WEAM000704

Operation & Maintenance Manual

WB97S-2

BACKHOE-LOADER

SERIAL NUMBER

WB97S-2 97SF11205 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.

KOMATSU Utility

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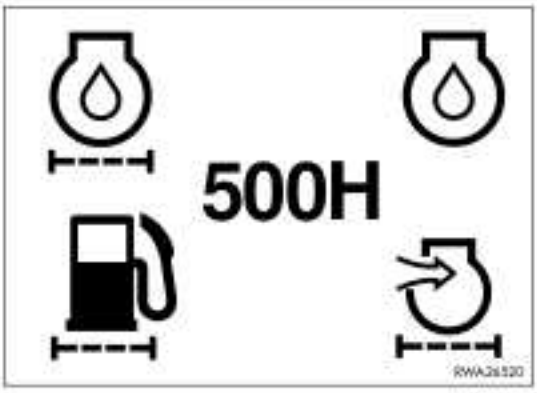
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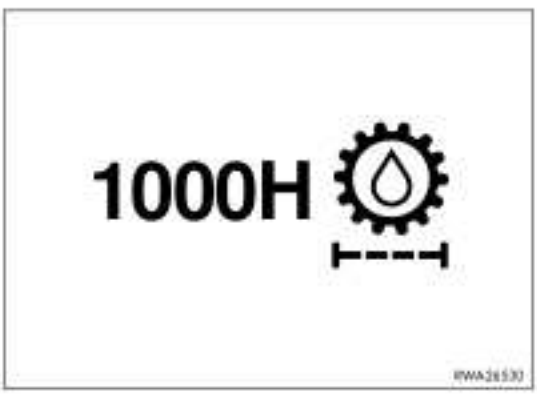
3 - Maintenance plan

The display shows the maintenance plan in the following order:

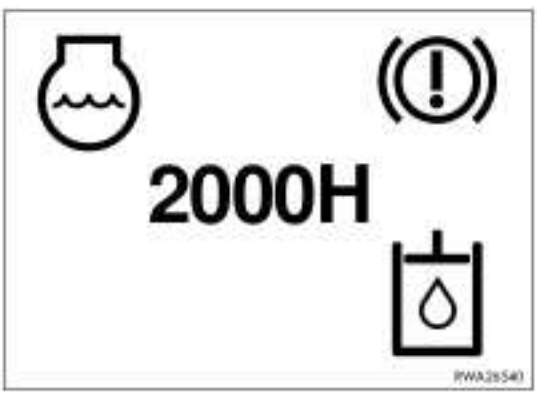
- Maintenance operations to be performed every 500 hours (engine oil, fuel filter, air cleaner and engine oil filter).



- Maintenance operations to be performed every 1000 hours (transmission filter).



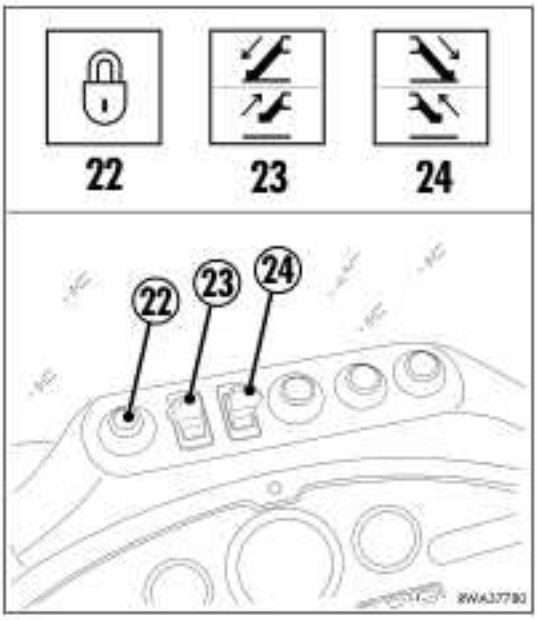
- Maintenance operations to be performed every 2000 hours (engine coolant, hydraulic oil and brake oil).



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22 - BACKHOE CONTROL LOCKING SWITCH (Version with servo controls only)

This switch has the specific function to disable all the backhoe controls and this function must always be activated when the backhoe is not used or when travelling on roads. To activate the control locking function, press the switch (22). The actual locking of the controls is indicated by the coming on of the corresponding warning light. To deactivate this function, press the switch (22) again until the corresponding warning light goes out. The backhoe control locking function is automatically activated at each start of the machine and is signalled by the coming on of the corresponding warning light. For further information on the operation of this switch, see "3.3.5.2 MACHINE CONTROLS (Version with servo controls)" pos. 26.



23 - LEFT STABILIZER CONTROL SWITCH (Version with servo controls only)

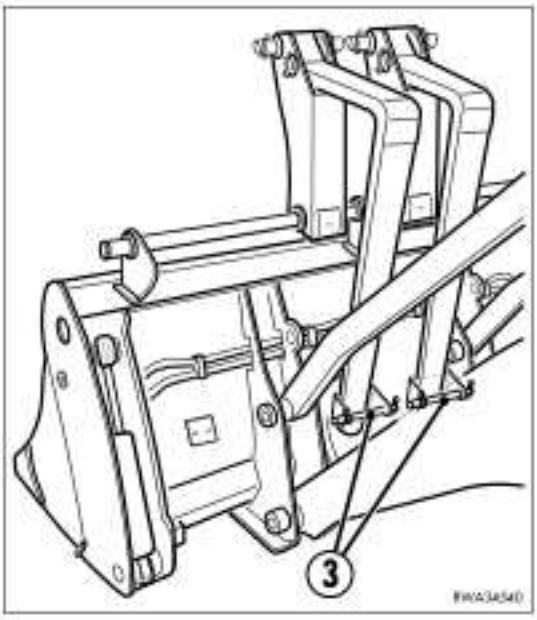
This switch controls the lifting and lowering of the left stabilizer. Push the switch (23) towards the outside of the cab to lower the left stabilizer. To lift the stabilizer, pull the switch (23) towards the inside of the cab. The function of the switch (23) can be disabled by means of the backhoe control locking switch (22). For further information on the operation of the stabilizers, see "3.3.5.2 MACHINE CONTROLS (Version with servo controls)" pos. 17.

24 - RIGHT STABILIZER CONTROL SWITCH (Version with servo controls only)

This switch controls the lifting and lowering of the right stabilizer. Push the switch (24) towards the outside of the cab to lower the right stabilizer. To lift the stabilizer, pull the switch (24) towards the inside of the cab. The function of the switch (24) can be disabled by means of the backhoe control locking switch (22). For further information on the operation of the stabilizers, see "3.3.5.2 MACHINE CONTROLS (Version with servo controls)" pos. 18.

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6.4.3 USING THE FORKS

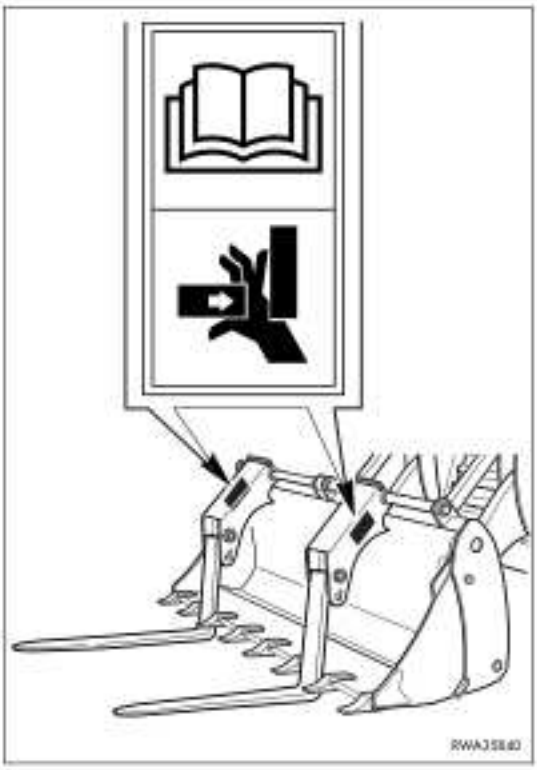


DANGER

- **Before working with the forks, the operator must evaluate the increased dimensions of the machine and learn how to use the fork controls.**
- **The forks protrude beyond the bucket outline and therefore it is necessary to be very careful when manoeuvring the machine, especially in reduced spaces.**
- **After forking the material, before suspending the load, move the forks in such a way as to lift their prongs and therefore prevent the load from slipping**

DANGER

- **When the forks are overturned for use or storage, be careful to the grasping points, since hands and feet may be injured and even cut.**
  Is advisable, this operation should be carried out by two persons.
- **Use the lifting, oscillation and shifting controls slowly and smoothly, in order to avoid vibrations that may cause the load to move.**
- **Maintain the greatest possible distance between the forks.**
- **The forks must always rest on the blade and be positioned between two teeth, in order to avoid any sideward slipping.**



6.4.3.1 PREPARING THE PALLET FORKS FOR USE

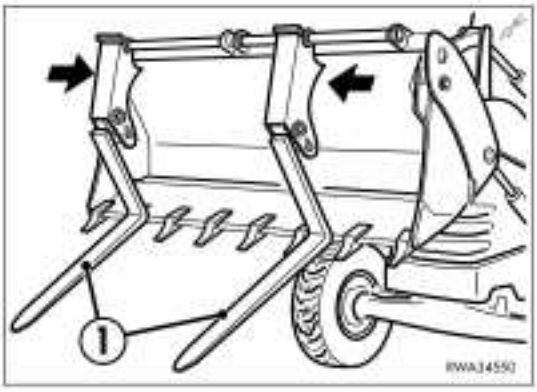
1 - Overturn the forks toward the front part of the machine.

2 - Raise the bucket and operate the control lever in such a way as to swing it forward until releasing the forks from the bucket teeth.

3 - Move the forks (1) sidewards to widen or narrow the distance between them according to the width of the load to be handled.

4 - Fold the bucket and manoeuvre the lifting arm until the forks are in horizontal position.

5 - Lubricate the fork rotation pins, (see "4.5.2 LUBRICATION DIAGRAM").



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