Operation & Maintenance Manual

EEAM006011

PC210, PC210LC-6K

PC240LC,PC240NLC-6K

HYDRAULIC EXCAVATOR

SERIAL NUMBER

PC210-6K	- K34552 and up
PC210LC-6K	- K34552 and up
PC240LC-6K	- K34227 and up
PC240NLC-6K	- K34227 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.

KOMATSU

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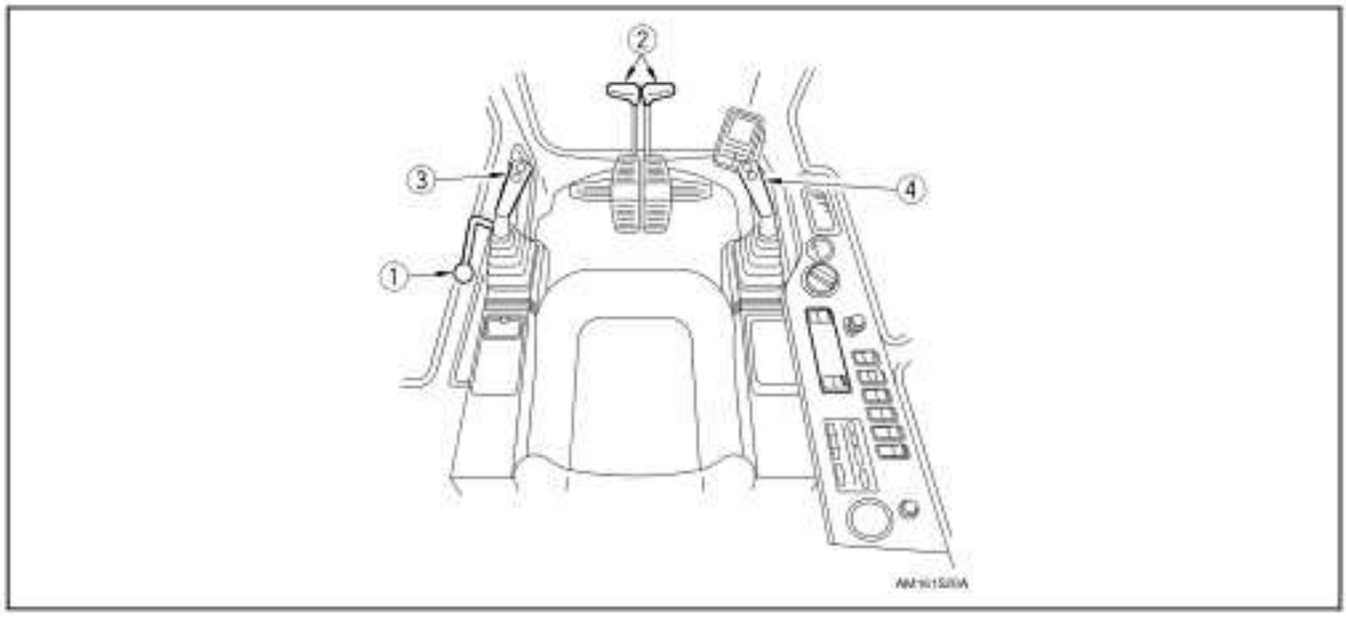
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CONTROL LEVERS, PEDALS



1. SAFETY LOCK LEVER

⚠ WARNING

- **When leaving the operator's compartment, set the safety lock lever securely to the LOCK position. If the control levers are not locked, and they are touched by mistake, this may lead to a serious accident.**
- **If the safety lock lever is not placed securely in the LOCK position, the control levers may not be properly locked. Check that the situation is as shown in the diagram.**
- **When the safety lock lever is raised, take care not to touch the work equipment control lever. If the safety lock lever is not properly locked at the upper position, the work equipment and swing will move, creating a potentially dangerous situation.**
- **When the safety lock lever is lowered, take care not to touch the work equipment control lever.**



This lever locks the work equipment, swing and attachment controls.

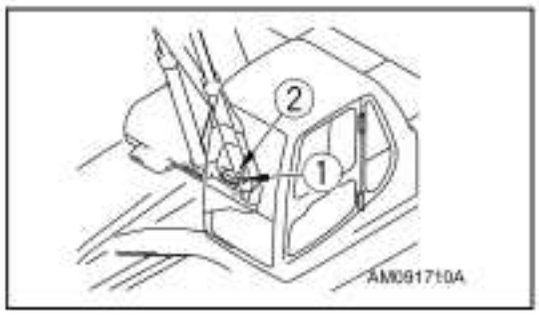
This lock lever is a hydraulic lock, so even if it is in the lock position, the work equipment control lever will move, but the work equipment and swing motor will not work.



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CHECK SWING PINION GREASE LEVEL, ADD GREASE

Prepare a scale.



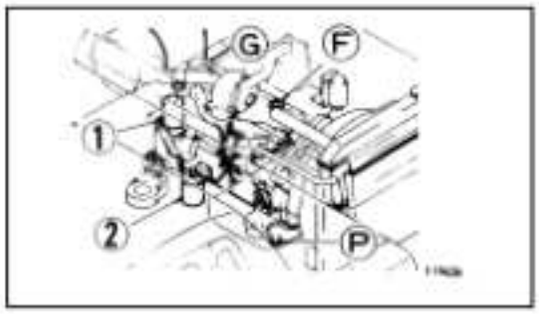
1. Remove bolts (1) (2 bolts) on the top of the revolving frame and remove cover (2).
2. Insert a scale into the grease and check that the height of the grease in the portion where the pinion passes is at least 28 mm. Add more grease if necessary.
3. Check if the grease is milky white. If it is milky white, it is necessary to change the grease. Please contact your Komatsu distributor.
   - The total amount of grease is 21 l
4. Install cover (2) with bolts (1).

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

⚠ WARNING

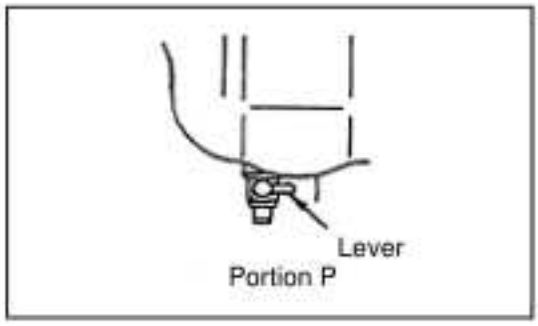
The oil is at high temperature after the engine has been operated, so never change the oil immediately after finishing operations. Wait for the oil to cool down before changing it.

Prepare the following



- Container to catch drained oil: Min 24 l capacity
- Refill capacity: 24 l
- Filter wrench

1. Place a drain container under drain tap (P) located on the bottom of the machine.
2. Loosen drain tap (P) slowly to avoid getting oil on yourself, and drain the oil.
3. Check the drained oil, and if there are excessive metal particles or foreign material, please contact your Komatsu distributor.
4. Install drain tap (P)
5. Open the engine hood. Using the filter wrench from the upper side of the engine, turn filter cartridge (2) counterclockwise to remove it.



In particular, if this operation is carried out immediately after stopping the engine, a large amount of oil will come out, so wait for 10 minutes before starting the operation.

6. Clean the filter holder, coat the packing surface of a new filter cartridge with engine oil, and fill the filters with clean lubricat-

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INTRODUCTION OF ATTACHMENTS

SPECIFICATION, USE

PC210-6K, PC210 LC-6K

NAME	Specification, use	
Narrow bucket	Capacity Outside width	SAE/CECE 0.45 m³/0.41 m³ 650 mm
Narrow bucket	Capacity Outside width	SAE/CECE 0.60 m³/0.55 m³ 800 mm
Narrow bucket	Capacity Outside width	SAE/CECE 0.71 m³/0.65 m³ 900 mm
General use bucket	Capacity Outside width	SAE/CECE 0.87 m³/0.78 m³ 1050 mm
Light duty bucket	Capacity Outside width	SAE/CECE 1.08 m³/0.96 m³ 1250 mm
Light duty bucket	Capacity Outside width	SAE/CECE 1.19 m³/1.06 m³ 1350 mm

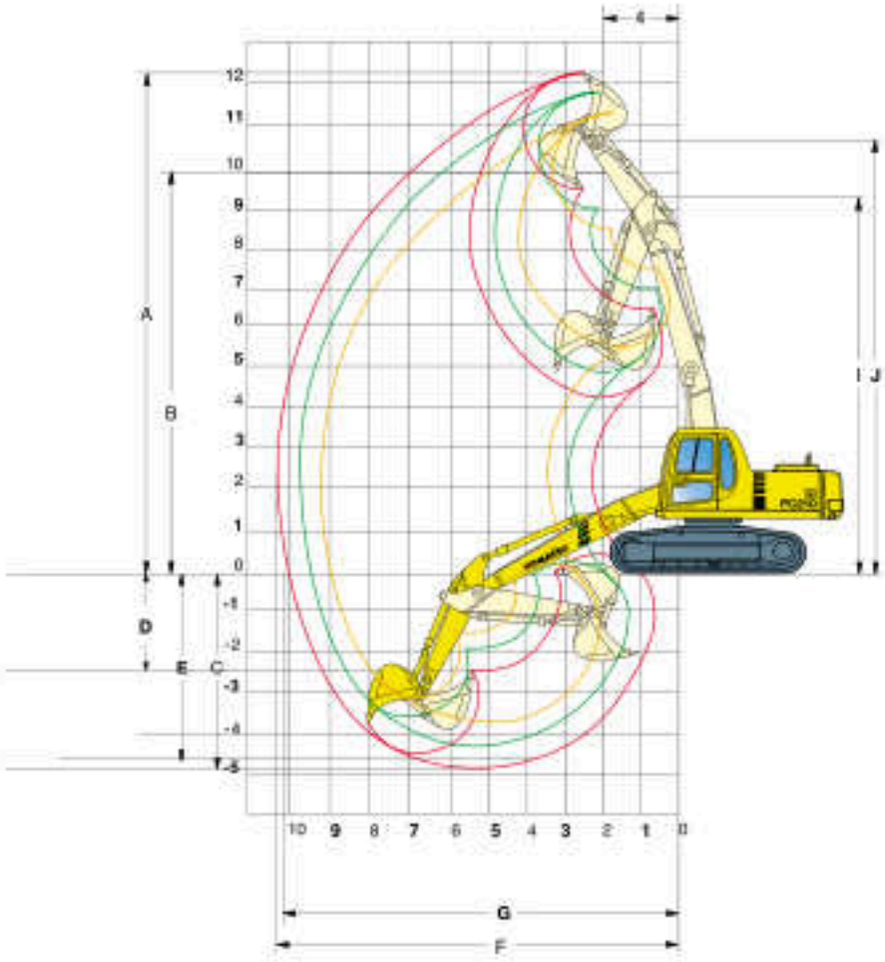
NAME	Specification, use	
Track shoes (PC210)	Triple grouser shoe width Triple grouser shoe width	700 mm 800 mm
Track shoes (PC210LC)	Triple grouser shoe width Triple grouser shoe width Triple grouser shoe width	600 mm 800 mm 900 mm
Short arm	Arm length Max. digging depth	2,400 mm 6,095 mm
Short arm	Arm length Max. digging depth	2,800 mm 5,485 mm
Head guard	In place where there is danger of falling rocks, always install the head guard to protect the operator.	
FOPS	Level 1/ level 2 (see section 6)	
FRONT GUARD	Level 1/ level 2 (see section 6)	

Optional Equipment

- Large capacity batteries (2 x 140 Ah)
- Additional work lamps
  - - cab mounted (x 3)
  - - RH boom
  - - counterweight mounted
- Rotating beacon lamp

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PC210LC-6K straight boom



	Working ranges	Arms	1800	2400	2930
A	Max. digging height	mm	11270	11780	12230
B	Max. dumping height	mm	8320	8840	9290
C	Max. digging depth	mm	3810	4420	4930
D	Max. vertical wall digging depth	mm	2430	2890	3230
E	Max. digging depth of cut for 2440 mm level	mm	3570	4220	4760
F	Max.digging reach	mm	9710	10280	10790
G	Max.digging reach at ground	mm	9530	10110	10620
H	Min. swing radius	mm	2420	3000	2890
I	Max. height of min. swing	mm	9270	9120	9100
J	Max. pin height	mm	9800	10300	10750
	Operating weight with 700 mm shoes	kg	20760	20800	20886
	Operating weight with 800 mm shoes	kg	21060	21100	21186
	Operating weight with 900 mm shoes	kg	21360	21400	21486

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