TEN00169-02

Operation & Maintenance Manual

WHEEL DOZER **WD600-3**

SERIAL NUMBERS 50001 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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CHECK ELECTRIC WIRING

WARNING

- **If fuses are frequently blown or if there is a short circuit in the electrical wiring, locate the cause and repair or contact your Komatsu distributor.**
- **Accumulation of flammable material (dead leaves, twigs, grass, etc.) around the battery may cause fire, so always check and remove such material.**
- **Keep the top surface of the battery clean and check the breather hole in the battery cap. If it is clogged with dirt or dust, wash the battery cap to clear the breather hole.**

Check for damage, wrong fuse capacity, and any sign of disconnection or short circuit in the electric wiring. Also, check and tighten any loose terminals.
Particularly, check the wiring of the "battery", "starting motor" and "alternator" carefully.
When checking around the battery, make sure there is no accumulation of flammable material. Remove all flammable material.
Please contact your Komatsu distributor for investigation and correction of the cause.

CHECK PARKING BRAKE

Check that the parking brake works with full effect.
If there is any problem in the operation of the parking brake, please ask your Komatsu distributor to carry out adjustment.

CHECK BRAKE PEDAL

Drive the machine forward and check the effect of the brakes.
If there is any problem in the actuation of the brakes, please contact your Komatsu distributor to have the brakes adjusted.

CHECK INFLATION PRESSURE OF TIRES

Measure the inflation pressure with a tire pressure gauge, while the tires are cool, before starting work.
Check for damage or wear to the tires and the rims.
Check for loose wheel hub nuts (bolts).
The proper inflation pressure is shown below.

Size	Standard inflation pressure
35/65-33-24PR (L4 Rock)	Front tire: 0.34 MPa (3.5 kg/cm^2, 49.7 PSI) Rear tire: 0.39 MPa (4.0 kg/cm^2, 56.8 PSI)
35/65-33-24PR (L5 Rock)	Front tire: 0.34 MPa (3.5 kg/cm^2, 49.7 PSI) Rear tire: 0.39 MPa (4.0 kg/cm^2, 56.8 PSI)
35/65-R33 (L4 Rock)	Front tire: 0.44 MPa (4.5 kg/cm^2, 63.9 PSI) Rear tire: 0.49 MPa (5.0 kg/cm^2, 71.0 PSI)

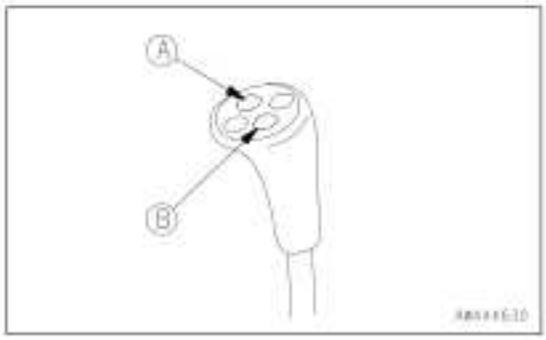
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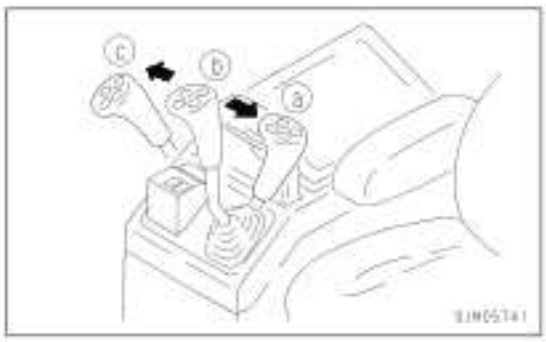
The optimum inflation pressure differs according to the type of work. For details, see "HANDLING THE TIRES (PAGE 3-79)".

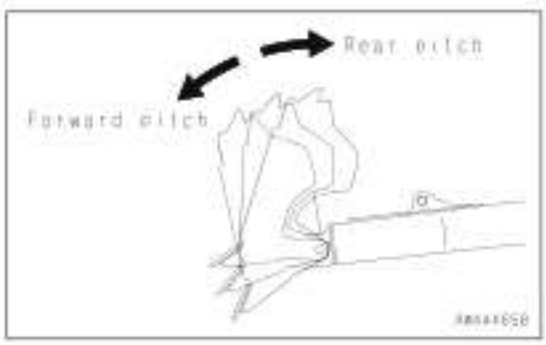
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BLADE PITCH OPERATION

Keep the switch (A) or (B) at the tip of the lever pressed and operate the lever. If switch (A) or (B) is not kept pressed when the lever is operated, it will be impossible to carry out the blade pitch operation.
Position (a): REAR PITCH
Position (b): HOLD
Position (c): FORWARD PITCH







WORK POSSIBLE USING WHEEL DOZER

DITCHING

For ditch excavation, tilt the blade. Ground can be dug effectively by a tilted blade.

SMOOTHING

Uneven ground surfaces remaining after digging can be leveled off by fine operation of blade. The basic method is to operate the machine at low speeds with the blade fully loaded with soil and sand. A flat finished surface is also possible by slowly backing the machine with the blade "floating" so it is dragged across the surface. However, avoid this on rocky or stony ground, as it may damage the blade.

DOZING

A wheel dozer transports dirt in a forward direction. Slope excavation can always be most effectively carried out by proceeding from the top downward.

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SERVICE PROCEDURE

INITIAL 250 HOURS SERVICE

Perform the following maintenance only after the first 250 hours.

- Replace transmission oil filter element
- Replace hydraulic tank filter element

For details of the method of replacing or maintaining, see the section on EVERY 500 HOURS and 2000 HOURS SERVICE.

INITIAL 2000 HOURS SERVICE

Perform the following maintenance after 2000 hours of traveling only for the first meintenance of the new car.

CHECK INJECTOR SETTING LOAD, ADJUST

Special tools are needed for inspection and maintenance, so contact your Komatsu distributor.

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