GROVE

GMK4075

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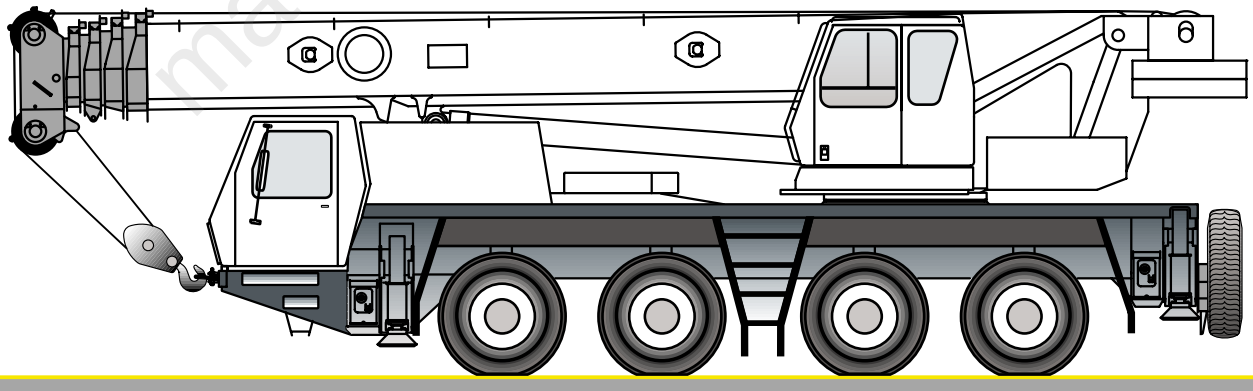

Operating instructions Part 1 Carrier

Vehicle serial number:

2 084 640 en
27.07.2001

4 Description of the truck crane vehicle section

. Overview of the operating and display instruments

This section only contains the operating and display instruments for driving that are located on the outside of the truck crane or in the driver's cab.

. . Overview of the vehicle

The figures on the following pages illustrate the location of the operating and control instruments that are required to drive the truck crane and are found on the outside of the vehicle.

All operating and control instruments required for crane operation are described in Chapter 10.

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Danger of overturning due to incorrectly set rigging mode.
Set values can be changed when the individual components are selected. After selecting, always compare the SLI code which appears on the *Rigging mode* status display with the SLI code which is provided for the actual rigging mode in accordance with the *Lifting capacity table*. If the SLI changes the components which have already been set, the SLI codes do not coincide and the settings must be corrected.
In this way you prevent the SLI calculating with incorrectly set components and the truck crane becoming overloaded or tipping, ➠ *Checks before working with the crane*, p. 11 - 43.

General instructions

An error code appears on the *Information* display when there is an error message. This display is automatically switched over if you enter values on the *Rigging mode* display.

In this case the *Information* display automatically switches to the display of the permitted slewing range and the green indicator lamp in the *Permitted slewing range* membrane switch lights up.

If error messages now occur, you will be able to recognise this by the acoustic signal and the red warning lamp in the *Error information* membrane switch. You can see these error messages in the *Information* display by pressing this membrane switch; ➠ *Error message*, p. 11 - 49.

After reading the error message, you can cancel the acoustic signal by pressing the *Acknowledge* membrane switch. You can cancel the error message and warning lamp only after the cause of the error has been eliminated; ➠ *Error message*, p. 11 - 49.

Sequence during setting

The setting sequence is the same for all displays. There are only differences when the values are entered directly.

If the flashing display requests that you enter values after having switched on the SLI, the SLI is already in entry mode and you can directly enter values; ➠ *Entering values*, p. 11 - 39.

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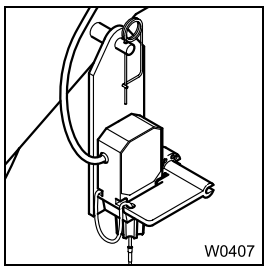
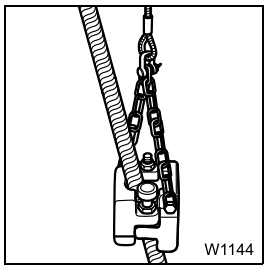
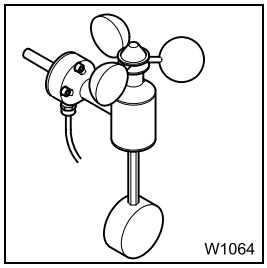


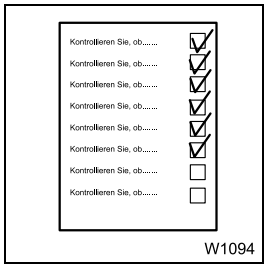
12. Install the lifting limit switch, connect and check whether the locking has been cancelled; ➠ *Lifting limit switch on the main boom*, p. 12 - 59.



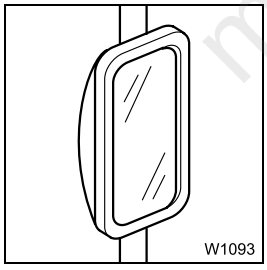
13. Attach lifting limit switch weight and fasten to hoist rope; ➠ *Attach lifting limit switch weight and fasten*, p. 12 - 61.



14. Install the anemometer as additional equipment; ➠ *Anemometer*, p. 12 - 68.



15. Rig the counterweight version according to the *Lifting capacity table*; ➠ *CHECKLIST: Rigging the counterweight*, p. 13 - 33.



16. Adjust the mirrors; ➠ *Checking the mirror settings*, p. 11 - 11.

17. Set the SLI code specified in the *Lifting capacity table* for the respective rigging mode on the SLI. If the rigging mode was entered for individual components:
Compare the displayed rigging mode with the actual one;
➠ *Setting rigging mode*, p. 11 - 36.

18. Set the number of reeved ropes on the SLI;
➠ *Switching on entry mode*, p. 11 - 38.

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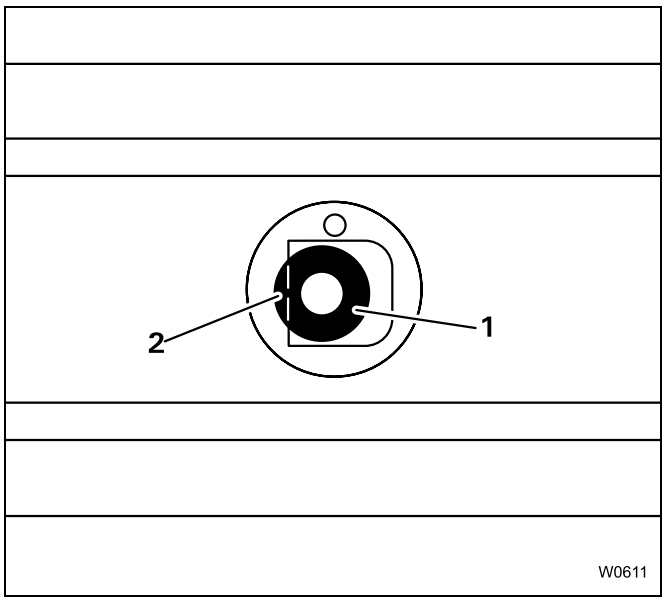
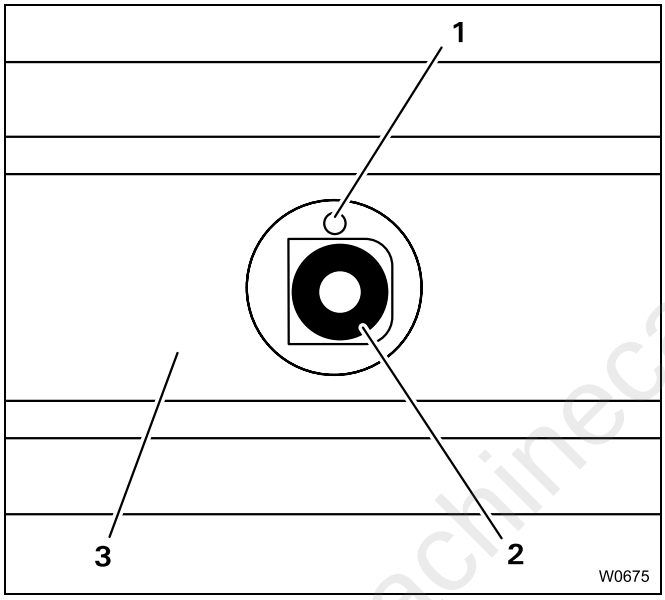


You can only lock or unlock a telescopic section manually if the recess (**2**) in the locking pin no longer engages in the telescopic section sitting on top.

- Extend the telescopic section approx. 2 cm (using an auxiliary crane if necessary). The locking pin (**1**) must be in the centre of the opening and the recess (**2**) must not engage in the telescope section above it any longer.

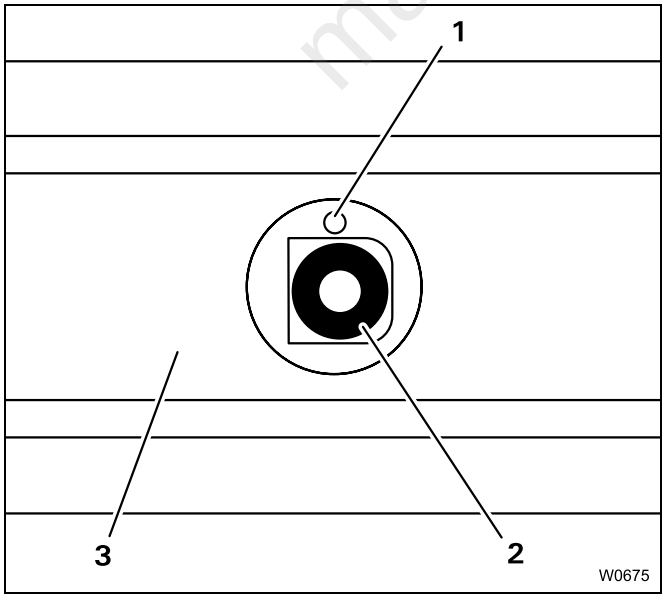


Releasing the lock

- Screw in a threaded pin in the bore hole (**1**). The locking pin (**2**) is retracted.
- Tighten the screw with the spring load until the locking pin (**2**) is pulled in as far as it will go and is situated behind the side wall of the telescopic section (**3**).

Now the lock has been manually released on this side.

- Also release the lock on the other side of the telescopic section.



Locking telescopic sections

- Retract the telescopic section until the locking pin (**2**) is in the middle of the opening.
- Remove the threaded pin from the bore hole (**1**).

The spring-loaded locking pin (**2**) is then pushed out of the opening.

- Retract the telescope section futher till is is placed on the recesses on the locking pins.

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