

Operating instructions

Material handler
A 954 C HD Litronic

from serial number 21416

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1 Product description

1.1 Assembly - overview

This section gives an overview of the machine and descriptions of the components shown.

1.1.1 Complete overview

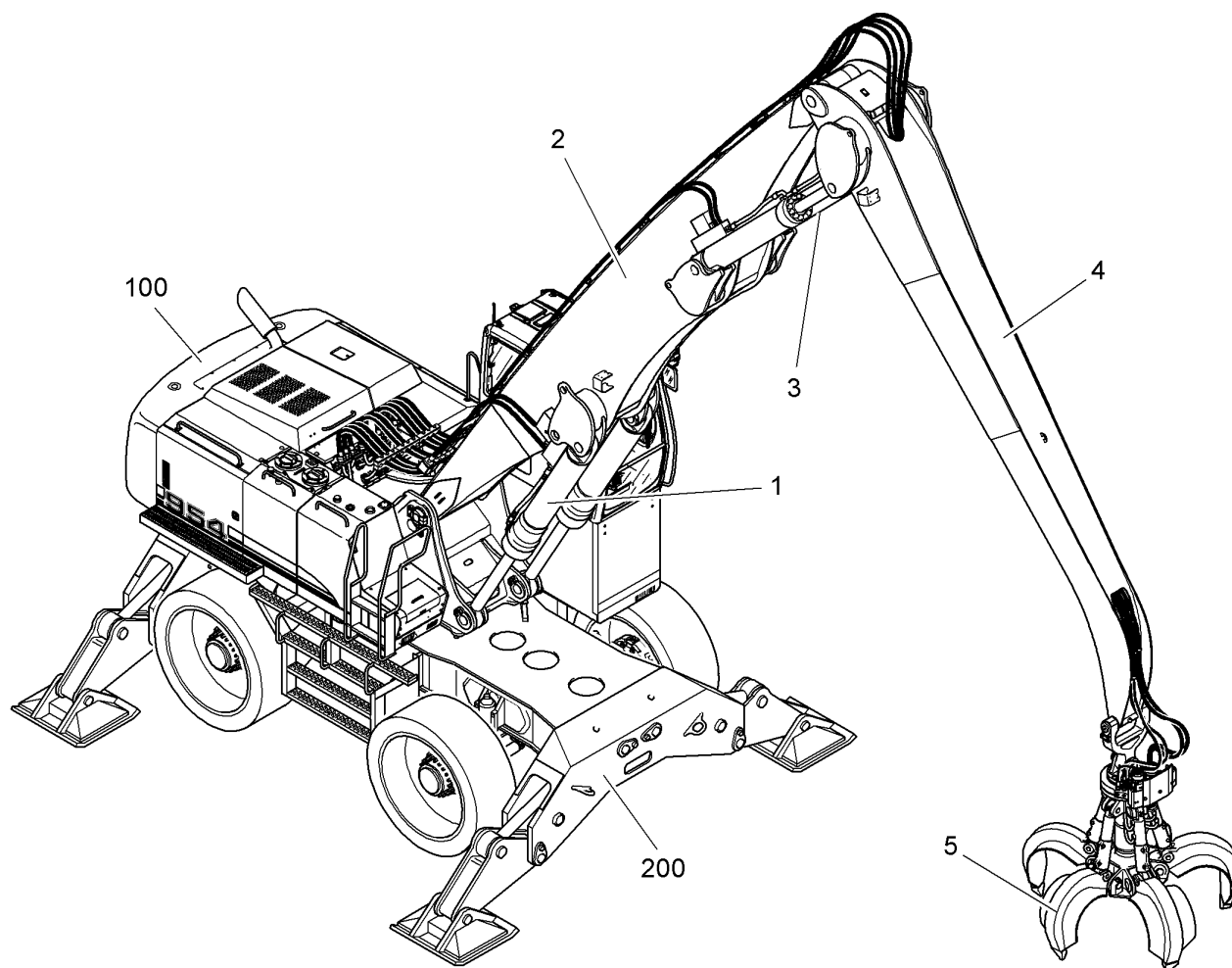


Fig. 1-1 Machine for transferring material

1	Hydraulic jack	4	Industrial stanchion	100	Upper carriage
2	Industrial boom	5	Grab	200	Undercarriage
3	Stanchion cylinder				

1.1.2 Upper carriage

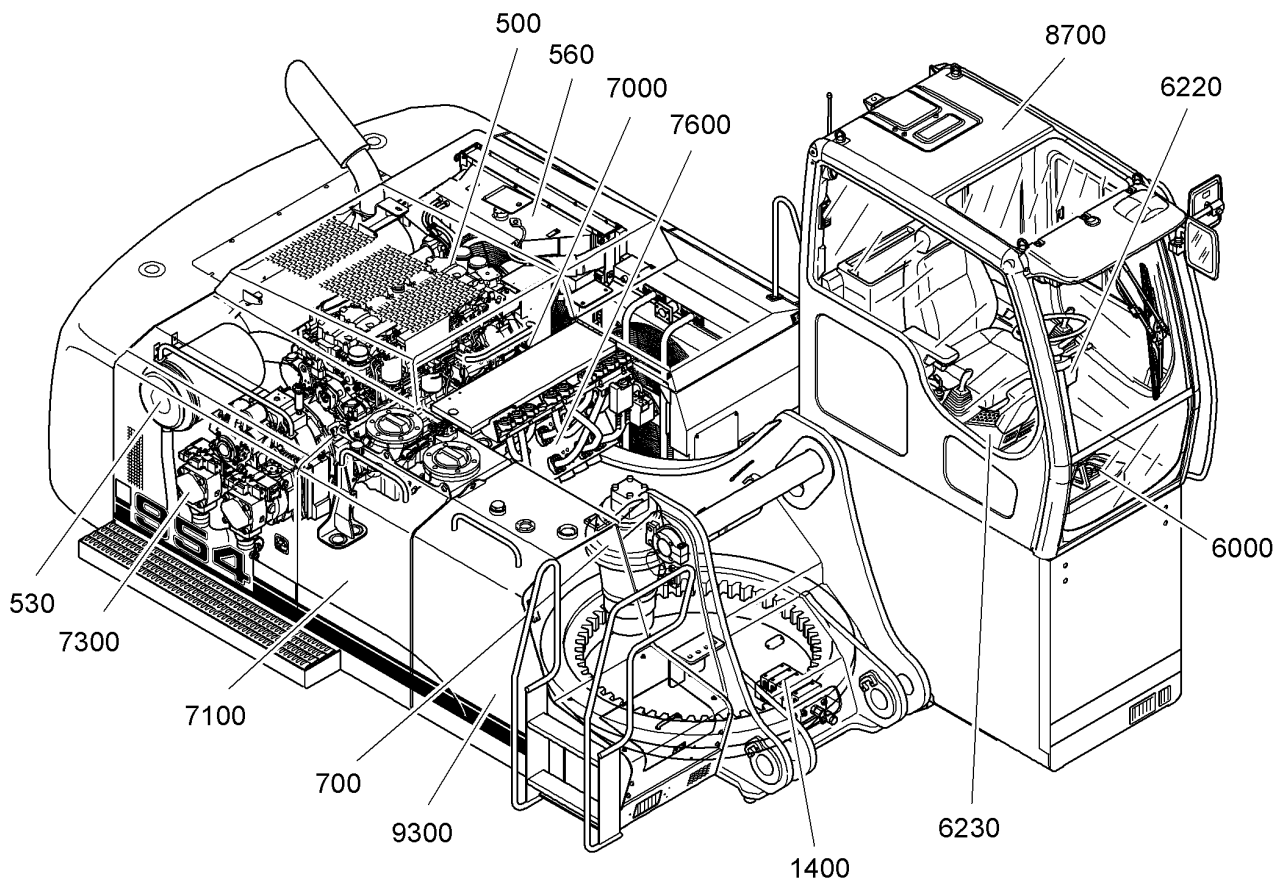


Fig. 1-2 Upper carriage

500	Diesel engine	6230	Control panel, right
530	Dry air filter	7000	Hydraulic system
560	Radiator	7100	Hydraulic tank
700	Slewing gear	7300	Hydraulic pump
1400	Central greasing system	7600	Control slide valve
6000	Operator platform	8700	Operator cab
6220	Control panel, left	9300	Fuel tank

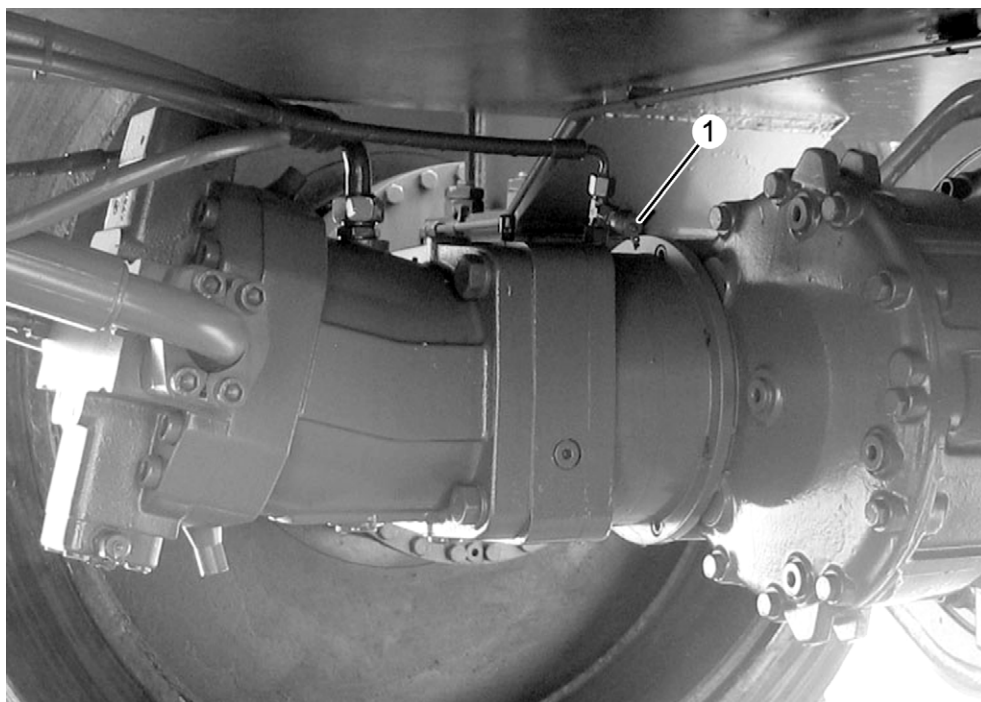


Fig. 3-67 Manually release the parking brake (hydraulically)

- ▶ Unscrew the cap from connection 1.
- ▶ Use a hand-operated oil pump to pump the braking piston up to max. 30 bar (displaced volume ca. 0.25 ltr.).
 - ↗ The parking brake has been mechanically released.
 - ↗ The machine can be towed out of the danger area.



Note!

Engage the parking brake gain after removing the oil pump. Do not remove the hand-operated oil-pump when towing.

3.3.10 Oscillating axle locking device

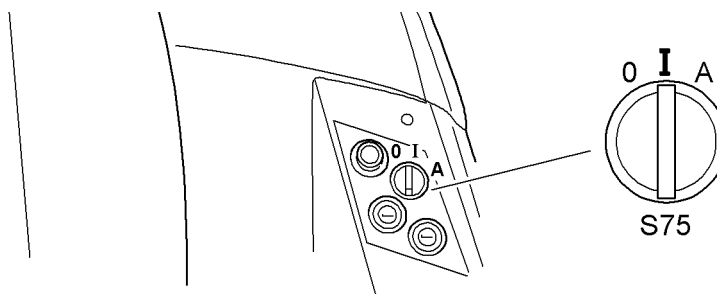


Fig. 3-68 Oscillating axle locking device

The oscillating axle can be operated locked (rigid) or unlocked (oscillating). The relevant selection is chosen with the switch **S75**.

3.4.9.4 Faults

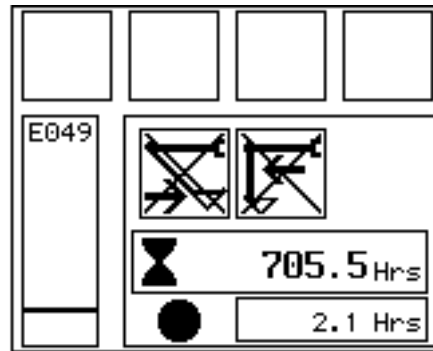


Fig. 3-91 Screen – error display

It is not possible to move the industrial stanchion if both symbols are simultaneously crossed out on the display.

Possible causes:

- The values **min. limit** and **max. limit** are either set incorrectly or are identical.
- An electrical fault has been identified. Electrical faults are displayed using E-codes:
 - E 049 = earth fault
 - E 050 = line break or positive short

3.4.9.5 Emergency operation

The industrial stanchion can no longer be moved in the event of these electrical faults. In this case, it is possible to bypass the stanchion cylinder shut-down function using the “emergency operation” feature.



Danger!

Risk of injury and damage!

There is a risk that the equipment may either come too close to the cab or, if over-extended, cause injury to other people or damage objects.

- Only use emergency operation to move the machine out of the danger zone.

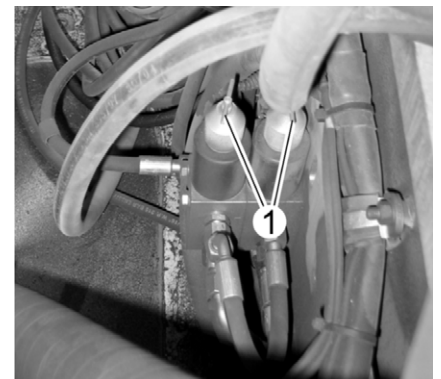
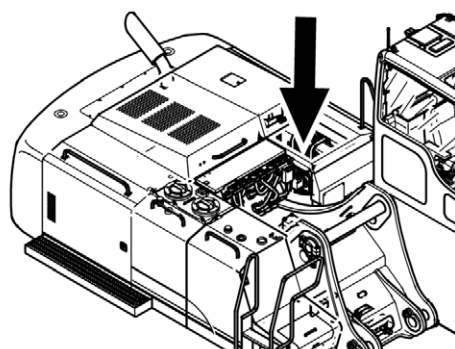


Fig. 3-92 Stanchion cylinder shut-down – emergency operation

The solenoid valves for the stanchion shut-down function are located at the rear of the hydraulic oil radiator.