SEAM056502T

Operation & Maintenance Manual

GALEO

PC400-7
PC400LC-7
PC450-7
PC450LC-7

HYDRAULIC EXCAVATOR

SERIAL NUMBERS	PC400-7	50001 and up
	PC400LC-7	50001 and up
	PC450-7	20001 and up
	PC450LC-7	20001 and up

September 2004

KOMATSU

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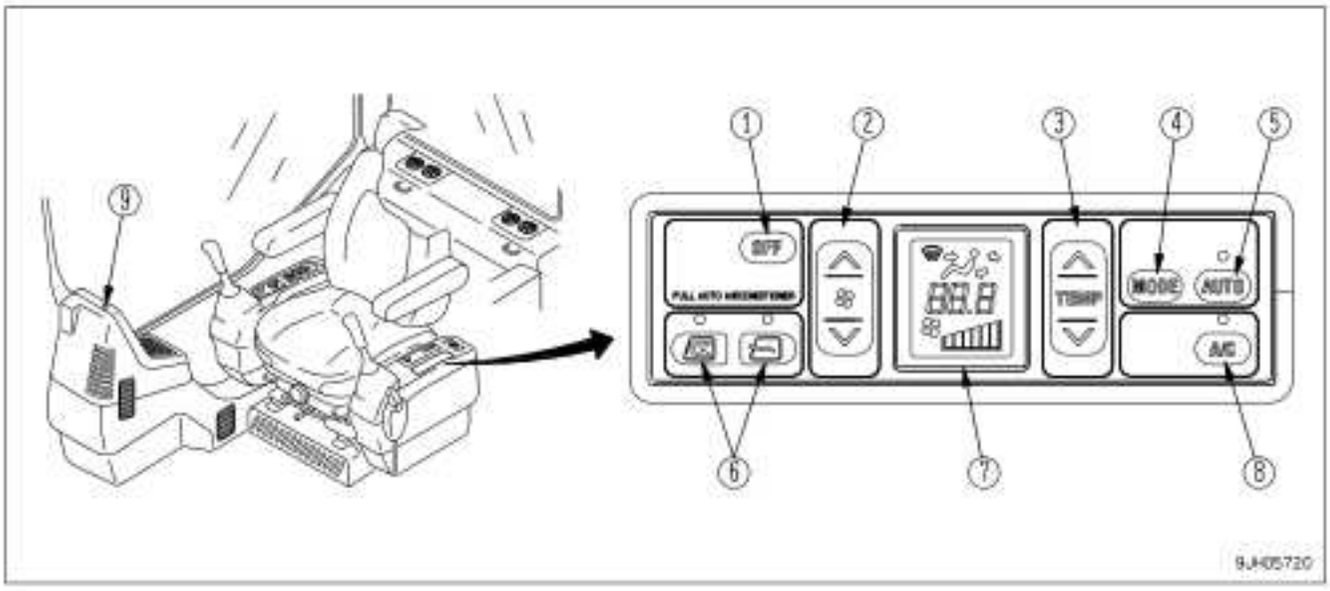
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AIR CONDITIONER CONTROLS

Air Conditioner Control Panel



(1) OFF switch
(2) Fan switch
(3) Temperature control switch
(4) Vent selector switch
(5) Auto switch
(6) RECIRC/FRESH selector switch
(7) Display monitor
(8) Air conditioner switch
(9) Sunlight sensor

OFF Switch

Switch (1) is used to stop the fan and air conditioner.

- When OFF switch (1) is pressed, the set temperature and air flow displayed on monitor (7), the lamps above auto switch (5), and air conditioner (8) go out, and operation stops.



REMARK

When switch (1) is turned to the OFF position, the lamp above FRESH/RECIRC selector switch (6) does not go out, but this is not an abnormality.

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EVERY 1000 HOURS MAINTENANCE

Maintenance for every 250 and 500 hours service should be carried out at the same time.

REPLACE HYDRAULIC OIL FILTER ELEMENT

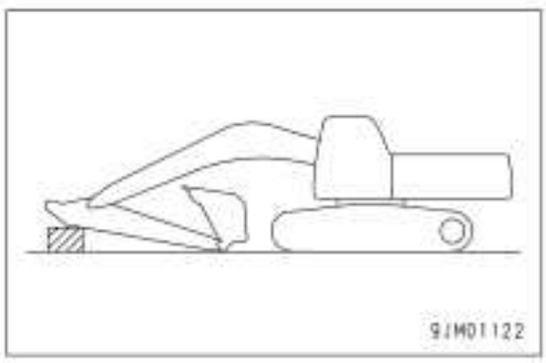
⚠ WARNING

- **The parts and oil are at high temperature after the engine is stopped, and may cause burns. Wait for the temperature to go down before starting the work.**
- **When removing the oil filler cap, turn it slowly to release the internal pressure, then remove it.**

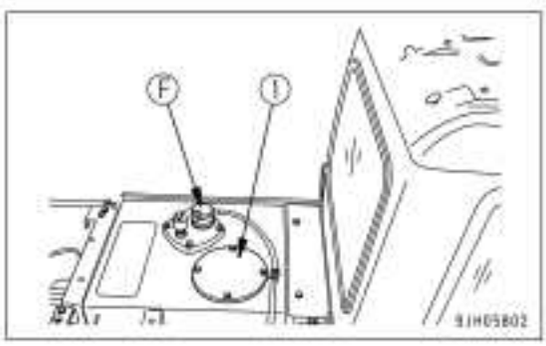
NOTICE

If the machine is equipped with a hydraulic breaker, the hydraulic oil will deteriorate much faster than during normal bucket operations. For details, see "MAINTENANCE INTERVAL FOR HYDRAULIC BREAKER (PAGE 4-17)" when carrying out maintenance.

1. Set the work equipment on the hard and flat ground in the maintenance posture as shown in the figure, then lower it to the ground and stop the engine.



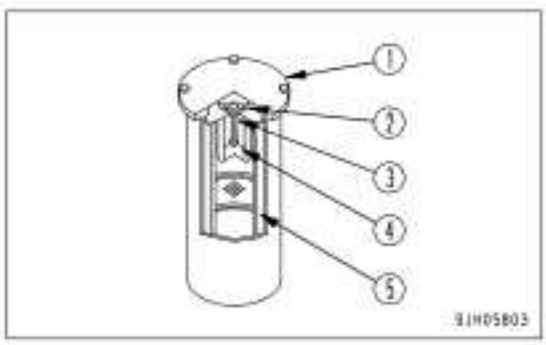
2. Remove the cap from oil filler (F) on top of the hydraulic tank, and release the internal pressure.
3. Loosen 4 bolts, then remove cover (1).
   When doing this, the cover may fly out under the force of spring (2), so hold the cover down when removing the bolts.



REMARK

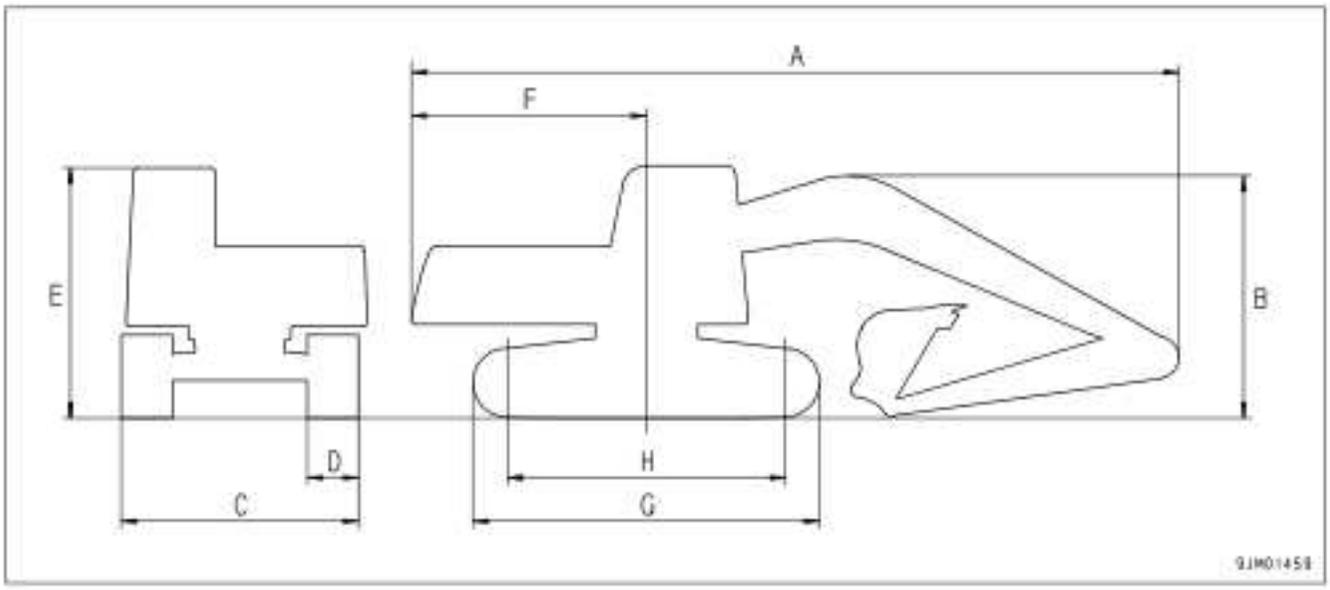
If the mounting bolts of cover (1) are loosened and the cover is left as it is for approx. 5 minutes, the pressure inside the case is released, so the oil in the element is drained and less oil drips when the element is removed.

4. After removing spring (2), valve (3) and strainer (4), take out element (5).
5. Clean the removed parts in diesel oil.
6. Install the new element in the place where old element (5) was installed.
7. Set valve (3) and spring (2) on top of the element.
8. Set cover (1) in position, push it down by hand, and install the cover with the mouning bolts.
9. Screw in the oil filler cap and install the cover.



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- "Variable gauge specification" means the machine can extend and retract overall width (C) of the track frame. "Fixed gauge specification" means the machine cannot extend or retract overall width (C) of the track frame.



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