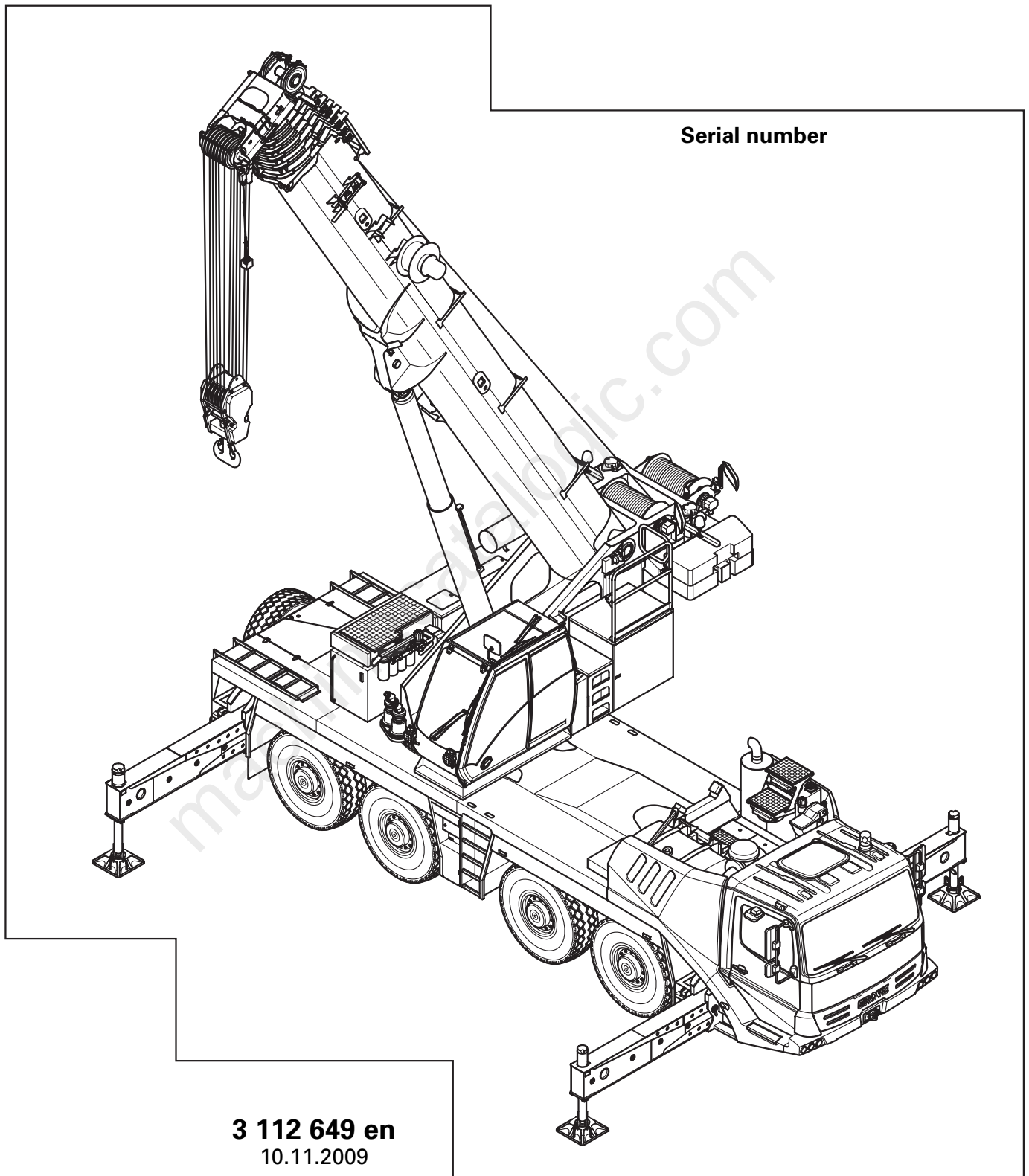


GROVE **GMK 4100-L**

Operating instructions Part 1 – Driving



Grove

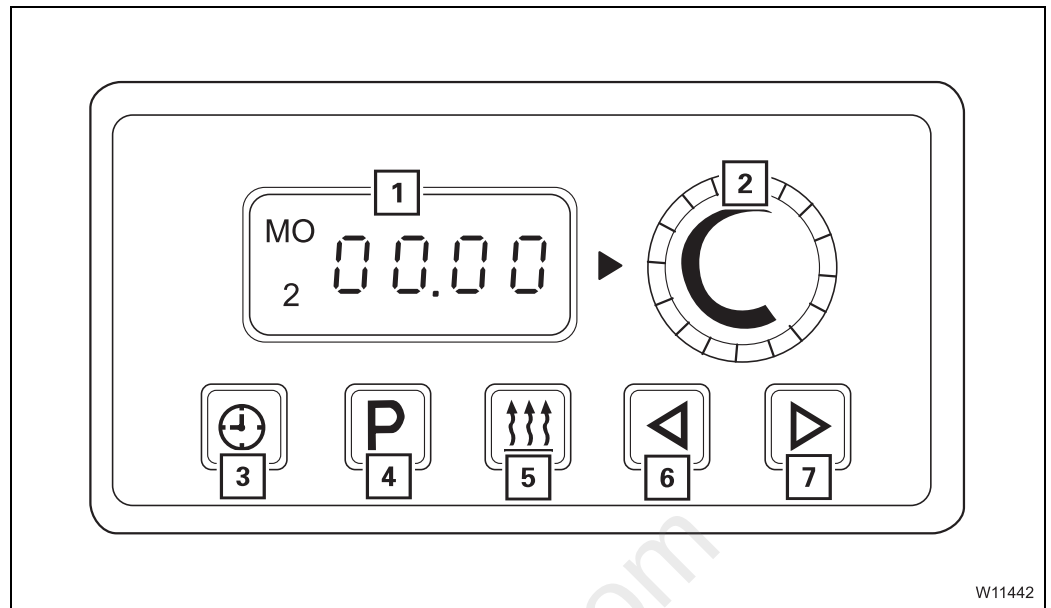
Manitowoc

National Crane

Potain

Manitowoc
Crane Care

Auxiliary air heater – Version A



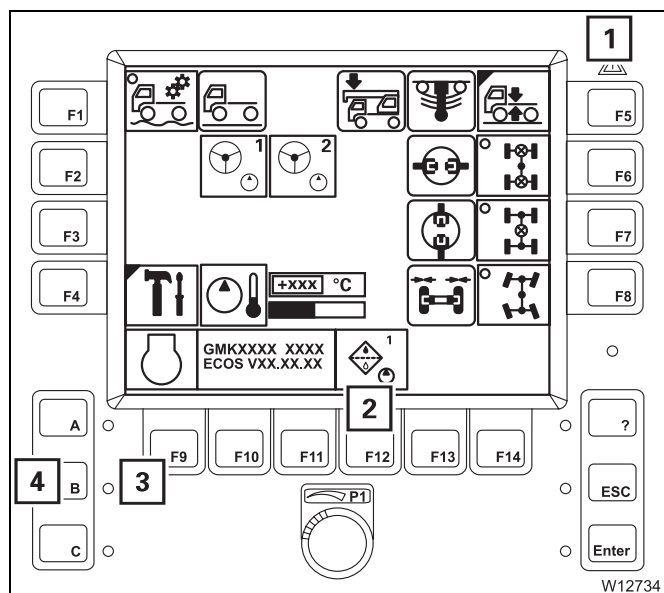
- | | |
|--|-------------|
| 1 Heater display | ➡ p. 5 - 81 |
| 2 Temperature | ➡ p. 5 - 81 |
| 3 Setting the day and time | ➡ p. 5 - 81 |
| 4 – Storing the heating start | ➡ p. 5 - 82 |
| – Switching the heating start on and off | ➡ p. 5 - 83 |
| 5 – Switching on | ➡ p. 5 - 80 |
| – Switching off | ➡ p. 5 - 84 |
| 6 Input – | ➡ p. 5 - 81 |
| 7 Input + | ➡ p. 5 - 81 |



5.3.6

Warning submenu

ECOS differentiates between warning messages and error messages (error messages;  *Error submenu*, p. 5 - 50). A warning message indicates that certain values do not correspond to a set value.



With a warning message:

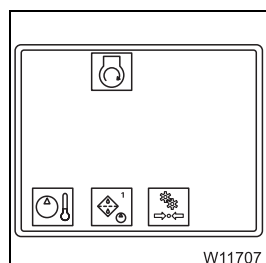
- The lamps (1) and (3) flash
- The display (2) shows the red symbol for the pending warning message.

For further information

- Press button (4) once – the *Warning* submenu opens.

The warning message has been acknowledged – the lamp (3) lights up (no longer flashes).

Meaning of the symbols



The colours of the symbols indicate whether a warning message is active in the corresponding area:

- Symbol **grey** – no warning message.
- Symbol **red** – warning message.

Make the following inspections if a symbol is displayed in **red**.

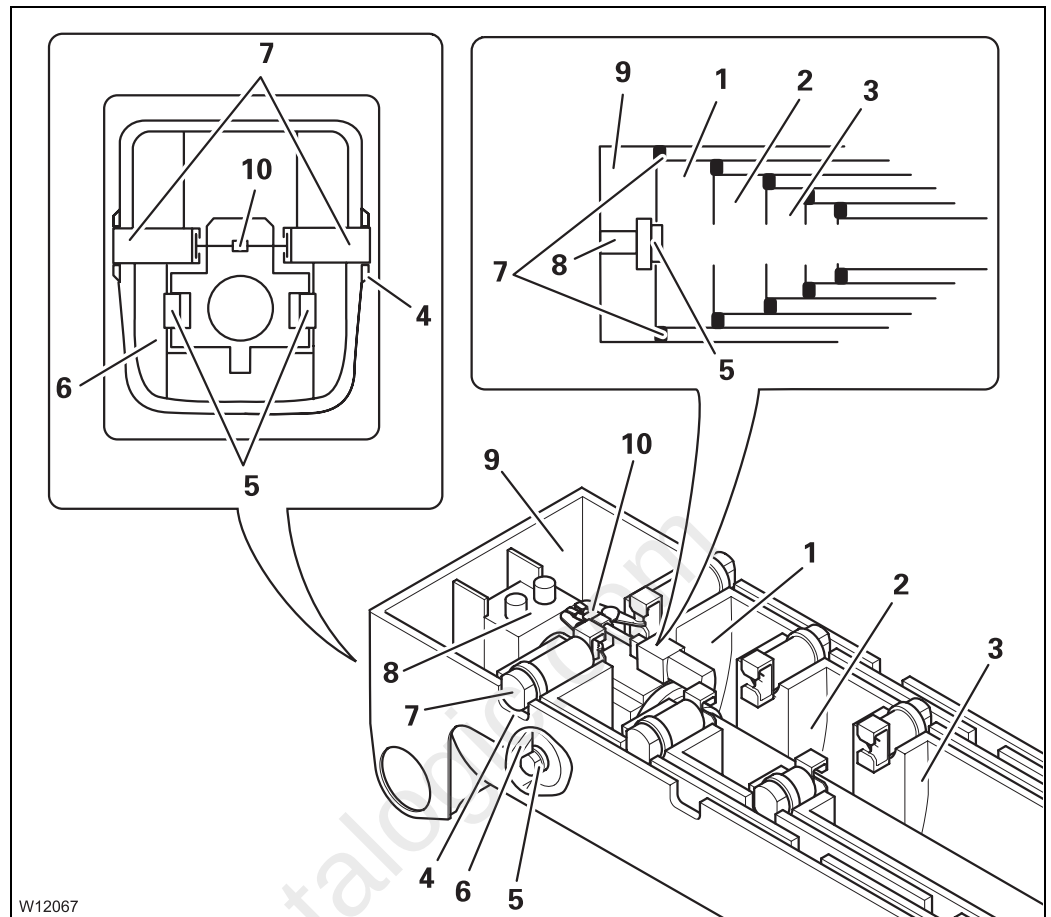


Risk of damage if warning messages are not observed

Observe the following information in good time and take the appropriate remedial measures if a warning message appears. In this way, you can prevent these malfunctions from causing malfunctions on the truck crane.

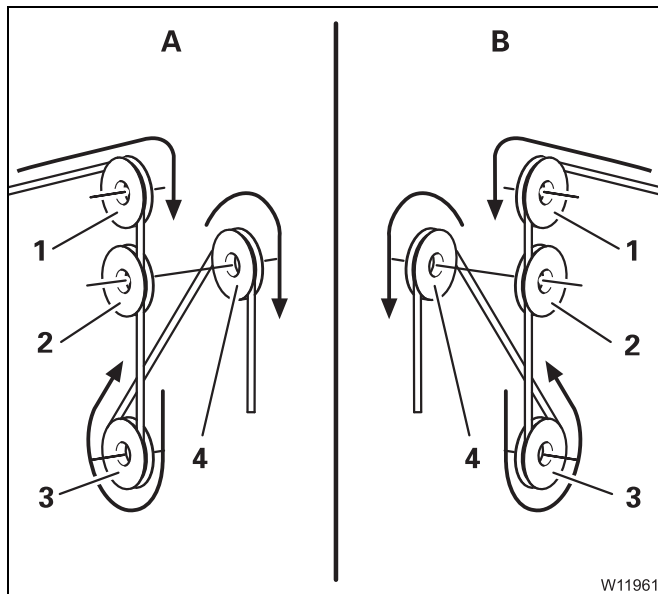
Blank page

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- 1** Telescopic section I
- 2** Telescopic section II
- 3** Telescopic section III
- 4** Cutouts
- 5** Locking pins on the telescoping cylinder
- 6** Cutouts
- 7** Locking pins on the telescopic section
- 8** Telescoping cylinder (piston rod)
- 9** Basic section
- 10** Mechanism



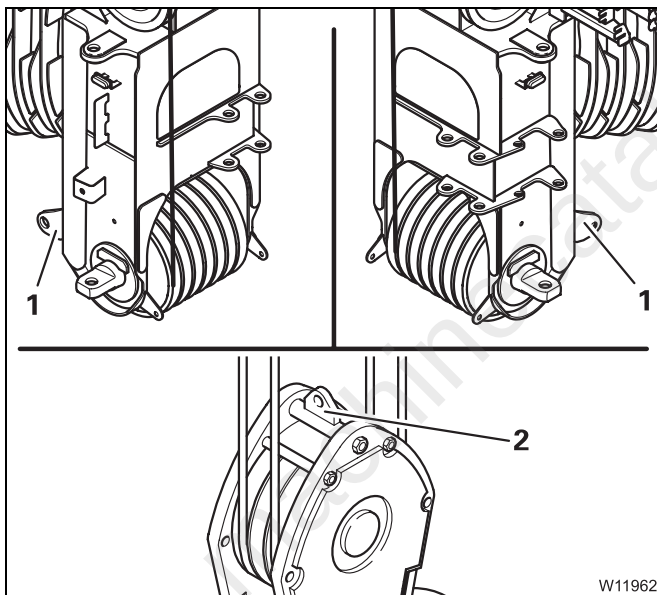


Reeving the hoist rope

- A** for the main hoist rope
B for the auxiliary hoist rope

- Guide the hoist rope over the upper head sheave (1) to the lower head sheave (2).
- Guide the hoist rope from the front around the outer pulley (3) of the hook block, upwards to the main boom head.
- Guide the hoist rope from the rear over the next required head sheave (4) etc.
- Reeve the hoist rope with the required number of lines.

Possible reevings; ■■■► p. 13 - 96.



Fastening the hoist rope

The fixed point used depends on the number of reeved rope lines.

- **Fixed point for an even number of lines**
The rope end clamp is fastened to the fixed point (1) with 2-fall, 4-fall, 6-fall etc. reevings.
- **Fixed point for an odd number of lines**
The rope end clamp is fastened to the fixed point (1) with 2-fall, 3-fall, 5-fall etc. reevings.



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Grove GMK 4100L all terrain crane operator manual covering controls, safe operation, setup and driving. 4 PDF files, English and German.

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