SEAM053202T

Operation & Maintenance Manual

GALEO

PC600-7
PC600LC-7

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC600-7 20001 and up
PC600LC-7 20001 and up

October 2006

KOMATSU

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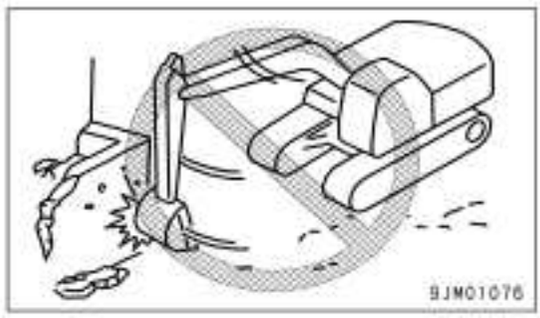
PROHIBITED OPERATIONS

⚠ WARNING

- **If it is necessary to operate the work equipment control lever when the machine is traveling, stop the machine, then operate the control lever.**
- **If any lever is operated when the auto-deceleration is being actuated, the engine speed will suddenly increase, so be careful when operating.**

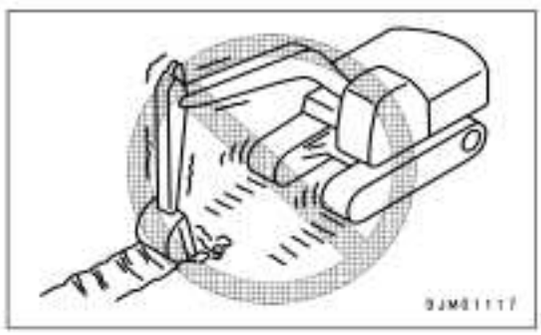
Operations Using Swing Force

Do not use the swing force to compact soil or break objects. This is not only dangerous, but will also markedly reduce the life of the machine.



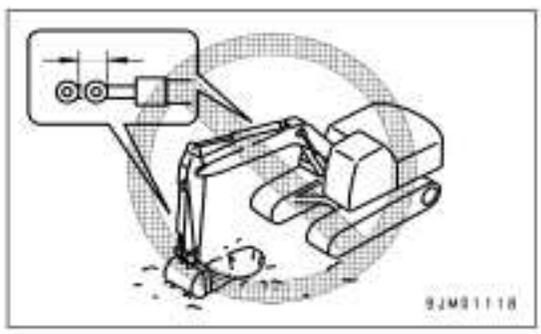
Operations Using Travel Force

Do not dig the bucket into the ground and use the travel force to carry out excavation. This will damage the machine or work equipment.



Prohibition of Operations Using Hydraulic Cylinders to Stroke Ends

If the work equipment is used with the cylinder rod operated to its stroke end, and given impact by some external force, the hydraulic cylinders will be damaged, causing personal injury. Avoid operations with the hydraulic cylinder fully retracted or fully extended.



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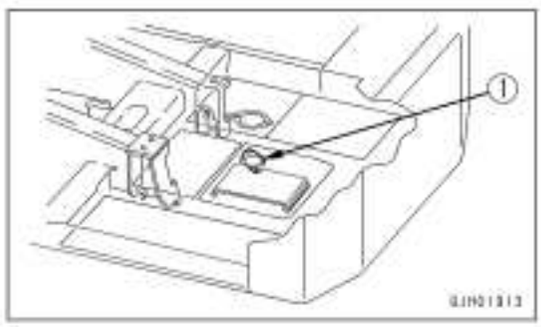
CHANGE OIL IN ENGINE OIL PAN, REPLACE ENGINE OIL FILTER CARTRIDGE

⚠ WARNING

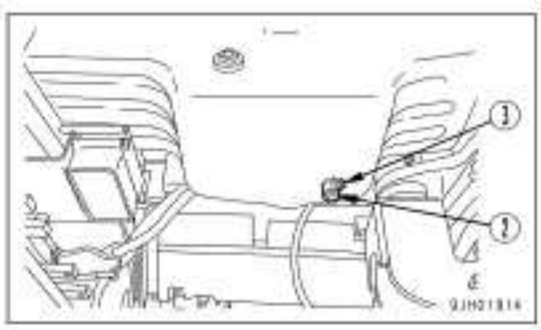
The parts and oil are at high temperature immediately after the engine is stopped, and may cause serious burns. Wait for the temperature to go down before starting the operation.

- Oil pan refill capacity: 40 liters (10.6 US gal)
- Filter wrench

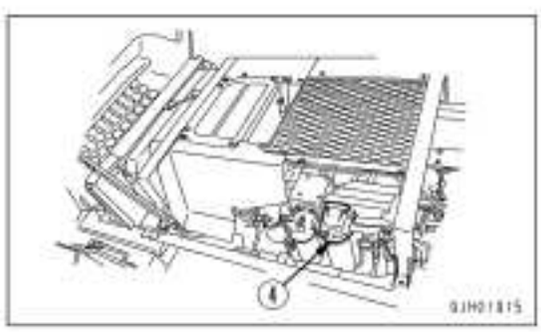
1. Remove cover (1) at the bottom of the engine, then set a container immediately under drain valve (2) to catch the drained oil.



2. Be careful not to get oil on yourself. Move lever (3) of the drain valve down slowly to drain the oil, and after draining the oil, raise the lever to close it.



3. Open the cover of the engine hood, use a filter wrench from the top of the engine, turn filter cartridge (3) to the left, and remove it.



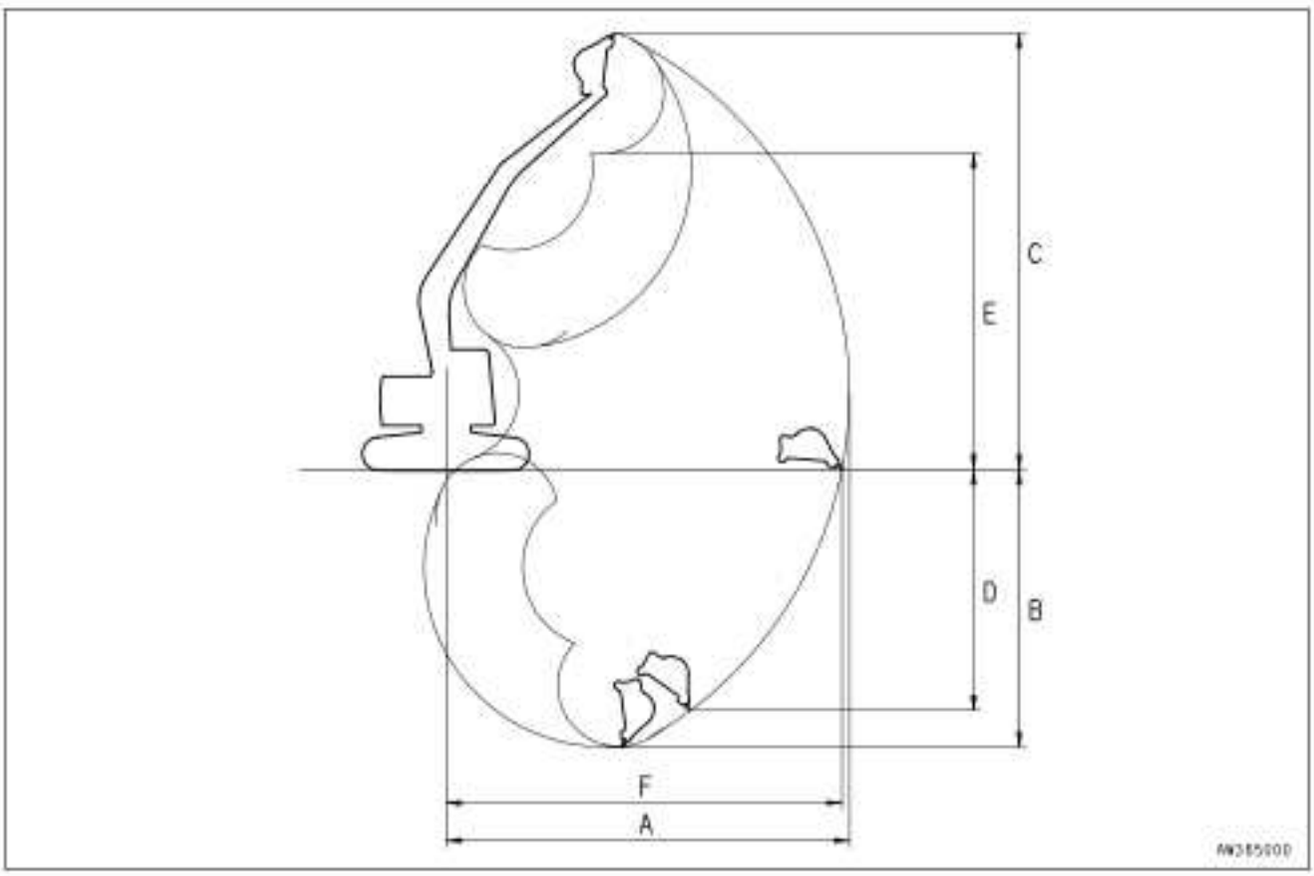
4. Clean the filter holder, fill the new filter cartridge with clean engine oil, coat the thread and packing surface of the new filter cartridge with clean engine oil (or coat it thinly with grease), then install it to the filter holder.

REMARK
Check that there is no old packing affixed to the filter holder. If there is any old packing affixed to the filter, it will cause leakage of oil.

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	Working ranges	Unit	PC600-7	PC600LC-7
A	Max. digging reach	mm (ft in)	13,020 (42' 9")	13,020 (42' 9")
B	Max. digging depth	mm (ft in)	8,490 (27' 10")	8,490 (27' 10")
C	Max. digging height	mm (ft in)	11,880 (38' 12")	11,880 (38' 12")
D	Maximum vertical wall digging depth	mm (ft in)	7,510 (24' 8")	7,510 (24' 8")
E	Max. dumping height	mm (ft in)	7,960 (26' 1")	7,960 (26' 1")
F	Max. digging reached at ground level	mm (ft in)	12,800 (41' 12")	12,800 (41' 12")



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