Operation & Maintenance Manual

UEAM001505

PC340LC-7K

PC340NLC-7K

HYDRAULIC EXCAVATOR

SERIAL NUMBER

PC340LC-7K - K40001 and up

PC340NLC-7K - K40001 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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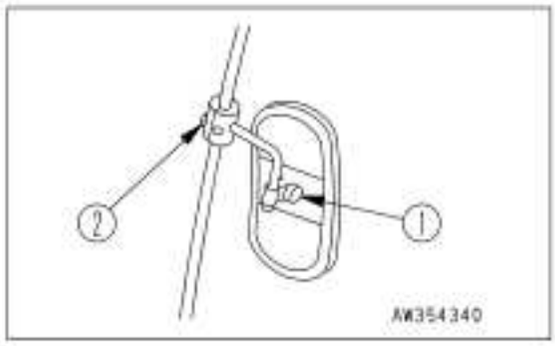
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F: Adjusting suspension
Turn knob (8) to the right to make the suspension harder, or to the left to make the suspension softer. Adjust the reading of the dial to match the operator's weight and select the optimum suspension.

REMARK
To obtain the optimum adjustment, turn the knob (8) so that the indicator of the weight display (kg) in the transparent portion of knob (8) is the same as the operator's weight.

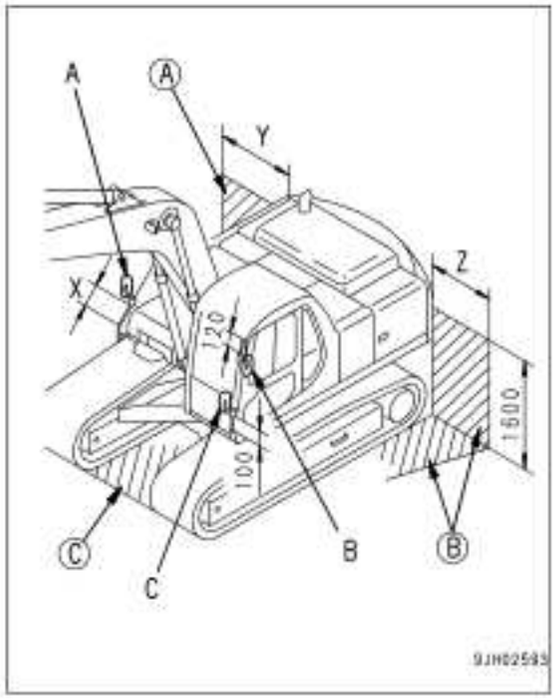
ADJUSTMENT OF MIRRORS

Loosen nut (1) and bolt (2) mounting the mirror, and adjust to the position which gives the best view from the operator's seat of the blind spot to the left and right sides at the rear of the machine.



- Adjust the mirror mount so that it is possible to see any person (or object of height 1 m and diameter 30 cm) at the rear left and right of the machine.
- Install the mirror to the mounting position and dimensions shown. The values given below are reference values for the range of view.

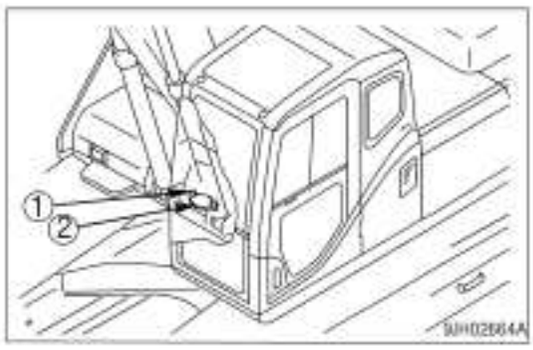
Mounting position X : 100 mm
Range of view Y (right side) : 1500 mm
Range of view Z. (left side) : 1830 mm
Mirror A: Must be able to see hatched area (A)
Mirror B: Must be able to see hatched area (B)
Mirror C: Must be able to see hatched area (C) (if equipped)



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CHECK SWING PINION GREASE LEVEL, ADD GREASE

Prepare a scale.



1. Remove two bolts (1) 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 54 mm. Add more grease if necessary.
3. Check the color of the grease. If it is milky white, it is necessary to change the grease. Please contact your Komatsu distributor.

The total amount of grease : 33 liters

4. Install cover (2) with two bolts (1).

CLEAN AND INSPECT RADIATOR FINS, OIL COOLER FINS AND CONDENSER FINS

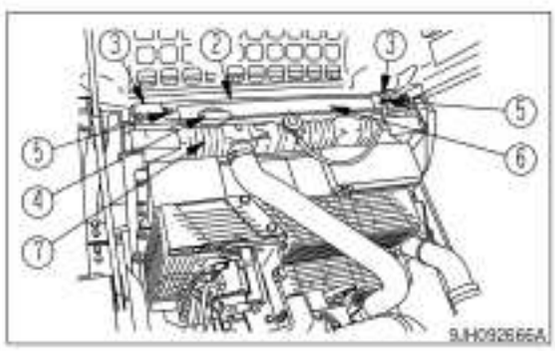
⚠ WARNING

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

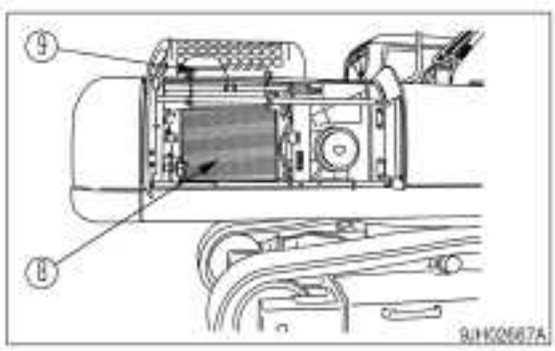
NOTICE

When using compressed air, if the nozzle is brought too near the fins, the fins may be damaged. Use compressed air from a reasonable distance to prevent damage to the fins.
Do not direct the jet directly at the core. If the fins are damaged, it will cause leakage of water and overheating. On dusty jobsites, inspect fins every day, regardless of the maintenance interval.

1. Open engine hood (1).
2. Loosen screw (3) and pull up net (2).
3. Clean net (2). (it is to be installed again, as instructed in the Step 8).
4. Loosen screw (5) and detach net (6) between the radiator and the oil cooler.



5. Inspect the front and rear of the oil cooler fins (4), radiator fins (7), after-cooler fins (8), and condenser fins (9) for dirt, dust, dry leaves, etc. Blow them away with compressed air. Steam or water may be used instead of compressed air.
6. Check the rubber hose. Replace it with a new one, if the hose is found to have cracks or to be hardened by age. Also check the hose clamps for looseness.



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OPERATION

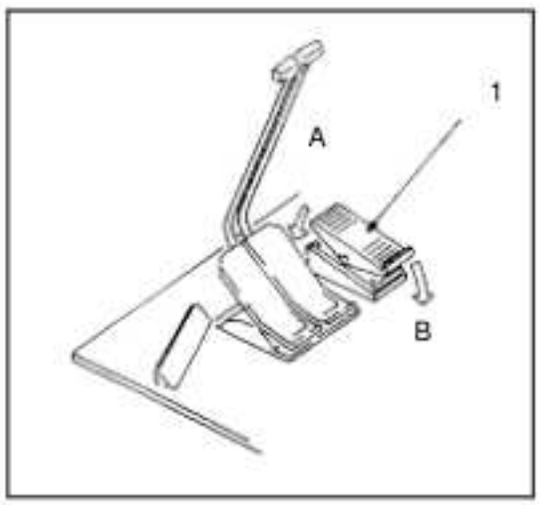
Explanation of Devices

2 Piece Boom Control Pedal.

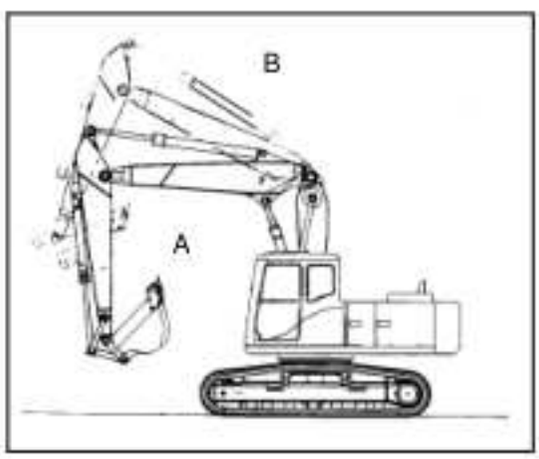
The additional pedal to the right of the travel levers controls second boom function on this 2-Piece Boom machine:

The pedal controls the operation of the second boom adjust cylinder. Pressing down on the front of the pedal pushes the second boom away from the cab, pressing down on the rear of the pedal pulls the second boom towards the cab.

1	Control pedal
A	Extend 2nd boom raise cylinder
B	Retract 2 nd boom raise cylinder



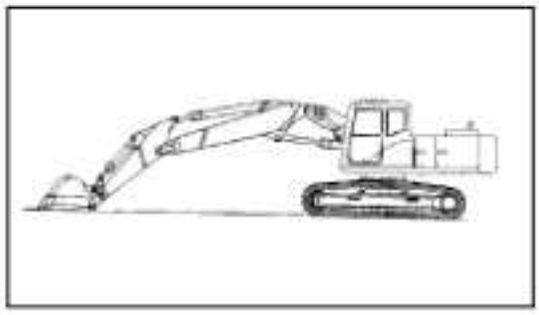
A	Press the rear of the pedal
B	Press the front of the pedal



BEFORE STORAGE POSTURE WHEN LEAVING MACHINE

When leaving the operator's compartment, put the machine in the following posture for reasons of safety.

1. When leaving the machine for a long time see,"LONG TERM STORAGE" on page 186 for instructions on correct preparation of machine for long term storage.



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