OPERATOR'S MANUAL

Excavators Wheeled EW200



NEW HOLLAND
CONSTRUCTION

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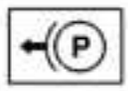
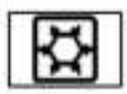
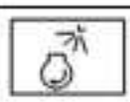
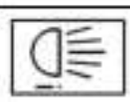
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Supplementary control panel (Fig. 8)

No.	Element		Function	Symbol
43	Rocker switch	Hydraulic servo control	Activate hydraulic servo control - press switch surface without symbol Deactivate hydraulic servo control - press switch surface with symbol	
44	Rocker switch with lock	Parking brake	Apply parking brake - (activate only when machine is stationary) Press switch surface without symbol (this also locks the rocker switch; the pilot lamp (42) lights up, the swing axle is blocked) Release parking brake - Unlock switch and press switch surface with symbol (pilot lamp (42) goes out; the swing axle is free unless blocked with switch (52))	
45	Potentiometer	Engine speed control	knob turned counter-clockwise - idling knob turned clockwise - max. engine speed	
46	Key-switch	Electrical system	activation and deactivation of the electrical system / preheating and starting of the engine, stopping of the engine	
47	Rocker switch	Air conditioning system (Option)	symbol side up - air conditioning system OFF symbol side down - air conditioning system ON (see: "Air conditioning system for excavators")	
48	Key	Cold starting aid	cold weather starting using starting fluid (see: "Starting the engine with cold-starting fluid")	
49	Rocker switch	Scrap shears (Option)	switches between hammer and scraper shears operation symbol side up - hammer operation ON symbol side down - scrap shears ON	
50	Rocker switch with lock	Refuelling system (Option)	switching on the refuelling system - set symbol face of rocker switch to middle position, unlock and depress symbol face briefly. (switch returns to middle position after releasing) switching off the refuelling system - depress switch face with slide lock.	
51	Rocker switch	Floodlights rear (Option)	symbol side up - floodlights rear OFF. symbol side down - floodlights rear ON.	

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Loading hooks on backhoe buckets and couplers

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(optional equipment)

To enable hydraulic excavators to be used for lifting purposes too, backhoe buckets and couplers are available with welded loading hooks (Fig. 1 and 2) (option).

⚠ WARNING

Before attaching loads:

Read and observe: "Lifting gear operation - Safety instructions".

Switch on the overload warning system before starting work.

Attach the load only to the load hook provided for this purpose.

Extra important for load hook on linking element:

If a different working attachment (e.g. a grab) is mounted instead of the backhoe, the linking element and toggle lever must be joined with a locking pin.

In this case the load hook must not be used for lifting loads.

The locking pin is not designed for such loads and may bend or suddenly break. In this case the linking element and attached load suddenly start to swing.

The swinging load may get out of control, resulting in injury or damage. In extreme cases, the stability of the machine may be at risk.

So:
Never attach loads to the load hook of a locked linking element.

Always use the load hooks/lugs on the attachment (e.g. grab). If the attachment is not equipped with a load hook but a load has to be moved, the locking pin can be removed from the linking element and toggle lever as long as the load hook on the linking element has to be used.

Loading hook capacity

The maximum capacity of the loading hook is marked on the hook (Fig. 1 and 2).

Excavator load capacity

The admissible load capacity depending on working equipment and working radius is given in the "Load capacities" table, cf. "Technical Data".

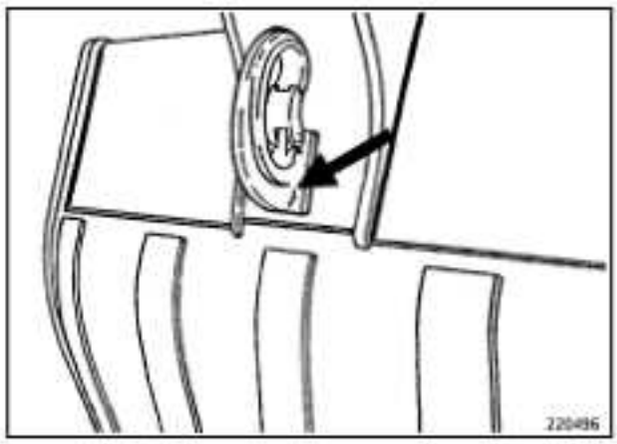


Fig. 1

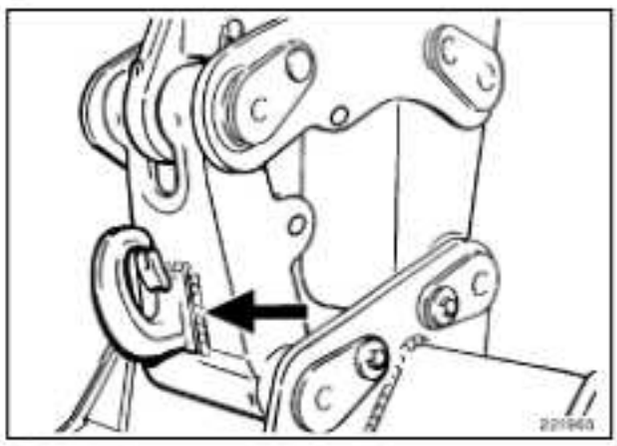


Fig. 2 □

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Lubricating chart - Grease Undercarriage (Key to chart Fig. 2)

Pos.	Greasing point	Number	Lubricant properties	Greasing every ... operating hours
1	Slewing ring - grease filling of gearing	1		250
2	Slewing ring - bearing	2		50
3	Levelling blade bearing and levelling blade cylinder	12		250
4	Universal joints of cardan shafts	2		250
5	Steering knuckle pin	4		250
6	Stub axle joint	4		250
7	Tie-rods	4		50
8	Floating-axle blocking - Bearing faces of piston rods	2		250
9	Floating-axle pin	2		50

Filling quantities - grease

Lubricating point, component	Lubricant properties	Refilling quantity in kg
Gearing of slewing ring (permanent grease filling)	V 1)	approx. 6,0

1) cf. "LUBRICANTS" section □

Joints and hinges

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Grease or oil all joints and hinges, e.g. on covers and flaps, in accordance with the inspection and servicing plan. □

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