TEN00634-01

Operation & Maintenance Manual

HYDRAULIC
EXCAVATOR

PC170LC-10

SERIAL NUMBERS 30001 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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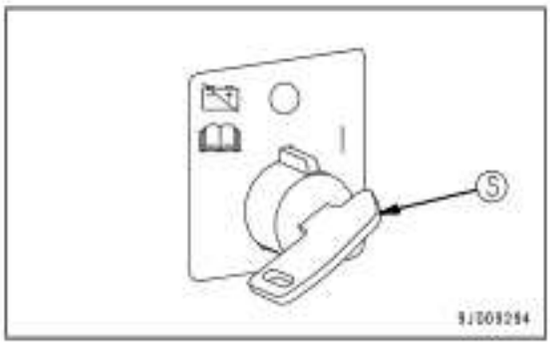
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OPERATIONS AND CHECKS BEFORE STARTING ENGINE (PC160-0000-12D-K-00-A)

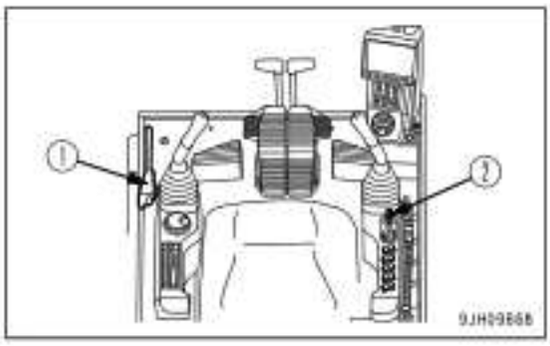
⚠ WARNING

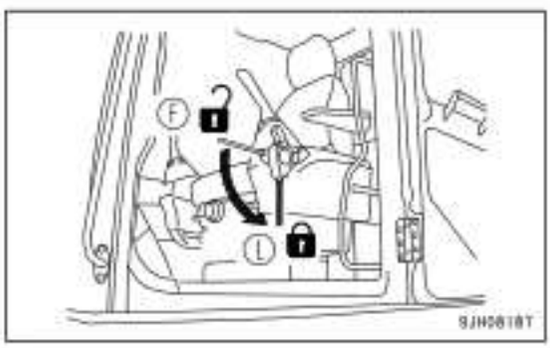
When starting the engine, check that the lock lever is securely at LOCK position.

1. Check that battery disconnect switch (S) is in ON position (I).

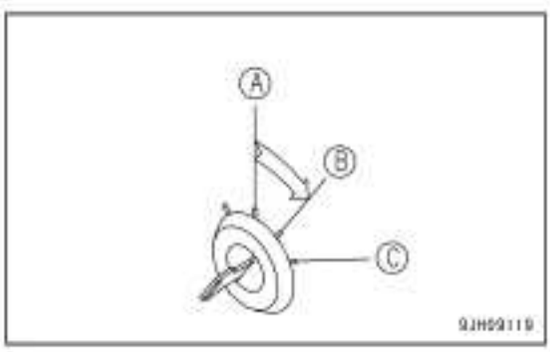


2. Check that lock lever (1) is at LOCK position (L).
3. Check that all control levers and control pedals are at NEUTRAL position.
   If the control levers and control pedals are not being touched, they will be at NEUTRAL position.





4. Insert the key in starting switch (2), turn the key to ON position (B), then perform the following checks.



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EVERY 500 HOURS MAINTENANCE (ALL-33C0-015-A-00-A)

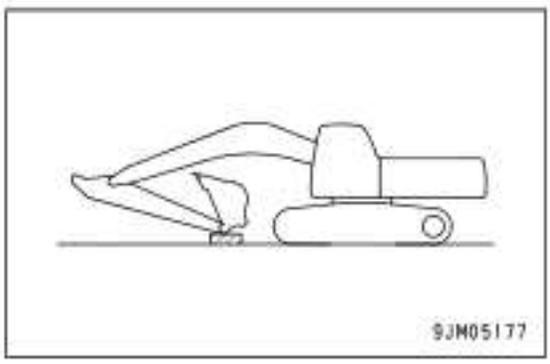
Maintenance for every 100 and 250 hours should be carried out at the same time.

LUBRICATION (PC-L410-242-K-02-A)

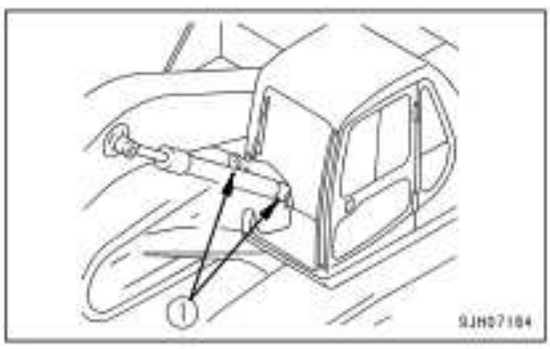
NOTICE

- **If any abnormal noise is generated from any greasing point, carry out greasing regardless of the greasing interval.**
- **Carry out greasing every 10 hours for the first 50 hours on a new machine. Carry out the greasing also at 250 hours and 500 hours on a new machine.**
- **After the machine was subjected to jobs in the water, be sure to grease the wet pins.**
- **When carrying out heavy-duty operations, such as hydraulic breaker operations, carry out the greasing every 100 hours.**

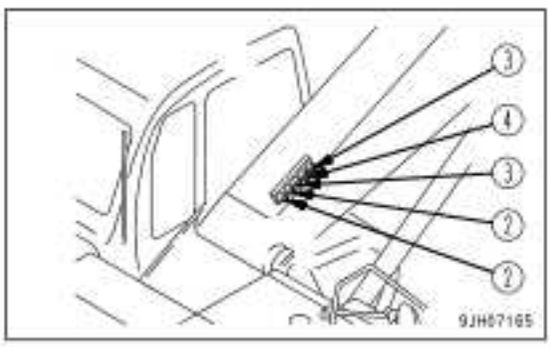
1. Set the machine to the greasing posture shown on the right, lower the work equipment to the ground, then stop the engine.
2. Using a grease pump, pump in grease through the grease fittings shown by arrows.
3. After greasing, wipe off any old grease that was pushed out.



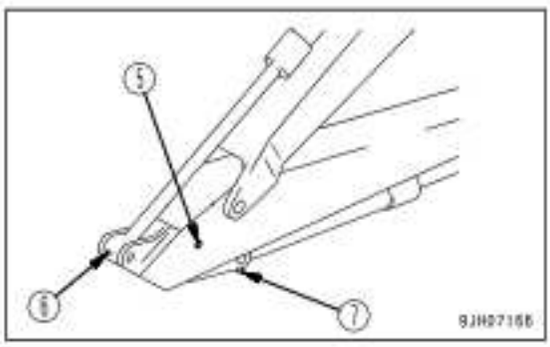
(1) Boom cylinder foot pin (2 places)



(2) Boom foot pin (2 places)
(3) Boom cylinder rod end pin (2 places)
(4) Arm cylinder foot pin (1 place)

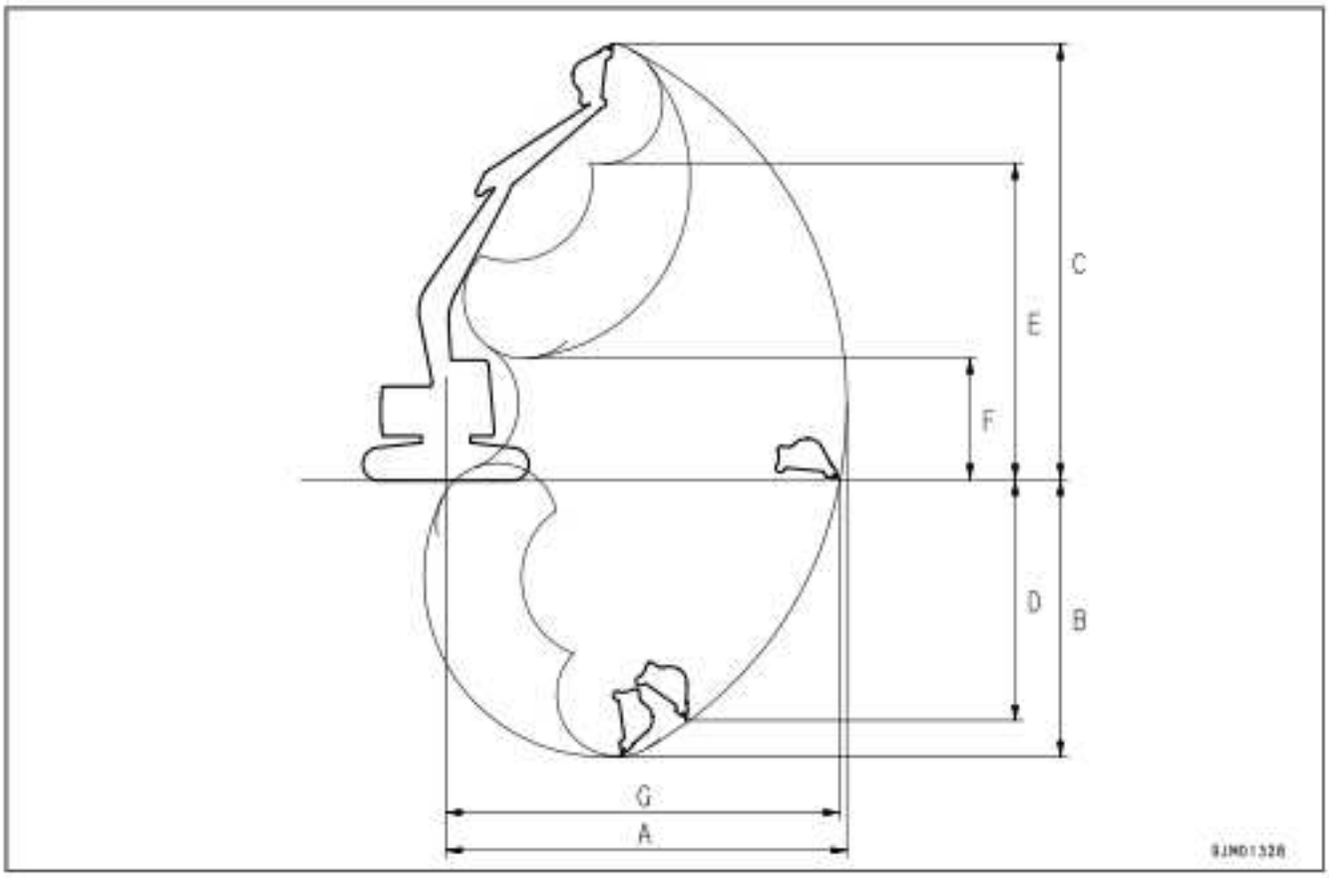


(5) Boom - Arm coupling pin (1 place)
(6) Arm cylinder rod end (1 place)
(7) Bucket cylinder foot pin (1 place)



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	Working ranges	Unit	PC170LC-10
A	Max. digging reach	mm (ft in)	8,960 (29' 5")
B	Max. digging depth	mm (ft in)	5,960 (19' 7")
C	Max. digging height	mm (ft in)	8,980 (29' 6")
D	Max. vertical wall depth	mm (ft in)	5,040 (16' 6")
E	Max. dumping height	mm (ft in)	6,370 (20' 11")
F	Min. dumping height	mm (ft in)	2,400 (7' 10")
G	Max. digging reach at ground level	mm (ft in)	8,800 (28' 10")



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