CEAM013002

Operation & Maintenance Manual

KOMATSU®

WB150AWS-2N

BACKHOE LOADER

SERIAL NUMBERS **WB150-2N** **A90002** and UP

December 2004

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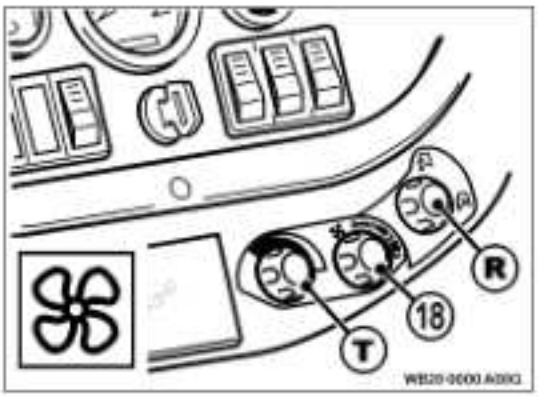
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BLOWER SWITCH

The blower switch ⑱ controls the blower motor operation, which has three speeds:

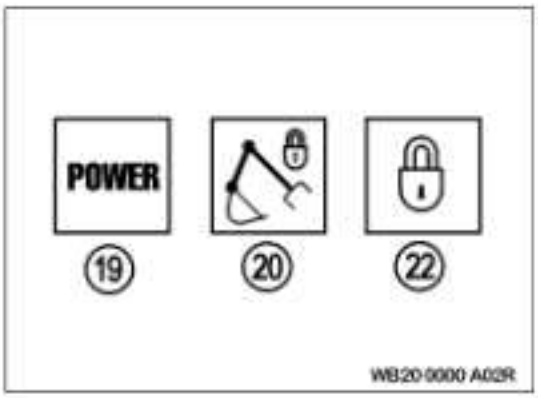
- Low
- Medium
- High

The temperature switch T adjusts the temperature of the airflow delivered inside the cab. Turning the knob clockwise increases the air temperature while turning the knob counterclockwise decreases the air temperature. The recirculation switch **R** blocks outside air from entering the cab, causing the air within the cab to recirculate. Use the recirculation feature in extreme hot or cold weather, and when working in dusty areas. Using different combinations of fan speed, temperature setting, and recirculation obtains the desired temperature within the cab.



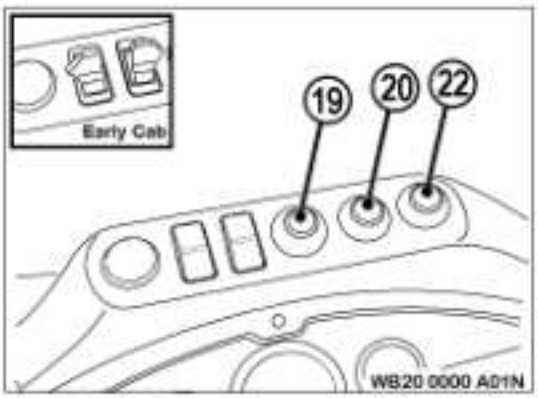
BACKHOE CONTROL SWITCH

This switch ⑲ permits the selection of the oil delivery of the hydraulic pump. When restarted, the machine automatically selects the POWER mode (*LED* on), even if it was stopped and the selected mode was ECONOMY. This position makes it possible to use the maximum oil delivery and is indispensable for the correct use of the backhoe. When the switch is pressed (*LED* off), the ECONOMY operation mode is selected. To return to the POWER mode (*LED* on), press the switch again. The machine passes automatically from the POWER to the ECONOMY operation mode when the forward or reverse gear is engaged. To return to the POWER operation mode, shift the lever back to the neutral position



BACKHOE BOOM LOCK SWITCH

This switch ⑳ is used to couple the safety lock with the boom when the backhoe is not used or when travelling. The safety lock is engaged when the switch is off (*LED* off), while its disengagement takes place when the switch is on (*LED* on). The function of the switch cannot be disabled through the lock out switch ㉒.

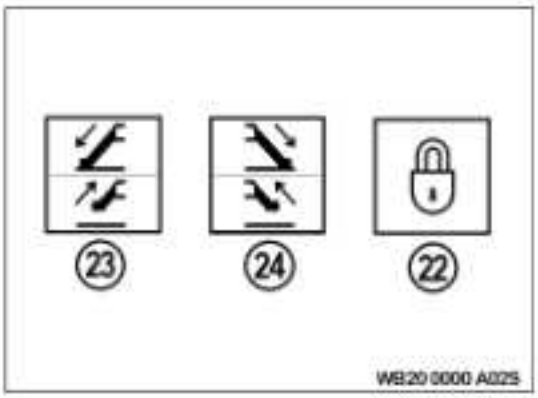


LOCK OUT SWITCH

This switch ㉒ has the specific function to disable all the backhoe controls. This function must always be activated when the backhoe is not used or when travelling on roads. To activate the locking function, press the lock out switch. Locking of the controls is indicated by the illumination of the switch light. To deactivate, press the lock out switch again and the switch light will go out. The backhoe locking function is automatically activated at each start of the machine and is signalled by the coming on of the illumination of the switch light.

LEFT OUTRIGGER CONTROL SWITCH

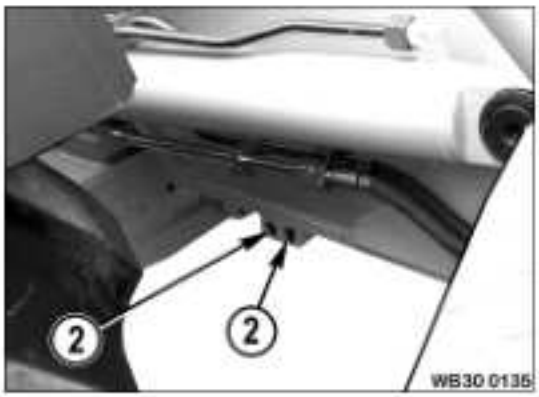
This switch ㉓ controls the lifting and lowering of the left outrigger. Push the switch towards the outside of the cab to lower the left outrigger. To lift the outrigger, pull/push the switch towards the inside of the cab. The function of the switch can be disabled by means of the lock out switch ㉒.



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Lubrication must be done after carefully cleaning the grease fittings, by attaching the grease pump and using the prescribed grease, see FUEL COOLANT AND LUBRICANTS on page 3-6.

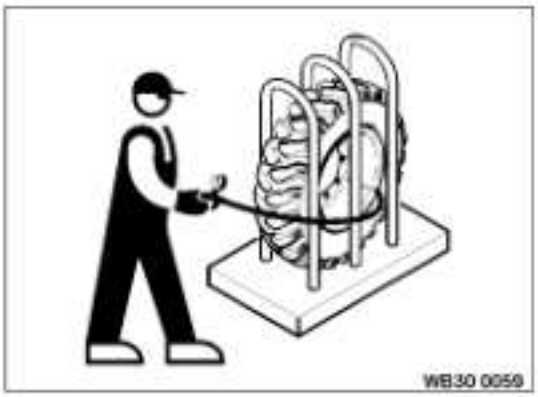
Once lubrication has been done, remove the contaminated grease that may have spread out of the joints and central coupling.



㉕ TIRE PRESSURE

⚠ WARNING

Inflate the tires only after positioning them in a protective cage. To inflate the tire, stand beside the external belt. Do not exceed the pressures prescribed.



This check is indispensable to preserve the tires, keep them efficient over time and make them last longer.

The correct pressures are indicated in the specifications section, see SPECIFICATIONS on page 4-2.

While checking the pressure, check conditions of the tread and sidewalls.

㉖ ELECTRICAL SYSTEM

⚠ WARNING

It the fuses are corroded, oxidized or not perfectly held in their seat, replace them only with fuses having the same capacity. Before changing a fuse, make sure that the ignition key is in the OFF position. If there are signs of short circuits on the cables, find the causes and repair them; always contact your distributor for troubleshooting.

Make sure that there are no disconnected cables or signs of short circuit in the electrical system. Make sure that all the cables are securely tightened to their respective terminals. Tighten any loose cables.

Check the following:

A Battery

B Starter

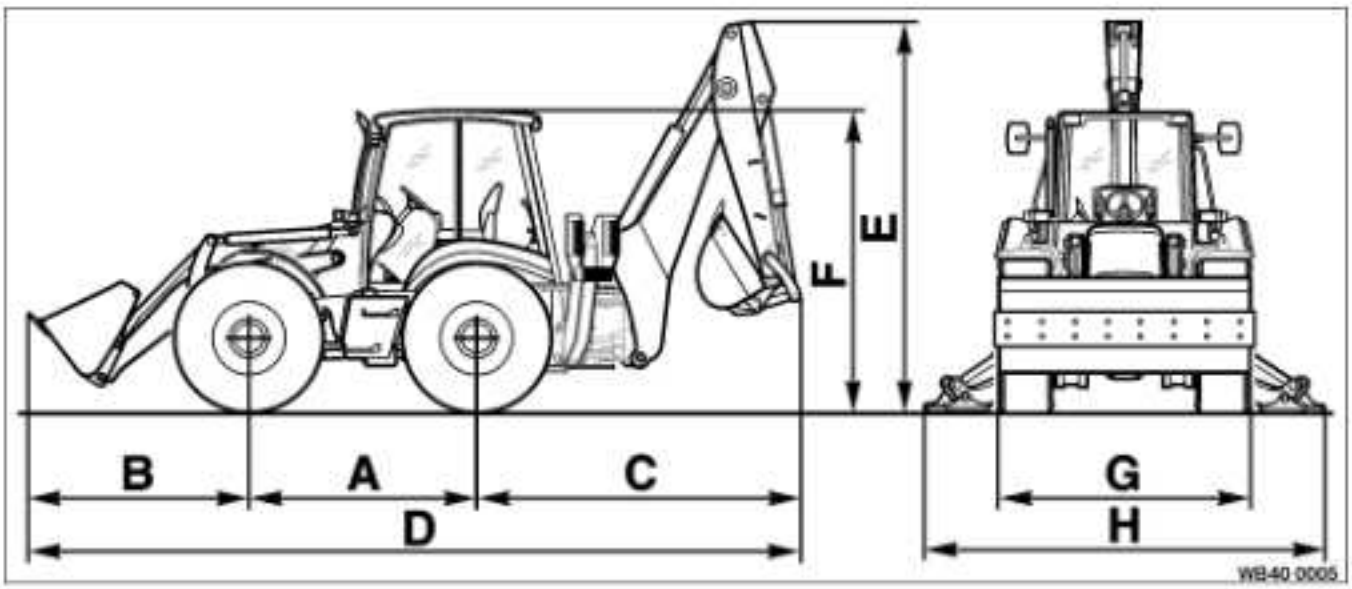
C Alternator

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SPECIFICATIONS

DIMENSIONS

MACHINE



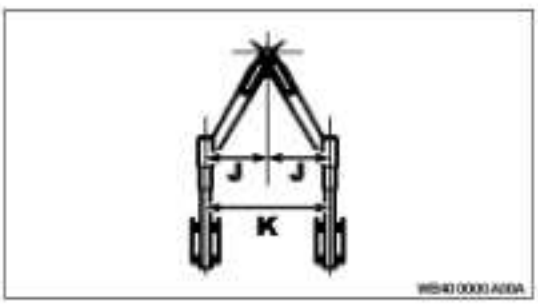
Unit: mm

Pos.	WB150AWS-2N Standard	WB150AWS-2N Telescopic Arm
A	2175	2175
B	2150	2150
C	2930	2835
D	7255	7160
E	3650 △ 3700 ▲	3720 △ 3770 ▲
F	2875 △ 2925 ▲	2875 △ 2925 ▲
G	2420	2420
H	3780	3780
J		
K		

△ With standard tires -16.9/24 PR12 149AB

▲ With optional tires -16.9/28 PR12 152AB

OFFSET BOOM - →



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