TEN00354-01

# Operation & Maintenance Manual

HYDRAULIC EXCAVATOR

**PC200-8 PC200LC-8**
**PC220-8 PC220LC-8**

SERIAL NUMBERS PC200-315312 and up
PC220- 80361

ecot3

**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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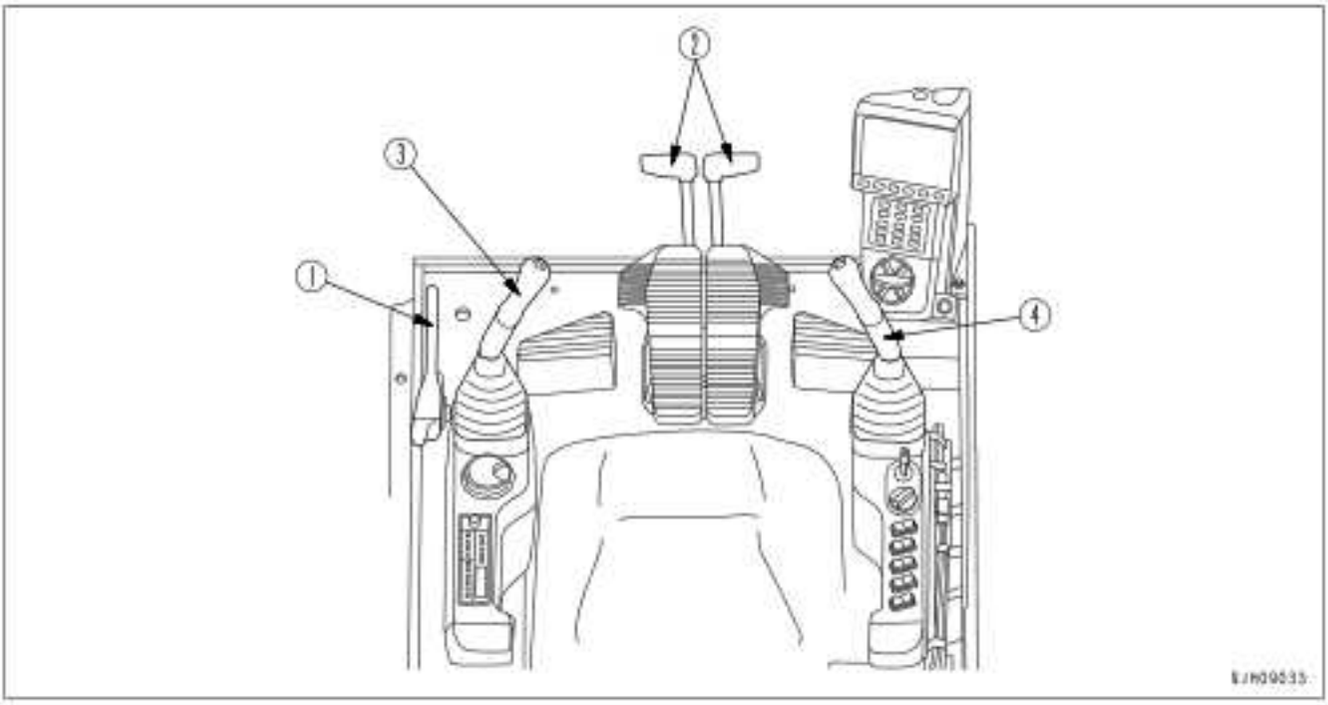
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## CONTROL LEVERS AND PEDALS




(1) Lock lever
(2) Travel levers
(with pedal and auto-deceleration system)
(3) Left work equipment control lever
(with auto-deceleration system)
(4) Right work equipment control lever
(with auto-deceleration system)

### Lock Lever

**WARNING**

- **When leaving the operator's compartment, set the lock lever securely to the LOCK position. If the lock lever is not at the LOCK position and the control levers or control pedals are touched by mistake, it may lead to serious personal injury.**
- **Check that the condition of the lever is as shown in the diagram.**
- **When pulling the lock lever up, be careful not to touch the work equipment control lever.**
  **When pushing the lock lever down, be careful not to touch the work equipment control lever.**

This lever (1) is a device to lock the work equipment, swing, travel, and attachment (if equipped) control levers.

(L) LOCK position: Even when levers or attachment control pedal (if equipped) are operated, machine does not move
(F) FREE position: Machine moves according to operation of levers or attachment control panel (if equipped)




**REMARK**
This lock lever is of hydraulic lock type. Accordingly, when it is in the lock position (L), the control levers or control pedals move but the machine does not move.



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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 PRE-FILTER CARTRIDGE

For details of the method of maintaining, see EVERY 500 HOURS MAINTENANCE.

## INITIAL 500 HOURS MAINTENANCE (ONLY AFTER THE FIRST 500 HOURS)

Carry out the following maintenance only after the first 500 hours of operation on new machines.

- REPLACE FUEL MAIN FILTER CARTRIDGE

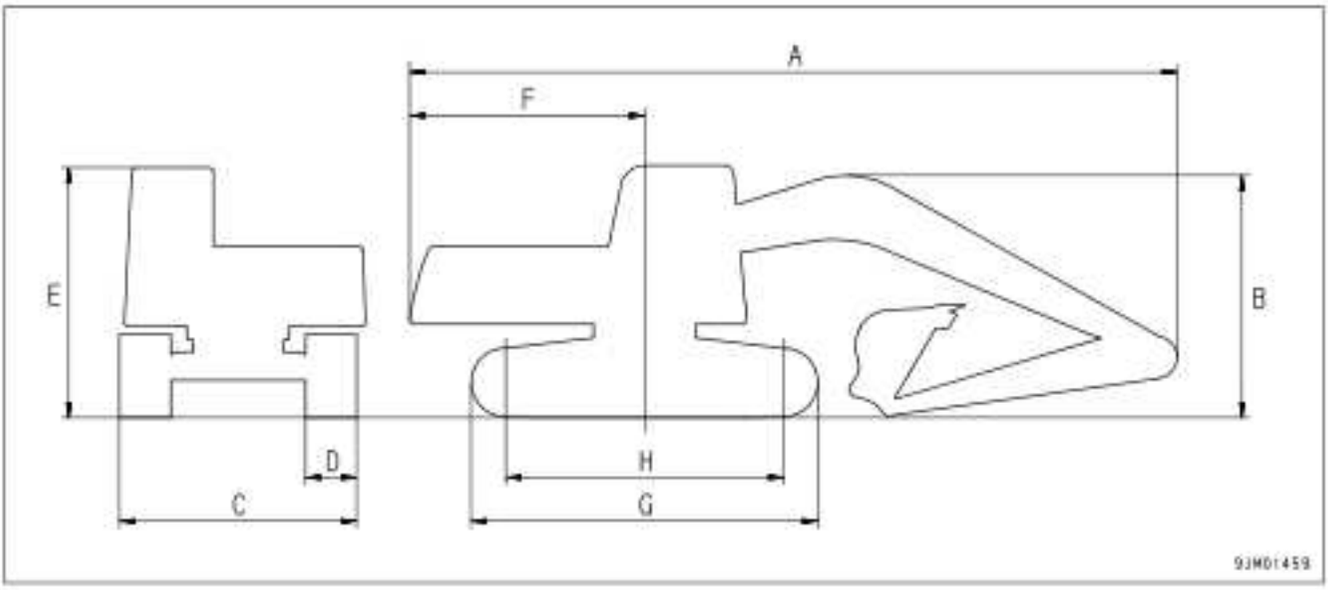
For details of the method of replacing or maintaining, see the section on EVERY 1000 HOURS SERVICE.



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# SPECIFICATIONS

| | Item | Unit | PC200-8 | PC200LC-8 | PC220-8 | PC220LC-8 |
|---|---|---|---|---|---|---|
| | Operating weight | kg (lb) | 19,500 (42,998) | 20,900 (46,085) | 22,900 (50,495) | 24,330 (53,648) |
| | Bucket capacity | $m^3$ (cu.yd) | 0.8 (1.05) | | 1.0 (1.3) | |
| | Name of engine | - | KOMATSU SAA6D107E-1 diesel engine | | | |
| | Engine horsepower | kW (HP)/rpm | 110 (148)/2,000 | | 125 (168)/2,000 | |
| A | Overall length | mm (ft in) | 9,425 (30' 11") | 9,425 (30' 11") | 9,885 (32' 5") | 9,885 (32' 5") |
| B | Overall height | mm (ft in) | 2,970 (9' 9") | 2,970 (9' 9") | 3,185 (10' 5") | 3,185 (10' 5") |
| C | Overall width | mm (ft in) | 2,800 (9' 2") | 3,080 (10' 1") | 2,980 (9' 9") | 3,280 (10' 9") |
| D | Track width | mm (ft in) | 600 (1' 12") | 700 (2' 4") | 600 (1' 12") | 700 (2' 4") |
| E | Height of cab | mm (ft in) | 3,040 (9' 12") | | | |
| F | Radius of upper structure | mm (ft in) | 2,750 (9' 0") | 2,750 (9' 0") | 2,940 (9' 8") | 2,940 (9' 8") |
| G | Length of track | mm (ft in) | 4,070 (13' 4") | 4,450 (14' 7") | 4,260 (13' 12") | 4,640 (15' 3") |
| H | Tumbler center distance | mm (ft in) | 3,275 (10' 9") | 3,655 (11' 12") | 3,460 (11' 4") | 3,845 (12' 7") |
| | Min. ground clearance | mm (ft in) | 440 (1' 5") | 440 (1' 5") | 440 (1' 5") | 440 (1' 5") |
| | Travel speed (Lo/Mi/Hi) | km/h (MPH) | 3.0/4.1/5.5 (1.9/2.5/3.4) | | 3.1/4.2/5.3 (1.9/2.6/3.3) | |
| | Swing speed | rpm | 12.4 | | 11.7 | |






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