SEAM009001

Operation & Maintenance Manual

PC300,300LC-6
PC350,350LC-6

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC300, 300LC-33001 and up
PC350, 350LC-12001

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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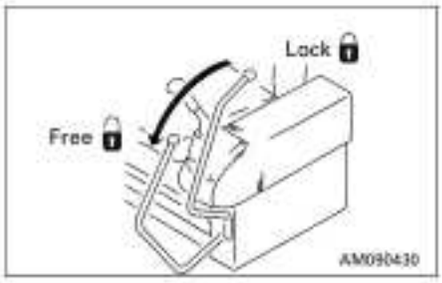
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SPECIFICATIONS

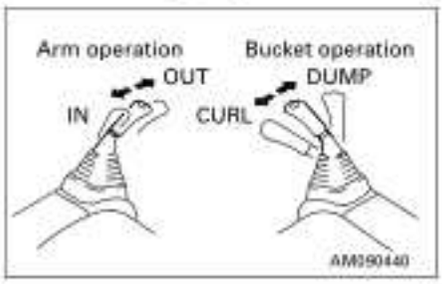
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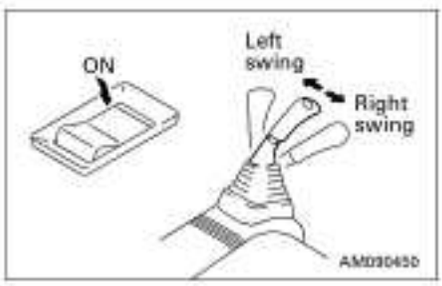
3. Set the safety lock lever ③ to the FREE position, and raise the bucket from the ground.



4. Operate bucket control lever ④ and arm control lever ⑤ slowly to move the bucket cylinder and arm cylinder to the end of the stroke.



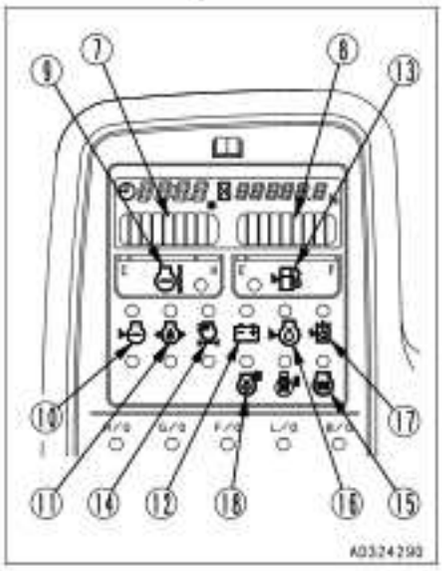
5. Carry out bucket and arm operation for 5 minutes at full stroke, alternating between bucket operation and arm operation at 30 second intervals.
If the swing lock switch ⑥ is set to the ON (actuated) position and swing control lever ⑤ is operated at full stroke, oil temperature-rise can be increased earlier.



NOTICE

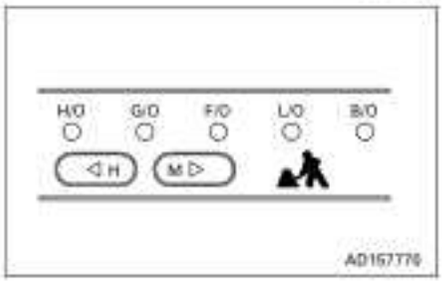
When the work equipment is retracted, take care that it does not interfere with the machine body or ground.

6. After carrying out the warming-up operation, check that each gauge and monitor lamp is in the following condition.
- Engine water temperature gauge ⑦: Inside green range
- Fuel gauge ⑧: Inside green range
- Engine water temperature monitor ⑨: OUT
- Radiator water level monitor ⑩: OUT
- Engine oil pressure monitor ⑪: OUT
- Charge level monitor ⑫: OUT
- Fuel level monitor ⑬: OUT
- Air cleaner clogging monitor ⑭: OUT
- Engine pre-heating lamp ⑮: OUT
- Engine oil level monitor ⑯: OUT
- Hydraulic oil level monitor ⑰: OUT
- Replacement monitor of engine oil ⑱: OUT



7. Check that there is no abnormal exhaust gas color, noise, or vibration. If any abnormality is found, repair it.

8. Press mode switch ② until required operation mode lamp is turned on.



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24.5 EVERY 100 HOURS SERVICE

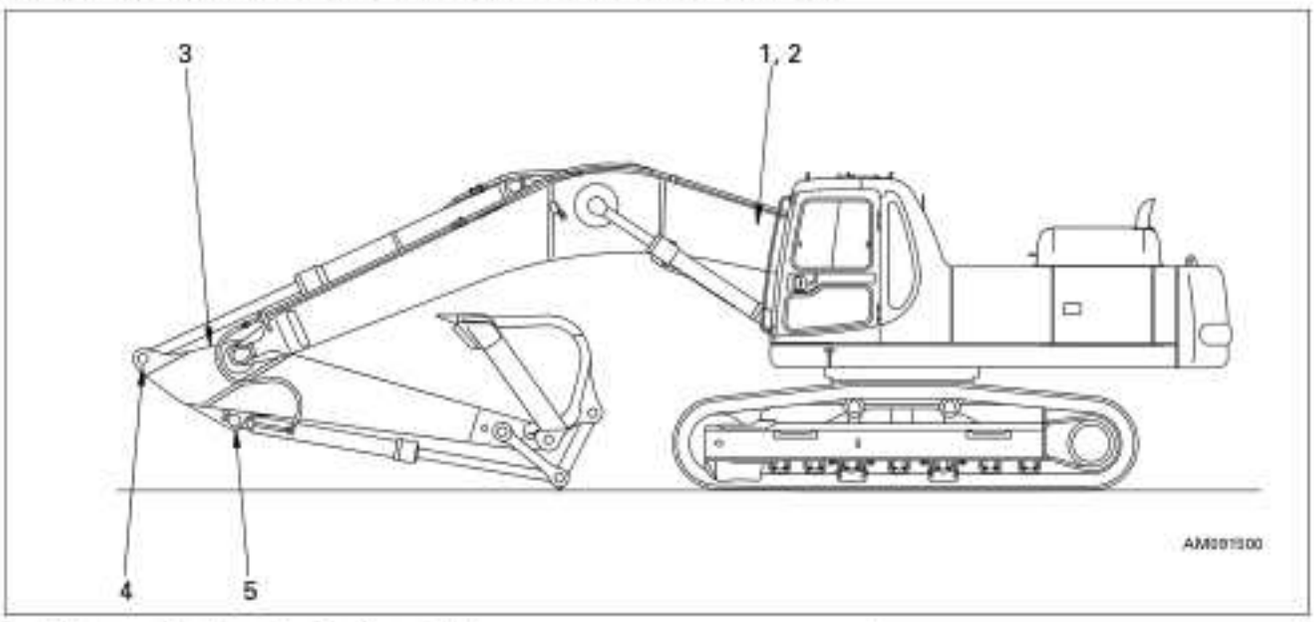
Maintenance for every 50 hours service should be carried out at the same time.

24.5.1 LUBRICATING

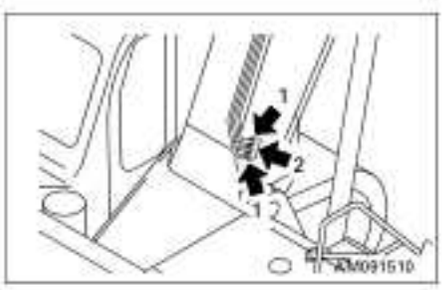
NOTICE

- **For the first 100 hours on new machines where the parts are setting in, carry out greasing every 10 hours.**
- **After digging under water, be sure to supply grease to the pins which were submerged.**

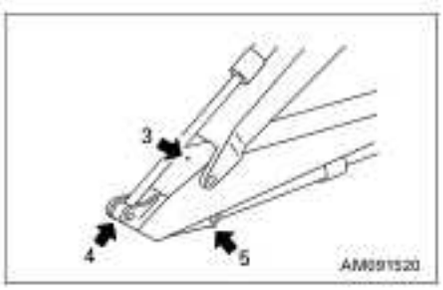
1. Set the work equipment in the greasing posture below, then lower the work equipment to the ground and stop the engine.
2. Using a grease pump, pump in grease through the grease fittings shown by arrows.
3. After greasing, wipe off any old grease that was pushed out.



1. Boom cylinder rod pin (2 points)
2. Arm cylinder foot pin (1 point)



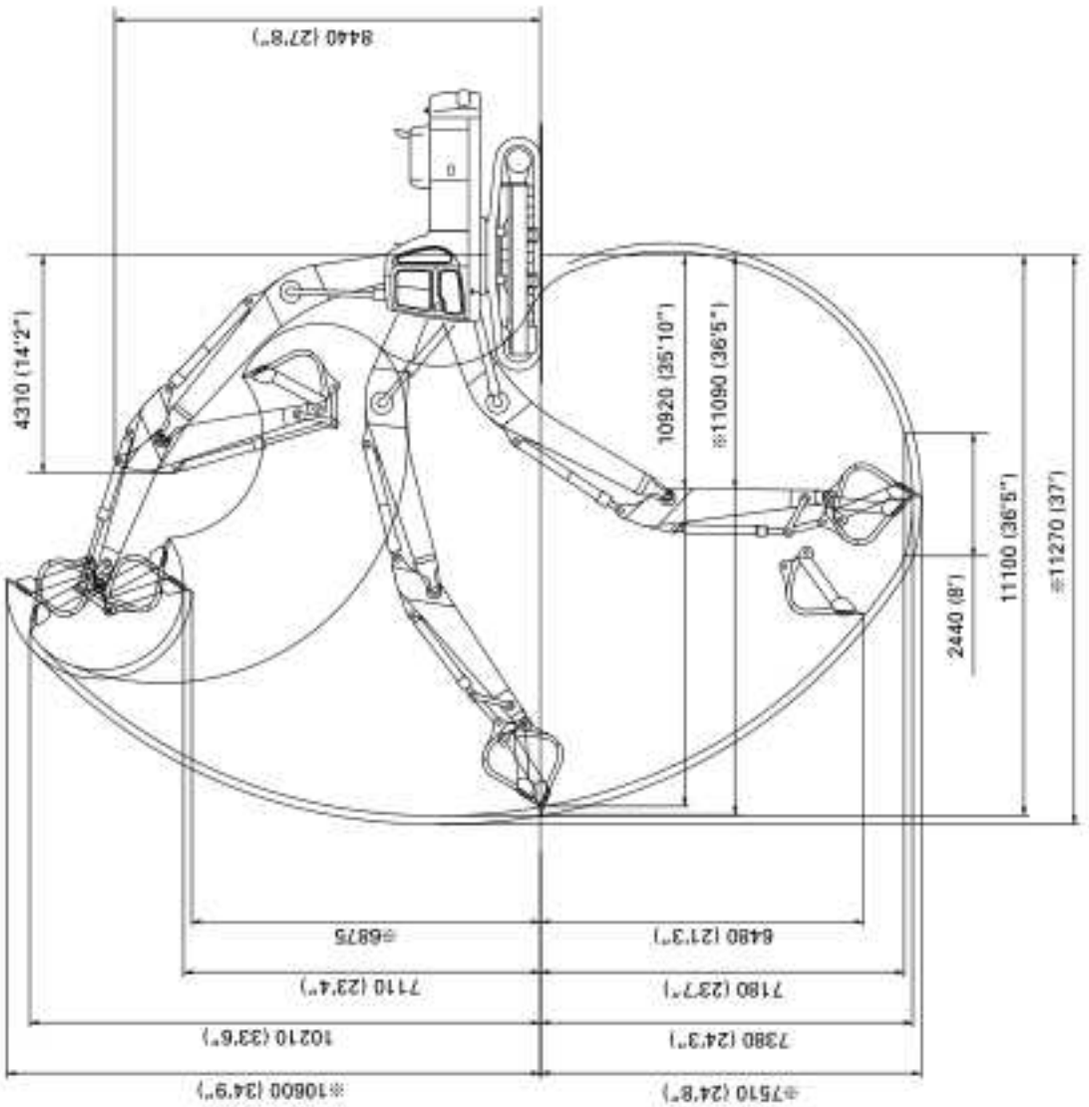
3. Boom-Arm coupling pin (1 point)
4. Arm cylinder rod end (1 point)
5. Bucket cylinder foot pin (1 point)



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PC300-6 AVANCE, PC300LC-6 AVANCE

1. The mark ※ indicates the dimensions for shovel operation.
2. Never allow other person than the operator to enter the swing range (Max. swing range, Max. digging radius).



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