TEN00685-00

# Operation & Maintenance Manual

HYDRAULIC
EXCAVATOR

**PC210LC-10**

SERIAL NUMBERS 451089 and up

**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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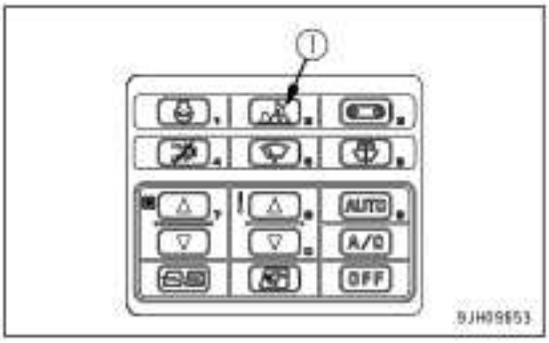
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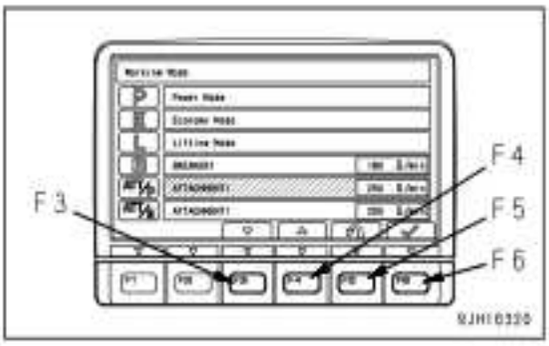


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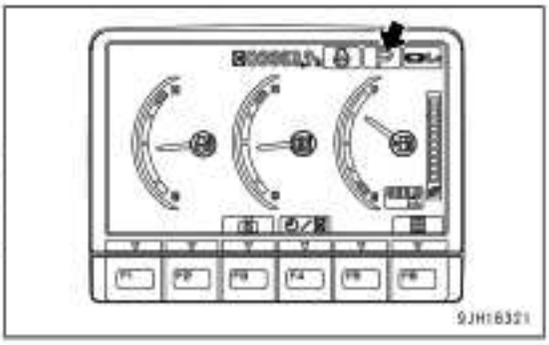
1. When working mode selector switch (1) is pressed, the screen switches to the working mode selection screen.




2. Press the working mode selector switch or, switches F3 or F4 to select the appropriate mode.




3. After selecting the desired mode, press switch F6 to accept the change. The screen returns to the standard screen.
   If switch F5 is pressed, the screen returns to the standard screen without changing the mode.
   - If a working mode is selected, and nothing is done for five seconds, the selected working mode is automatically accepted and the screen returns to the standard screen.
   - If a working mode is selected and working mode selector switch (1) is kept pressed, the selected mode is accepted and the screen returns to the standard screen.
   - If the breaker mode is selected, "Really Set Breaker Mode?" is displayed on the screen.
     To set to the breaker mode, press switch F6.
     If switch F5 is pressed, the screen returns to the working mode selection screen.









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# TRANSPORTATION (ALL-0000-810-K-00-A)

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

## TRANSPORTATION PROCEDURE (PC200_KA-0000-813-K-00-A)

- Select the method of transportation to match the weight and dimensions given in "SPECIFICATIONS ( PAGE 5-2 ) ".
  Note that the weight and dimension given in SPECIFICATIONS (weight and dimension) may differ according to the type of shoe or arm, or other attachments.
- Consult your Komatsu distributor for details of the procedure for transporting machines with a protective guard installed for the operator's cab.
- Please consult your Komatsu distributor for information about handling of handrail.



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# EVERY 5000 HOURS MAINTENANCE (ALL-33G0-015-A-00-A)

Maintenance for every 100, 250, 500 and 1000 hours should be carried out at the same time.

## CHANGE OIL IN HYDRAULIC TANK (PC200_KA-PM30-292-K-00-A)

**⚠ WARNING**

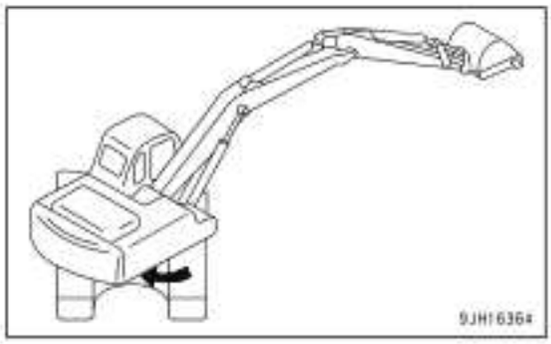
- **The parts and oil are at high temperature immediately after the engine is stopped, and may cause serious burns. Wait for the temperature to go down before carrying out the work.**
- **When removing the oil filler cap, the oil may spout out. Turn it slowly to release the internal pressure, then remove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

**NOTICE**

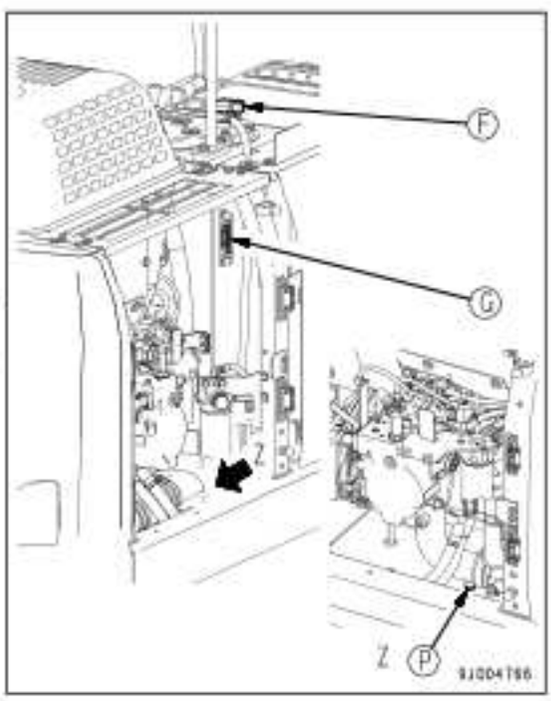
**If the machine is equipped with a hydraulic breaker, the hydraulic oil will deteriorate much faster than in the normal bucket operations. For details, see "MAINTENANCE INTERVAL FOR HYDRAULIC BREAKER ( PAGE 4-13 ) "when carrying out maintenance.**

- Refill capacity: 132 liters (34.87 US gal)
- Prepare a handle (for the socket wrench).

1. Swing the upper structure so that the drain plug on the lower side of the suction tube comes to the middle of the right and left tracks.
2. Retract the arm and bucket cylinder rods, then lower the boom and put the teeth in contact with the ground.
3. Set the lock lever to the LOCK position and stop the engine.




4. Remove the cap of oil filler port (F) at the top of the hydraulic tank.
5. Place the oil container under the drain plug below the suction tube. Using the handle, remove drain plug (P) and drain the oil. Check the O-ring installed to plug (P) for damage. Replace the O-ring with a new one if necessary. After draining the oil, tighten drain plug (P).
   - The specified tightening torque is 68.6 ± 9.81 Nm (7 ± 1 kgm, 50.6 ± 7.2 lbft)
   - When removing drain plug (P), be careful not to get oil on yourself.
6. Add the replacement amount of oil through oil filler (F). Check that the oil level is between the H and L lines on the sight gauge.
   - For details of appropriate oils, see "RECOMMENDED FUEL, COOLANT, AND LUBRICANT ( PAGE 7-4 ) ".
   - For details of oil level inspection method, see "CHECK OIL LEVEL IN HYDRAULIC TANK, ADD OIL ( PAGE 3-143 ) ".
7. Bleed the air from the hydraulic circuit.
   For details of the method of bleeding the air from the hydraulic circuit, see "BLEED AIR FROM HYDRAULIC CIRCUIT ( PAGE 4-41 ) ".






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