TEN00023-01

Operation & Maintenance Manual

HYDRAULIC EXCAVATOR

PC200-7 PC200LC-7
PC220-7 PC220LC-7

SERIAL NUMBERS PC200-250001 and up
PC220- 65001

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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WORK EQUIPMENT CONTROLS AND OPERATIONS

⚠ WARNING

- **If the lever is operated when the auto-deceleration is being actuated, the engine speed will suddenly rise, so be careful when operating the lever.**
- **If the work equipment control lever is operated quickly, the work equipment will move quickly; if the lever is operated slowly, the work equipment will move slowly.**

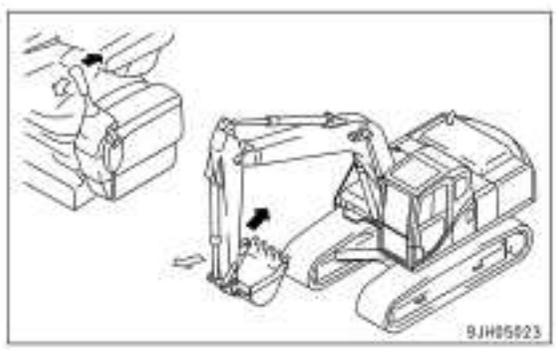
The work equipment is operated by the left and right work equipment control levers.The left work equipment control lever operates the arm and swing, and the right work equipment control lever operates the boom and bucket.

The movements of the lever and work equipment are as shown in the diagrams on the right.When the levers are released, they automatically return to the neutral position and the work equipment is held in place

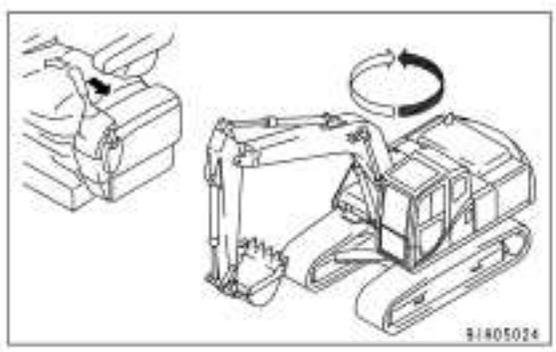
- When the machine is at a standstill, and the work equipment levers are put in neutral, the engine speed is kept at medium speed due to the function of the auto-deceleration, even if the fuel control dial is set at the MAX position.

REMARK
If the levers are operated within 15 seconds after stopping the engine, it is possible to lower the work equipment to the ground.
In addition, the levers can also be operated to release any remaining pressure inside the hydraulic cylinder circuit and to lower the boom after loading the machine on a trailer.

Arm operation



Swing operation



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MAINTENANCE PROCEDURE

INITIAL 250 HOURS MAINTENANCE (ONLY AFTER THE FIRST 250 HOURS)

Carry out the following maintenance only after the first 250 hours of operation on new machines.

- Replace Fuel Filter Cartridge

  Special tools are needed for inspection and maintenance, so contact your Komatsu distributor.

For details of the method of replacing or maintaining, see the section on EVERY 500 HOURS and 2000 HOURS SERVICE.

INITIAL 1000 HOURS MAINTENANCE (ONLY AFTER THE FIRST 1000 HOURS)

Carry out the following maintenance only after the first 1000 hours of operation on new machines.

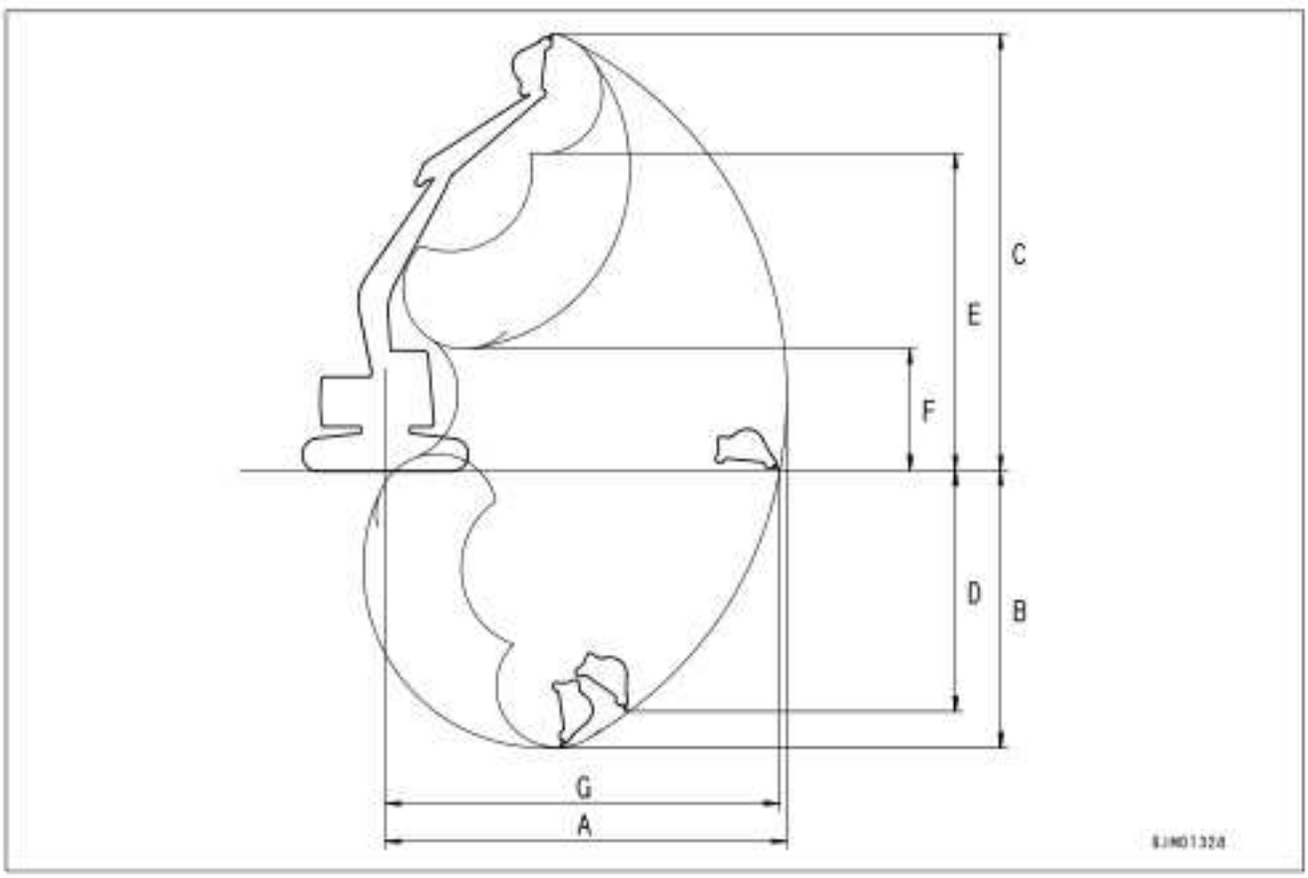
- Check engine valve clearance, adjust

  Special tools are needed for inspection and maintenance, so contact your Komatsu distributor.

For details of the method of replacing or maintaining, see the section on EVERY 2000 HOURS SERVICE.

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	Working ranges	Unit	PC200-7	PC200LC-7	PC220-7	PC220LC-7
A	Max. digging reach	mm (ft in)	9,875 (32'5")		10,180 (33'5")	
B	Max. digging depth	mm (ft in)	6,620 (21'9")		6,920 (22'8")	
C	Max. digging height	mm (ft in)	10,000 (32'10")		10,000 (32'10")	
D	Max. vertical wall depth	mm (ft in)	5,980 (19'7")		6,010 (19'9")	
E	Max. dumping height	mm (ft in)	7,110 (23'4")		7,035 (23'1")	
F	Min. dumping height	mm (ft in)	2,645 (8'8")		2,530 (8'4")	
G	Max. reach at ground level	mm (ft in)	9,700 (31'10")		10,020 (32'10")	



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