SEAM009600

# Operation & Maintenance Manual

KOMATSU®

# PC60-7

## HYDRAULIC EXCAVATOR

SERIAL NUMBERS **PC60-7 - 48878** and up

January 1999

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## SPECIFICATIONS

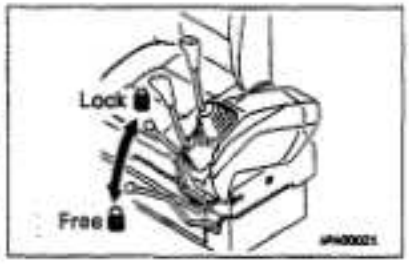

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**⚠ WARNING**

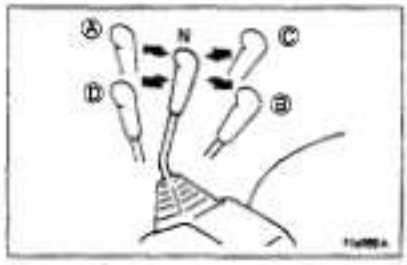
**When the safety lock lever is lowered, take care not to touch the work equipment control lever.**




This lever locks the work equipment control, swing systems and travel operation.
When the lever is pulled up, the lever stand springs up and is locked.

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, travel motor, and swing motor will not work.

## 2. LEFT WORK EQUIPMENT CONTROL LEVER



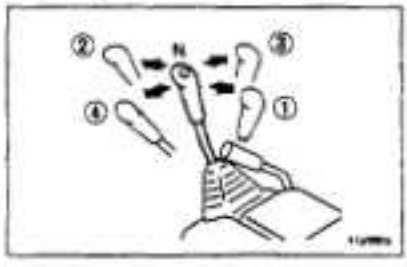

This lever is used to operate the arm and upper structure.

| 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.

## 3. RIGHT WORK EQUIPMENT CONTROL LEVER




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.



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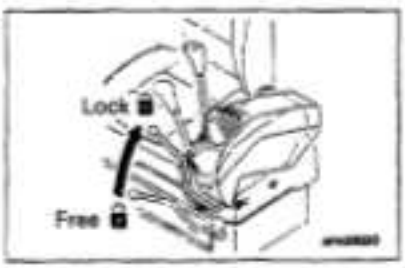
## 13.4 METHOD OF LIFTING MACHINE (machines equipped with lifting hooks)

**⚠ WARNING**

- **Never raise the machine with any worker on it.**
- **Always make sure that the wire rope used for lifting the machine is of ample strength for the weight of the machine.**
- **Never try to lift the machine in any posture other than the posture given in the procedure below. There is danger that the machine may lose its balance.**
- **The machine must never be raised with the undercarriage turned.**
- **When lifting the machine, be careful of the position of the center of gravity and always maintain the balance.**

When lifting the machine, carry out the operation as follows on flat ground.
For machines equipped with a blade, raise the blade before lifting the machine.

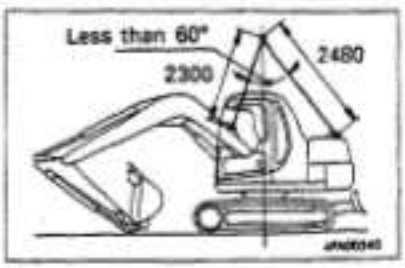
1. Set the work equipment in the posture shown on the right, then lock securely with the lock lever.




2. Install shackles at 3 places to the boom and counterweight, then use lifting hooks and install the wire ropes so that the lifting angle is less than 60°.



3. When raising the machine, check that there is no change in the posture caused by leakage from the hydraulic circuit at the boom cylinder head end.
4. When the machine leaves the ground, stop for a moment and wait for the machine to stabilize, then continue the lifting operation slowly.






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## 23.1 MAINTENANCE SCHEDULE CHART


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