CEAM012300

Operation & Maintenance Manual

GALEO

PC300LL-7L

LOGGING EXCAVATOR

SERIAL NUMBERS **PC300LL-7L** **A85001** and UP

November 2003

KOMATSU®

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INTRODUCTION

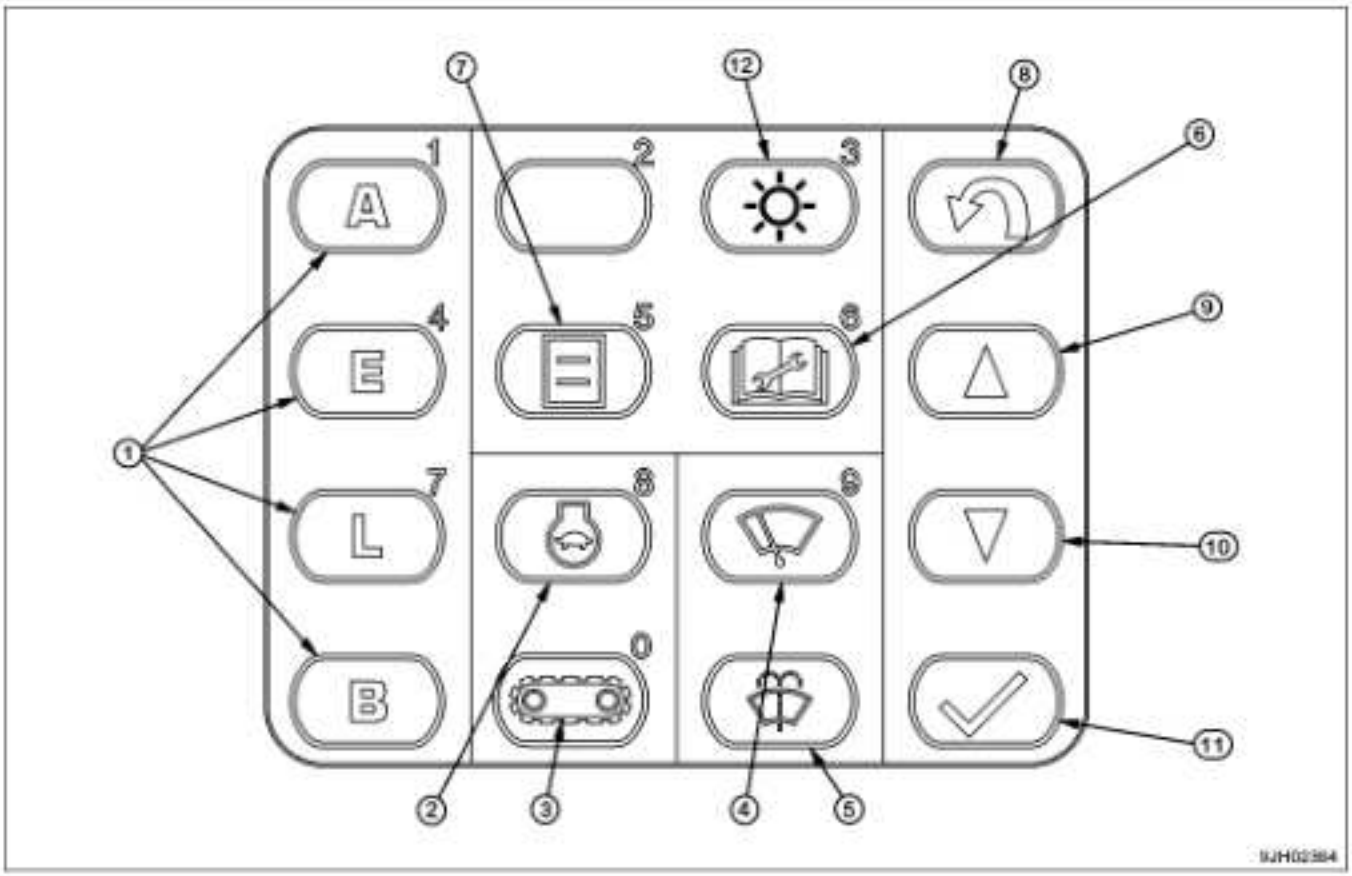
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MONITOR SWITCHES



1. Working Mode Selector Switch (Basic Switch)
2. Auto Deceleration Switch (Selection Switch)
3. Travel Speed Switch
4. Wiper Switch
5. Window Washer Switch
6. Maintenance Switch
7. Select Switch
8. Back Switch
9. Up Switch
10. Down Switch
11. Input Confirmation Switch
12. Adjust Brightness and Contrast

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TRANSPORTATION

When transporting the machine, observe all related laws and regulations, and be careful to assure safety.

TRANSPORTATION PROCEDURE

As a basic rule, transport the machine by trailer.

Select the trailer to match the weight and dimensions given in "SPECIFICATIONS" on page 4-2.

Note that the value for the weight and transportation dimensions given in SPECIFICATIONS may differ according to the type of shoe or type of arm or other attachments.

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MAINTENANCE PROCEDURE

INITIAL 250 HOURS MAINTENANCE

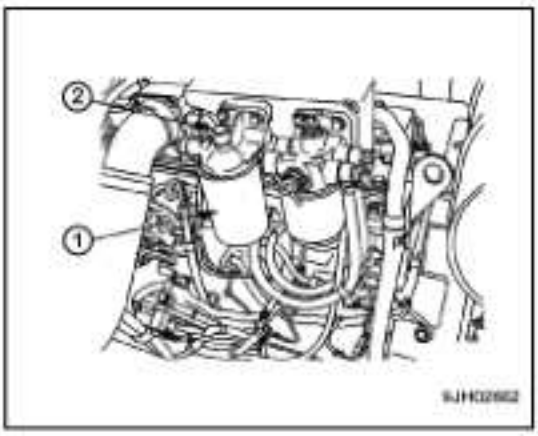
★ Carry out the following maintenance only after the first 250 hours of operation on new machines.

REPLACE THE FUEL FILTER CARTRIDGE

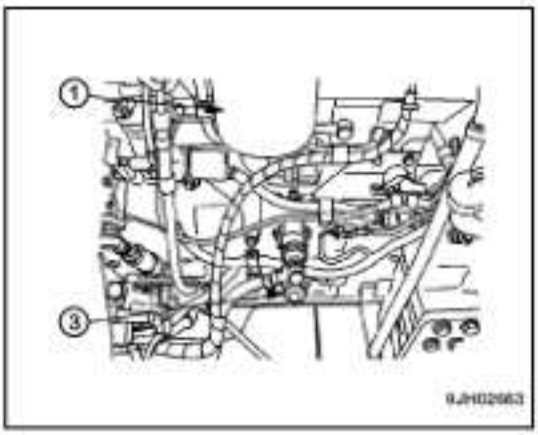
⚠ WARNING

The parts are HOT immediately after operating the engine. Wait for all parts to cool down before replacing the filter. Do not bring fire or sparks near the fuel

Prepare a filter wrench and a container to catch the fuel.



1. Set the container under the filter cartridge to catch the fuel. Using the filter wrench, turn the filter cartridge (1) counterclockwise to remove it.
2. After cleaning the filter holder, fill a new cartridge with clean fuel. Coat the packing surface with engine oil. Install the filter to the filter holder.
3. After bringing the packing surface into contact with the seal surface of the filter holder, tighten the filter an additional one half turn. However, if the filter is tightened excessively, the packing will be damaged and the fuel will leak. But if the filter isn't tightened enough, fuel will also leak. Thus, always tighten the filter correctly.
4. After replacing the fuel filter cartridge, bleed the air from the system.



Bleed as follows:

A. Fill the tank with fuel to the position where the float is at the highest position. Loosen the air bleed plug (2).

B. Loosen the feed pump knob (3). Pump it up and down to cause the fuel to overflow. Continue pumping until bubbles no longer come out from the air bleed plug (2). Tighten the feed pump knob (3).

C. Tighten the air bleed plug (2). Always use a genuine Komatsu filter cartridge. After replacing the filter cartridge, start the engine and check for fuel leakage from the filter seal.

INITIAL 1000 HOURS MAINTENANCE

Perform the following maintenance only after the first 1000 hours of operation for new machines.

- Check the engine valve clearance, adjust. Special tools are needed for inspection and maintenance. Contact your Komatsu distributor. For details see "EVERY 2000 HOURS MAINTENANCE" on page 3-62

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