EEAM004900

Operation & Maintenance Manual

KOMATSU®

PC95-1

HYDRAULIC EXCAVATOR

SERIAL NUMBERS **PC95-1 -5000007** and up

March 1995

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11.2.1 MACHINE CONTROLS

1 - ARTICULATED BOOM CONTROL PEDAL

This pedal controls the extending and retracting movement of the articulated boom as shown.



N - Neutral
A - Extend boom
B - Retract boom

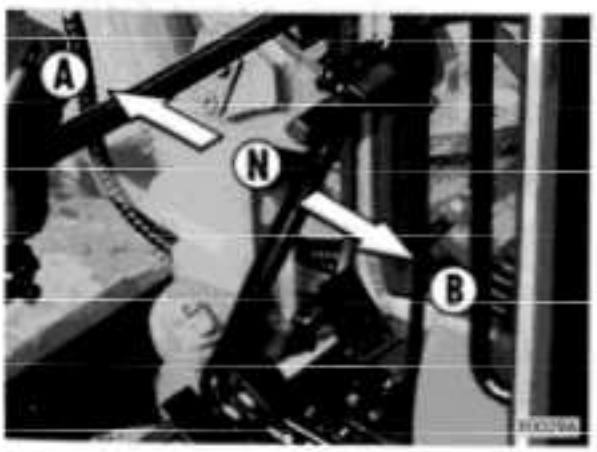
All boom movements are disabled if the equipment control lock is engaged. (See pos.10.)

2 - 3 TRANSLATION AND STEERING LEVER

WARNING

- **Make sure that the revolving frame is turned to face the blade before moving off. If the revolving frame is facing the other way, the effect of the steering and controls will be reversed.**
- **Make sure that the working brake is off and that all safety locks are engaged before moving off.**
- **Failure to observe these precautions can lead to serious accidents.**

The drive levers control the left and right track drive motors in forward and reverse according to the following diagram.



N - Neutral
A - Forward drive
B - Reverse drive

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FUSES (A)

	Pos.	Colour	Capacity A.	Circuit protected
FUSE BOX (A1)	1	Brown	7,5	Engine stop
	2	Brown	7,5	Servocontrols
	3	Violet	3	Alarm buzzer
	4	Red	10	Lights, instruments
	5	Orange	5	Car radio
	6	Brown	7,5	Straight drive, disabling of 2nd speed
	7	Brown	7,5	Wiper, rooflight
	8	Violet	3	Instruments power supply
	9	Brown	7,5	Vorking mode
	10	Brown	7,5	Working brake
	11	Violet	3	Pre-heating box (15)
FUSE BOX (A2)	1	Red	10	Horn
	2	Brown	7,5	Speed increase electrovalve
	3	Red	10	Heater
	4	Red	10	Hammer, clamshell
	5	Brown	7,5	Cab (30)
	6	Blue	15	Glow plug
	7	Red	10	Traffic beam
	8	Blue	15	Driving beam
	9	Brown	7,5	Working lamp
	10	Blue	15	Socket
	11	Red	10	Rotary beacon

FUSES (B)

Pos.	Capacity A.h	Circuit protected
1	80	Alternator
2	50	General system

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23.4 NOTES ON LUBRICATION

- Correct lubrication ensures smooth operation, prevents wear, and eliminates noise at articulations and joints.
  Lubrication involves the application of either oil or grease.
- Lubrication maintenance includes:
  1 - Checking lubricant levels;
  2 - Changing oil;
  3 - Greasing articulations via the greasing nipples.
- Only use recommended lubricants, and choose those most suitable for the ambient temperature.
- Always clean the greasing nipples before pumping in fresh grease. Pump in fresh grease until it starts to exude from the articulation or joint, and then clean up all the old grease which has been expelled. This is particularly important on rotating parts.
- Keep lubricants topped up to the correct levels. Too low or too high levels can lead to damage.

23.5 PARTS SUBJECT TO RAPID WEAR AND REQUIRING REGULAR REPLACEMENT

Consumable parts such as filters, bucket teeth, etc. must be replaced during scheduled maintenance or whenever they wear out.
Replacement of these components during scheduled maintenance enables a more economical use of the machine.
Only use original Komatsu spare parts, which guarantee quality and interchangeability.

GROUP	CODE	PART	Q.ty	FREQUENCY OF REPLACEMENT
Hydraulic fluid filter	21D-60-11130	Filter element	1	EVERY 250 HOURS
Servocontrol filter	21D-60-11220	Filter element	1	EVERY 250 HOURS
Engine oil filter	6810-51-5130	Filter element	1	EVERY 250 HOURS
Fuel filter	6810-71-6110	Filter element	1	EVERY 500 HOURS
Air filter	21D-02-11160	Main filter element	1	EVERY 500 HOURS
	21D-02-11170	Backup filter element	1	EVERY 1000 HOURS
Bucket	21D-926-1180	Teeth	Varies	—
	21D-926-1190	Rubber dowels	Varies	—
	21D-926-1210	Rubber dowels	Varies	—

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