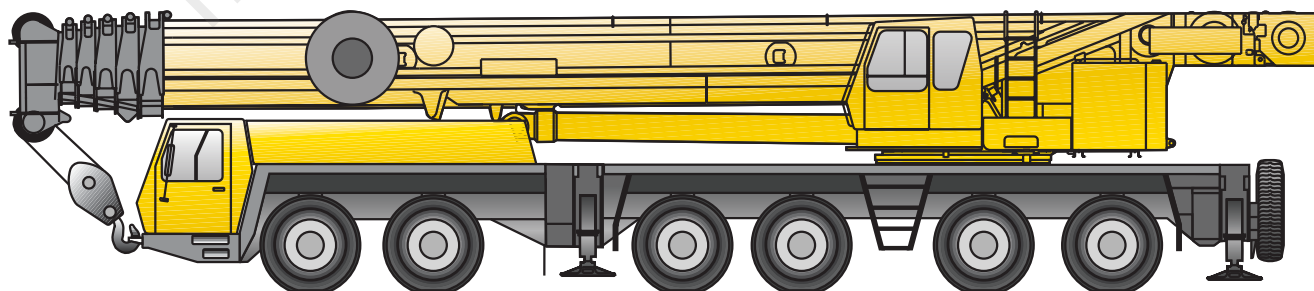
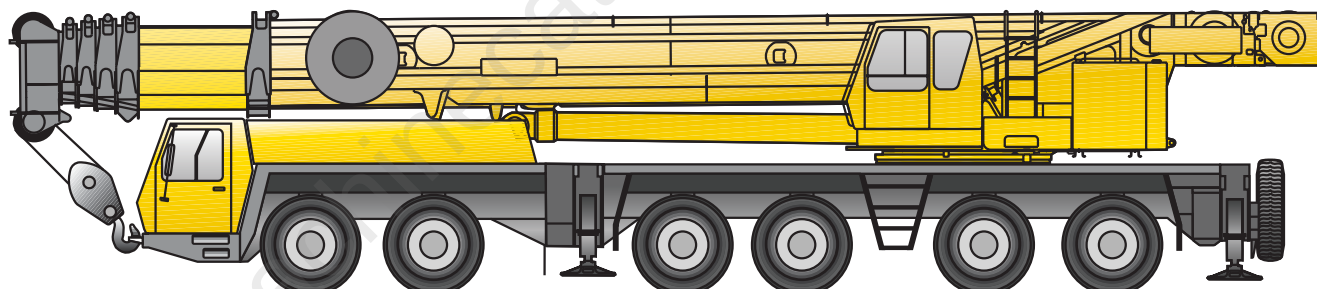


GROVE®

GMK 6220/6220-L



Maintenance manual



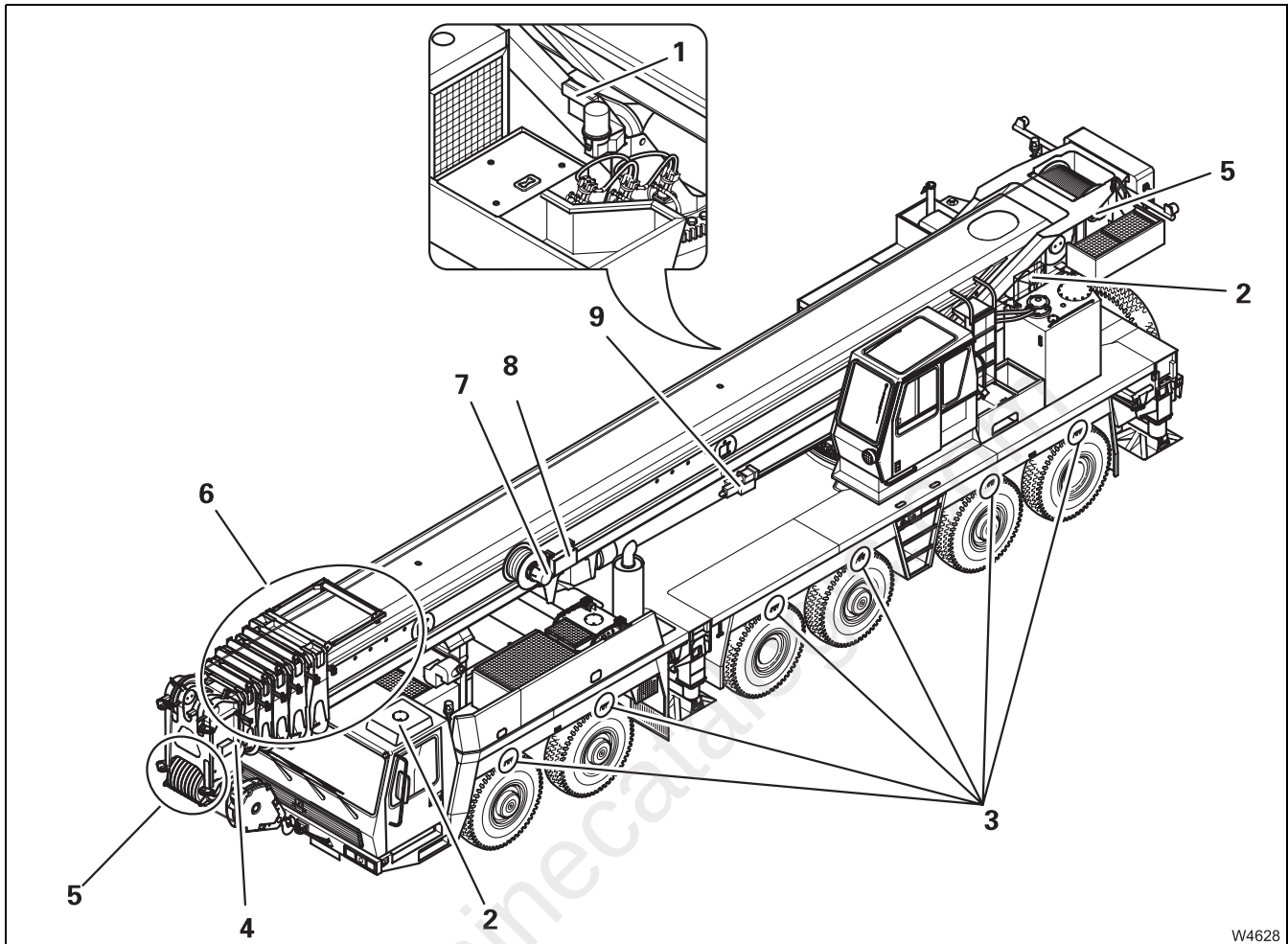
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Serial number:

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3.1 Overview of subassemblies easily damaged when cleaning

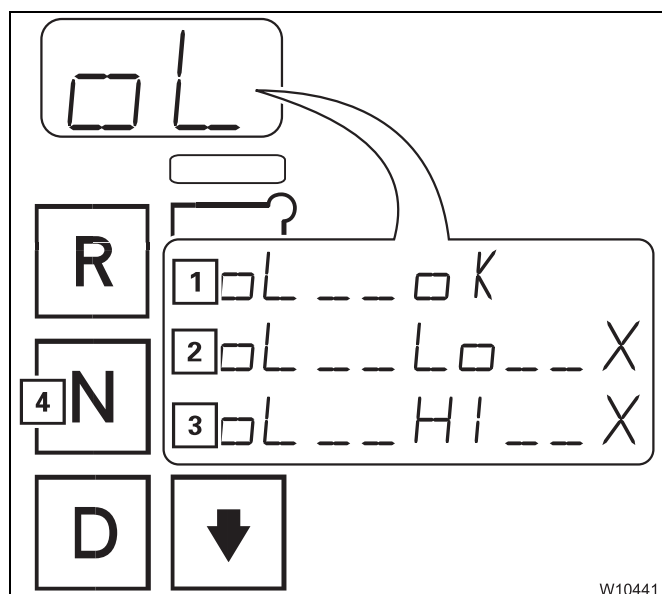


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- | | |
|--|---|
| 1 Pressure sensor switch box | 2 Air-conditioning system condenser, carrier/superstructure |
| 3 Suspension struts (on both sides of the truck crane) | 4 SLI terminal box |
| 5 Lifting limit switch and lowering limit switch | 6 Telescope slide faces |
| 7 SLI length measuring unit | 8 Angle sensor switch box |
| 9 Pressure sensors | |

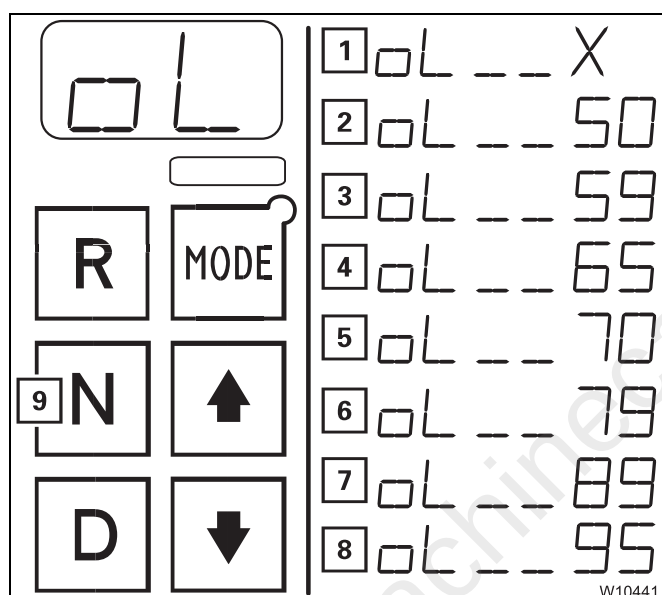


Endangered subassemblies on the lattice extension (Additional equipment) are described in the *GMK 5200/6220-L/6220 lattice extension operating instructions*.



Displays for the oil level

- 1 Oil level correct
 - 2 Oil level x litres too low
 - 3 Oil level x litres too high
- Press button (4) once to exit the oil-level gauge.



Displays for errors

- 1 Resting time is elapsing,
X = counters 8 to 1
 - 2 Engine speed too low
 - 3 Engine speed too high
 - 4 No neutral position
 - 5 Gear oil too cold
 - 6 Gear oil too hot
 - 7 No standstill
 - 8 Error on the sensor
- Press button (9) once to exit the oil-level gauge.

- Rectify the error and call up the oil level gauge again.

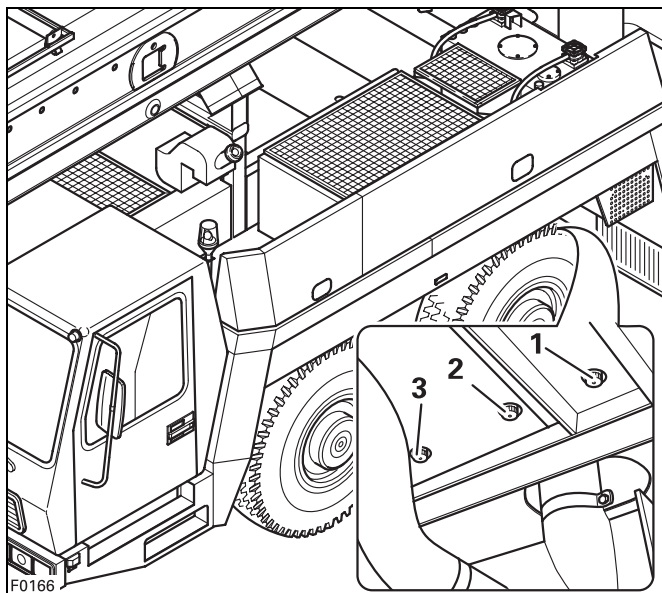
Draining hydraulic oil

- Have a container ready to collect the oil (with a capacity of over 200 l).



Risk of environmental damage due to leaking consumables

Always use the supplied 1/2-inch connecting piece with an oil drain hose and an oil collection vessel with sufficient capacity to drain the hydraulic oil.



- Make sure that all shut-off valves are closed;
 ▮▮▮ *Closing the shut-off valves*, p. 7 - 61.
- Drain the hydraulic oil.
 To do this, screw the connecting piece with oil drain hose onto each drain cock (1), (2) and (3) in turn and drain the hydraulic oil from the three tank chambers (▮▮▮ *Taking oil samples*, p. 7 - 59).
- Change the filter elements of the hydraulic oil filters and insert new filter elements;
 ▮▮▮ *Hydraulic system – changing the oil filter*, p. 7 - 65.



Risk of damage to the hydraulic system

Cleanliness is of the utmost importance when handling hydraulic oil. Even new oil must be filtered before it is filled into the tank.

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Grove GMK 6220 All Terrain Crane Maintenance Manual

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