



MAINTENANCE INSTRUCTIONS FOR PNEUMATIC HAMMER

LRK6 PEA KK

Read the Instructions for the Use of Pneumatic Pick Hammers:
SK5, LRK7, LRK8, SRK 12, SRK 17,
ECO 17, ECO 20, ECO 23

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1. Maintenance, Cleaning and Lubrication

Only qualified and trained service staff are allowed to perform maintenance, service and repairs at sites that provide all the necessary technical and expert equipment.

Regular and careful cleaning is required to provide the required power and safety assurance for the pneumatic breaker functioning. Disassemble and clean the pneumatic hammer. Change all parts that are damaged or worn out. Tighten the screw connections.

This needs to be done at least once each month.

Regular lubrication prevents corrosion development, reduces wear and prolongs the life of hammer. For proper Lubrication Air Line Lubricator MAZ 2 is recommended.

For lubrication, apply pneumatic machine oil which is suitable for operation at a temporary ambient temperature as specified in the table below:

Ambient Temperature	Viscosity (ISO 3448)
- 30 to 0	ISO VG 32 - 68
-10 to +20	ISO VG 68-100
+10 to +50	ISO VG 100-150

When the hammer has been out of operation for a longer time, fill about 1 cm³ oil into air connection. Then put the hammer slowly into operation to allow oil to sufficiently and evenly lubricate all sliding surfaces of the hammer. Apply the same procedure if you intend to set the hammer out of operation for a longer period.

2. Troubleshooting

The following table shows possible causes for operation troubles. Only qualified and trained service staff are allowed to perform maintenance, service and repairs at sites that provide all the necessary technical and expert equipment.

Trouble	Possible causes	Corrective actions
Reduced power of blows	Irregular shank dimensions	Use the right shank
	Insufficient lubrication	Fill up the oiler or use the right oiler.
	A too low pressure or air quantity	Check the air hose for leakage possibility, check and - if necessary - increase the working pressure or air quantity. See Instructions for the Use of Pneumatic Hammers!
Hammer does not operate	Silencer is blocked with ice	Use antifreeze oil.
	Piston is blocked with dirt	Check if piston or cylinder contain scratches. If there are scratches, polis them out.
Irregular blows	Handle is not properly screwed down	Screw down the handle and check other screw connections as well. If necessary, screw them down properly.

3. Disassembly

Do not carry out maintenance, service and repairs on a working site but in a properly equipped workshop.

Only qualified technical staff are allowed to perform maintenance, service and repairs.

IMPORTANT! If pneumatic hammer or its parts are clamped into a vice, it is necessary to provide vice jaws with a protective lining.

Disassembly of parts is evident from the drawing in the List of Spare Parts on page 5.

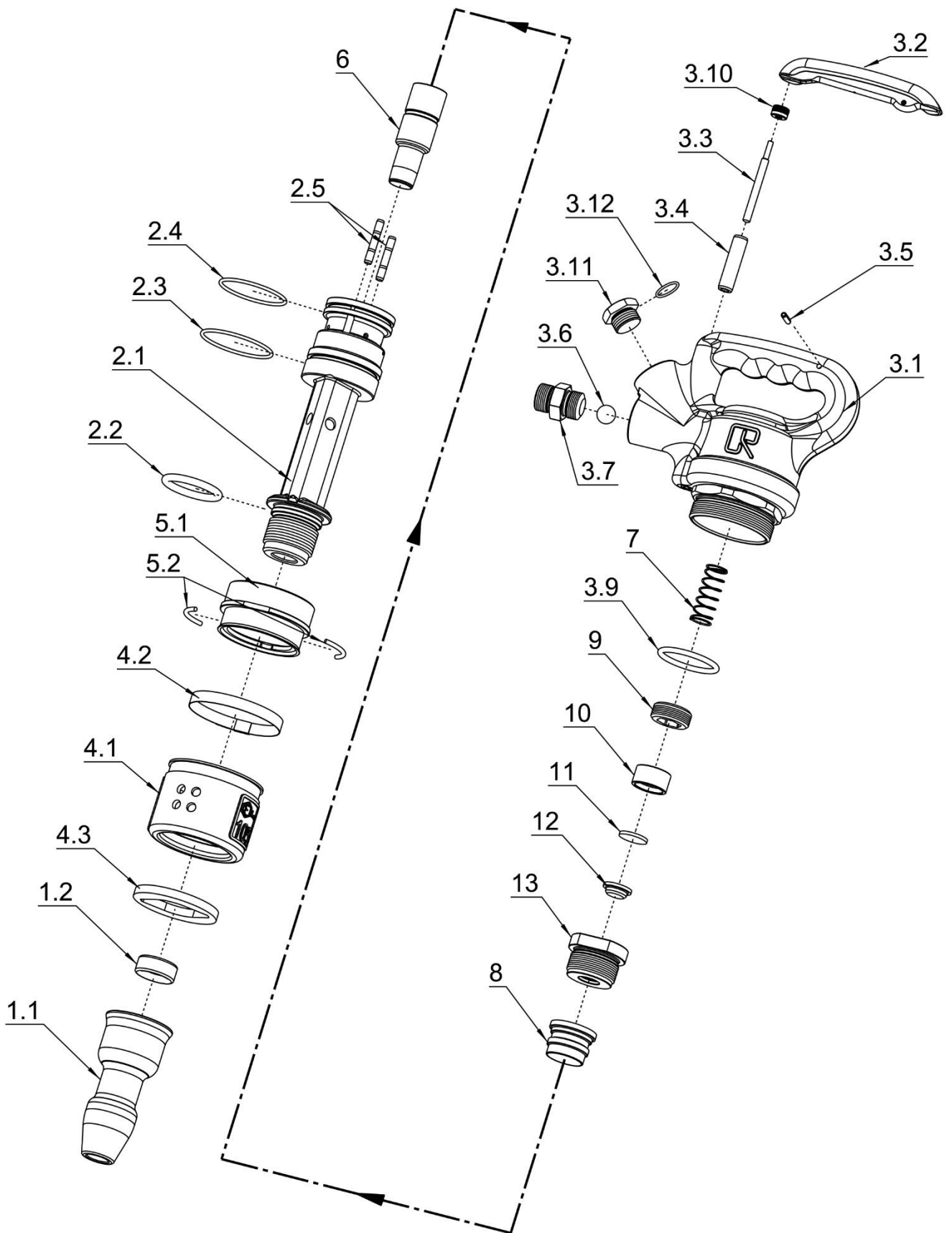
4. Assembly

In case of wear and damage, accurate visual inspection of movable parts and the inside of cylinder is necessary. Change all parts that are damaged or worn out.

IMPORTANT! All parts have to be cleaned and oiled before assembly.

Assembly of parts is evident from the drawing in the List of Spare Parts on page 5.

When assembly is finished, the hammer has to be tested. This is done on the working place by installing tools into the hammer. Select an adequate area where you can crush some concrete or asphalt. Before switching on the drill, take a safe position (consider all safety and other instructions which are seen in the instructions for operation). Apply the hammer for a short time (some minutes) and if the drill crushes the concrete or asphalt adequately, you can put it into regular operation.



PICK HAMMER LRK6 PEA KK
9 359 77

ITEM NO.	DESCRIPTION	PCS	ORDERING NO.
1.	Front head complete	1	9 359 77 001
1.1.	Front head	1	359 77 014
1.2.	Shock absorber	1	353 43 003
2.	Cylinder complete	1	9 359 77 002
2.1.	Cylinder	1	359 77 001
2.2.	O-ring	1	046 52 225
2.3.	O-ring	1	046 52 668
2.4.	O-ring	1	046 52 669
2.5.	Plug	2	359 77 010
3.	Handle complete	1	9 359 77 003
3.1	Handle	1	359 77 021
3.2	Lever	1	359 77 006
3.3	Valve needle	1	359 77 008
3.4	Bush	1	359 77 009
3.5	Pin	1	510 50 78
3.6	Ball	1	055 08 124
3.7.	Connection	1	359 01 019
3.9.	O-ring	1	046 52 670
3.10.	Plug	1	359 77 015
3.11.	Plug	1	359 77 025
3.12	O-ring	1	046 52 675
4.	Silencer complete	1	9 359 77 004
4.1.	Silencer	1	9 359 77 007
4.2	Werba hose clip	1	055 08 254
4.3	Coat bottom	1	359 77 012
5	Coupling cpl.	1	9 359 77 005
5.1	Coupling	1	359 77 004
5.2	Sealing string	1	046 69 304
6	Piston	1	359 72 003
7	Spring	1	031 06 966
8	Control valve	1	359 01 005
9	Nut	1	359 77 026
10	Bush	1	359 77 027
11	Cover	1	359 67 013
12	Shock absorber	1	359 67 014
13	Bush	1	359 77 028