CEAM008602

Operation & Maintenance Manual

KOMATSU®

PC200LC-7L
PC220LC-7L

SERIAL NUMBERS	PC200LC-7L A86001 and up PC220LC-7L A86001 and up
ENGINE	6D102E-2

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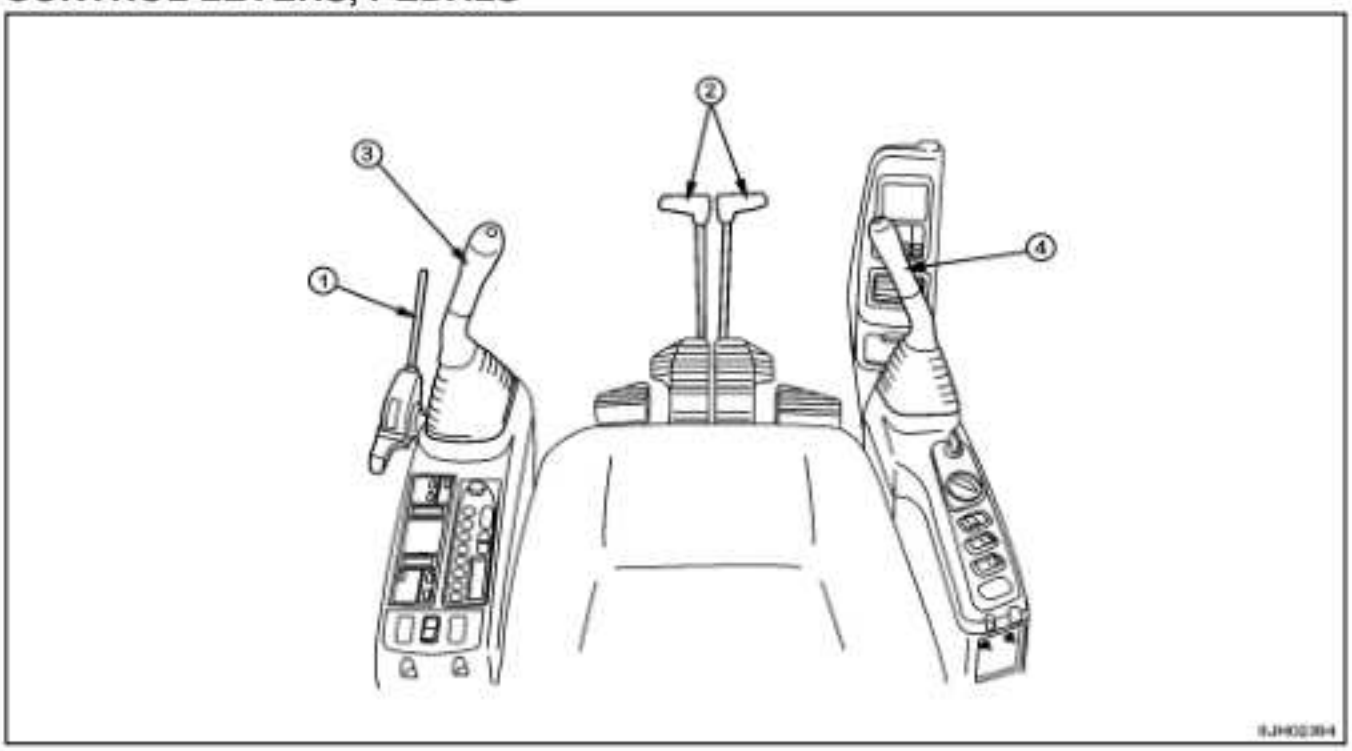
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CONTROL LEVERS, PEDALS



1. Safety lock lever
2. Travel levers
3. Left work equipment control lever
4. Right work equipment control lever

SAFETY LOCK LEVER

⚠ WARNING

When leaving the operator's compartment, set the safety lock lever securely to the LOCK position. If the safety lock lever is not at the LOCK position and the control levers are touched by mistake, it may lead to serious personal injury.

If the safety lock lever is not placed securely at the LOCK position, the control lever may move and cause a serious accident or injury. Check that the condition of the lever is as shown in the diagram.

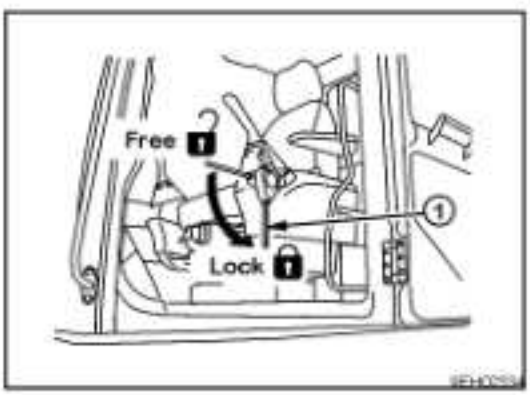
When pulling the safety lock lever up, be careful not to touch the work equipment control lever.

When pushing the safety lock lever down, be careful not to touch the work equipment control lever.

Lever (1) is a device which locks the work, swing, and travel equipment, and attachment (if equipped) control levers.

Pull the lever up to apply the lock.

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



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CLEAN INTERNAL AND EXTERNAL AIR CONDITIONER AIR FILTERS

⚠ WARNING

If compressed air, high-pressure water, or steam hit your body directly, or they cause dirt or dust to be blown up, there is danger of serious injury. Use safety glasses, dust mask, or other protective equipment.

Notice

The interval for cleaning the filter is 500 hours, but if the machine is used on an extremely dusty jobsite, reduce the maintenance interval and clean the filter more frequently.

Remark

If the filter is clogged, the air flow is reduced and a muffled sound can be heard from the air conditioner unit.

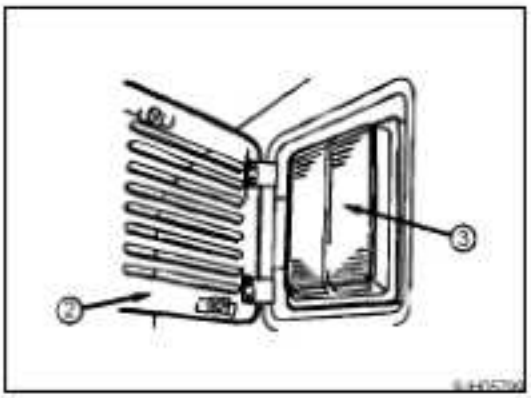
CLEANING RECIRCULATED AIR FILTER

1. Remove wing bolts (1) from the inspection window at the bottom rear left on the inside of the operator's cab, then take out the recirculated air filter.
2. Clean the filter with compressed air. If there is oil on the filter, or if the filter is extremely dirty, wash it in a neutral agent. After rinsing it in water, dry it thoroughly before using it again.
   If the clogging of the filter cannot be removed by blowing with air or washing in water, replace the filter with a new one.



CLEANING FRESH AIR FILTER

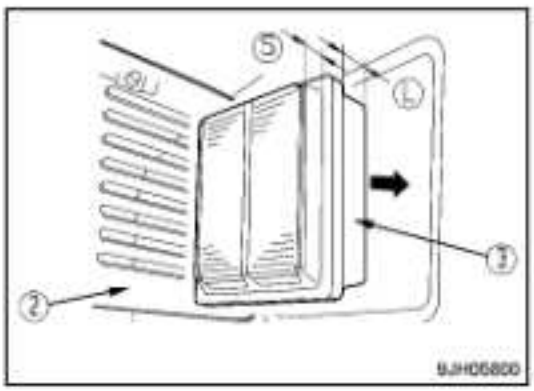
1. Use the starting key to open cover (2) at the rear left of the operator's cab, then open cover (2) by hand and remove filter (3) inside the cover.



2. Clean the filter with compressed air. If there is oil on the filter, or if the filter is extremely dirty, wash it in a neutral agent. After rinsing it in water, dry it thoroughly before using it again.
   If the clogging of the filter cannot be removed by blowing with air or washing in water, replace the filter with a new part.
3. After cleaning, return the filter case to its original position, then close the cover. Use the starting key to lock the cover. Do not forget to remove the starting key.

Remark

The FRESH filter must be installed facing in the correct direction. When installing, insert the long (L) end of filter (3) into the filter case first. If the short (S) end is installed first, cover (2) will not close.



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SELECTION OF TRACK SHOES

Select suitable track shoes to match the operating conditions.

SELECTING SHOES

Confirm the category from the list of uses in Table 1, then use Table 2 to select the shoe.

Categories B and C are wide shoes, so there are limitations on their use. When using these shoes, check the precautions, then investigate the conditions of use to confirm that these shoes are suitable.

When selecting the shoe width, select the narrowest shoe possible that will give the required flotation and ground pressure. If a wider shoe than necessary is used, the load on the track will increase, and this will cause the shoes to bend, links to crack, pins to break, shoe bolts to come loose, and various other problems.

Table 1

Category	Use	Precautions when using
A	Rocky ground, riverbeds, normal soil	● On rough ground with large obstacles such as boulders or fallen trees, travel at low speed.
B	Normal soil, soft ground	● These shoes cannot be used on rough ground where there are large obstacles such as boulders or fallen trees. ● Travel at Hi or Mi speed only on flat ground, and if it is impossible to avoid going over obstacles, shift down and travel at half speed in Lo.
C	Extremely soft ground (swampy ground)	● Use the shoes only in places where the machine sinks and it is impossible to use A or B shoes. ● These shoes cannot be used on rough ground where there are large obstacles such as boulders or fallen trees. ● Travel at Hi or Mi speed only on flat ground, and if it is impossible to avoid going over obstacles, shift down and travel at half speed in Lo.
D	Paved road	● Take note of low gradeability due to the flat shoes and exercise due care.
E	Paved road	● Be sure to follow the instructions in the "Handling of Road Liner" section for the protection of the rubber pad shoes.

Table 2

	PC200LC-7L		PC220LC-7L	
	Specifications	Category	Specifications	Category
Standard	700 mm Triple	B	700 mm Triple	B
Optional	600 mm Triple	A	600 mm Triple	A
Optional	800 mm Triple	C	800 mm Triple	C
Optional	900 mm Triple	C	610 mm Triple	D
Optional	860 mm Swamp	C	-	-
Optional	610 mm Flat	D	-	-
Optional	-	-	-	-
Optional	600 mm Road Liner	E	-	-

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