CEAM008401

Operation & Maintenance Manual

KOMATSU®

PC200LL-6

PC220LL-6

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC200LC-6 A85001 and up
PC220LL-6 A85001 and up

ENGINE 6D102E-1

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OPERATION OF WORK EQUIPMENT

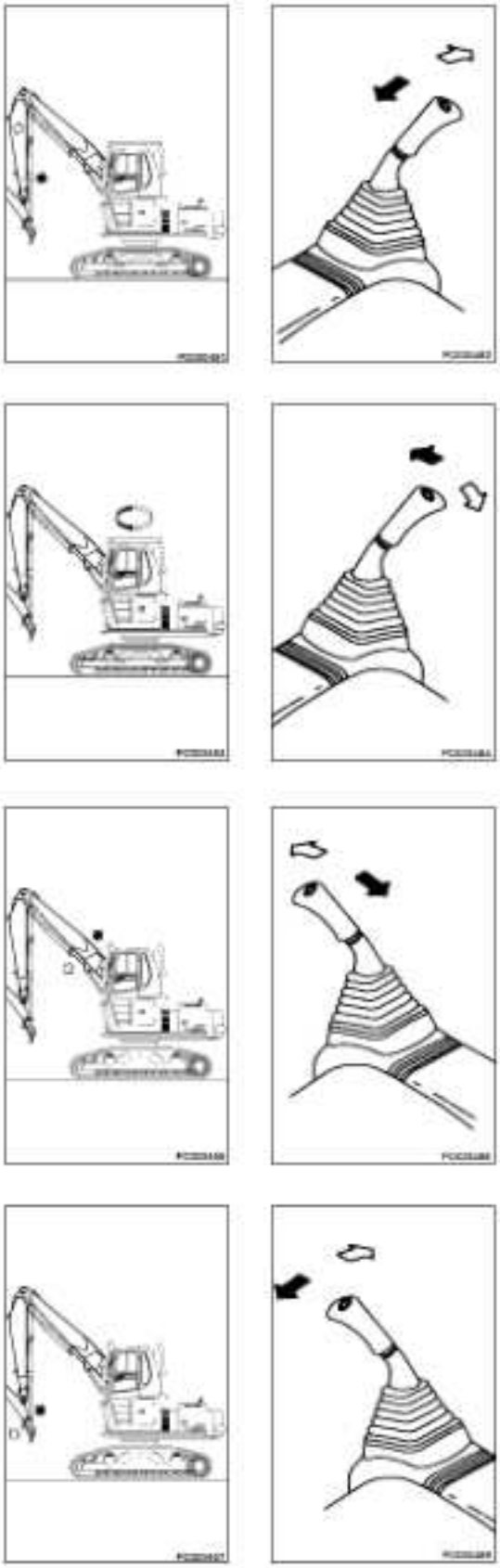
WARNING

If any lever is operated when in the deceleration range, the engine speed will suddenly increase, so be careful when operating the levers.

The work equipment is operated by the left and right work equipment control levers. The left control lever operates the arm and swing, and the right control lever operates the boom and attachment. The movements of the lever and work equipment are as shown in the diagrams on the right. When the levers are released, they automatically return to the neutral position and the work equipment is held in place. If the work equipment control lever is returned to the neutral position when the machine is stopped, even if the fuel control dial is set to full, the auto deceleration mechanism will act to reduce the engine speed to a mid range speed.

Remark

If the levers are operated within 15 seconds after stopping the engine, it is possible to lower the work equipment to the ground. In addition, the levers can also be operated to release any remaining pressure inside the hydraulic circuit and to lower the boom after loading the machine on a trailer.



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EVERY 100 HOURS SERVICE

GREASE LUBRICATION

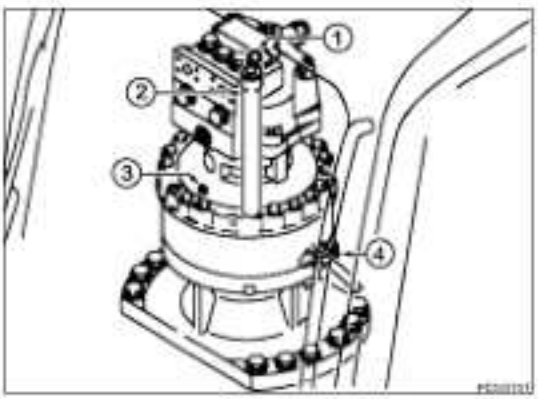
1. Lower the work equipment to the ground and stop the engine.
2. Pump in grease through the grease fittings. After greasing, wipe off any old grease that was pushed out.

- For details of the grease to use; see "USE OF FUEL, COOLANT AND LUBRICANTS" on page 3-8.

CHECK OIL LEVEL IN SWING MACHINERY CASE, ADD OIL

WARNING

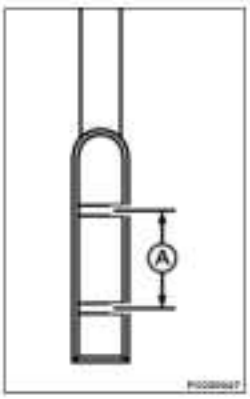
The oil is at high temperature immediately after the machine has been operated. Wait for the oil to cool down before carrying out this check.



1. Remove the dipstick (1) and wipe off the oil with a cloth. Reinsert the dipstick (1) fully in the guide (2).
2. When pulled out, if the oil level is between the marks (**A**) of the gauge, oil level is proper.
3. If the oil does not reach the bottom mark on dipstick (1), add oil through the dipstick guide (2). Remove the bleed plug (3) when adding oil.

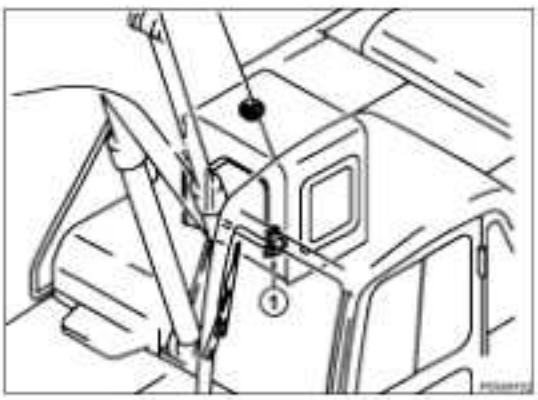
- For details of the oil to use; see "USE OF FUEL, COOLANT AND LUBRICANTS" on page 3-8.

4. If the oil level exceeds the top mark on the dipstick, loosen the drain valve (4) to drain the excess oil.
5. After checking the oil level or adding oil, insert the dipstick into the guide and install the air bleed plug (3).



DRAIN WATER AND SEDIMENT FROM FUEL TANK

1. Carry out this procedure before operating the machine. Prepare a container to catch the fuel that is drained.
2. Open the valve (1) at the bottom of the tank and drain the sediment and water that has accumulated at the bottom together with fuel. When doing this, be careful not to get fuel on yourself. When only clean fuel comes out, close the drain valve



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Item	Description		Dimension
A	Overall width		3495 mm
B	Tail swing radius		2860 mm
B1	Swing center to rear end distance		2855 mm
C	Upper structure width		3220 mm
D	Width of crawler	600 mm shoes	3395 mm
		700 mm shoes	3495 mm
		800 mm shoes	3595 mm
E	Track gauge		2795 mm
F	Track length		4610 mm
G	Length of track on ground		3805 mm
H	Grouser height		26 mm
I	Ground clearance, counterweight		1340 mm
	Track frame ground clearance		711 mm
J	Machine height		2295 mm
K	Engine compartment height		2580 mm
L	Overall height	w/o riser	3230 mm
M		with riser	4610 mm

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