TEN00405-03

Operation & Maintenance Manual

HYDRAULIC EXCAVATOR

PC600 -8E0 **PC600LC-8E0**
PC650 -8E0 **PC650LC-8E0**
PC700LC-8E0

SERIAL NUMBERS 65001 and up

ecot3

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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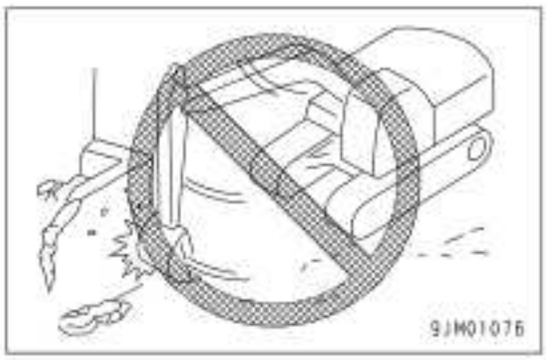
PROHIBITED OPERATIONS

WARNING

- If it is necessary to operate the work equipment control lever when the machine is traveling, stop the machine, then operate the control lever.
- If any lever is operated when the auto-deceleration is being actuated, the engine speed will suddenly increase, so be careful when operating.

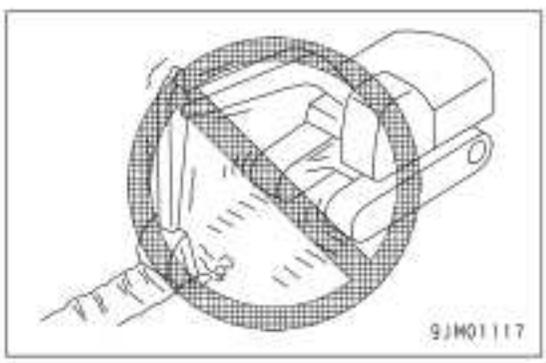
Operations Using Swing Force

Do not use the swing force to compact soil or break objects. This is not only dangerous, but will also drastically reduce the life of the machine.



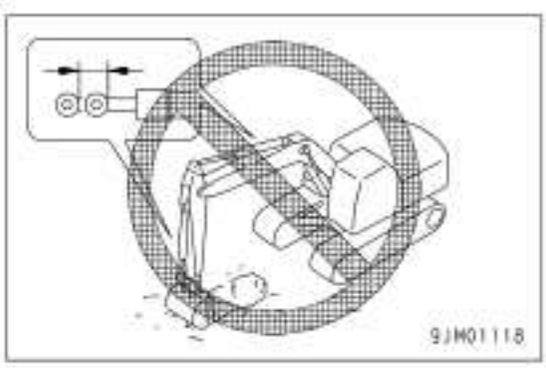
Operations Using Travel Force

Do not dig the bucket into the ground and use the travel force to carry out excavation. This will damage the machine or work equipment.



Prohibition of Operations Using Hydraulic Cylinders to Stroke Ends

If the work equipment is used with the cylinder rod operated to its stroke end, and given impact by some external force, the hydraulic cylinders will be damaged, causing personal injury. Avoid operations with the hydraulic cylinder fully retracted or fully extended.



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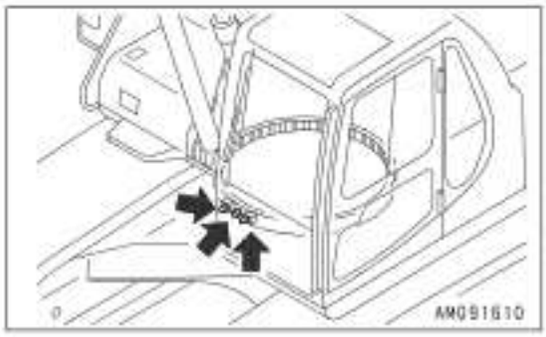
EVERY 100 HOURS MAINTENANCE

Maintenance for every 10 hours service should be carried out at the same time.

LUBRICATING SWING CIRCLE

(3 places)

1. Lower the work equipment to the ground.
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.



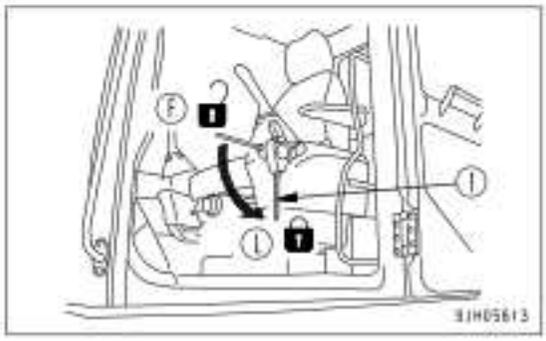
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When installing counterweight

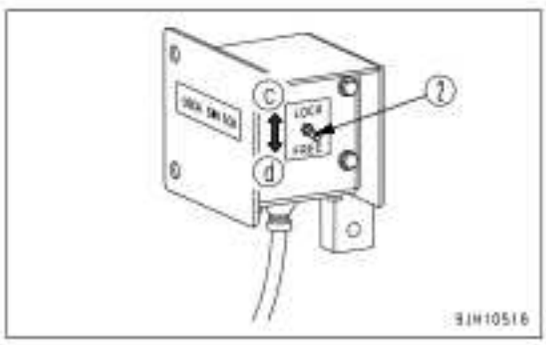
⚠ CAUTION

When switching the remover control selector valve, make sure that the engine pauses.

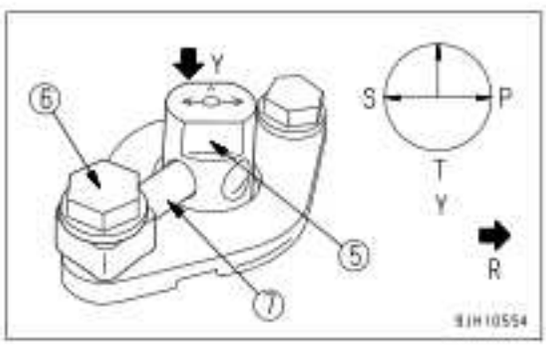
1. Make sure that lock lever (1) in the operator's cab is in the LOCK (L) position.



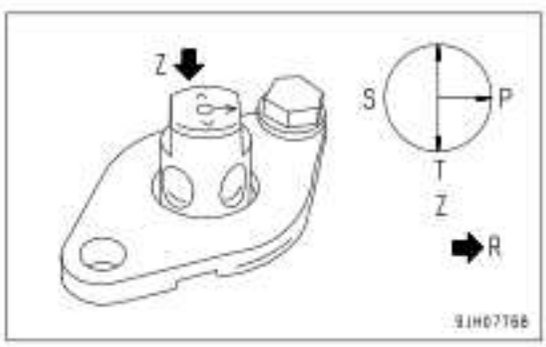
2. Turn lock switch (2) in the pump chamber to the LOCK (c) position.



3. Switch remover control selector valve (5) to the counterweight REMOVAL / INSTALLATION position. The switching can be made in the following manner.
   1) Remove bolt (6).
   2) Turn remover control selector valve (5) clockwise with lever (7) by 90° until it hits the stopper.
      - Turn the position of an arrow stamped on the head of remover control selector valve (5) from view "Y" to view "Z".



   P : Pump port
   R : Rear of machine
   S : Main valve discharge port
   T : Remover discharge port
   Y : Direction of arrows when not using remover
   Z : Direction of arrows when removing or installing counterweight



4. After starting up the engine, release the warming-up mode and keep the engine running at a low speed (low idle).

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