SEAM063601T

Operation & Maintenance Manual

GALEO

PC120-6
PC120LC-6

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC120-6 70001 and up
PC120LC-6 70001 and up

October 2006

KOMATSU

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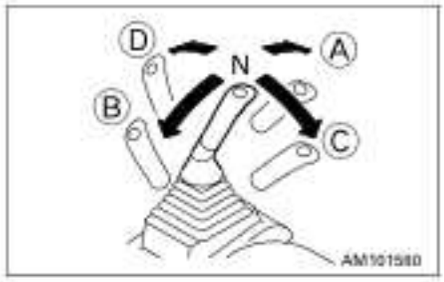
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3. LEFT WORK EQUIPMENT CONTROL LEVER



⚠ WARNING

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

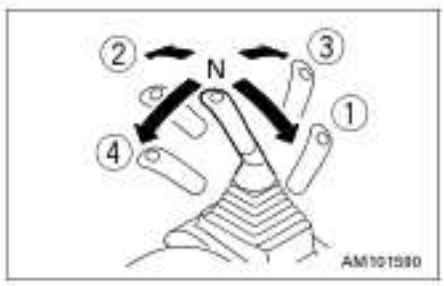
This lever is used to operate the arm and upper structure.

Arm operation	Swing operation
Ⓐ Arm OUT	Ⓒ Swing to right
Ⓑ Arm IN	Ⓓ Swing to left

N (Neutral)

When the lever in this position, the upper structure and the arm will be retained in the position in which they stop.

4. RIGHT WORK EQUIPMENT CONTROL LEVER



⚠ WARNING

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

This lever is used to operate the boom and bucket.

Boom operation	Bucket operation
① RAISE	③ DUMP
② LOWER	④ CURL

N (Neutral)

When the lever in this position, the boom and the bucket will be retained in the position in which they stop.

For levers 2, 3 and 4, the engine speed changes as follows because of the auto-deceleration mechanism.

- When the travel lever and work equipment control levers are at neutral, even if the fuel control dial is above the mid-range position, the engine speed will drop to a mid-range speed.
  If any of the levers are operated, the engine speed will rise to the speed set by the fuel control dial.
- If all control levers are set to neutral, the engine speed will drop by approx. 100 rpm, and after approx. 4 seconds, the engine speed will drop to the deceleration speed (approx. 1400 rpm).

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2. Rear tilt ( )
Pull lever ③ up and adjust the angle at the rear of the seat. (4 stages)
1. To raise the angle at the rear of the seat, keep the lever pulled up and stand up slightly to remove your weight from the seat.
2. To lower the angle at the rear of the seat, keep the lever pulled up and apply your weight to the rear of the seat.

Amount of tilt: Up 13°, down 13°

3. Seat height adjustment
By a combination of steps 1 and 2, the seat can be moved up and down. After the desired height is set by forward/backward tilting, bring the seat to the horizontal position by reverse-tilting and fix it.
Adjustable height: 60 mm (2.4 in)

Ⓓ **Adjusting armrest angle**
Armrest ④ can be made to spring up by hand to an angle of approx. 90°.
In addition, by turning the bottom ⑤ of the armrest by hand it is possible to make fine vertical adjustments of the armrest angle.
Armrest adjustment angle: 25°

REMARK
If the back seat is tilted back and forth without raising armrest ④, it will spring up automatically.

Ⓔ **Fore-and-aft adjustment of whole seat**
After lever ⑥ is pulled up and the seat is set to the desired position, release the lever. In this case the operator's seat, left and right levers and safety lock lever will slide together.
Adjustable fore-and-aft movement: 120 mm (4.7 in)

Ⓕ **Suspension adjustment**
When knob ⑦ is turned clockwise, the suspension becomes harder and when turned counterclockwise, softer. Adjust the dial so that the suspension best matching the operator's weight is selected.

REMARK
To obtain the optimum adjustment, turn the knob so that the indicator of the weight display (kg) in the transparent portion of knob ⑦ is the same as the operator's weight.

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23. MAINTENANCE SCHEDULE CHART

23.1 MAINTENANCE SCHEDULE CHART

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