TEN00681-00

Operation & Maintenance Manual

HYDRAULIC EXCAVATOR

PC200-8M0 **PC200LC-8M0**
PC220-8M0 **PC220LC-8M0**

SERIAL NUMBERS PC200-400088 and up
PC220-100101

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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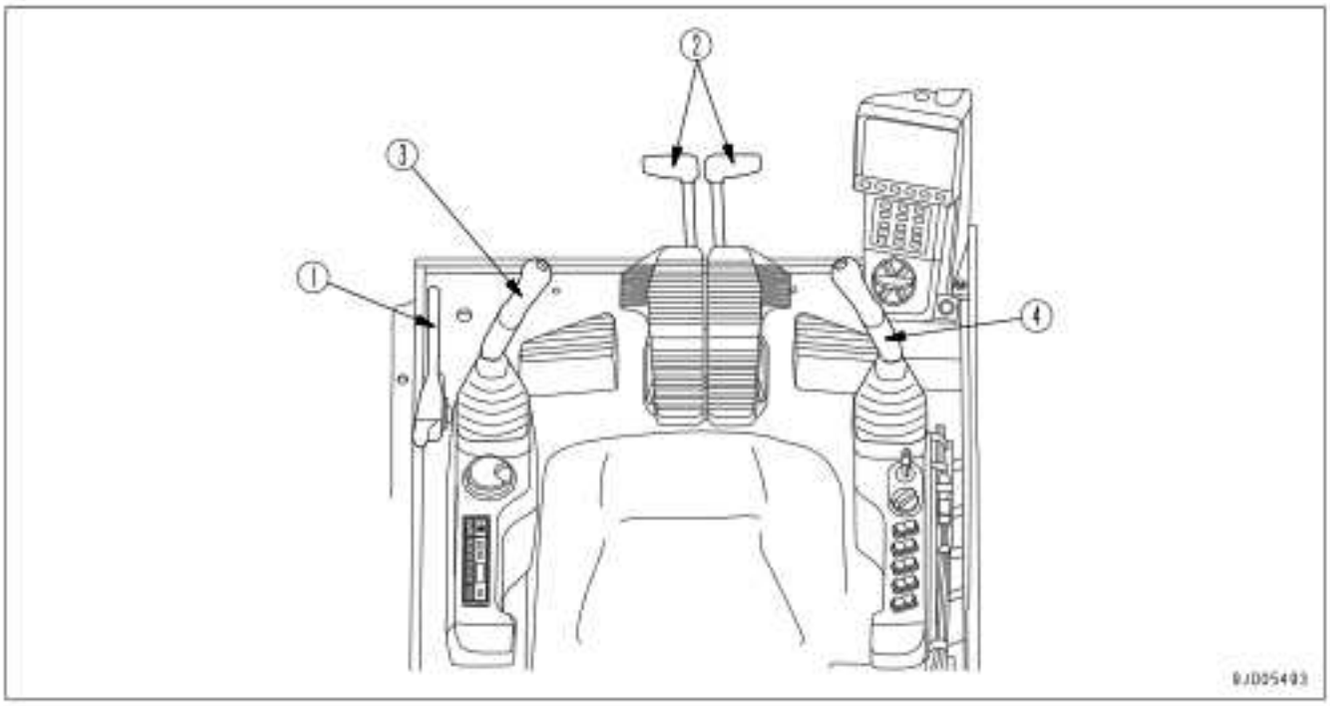
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CONTROL LEVERS AND PEDALS



(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 LOCK position. If the lock lever is not at 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 figure.**
- **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 LOCK position (L), the control levers or control pedals move but the machine does not move.

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EVERY 500 HOURS MAINTENANCE

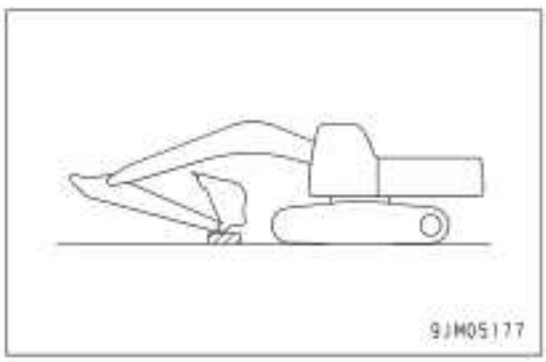
Maintenance for every 100 and 250 hours should be performed at the same time.

LUBRICATION

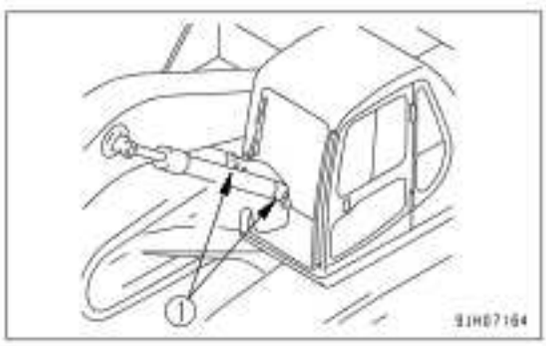
NOTICE

- **If any abnormal noise is generated from any greasing point, perform greasing regardless of the greasing interval.**
- **Perform greasing every 10 hours for the first 50 hours on a new machine. Perform the greasing also at 250 hours and 500 hours on a new machine.**
- **After the machine was subjected to jobs in the water, be sure to grease the wet pins.**
- **When performing heavy-duty operations, such as hydraulic breaker operations, perform the greasing every 100 hours.**

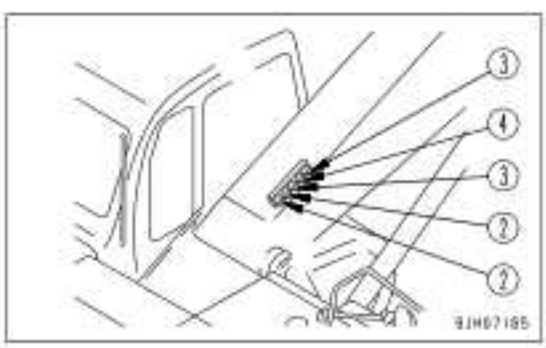
1. Set the machine to the greasing posture shown on the right, lower the work equipment to the ground, then stop the engine.
2. By using a grease pump, pump in grease through the grease fittings shown by arrows.
3. After greasing, wipe off any old grease that was pushed out.



(1) Boom cylinder foot pin (2 places)

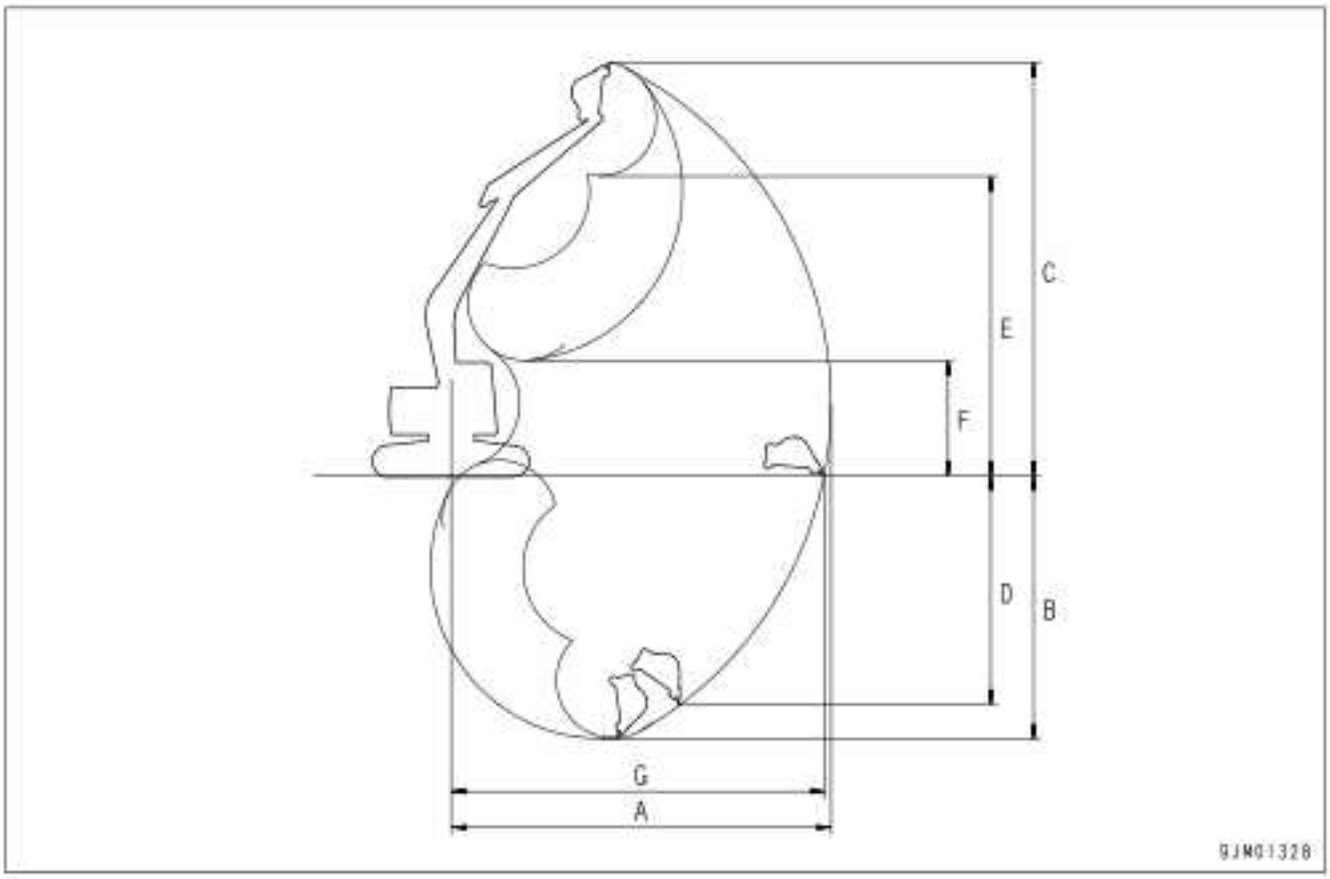


(2) Boom foot pin (2 places)
(3) Boom cylinder rod end pin (2 places)
(4) Arm cylinder foot pin (1 place)



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	Working ranges	Unit	PC200-8M0	PC200LC-8M0	PC220-8M0	PC220LC-8M0
A	Max. digging reach	mm (ft in)	9,875 (32' 5")	9,875 (32' 5")	10,180 (33' 5")	10,180 (33' 5")
B	Max. digging depth	mm (ft in)	6,620 (21' 9")	6,620 (21' 9")	6,920 (22' 8")	6,920 (22' 8")
C	Max. digging height	mm (ft in)	10,000 (32' 10")	10,000 (32' 10")	10,000 (32' 10")	10,000 (32' 10")
D	Max. vertical wall depth	mm (ft in)	5,980 (19' 7")	5,980 (19' 7")	6,010 (19' 9")	6,010 (19' 9")
E	Max. dumping height	mm (ft in)	7,110 (23' 4")	7,110 (23' 4")	7,035 (23' 1")	7,035 (23' 1")
F	Min. dumping height	mm (ft in)	2,645 (8' 8")	2,645 (8' 8")	2,530 (8' 4")	2,530 (8' 4")
G	Max. digging reached at ground level	mm (ft in)	9,700 (31' 10")	9,700 (31' 10")	9,700 (31' 10")	9,700 (31' 10")



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