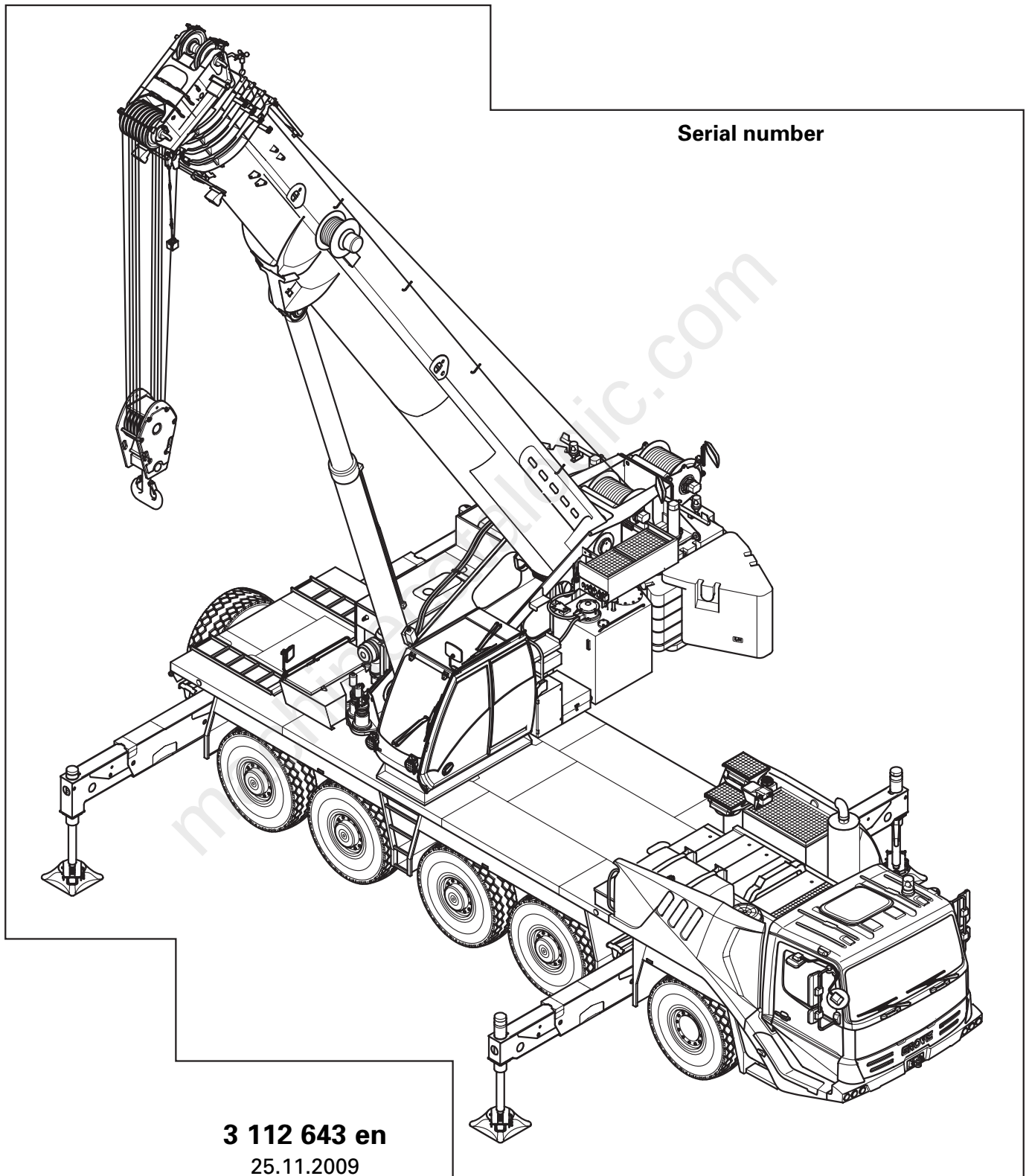


GROVE **GMK 5110-1**

Operating instructions Part 1 – Driving



Grove

Manitowoc

National Crane

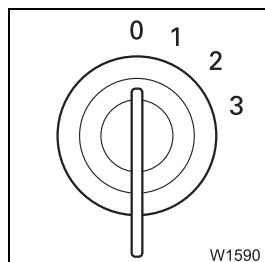
Potain

Manitowoc
Crane Care

3.2.4

Engine

Steering column



Ignition lock

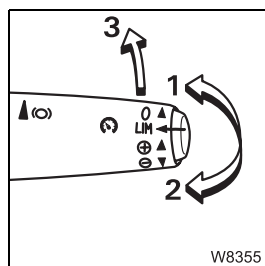
- 0** Ignition off, engine off, key can be removed
- 1** Power supply on for:
Heating, engine/transmission diagnostics, radio/telephone, enabling of steering lock
- 2** Ignition on, driving position
- 3** Starting position

➡ p. 4 - 9

Lock/unlock steering column ➡ p. 5 - 13

Multipurpose switch

Different functions are carried out by activating the multipurpose switch in the same way.

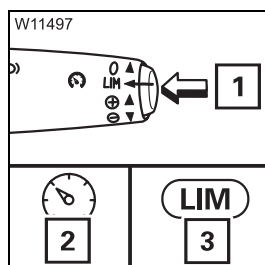


– Set idling speed

The truck crane is stationary.

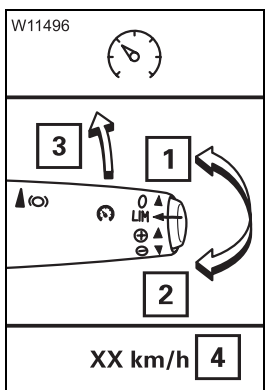
- 1 Up:** Increase the idling speed
- 2 Down:** Reduce the idling speed
- 3 To the front:** Idling speed setting off

➡ p. 4 - 19



– Selecting tempomat/tempoaset

- 1 Press once:**
 - Display (3) – tempoaset selected
 - Display (2) – tempomat selected



– Setting the Tempomat

Tempomat selected, speed at least 15 km/h

- 1 Up:** Switch on or increase the speed (4)
- 2 Down:** Switch on or decrease the speed (4)
- 3 To the front:** Switch off

Tempomat on = current speed (4) is maintained

➡ p. 5 - 41

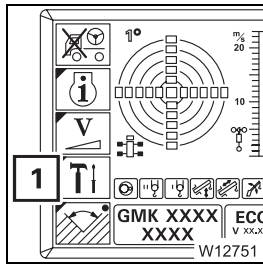
6 Driving modes

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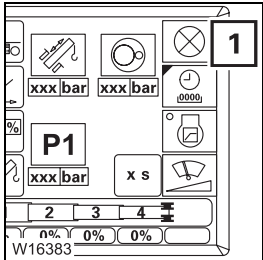
¹⁾ ➡ *Separate operating instructions*





Conducting the lamp test

- If necessary, open the main menu **Esc** and press the button **(1)** once. The *Settings* submenu opens.

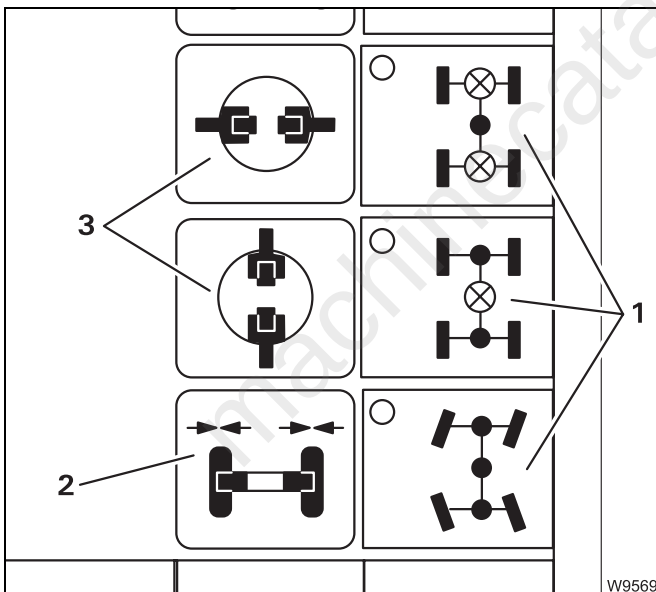


- Press the button **(1)**. The above lamps light up until you let go of the button again.

If necessary, you can set the minimum brightness of the display;
➡ p. 10 - 10.

Equalisation of the switching states

If the system features a *Driving* submenu, the switching states of the differential locks and the separate steering are equalised when the ignition is switched on.



The state last saved is retrieved.

In the *Driving* submenu, the corresponding symbols **(1)** are shown and the electronics system triggers the switching operations.

The displays **(2)** and **(3)** show the current switching states on the carrier.

If the display **(2)** does not show the symbol that corresponds to the switching process, you must actuate the steering so that the locking processes are performed mechanically;
➡ p. 13 - 17.

		Rigged outrigger span 7.80 x					Free on wheels		
		2.50 m	5.10 m	5.90 m	6.70 m	7.50 m			
Rigged counterweight	1.0 t	1)	Slewing permitted					Slewing not permitted ²⁾	
	3.5 t								
	6.0 t	Slewing not permissible							
	8.5 t								
	11.0 t								
	13.5 t								
	16.0 t								
	18.5 t								
	21.0 t								
	23.5 t								Rigging modes not permitted
	26.0 t								
28.5 t									
40.1 t									

- 1) Slewing only permitted if the radius permitted in the working range is observed (at least 3.0 m);  *Lifting capacity table*
- 2) Only 0° working range to the rear permitted

Designation	Amperage (A)	Function
F4/1	10	Engine electronic system (ADM)
F4/2	10	24 V/12 V voltage transformer Crane cab lighting Air traffic control light Radio
F4/3	3	Engine electronic system diagnostics plug
F4/4	25	Air-conditioning system
F4/5	–	Free
F4/6	15	Heating system
F4/7	20	Battery heating ¹⁾
F4/8	–	Free

¹⁾ additional equipment

Designation	Amperage (A)	Function
F5/1	15	Spotlights
F5/2	15	Spotlights
F5/3	15	Windscreen wiping and washing system, cigarette lighter
F5/4	10	Heating system
F5/5	5	Instrument panel lighting
F5/6	5	Voltage monitoring Engine electronic system diagnostics plug
F5/7	10	Heater fan
F5/8	5	Fan

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Grove GMK 5110-1 all terrain crane operator manual covering controls, safe operation, rigging and driving. 5 PDF files. Instant PDF download.

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