.5	Stroke selector valve				1
2.6	Idle selector				1
2.7	Body parts				1
3	Tool module	154807			1

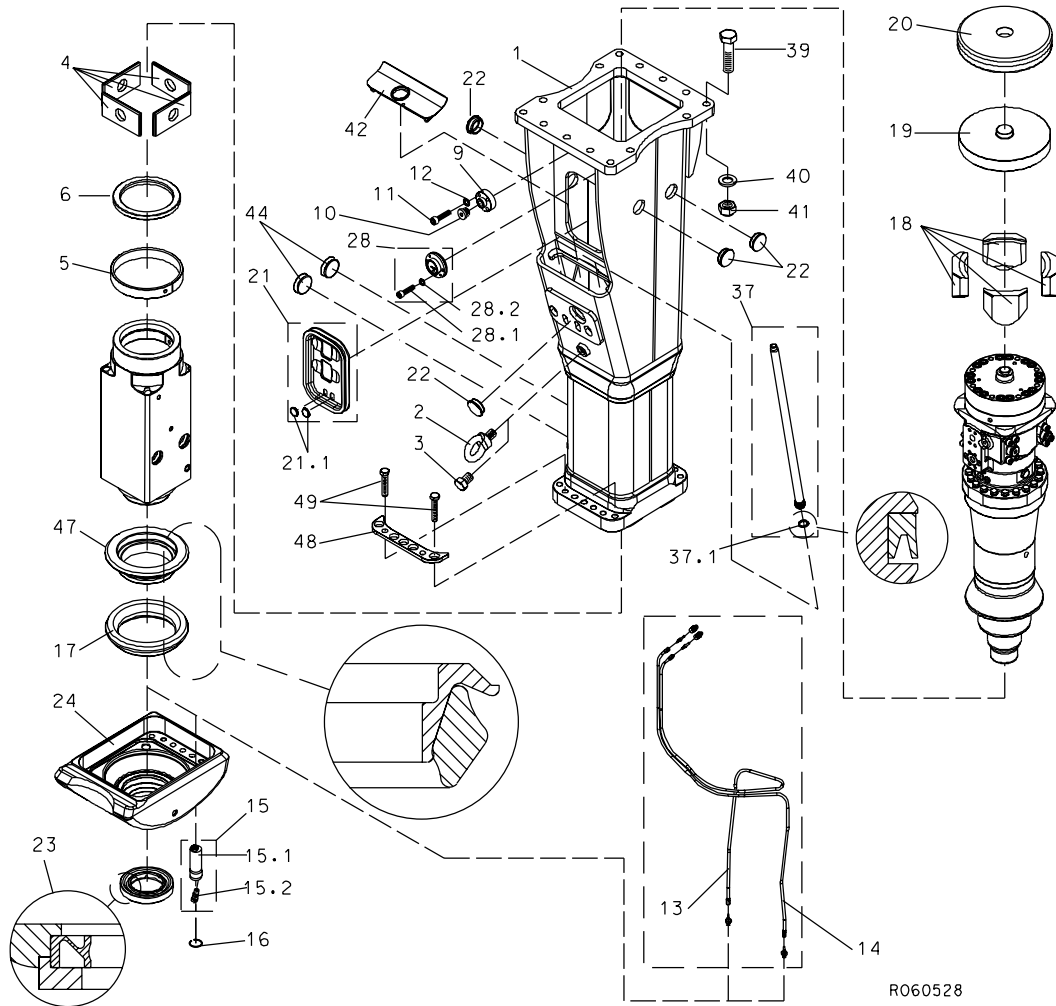
2. HOUSING MODULE



R060529

Item	Description	Part no.	Specification	Note	Qty
1	Housing (incl. parts 2-5)	153356			1
2	Lifting eye	90705	M30 DIN 580		1
3	Hex. screw	900026	M30x40-8.8 ISO 4017		1
4	Wear plate	153318			4
5	Support ring	154093			1
6	Support ring	153982			1
11	Plug	950328	M12x45-8.8 ISO 4762		3
15	Rubber plug	104530			2
16	Spring ring	90302	B30 DIN 7993		4
17	Rubber	150826			1
18	Guide	154076			4
19	Pad	154391			1
20	Buffer	154317			1
21	Shield (incl. part 21.1)	151224			1
21.1	Plug	103875			2
22	Plug	151180			4
23	Seal	153363		*	1
24	Stone claw	153322			1
28	Service indicator (incl. parts 28.1-28.2)	105656			1
28.1	Hex. socket screw	90592	M10x35-8.8 ISO 4762		3
28.2	Lock washer	91037	M10 NORD-LOCK		3
37	Spacer tube (incl. part 37.1)	154127			2
37.1	Seal	951261		*	1
39	Hex. screw	90589	M24x110-12.9 DIN 931		14
40	Washer	90511	25 DIN 6916		14
41	Lock nut	90507	M24-8 DIN 985		14
42	Shield	153369			1
44	Plug	153024			2
47	Spacer	153932			1
48	Shield plate	153317			2
49	Hex. screw	951390	M20x100-8.8 ISO 4014		14
	Label set	152875			1
	*) Are included in seal set				

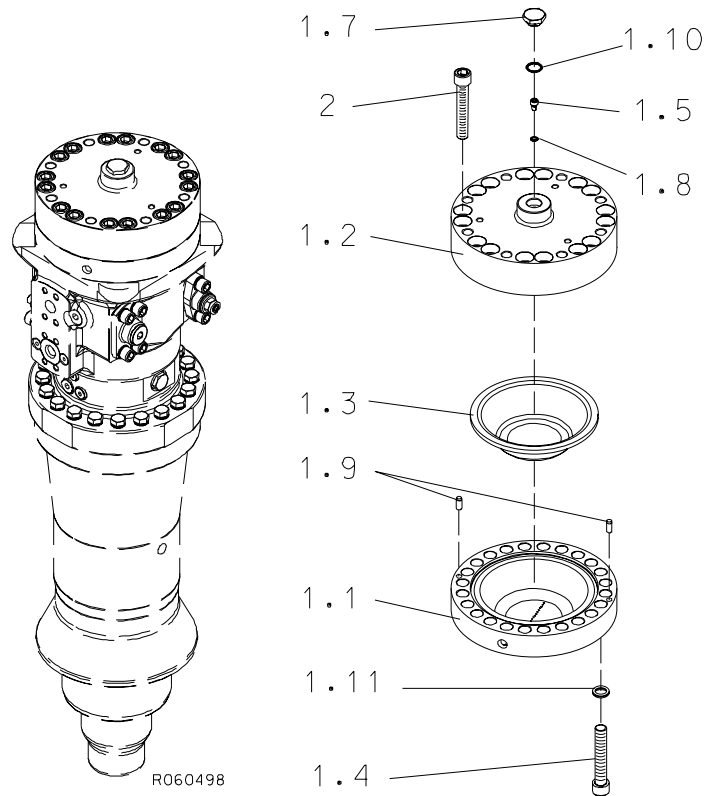
3. HOUSING MODULE JET



Item	Description	Part no.	Specification	Note	Qty
1	Housing (incl. parts 2-5)	153356			1
2	Lifting eye	90705	M30 DIN 580		1
3	Hex. screw	900026	M30x40-8.8 ISO 4017		1
4	Wear plate	153318			4
5	Support ring	154093			1
6	Support ring	153982			1
9	Flange coupling	112608			1

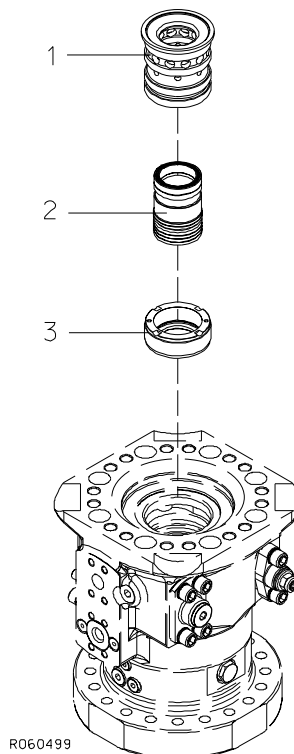
Item	Description	Part no.	Specification	Note	Qty
10	Flange plug	90424	R1/2		1
11	Hex. socket screw	901902	M12x45-8.8 ISO 4762		3
12	Lock washer	91012	M12 NORD-LOCK		3
13	Hose assembly	151491			1
14	Hose assembly	151492			1
15	Jet parts (incl. parts 15.1-15.2)	112647			2
15.1	Body	112935			1
15.2	Nozzle	113226			1
16	Spring ring	90302	B30 DIN 7993		2
17	Rubber	150826			1
18	Guide	154076			4
19	Pad	154391			1
20	Buffer	154317			1
21	Shield (incl. part 21.1)	151224			1
21.1	Plug	103875			2
22	Plug	151180			4
23	Seal	153363		*	1
24	Stone claw	153322			1
28	Service indicator (incl. parts 28.1-28.2)	105656			1
28.1	Hex. socket screw	90592	M10x35-8.8 ISO 4762		3
28.2	Lock washer	91037	M10 NORD-LOCK		3
37	Spacer tube (incl. part 37.1)	154127			2
37.1	Seal	951261		*	1
39	Hex. screw	90589	M24x110-12.9 DIN 931		14
40	Washer	90511	25 DIN 6916		14
41	Lock nut	90507	M24-8 DIN 985		14
42	Shield	153369			1
44	Plug	153024			2
47	Spacer	153932			1
48	Shield plate	153317			2
49	Hex. screw	951390	M20x100-8.8 ISO 4014		14
	Label set	152875			1
	*) Are included in seal set				

4. ACCUMULATOR



Item	Description	Part no.	Specification	Note	Qty
1	Accumulator (incl. parts 1.1-1.11)	154008			1
1.1	Accumulator bottom	150108			1
1.2	Accumulator cover	154009			1
1.3	Membrane	30190			1
1.4	Hex. socket screw	900022	M20x120-8.8 ISO 4762		8
1.5	Filling plug	40368			1
1.7	Shield plug	400300			1
1.8	USIT-ring	90056	D9	*	1
1.9	Parallel pin	90304	10x24 ISO 8734		2
1.10	O-ring	910006	D23	*	1
1.11	Lock washer	91010	M20 NORD-LOCK		8
2	Hex. socket screw	900022	M20x120-8.8 ISO 4762		16
	*) Are included in seal set				

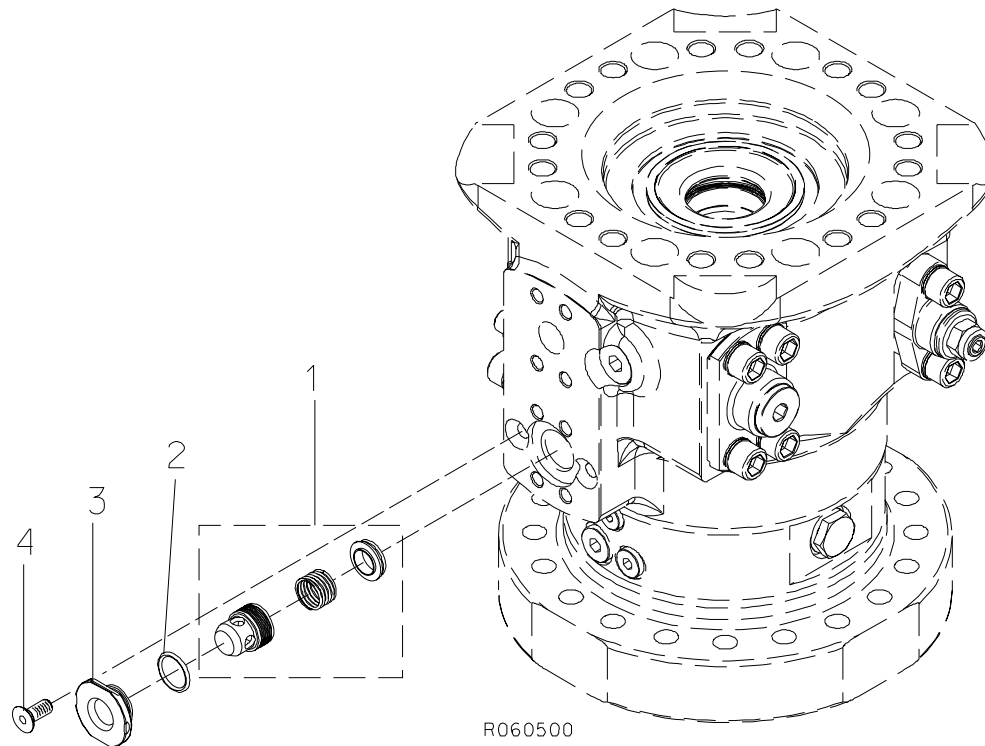
5. MAIN VALVE



Item	Description	Part no.	Specification	Note	Qty
1	Slide ring	113175			1
2	Distributor	113173			1
3	Assembly ring	113174			1

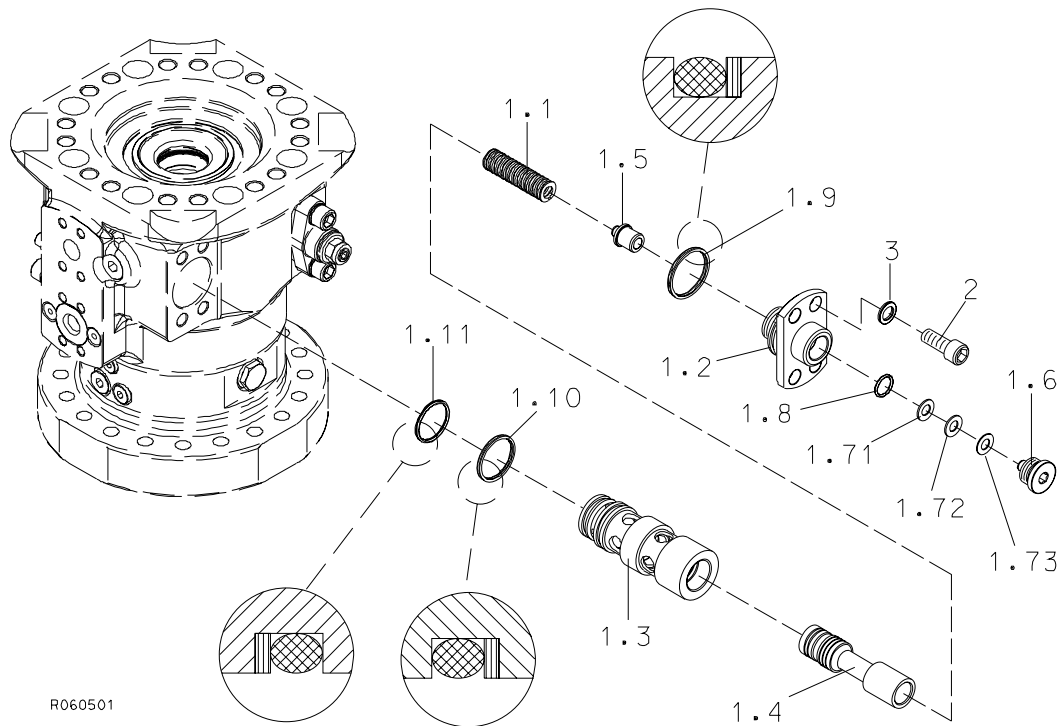
CHECK VALVE

6. CHECK VALVE



Item	Description	Part no.	Specification	Note	Qty
1	Check valve	90532			1
2	O-ring	90000	D24	*	1
3	Bushing	106150			1
4	Hex. socket screw	901286	M10x25-8.8 ISO 10642		2
	*) Are included in seal set				

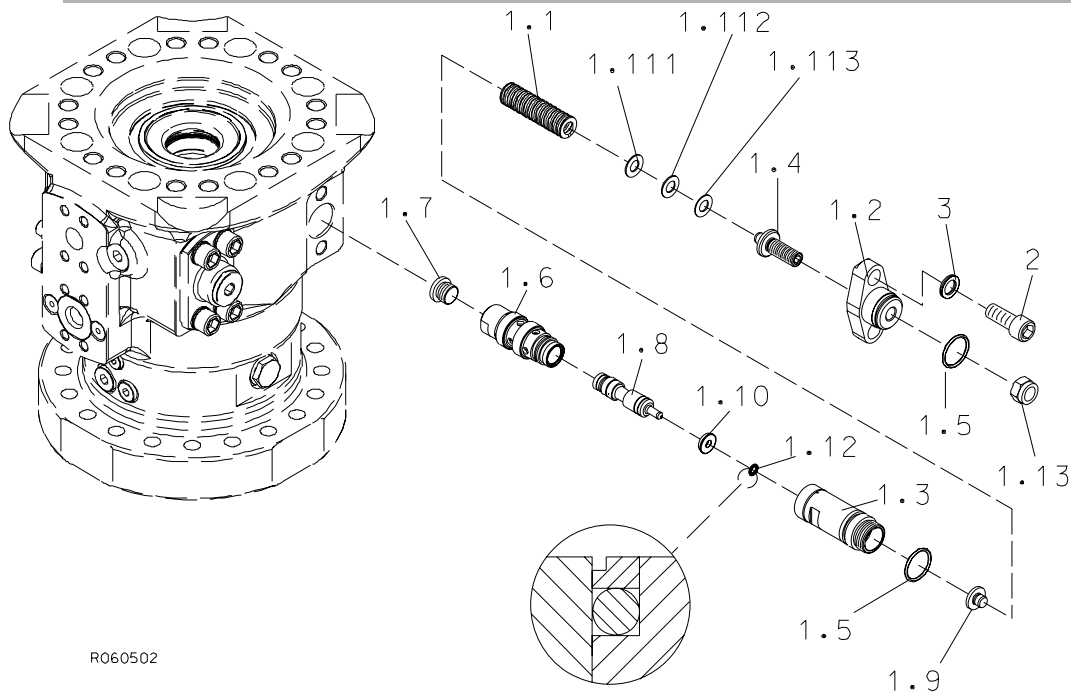
7. PRESSURE CONTROL VALVE



R060501

Item	Description	Part no.	Specification	Note	Qty
1	Pressure control valve (incl. parts 1.1-1.11)	112234			1
1.1	Spring	90104	D21		1
1.2	Cover	111806			1
1.3	Valve housing	111807			1
1.4	Spool	111808			1
1.5	Guide	112510			1
1.6	Plug	112512			1
1.71	Adjustment plate	41793			1
1.72	Adjustment plate	41794			1
1.73	Adjustment plate	42364			1
1.8	O-ring	910018	D21	*	1
1.9	Seal	41374	D55	*	1
1.10	Seal	41375	D50	*	1
1.11	Seal	41376	D45	*	1
2	Hex. socket screw	91100	M16x40-8.8 ISO 4762		4
3	Lock washer	90597	M16 NORD-LOCK		4
	*) Are included in seal set				

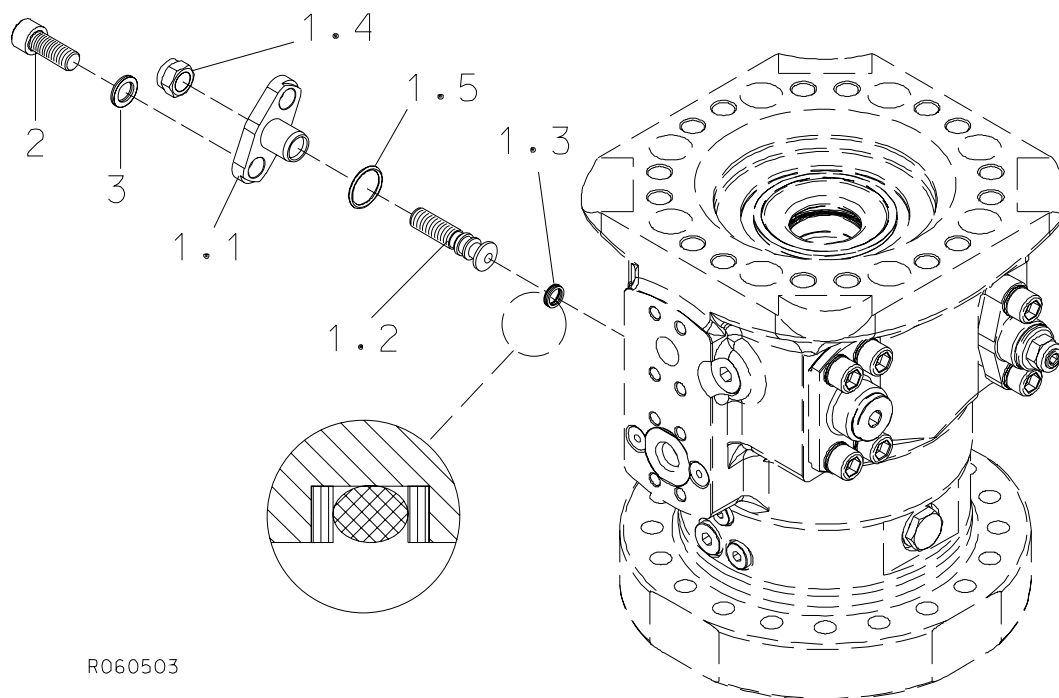
8. STROKE SELECTOR VALVE



R060502

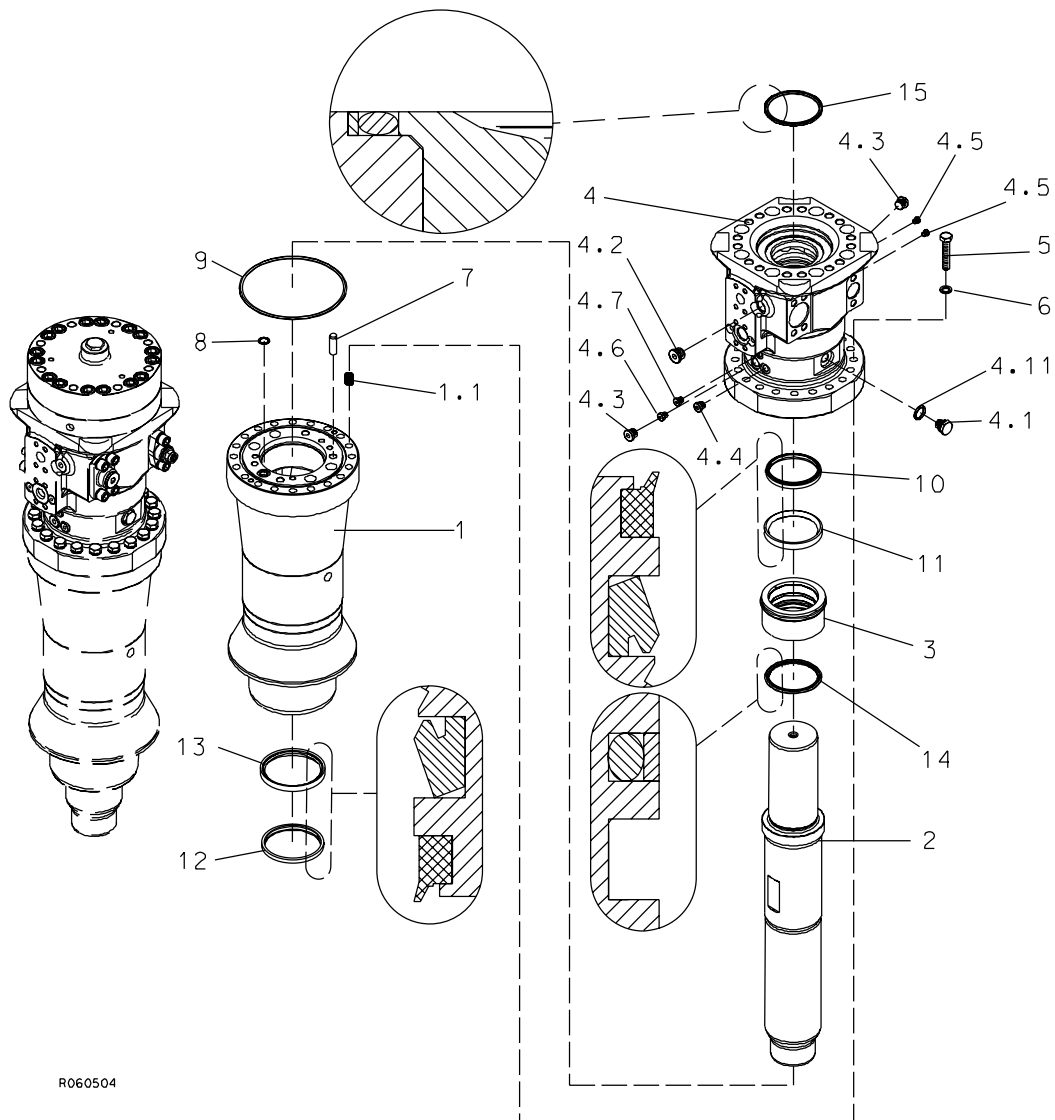
Item	Description	Part no.	Specification	Note	Qty
1	Stroke selector valve (incl. parts 1.1-1.13)	112495			1
1.1	Spring	90104	D21		1
1.2	Cover	111788			1
1.3	Spacer	112494			1
1.4	Adjusting screw	111791			1
1.5	O-ring	90004	D32	*	2
1.6	Valve housing	112496			1
1.7	Flange plug	90424	R1/2		1
1.8	Spool	111822			1
1.9	Guide	111823			1
1.10	Slide ring	112497			1
1.111	Adjustment plate	41793			1
1.112	Adjustment plate	41794			1
1.113	Adjustment plate	42364			1
1.12	Seal	903313		*	1
1.13	Nut	90548	M16-8 ISO 10511		1
2	Hex. socket screw	91100	M16x40-8.8 ISO 4762		2
3	Lock washer	90597	M16 NORD-LOCK		2
	*) Are included in seal set				

9. IDLE SELECTOR



Item	Description	Part no.	Specification	Note	Qty
1	Valve (incl. parts 1.1-1.5)	112402			1
1.1	Valve housing	150587			1
1.2	Spool	150588			1
1.3	Seal	112835	D13	*	1
1.4	Nut	90548	M16-8 ISO 10511		1
1.5	O-ring	901143	D29	*	1
2	Hex. socket screw	91100	M16x40.8.8 ISO 4762		2
3	Lock washer	90597	M16 NORD-LOCK		2
	*) Are included in seal set				

10. BODY PARTS

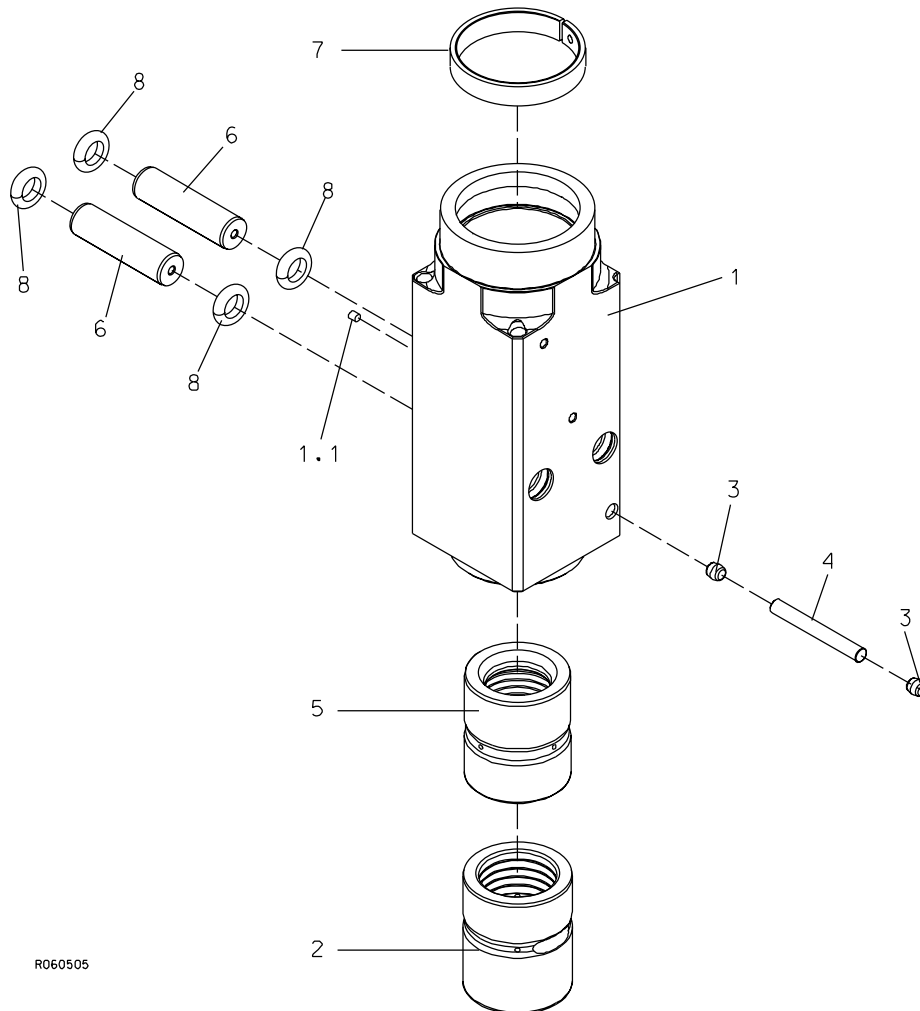


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BODY PARTS

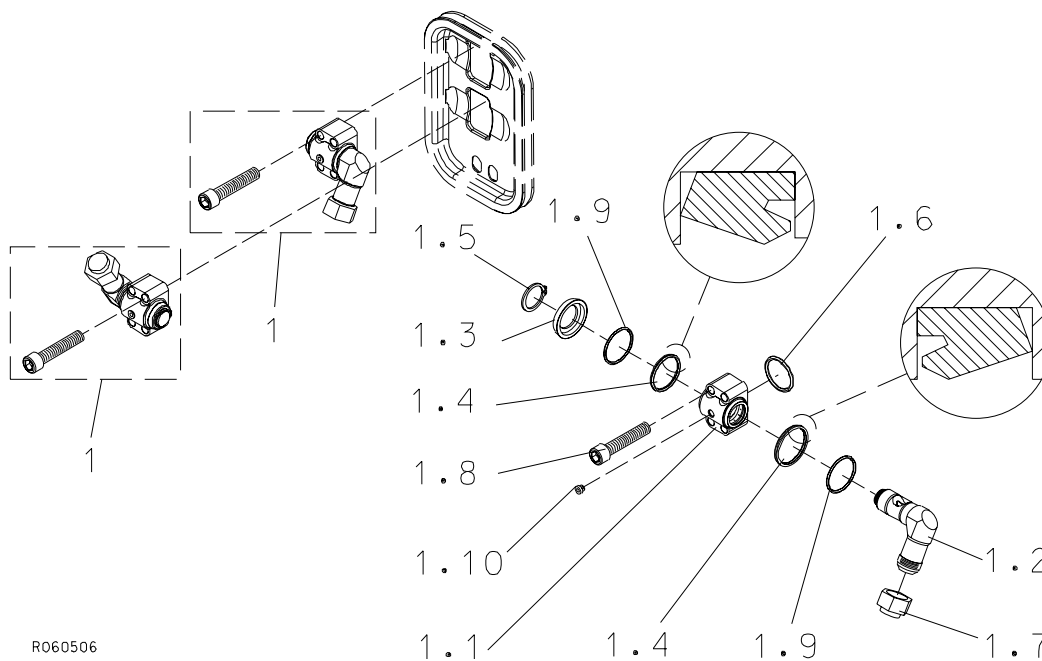
Item	Description	Part no.	Specification	Note	Qty
1	Cylinder (incl. part 1.1)	153983			1
1.1	Thread element	903329	Helicoil 4130 016 0024		20
2	Piston	152086			1
3	Seal carrier	152249			1
4	Valve body (incl. parts 4.1-4.7)	113168			1
4.1	Breather (incl. part 4.11)	101200			1
4.11	O-ring	902122	D24	*	1
4.2	Flange plug	90401	R3/4		1
4.3	Flange plug	90424	R1/2		2
4.4	Flange plug	90444	R3/8		1
4.5	Flange plug	93203	R1/8		2
4.6	Flange plug	90403	R1/4		1
4.7	Flange plug	41658			1
5	Hex. screw	90623	M16x80-8.8 ISO 4014		20
6	Lock washer	90597	M16 NORD-LOCK		20
7	Parallel pin	90317	16x50 ISO 8734		1
8	O-ring	90012	D19	*	1
9	O-ring	90076	D229	*	1
10	Wiper	911018	D110	*	1
11	Seal	902997	D110	*	1
12	Wiper	94119	D125	*	1
13	Seal	903293	D125	*	1
14	Seal	152247		*	1
15	Seal	40104		*	1
	*) Are included in seal set				

11. TOOL MODULE



Item	Description	Part no.	Specification	Note	Qty
10	Tool module (incl. parts 1-8)	154807			1
1	Front head (incl. part 1.1)	153399			1
1.1	Plug	111399			1
2	Lower tool bushing	150359			1
3	Rubber plug	104876			2
4	Retaining pin	150360			1
5	Upper tool bushing	150358			1
6	Tool retaining pin	153538			2
7	Support ring	153961			1
8	Rubber ring	153539			4

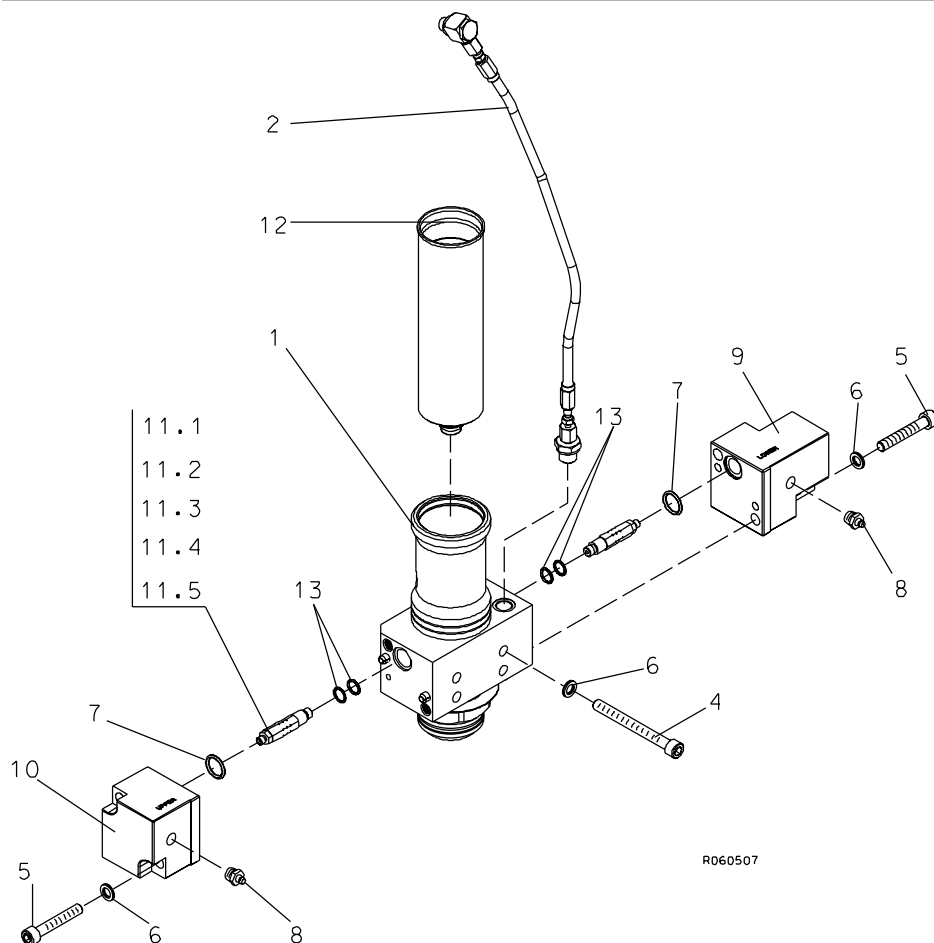
12. COUPLINGS



R060506

Item	Description	Part no.	Specification	Note	Qty
1	Swivel coupling (incl. parts 1.1-1.10)	150586			2
1.1	Body	150590			1
1.2	Manifold	150592			1
1.3	Spacer plate	150593			1
1.4	Seal	951369	D36	*	2
1.5	Retaining ring	950188	S25x2 DIN 471		1
1.6	O-ring	90010	D33	*	1
1.7	Cap	93070			1
1.8	Hex. socket screw	950201	M12x75-8.8 ISO 4762		4
1.9	O-ring	90031	D46	*	2
1.10	Flange plug	41658	R1/4		1
	*) Are included in seal set				

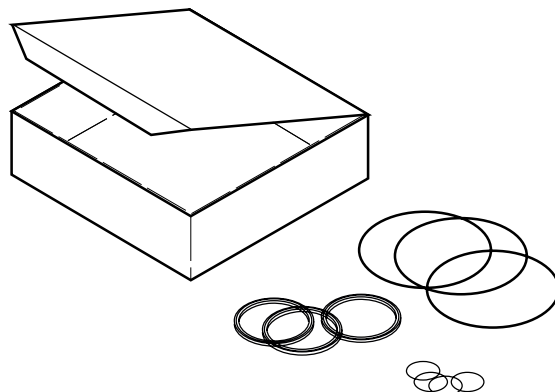
13. GREASING DEVICE



R060507

Item	Description	Part no.	Specification	Note	Qty
1	Greasing device	154245			1
2	Hose assembly	152665			1
4	Hex. socket screw	902486	M10x100-8.8 ISO 4762		4
5	Hex. socket screw	902656	M10x60-8.8 ISO 4762		4
6	Lock washer	91037	M10 NORD-LOCK		8
7	O-ring	951416	D19		2
8	Grease nipple	90200	R1/4		2
9	Spacer	154078			1
10	Spacer	154079			1
11.1	Doser	951061	B1		2
11.2	Doser	951062	B2 (standard)		2
11.3	Doser	951063	B3		2
11.4	Doser	951064	B4		2
11.5	Doser	951065	B5		2
12	Grease cartridge	951370			1
13	O-ring	951418	D11		4
Kit	Service kit for greasing device	152453	Incl. seal set and grease nipples		1

14. SEAL SET



R060012

Item	Description	Part no.	Specification	Note	Qty
Kit	Seal set (incl. parts 1-25)	154834			1
1	Seal	153363			1
2	Seal	951261			2
3	USIT-ring	90056	D9		1
4	O-ring	910006	D23		1
5	O-ring	90000	D24		1
6	O-ring	910018	D21		1
7	Seal	41374	D55		1
8	Seal	41375	D50		1
9	Seal	41376	D45		1
10	O-ring	90004	D32		2
11	Seal	903313			1
12	Seal	112835	D13		1
13	O-ring	901143	D29		1
14	O-ring	902122	D24		1
15	O-ring	90012	D19		1
16	O-ring	90076	D229		1
17	Wiper	911018	D110		1
18	Seal	902997	D110		1
19	Wiper	94119	D125		1
20	Seal	903293	D125		1
21	Seal	152247			1
22	Seal	40104			1
23	Seal	951369	D36		4
24	O-ring	90010	D33		2
25	O-ring	90031	D46		4

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