

5 Mounting and dismantling of working tools

**Note!**

The LIKUFIX quick change adapter is operated as described in **group 16.15** Hydraulic quick change adapter.

Please observe the following additional instructions:

- ▶ Before mounting the equipment, remove the protective covers of the quick change adapter and the working tool.
- ▶ Keep the coupling housings **3** and **4** clean at all times.
- ▶ Before mounting the attachment, inspect the coupling parts for contamination and dirt. If necessary, brush off dirt and dust, and clean the coupling parts and sealing faces with a clean cloth and oil. The coupling parts are treated with Gleitmo **900** spray at the factory. This protective treatment should be repeated when necessary.
- ▶ Slowly connect or disconnect the hydraulic couplings to/from the respective attachment.
- ▶ Tilt the quick change adapter at the attachment so that the coupling plates can easily be connected due to the weight of the working tool.
- ▶ Extend locking bolt.
- ▶ If the plates cannot be easily connected to each other, check whether a foreign object (stone, etc.) is jammed between the parts. If this is the case, clean the coupling parts to prevent damage by subsequent coupling.
- ▶ Adjust the oil level and pressure to the attached tool.
- ▶ After completion of the work, and especially before transport, mount the protective covers.

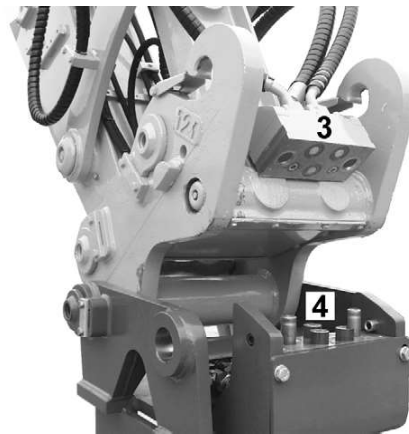


Fig. 18 LIKUFIX during coupling

3 Coupling housing upper section at the quick change adapter

4 Coupling housing lower part at the attachment e.g. grapple

6 Removal of attachments in the event of failure of the hydraulic or electric system

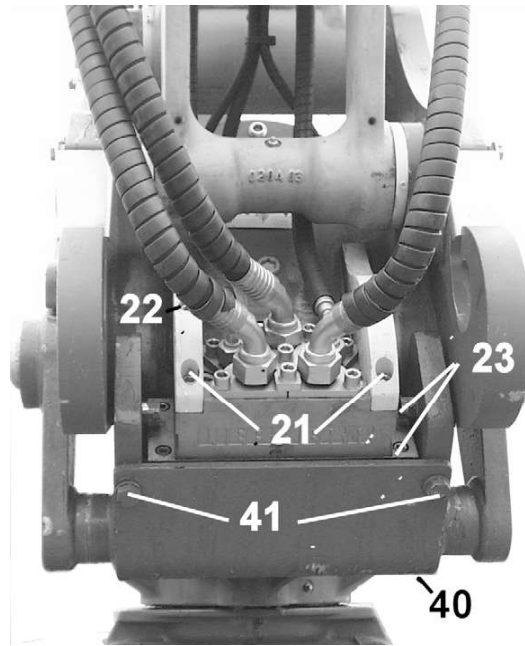


Fig. 19 Removal of attachment

- ▶ Place attachment onto a level surface.
- ▶ Secure it and ensure that it is properly balanced.
- ▶ Release pressure from hydraulic circuit.
- ▶ Remove hex head screws **41**.
- ▶ Remove cover **40**.
- ▶ Remove Allen head screws **21** and **22**.
- ▶ Remove Allen head screws **23**.
- ▶ Release hose brackets.
 - ↳ you should now be able to pull out the hoses.
- ▶ Pull coupling system forward.
- ▶ Pull coupling system forward until the cover of the quick change adapter is accessible.
- ▶ Remove the securing screws of the cover.
- ▶ Remove the cover.
- ▶ Disengage quick change adapter mechanism (locking device).
- ▶ Relief the base side of the locking cylinder. Push the bolt of the quick change adapter inwards and carefully disconnect the attachment including LIKUFIX coupling from the quick change adapter.



Note!

In the event of a cable break in the lines supplying valves Y28-1 and Y28-2, power the lines with 24V using an auxiliary cable.