

UPPER CARRIAGE LOCK

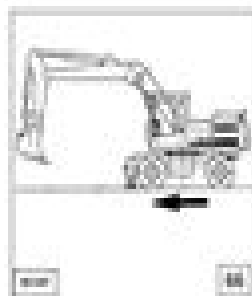
When travelling on roads, transporting, taking out of operation as well as during maintenance and repair work, and before leaving the excavator, the upper carriage must be locked to the under carriage.

Bring upper carriage over one of the locking bars in under carriage and lock with pin (picture 65).



DANGER

Do not operate steering gear when the upper carriage is locked to the under carriage with locking pin.



USING THE ATTACHMENT

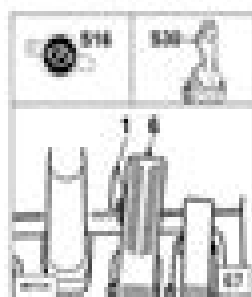
WORKING POSITION

- Excavator work must always be carried out over the right side (picture 66).
- Lock the oscillating axle during all excavator work. Preferably use actuating switch S76 in position "1" (see also page 4-14 chapter "Oscillating axle lock").



DANGER

- For this task, brake pedal 4 must be actuated completely. Until pedal 1 locks, parking brake S76 must not be locked! (Hooter sounds as warning!)
- Push-to-switch Pos. 20 for forward/reverse travel direction must be in position 0.



APPLICATION OF THE BOOM CYLINDER (LEFT JOYSTICK) (Fig. 70)

Pushing joystick 4 backward (a) means retract stick.

Pushing joystick 4 forward (b) means extend stick.

APPLICATION OF THE BOOM CYLINDER (RIGHT JOYSTICK) (Fig. 70)

Pushing joystick 3 forward (a) lowers the attachment (Fig. 71).

Pushing joystick 3 backward (b) raises the attachment (Fig. 71).

APPLICATION OF THE BUCKET OR GRAPPLE CYLINDER (RIGHT JOYSTICK) (Fig. 71)

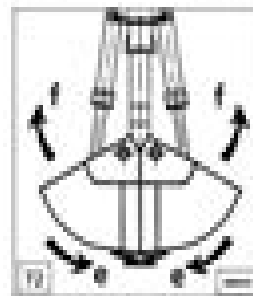
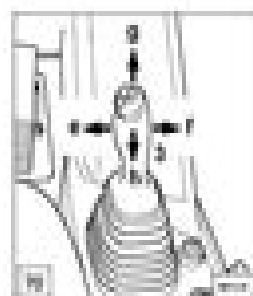
Application of joystick 3 to the left (a) tilts the bucket in or opens the grapple (Figs. 71 and 72).

Application of joystick 3 to the right (b) tilts the bucket out or opens the grapple (Figs. 71 and 72).



DANGER

NEVER POINT ARMS TO GUIDE THE GRAPPLE BY HAND!



COMBINATION MOVEMENTS

A diagonal movement of the joystick combines the movements of the corresponding attachment function. This makes it possible for more than one attachment movement to be controlled simultaneously.

Liebherr Er974b Litronic Hydraulic Excavator Operation Maintenance Manual

Ian Pickup



Liebherr Er974b Litronic Hydraulic Excavator Operation Maintenance Manual:

Decoding **Liebherr Er974b Litronic Hydraulic Excavator Operation Maintenance Manual**: Revealing the Captivating Potential of Verbal Expression

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web in this section we will discuss logarithmic functions and exponential functions the exponent rules we learned last section also apply to the exponents we see in exponential functions so here we will focus on the relationship

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web we have already explored some basic applications of exponential and logarithmic functions in this section we explore some important applications in more depth including radioactive isotopes and newton s law of cooling

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