



HYDRAULIC HAMMER

RAMMER 111

STD

Serial No.

111A0005-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

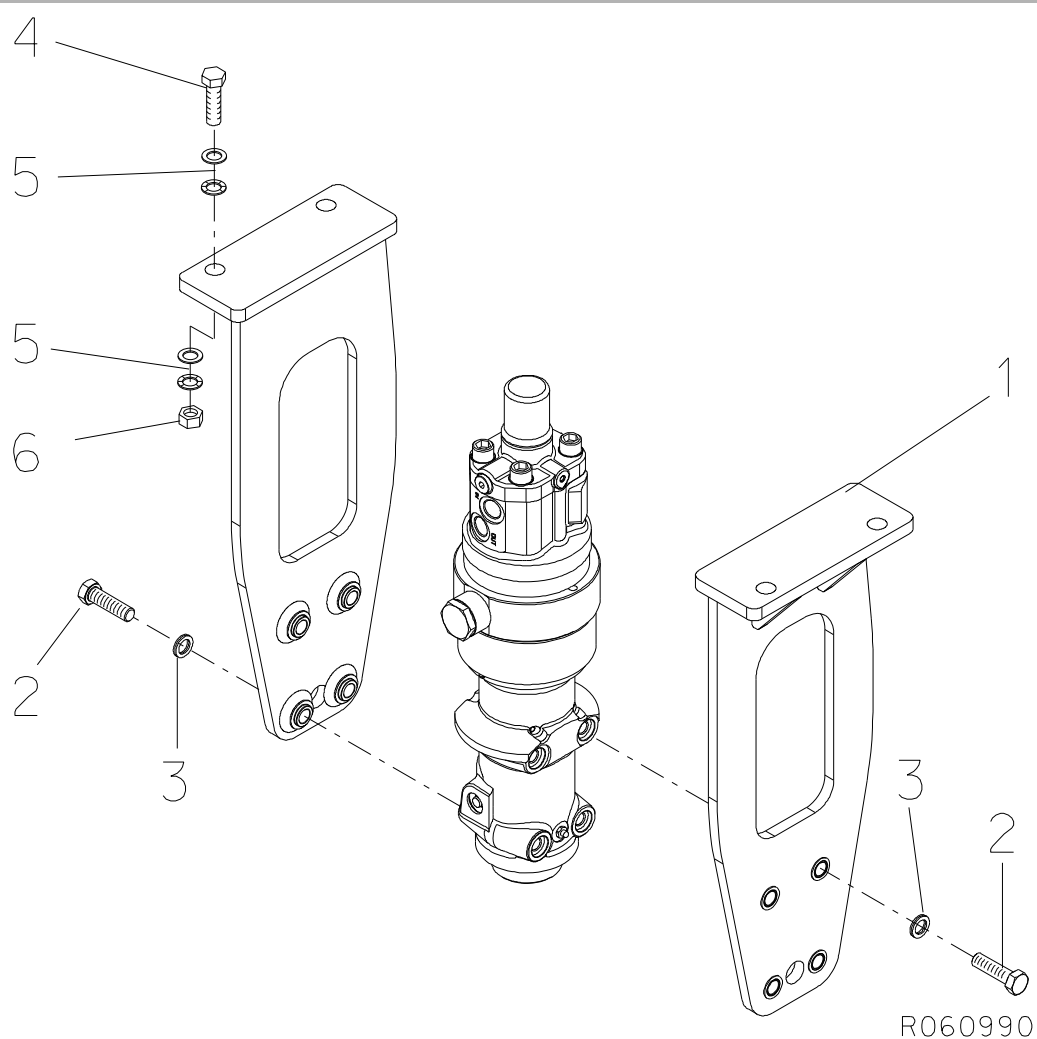
Quick spare part deliveries are secured by exact orders.

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

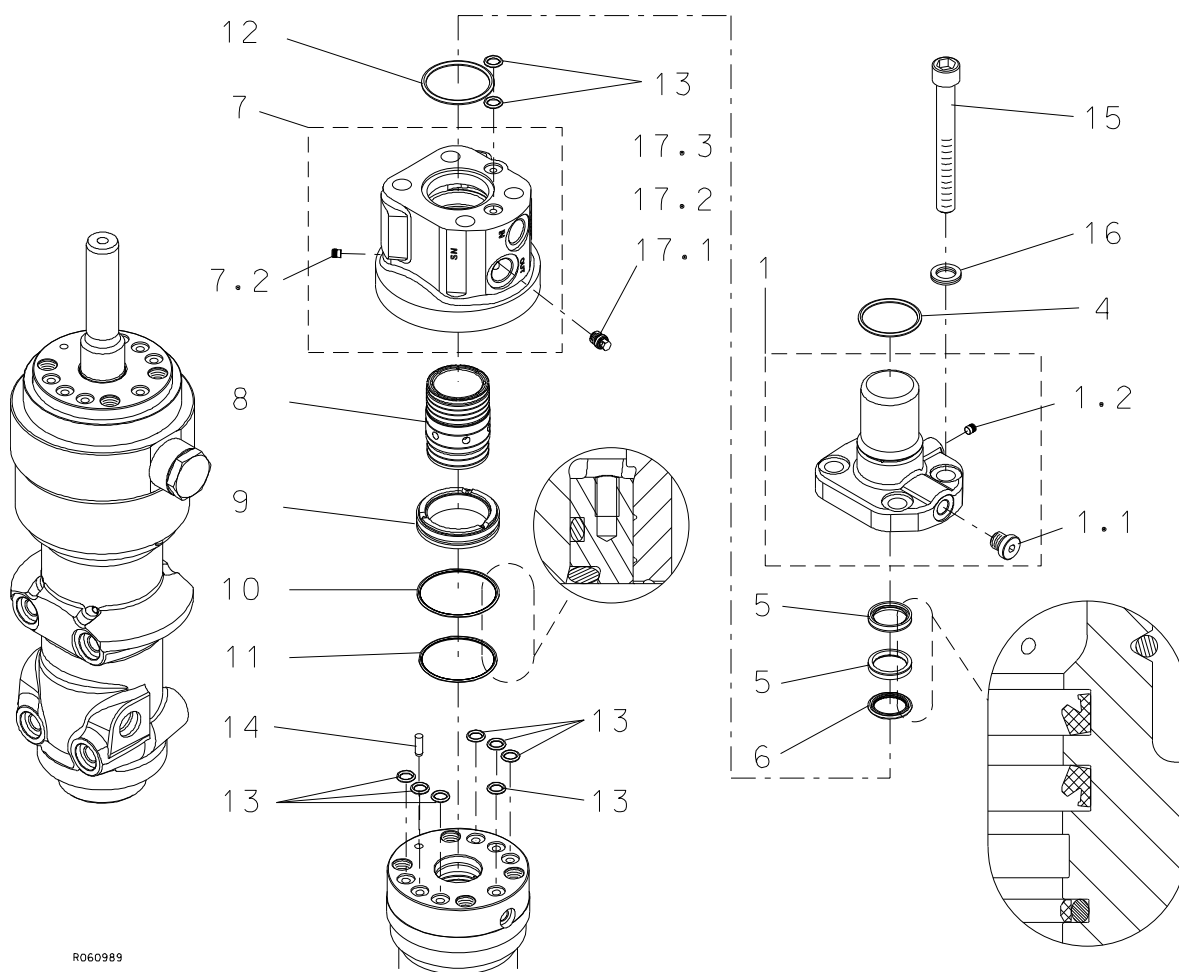
1. HOUSING UNIT



R060990

Item	Description	Part no.	Specification	Note	Qty
1	Housing plates	165341			1
2	Hex. screw	952075	M14x50-10.9 ISO 4017		8
3	Lock washer	901310	M14 NORD-LOCK		8
4	Hex. screw	90544	M16x60-8.8 ISO 4762		4
5	Lock washer	90597	M16 NORD-LOCK		8
6	Nut	91000	M16-8 ISO 4032		4
20	Label set (incl. part 21)	170447			1
21	Safety label set	169410	English		1

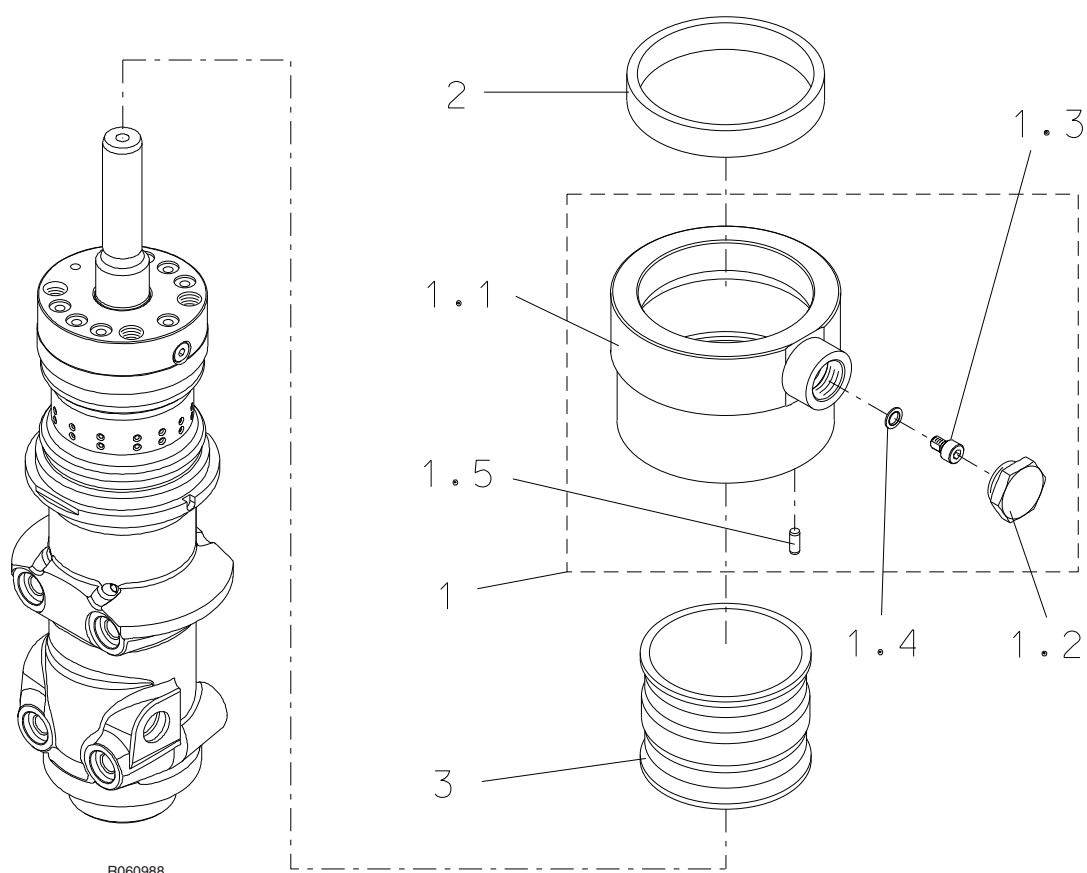
2. VALVE BODY AND DISTRIBUTOR



Item	Description	Part no.	Specification	Note	Qty
1	Cover (incl. parts 1.1-1.2)	157829			1
1.1	Flange plug	90403	R1/4		1
1.2	Plug	915028			1
4	O-ring	910019	D42	*	1
5	Seal	952061		*	2
6	Seal	157831		*	1
7	Valve body (incl. part 7.2)	157818			1
7.2	Plug	915028			1
8	Distributor	165731			1
9	Steering ring	157839			1
10	O-ring	952229	D58	*	1
11	O-ring	94038	D55	*	1
12	O-ring	90044	D50	*	1
13	O-ring	901199	D9	*	9
14	Parallel pin	90371	6m6x18 ISO 8734		1
15	Hex. socket screw	952241	M14x120-10.9 ISO 4762		4
16	Lock washer	901310	M14 NORD-LOCK		4

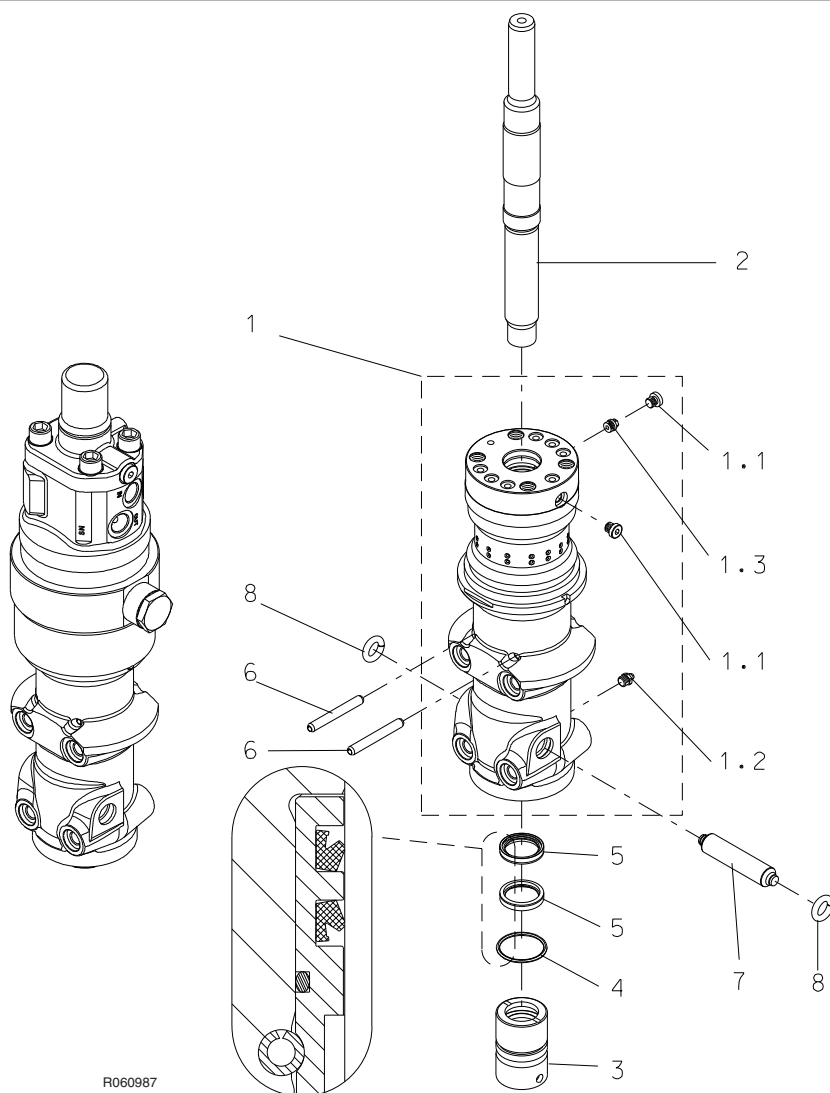
Item	Description	Part no.	Specification	Note	Qty
17.1	Nozzle kit 1	166373	Incl. nozzles D2.0, D2.2, D2.4 and D0		1
17.2	Nozzle kit 2	166378	Incl. nozzles D2.6, D2.8, D3.0, D3.2 and D0		1
17.3	Nozzle kit 3	166381	Incl. nozzles D3.4, D3.6, D3.8 and D0		1
	* Included in seal set				

3. ACCUMULATOR



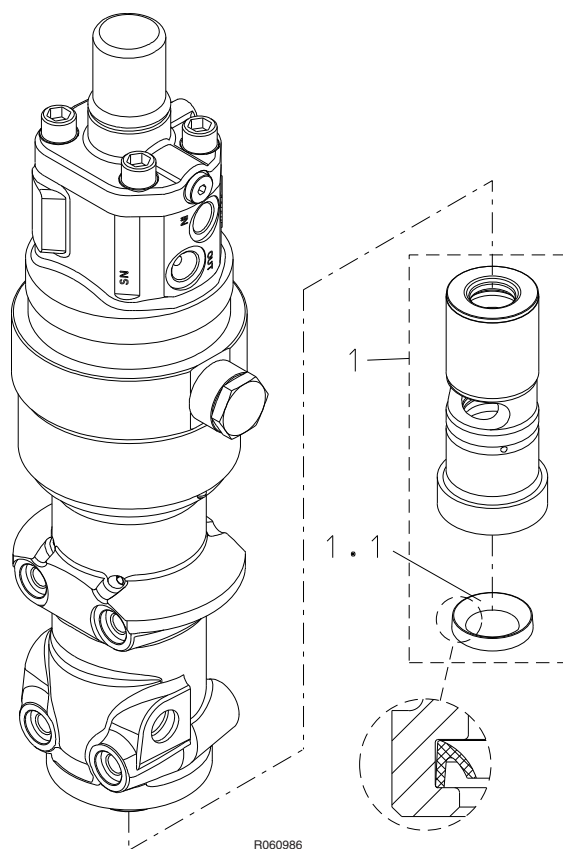
Item	Description	Part no.	Specification	Note	Qty
1	Accumulator (incl. parts 1.1-1.5)	159816			1
1.1	Body	157823			1
1.2	Shield plug	400300			1
1.3	Filling plug	42074			1
1.4	Usit-ring	90056	8-13.9-1	*	1
1.5	Split pin	90327	6x17 ISO 8750		1
2	Support ring	157827			1
3	Membrane	157850			1

4. BODY PARTS



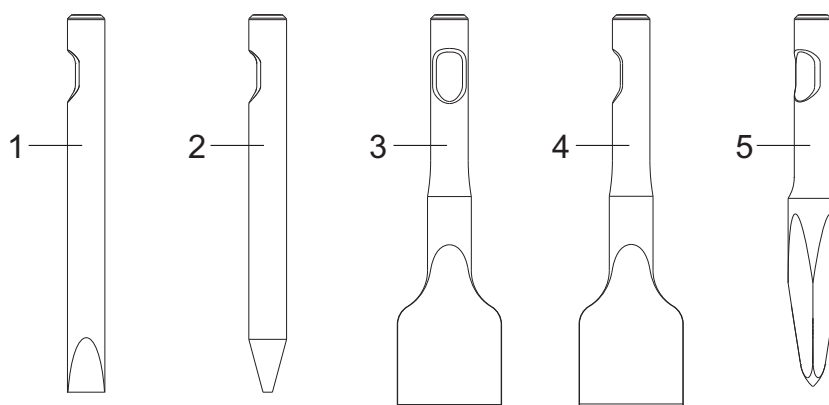
Item	Description	Part no.	Specification	Note	Qty
1	Cylinder (incl. parts 1.1-1.3)	159398			1
1.1	Flange plug	93203	R1/8		2
1.2	Grease nipple	90201	R1/8		1
1.3	Nozzle	159756			1
2	Piston	157822			1
3	Seal carrier	157821			1
4	O-ring	910019	D42	*	1
5	Seal	952060		*	2
6	Split pin	952065	8x70 ISO 8752		2
7	Tool retaining pin	159514			1
8	Rubber ring	157837		*	2

5. LOWER TOOL BUSHING



Item	Description	Part no.	Specification	Note	Qty
1	Lower tool bushing (incl. part 1.1)	159513			1
1.1	Seal	157834		*	1

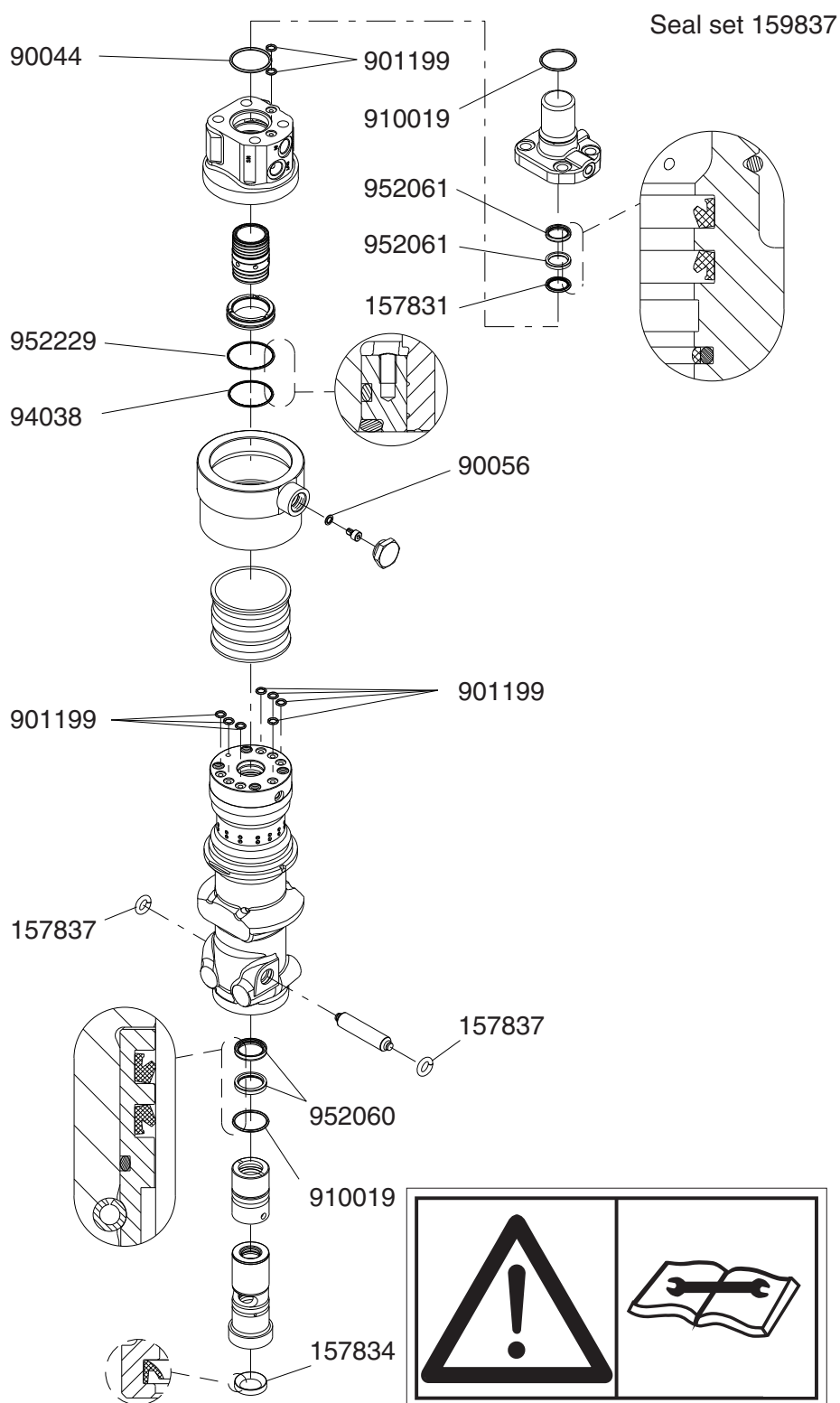
6. TOOL



R061230

Item	Description	Part no.	Specification	Note	Qty
1	Chisel	BH401	L = 360 mm, W = 2.7 kg, D = 36 mm		1
2	Moil point	BH403	L = 360 mm, W = 2.6 kg, D = 36 mm		1
3	Spade, parallel to boom	BH405	L = 380 mm, W = 3.2 kg, Width = 100 mm		1
4	Spade, transverse to boom	BH406	L = 380 mm, W = 3.2 kg, Width = 100 mm		1
5	Pyramid	BH403K3	L=360 mm, W=2.9 kg, D=36 / 48 mm		1

7. SEAL SET

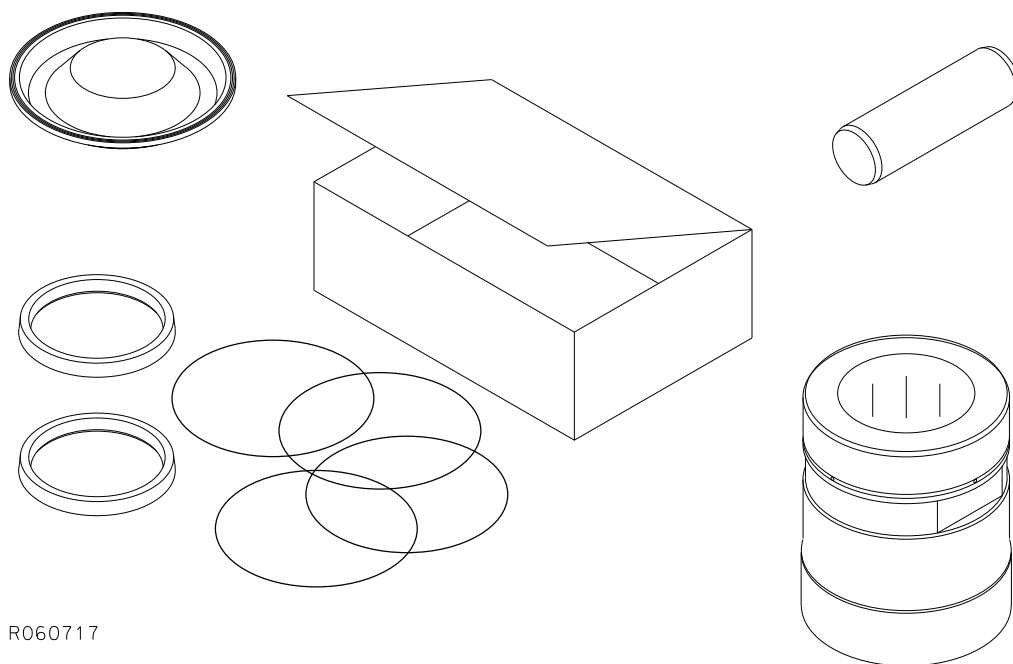


This summary only indicates the position of the seals. It must NOT be used as assembly instruction. Read the service manual. Notice! Assembly must be performed by qualified service personnel only.

R060859

Item	Description	Part no.	Specification	Note	Qty
Kit	Seal set (incl. parts 1-11)	159837			1
1	O-ring	910019	D42		2
2	Seal	952061			2
3	Seal	157831			1
4	O-ring	952229	D58		1
5	O-ring	94038	D55		1
6	O-ring	90044	D50		1
7	O-ring	901199	D9		9
8	Seal	952060			2
9	Usit-ring	90056	8-13.9-1		1
10	Seal	157834			1
11	Rubber ring	157837			2

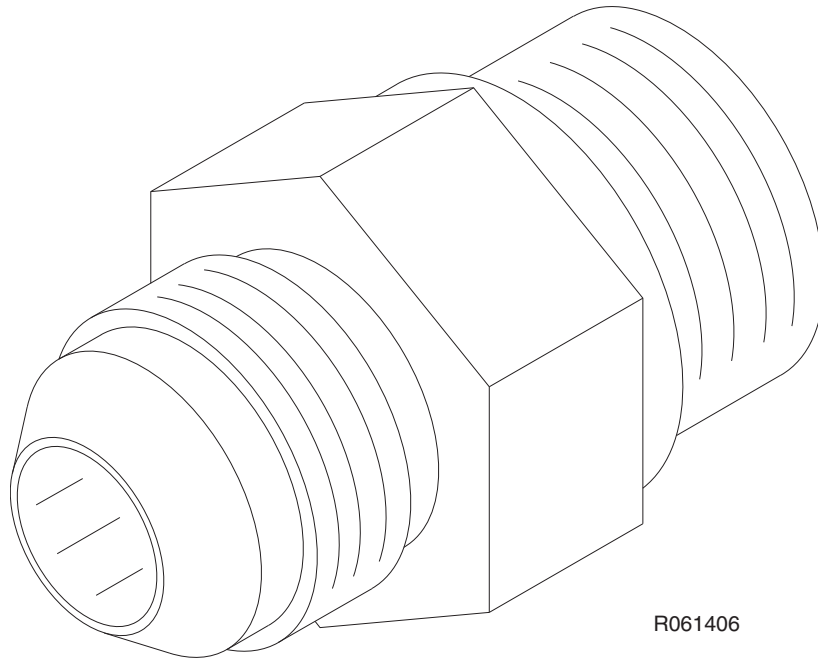
8. SERVICE KIT



R060717

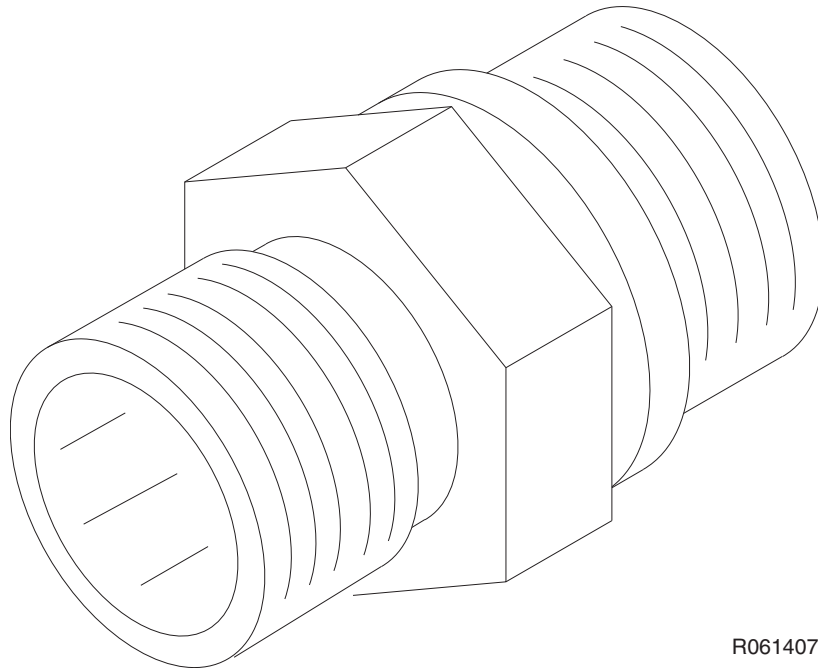
Item	Description	Part no.	Specification	Note	Qty
Kit	Service kit (incl. parts 1 - 4)	K1BH40			1
1	Membrane	157850			1
2	Tool retaining pin	159514			1
3	Lower tool bushing	159513			1
4	Seal set	159837			1

9. ADAPTER



Item	Description	Part no.	Specification	Note	Qty
1	Adapter	400501	JIC 8, UNF 3/4-16 - BSP 1/2		2

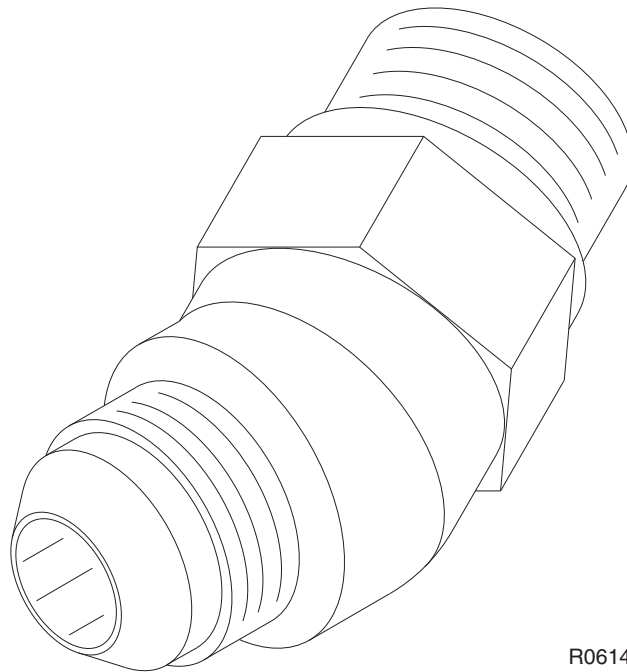
10. COUPLING



R061407

Item	Description	Part no.	Specification	Note	Qty
1	Coupling	400530	BSP 1/2 - BSP 1/2		2

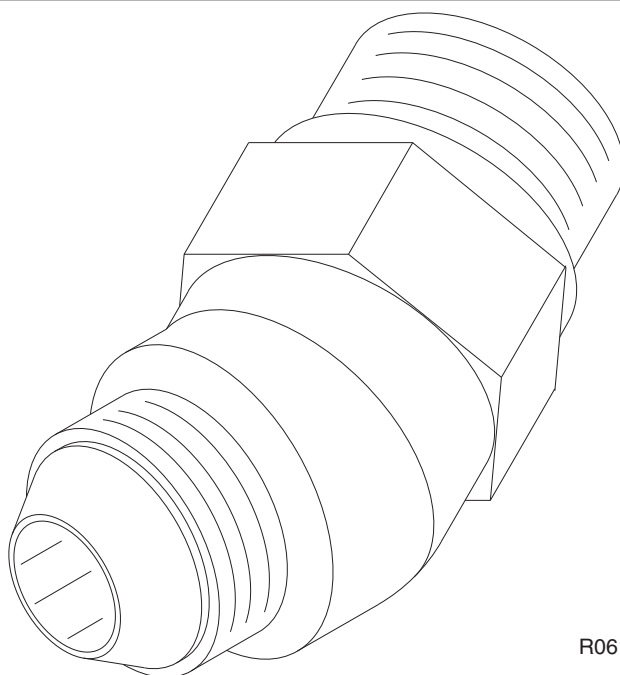
11. ADAPTER



R061408

Item	Description	Part no.	Specification	Note	Qty
1	Adapter	400541	JIC 10, UNF 7/8-14 - BSP 1/2, 45°		2

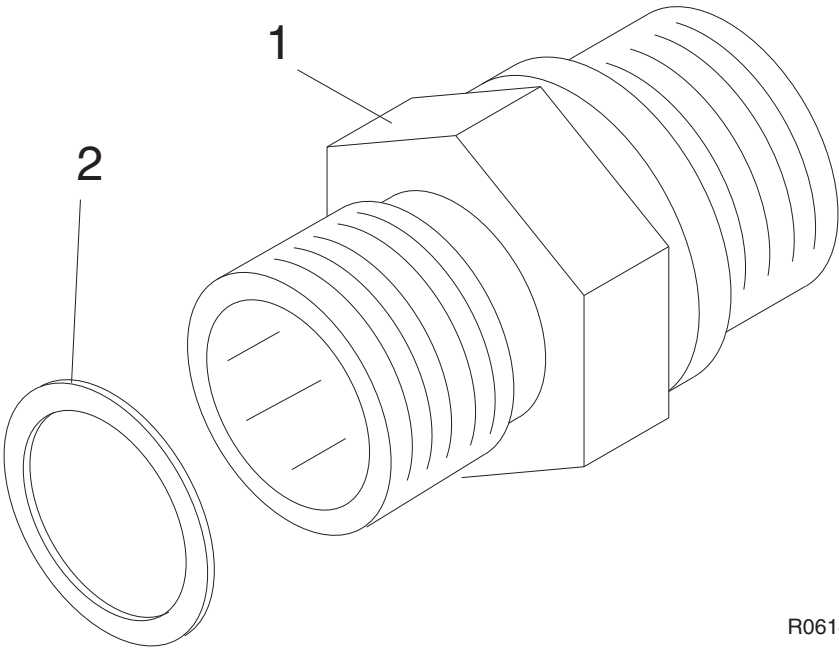
12. ADAPTER



R061409

Item	Description	Part no.	Specification	Note	Qty
1	Adapter	400506	JIS 1/2 - BSP 1/2, 45°		2

13. ADAPTER



R061410

Item	Description	Part no.	Specification	Note	Qty
1	Adapter	915082	BSP 1/2 - BSP 1/2		2
2	Usit-ring	911041			2



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