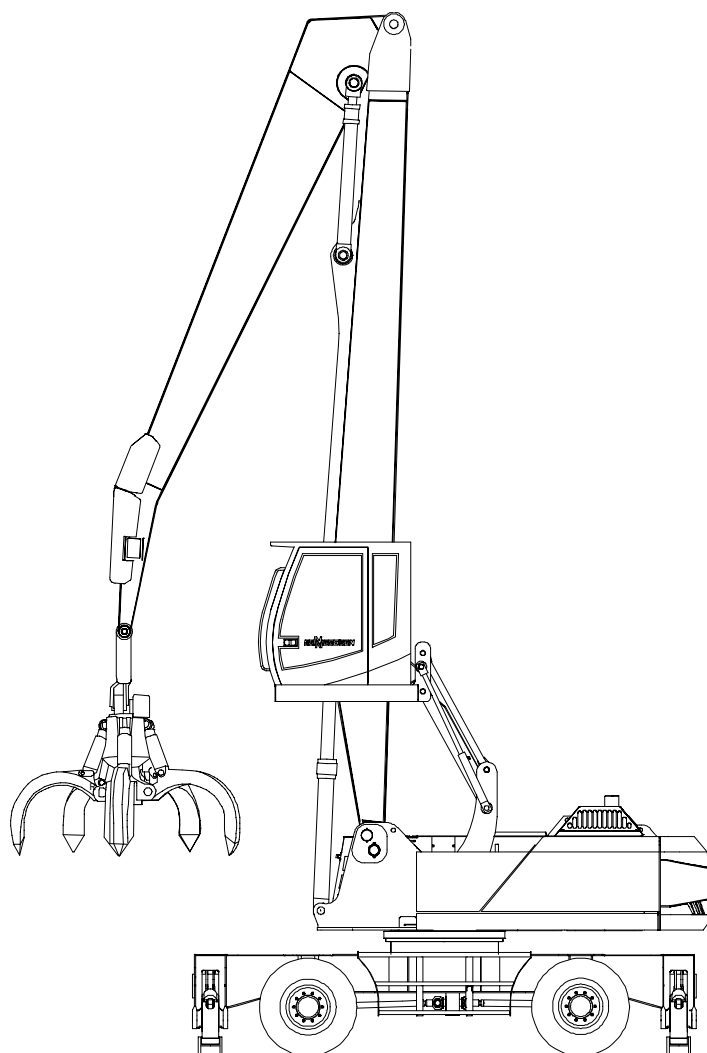


Maintenance instructions

825 M



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1.4 Safety devices

Danger

- Do not remove safety devices or covers.
- Always check that safety devices are complete and correctly secured before starting the machine.
- Replace all safety devices and covers correctly on completion of assembly or maintenance work.
- Exchange damaged safety devices for new ones.

4 Driving engine

Safety notes



Read the safety notes before starting work.

Caution

- Only carry out maintenance or repair work with engine shut down and cooled.
- Secure machine against unauthorised re-starting before starting with maintenance work.
- Waste oil must not ingress ground or waterways.
Dispose of oil and oil filters in accordance with statutory regulations.
- Coolant must not ingress ground or waterways.
Dispose of coolant in accordance with statutory regulations.
- After maintenance work on the engine, check that all safety devices have been fitted and all tools are removed from the engine.

Note

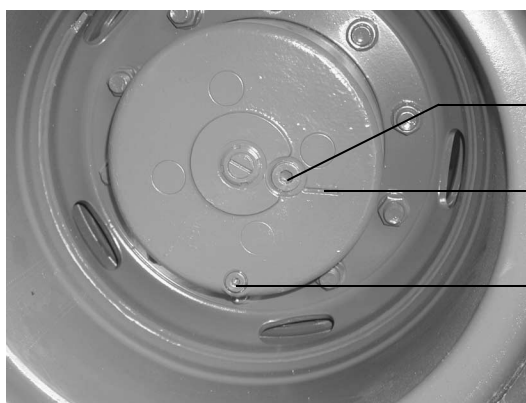
Also observe the notes and recommendations in the operating instructions of the engine manufacturer.

5.3 Tightening wheel nuts

Check tightness of all wheel nuts. The tightening torque is 550 Nm. Use a torque wrench.



5.4 Hub drive train



- 1 Oil filler screw
- 2 Oil level marking
- 3 Oil drainage screw

Checking oil level

1	Position machine horizontally.
2	Slew hub until the marking (2) is horizontal.
3	Shut down driving engine.
4	Unscrew oil filler screw (1). The oil level must reach up to the marking (2), top up if necessary.
5	Clean components, check seal and exchange if necessary.
6	Re-tighten oil filler screw (1).
7	Repeat procedure on the three remaining hubs.

7 Hydraulic system

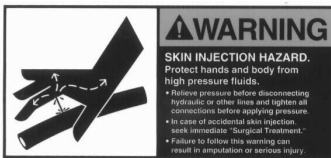
7.1 Safety notes

Observe the safety notes before starting work on hydraulic system.



Danger

- Work on hydraulic systems may only be carried out by trained personnel with special knowledge and experience on hydraulics.
- Wear personal safety equipment (e.g. safety helmet, ear protection, protective gloves, safety boots).
- Warning of high oil pressure!
The hydraulic system is subject to high pressure. Serious injuries can be caused by escaping hydraulic oil when loosening a hydraulic connection or when a leak occurs.
Only carry out work on a de-pressurised hydraulic system!
- De-pressurise hydraulic system before starting retrofitting work (see Section 7.4).
- The pilot control is equipped with a pressure accumulator, which remains under high pressure even after the engine is shut down. Therefore, de-pressurise the pressure accumulator.
- Danger of injury!
If leaks are present hydraulic oil will leak out under high pressure. Hydraulic oil will leak out under high pressure, penetrate the skin and cause severe damage to health.
Danger of infection. In the case of injury contact a doctor immediately!



7.11 Hydro-clean superfine filter (optional)



Note

The dirt of the hydro-clean filter insert is monitored by the SDS. The filter insert must be changed when the warning light is shown.-

Change filter element



1	De-pressurise hydraulic system acc. to Section 7.4.
2	Unscrew cover (2) with integrated socket head.
3	Pull out filter element.
4	Dispose of filter element as hazardous waste.
5	Clean components, check seal and exchange if necessary.
6	Insert new filter element.
7	Re-tighten screw cap (2).
8	Start driving engine.
9	Unscrew socket head bolt (3) slightly until vent opening is open.
10	Re-close socket bolt (3) as soon as oil leaks out.
11	Deposit driving engine and check filter for leaks.

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