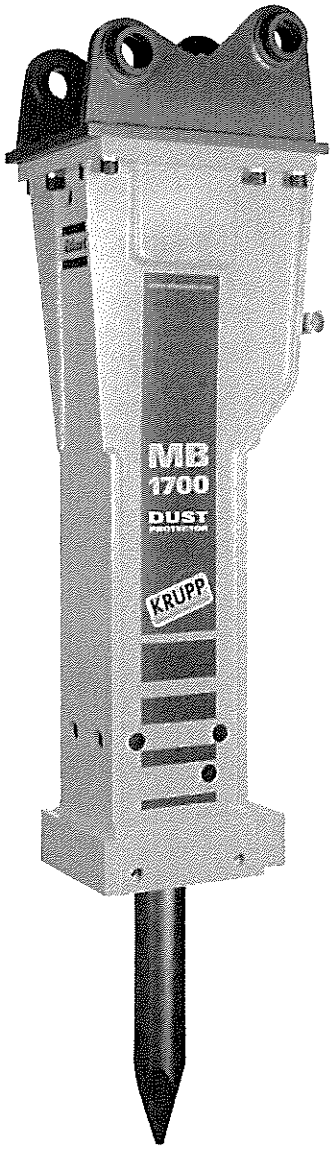
Repair manual Hydraulic Breakers

MB 1700 and MB 1700 DustProtector



Pt. id. no. 3390 5031 01

2006-01-20

Atlas Copco

Contents

Contents

4.3 Removing the high-pressure accumulator

- Stand hydraulic hammer vertically and secure against falling over (e.g. on a stand similar to **(Fig. 12)**, or lay flat.

DANGER!

If the MB 1700 is still attached to the carrier, the hydraulic system must be depressurised prior to removing the high-pressure accumulator.

e. g.

- On hoses with screw couplings, relieve pressure on check valves and depressurise (open the hose ports on the hammer).

- Release allen screws (**Fig.13/1**) on accumulator using a size 14 allen key (**Fig.13/2**) and screw them out removing the locking washers at the same time.

CAUTION!

Collect any oil which runs out and dispose of it in accordance with the applicable statutory provisions to avoid environmental hazards!

- Remove high-pressure accumulator (**Fig.14**).

- Check threaded insert (part no. 54), replace if necessary.

CAUTION!

The high-pressure accumulator on the MB 1700 has a capacity of 0.9 l and a max. permissible operating pressure of 230 bar (3335 psi).

If any significant changes are made to the hydraulic system, a new acceptance inspection is to be carried out in accordance with the relevant national safety provisions.

- Removing the O-ring and back-up ring (**Fig.15**).

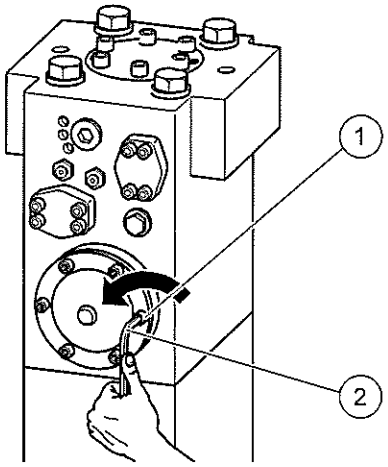


Fig. 13
Releasing and unscrewing the allen screws

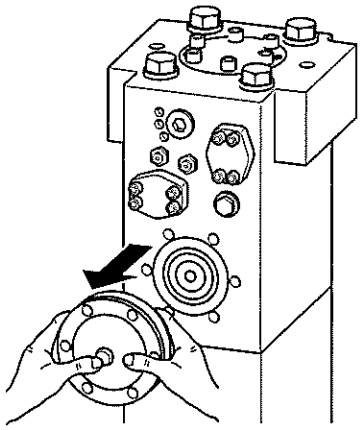


Fig. 14
Removing the high-pressure accumulator

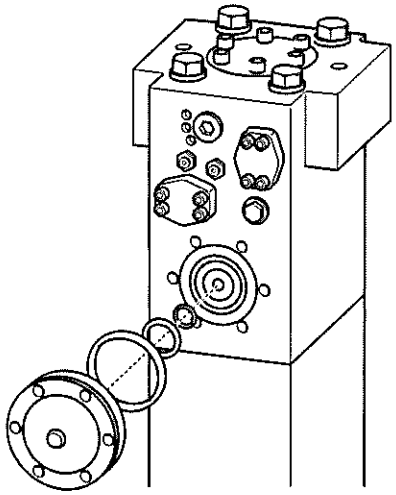


Fig. 15
Removing the O-ring and back-up ring