TEN00372-01

Operation & Maintenance Manual

WHEEL LOADER **WA600-6**

SERIAL NUMBERS 60634 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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GUIDES TO MAINTENANCE

Do not perform any inspection and maintenance operation that is not found in this manual.

CHECK SERVICE METER:
Check the service meter reading every day to see if the time has come for any necessary maintenance to be performed.

KOMATSU GENUINE REPLACEMENT PARTS:
Use Komatsu genuine parts specified in the Parts Book as replacement parts.

KOMATSU GENUINE OILS:
For lubrication of the machine, use the Komatsu genuine lubricants. Moreover use oil of the specified viscosity according to the ambient temperature.

ALWAYS USE CLEAN WASHER FLUID:
Use automobile window washer fluid, and be careful not to let any dirt get into it.

ALWAYS USE CLEAN OIL AND GREASE:
Use clean oil and grease. Also, keep the containers of the oil and grease clean. Keep foreign materials away from oil and grease.

CHECKING FOR FOREIGN MATERIALS IN DRAINED OIL AND ON FILTERS:
After oil is changed or filters are replaced, check the old oil and filters for metal particles and foreign materials. If large quantity of metal particles or foreign materials are found, always report to the person in charge, and carry out suitable action.

FUEL STRAINER:
If your machine is equipped with a fuel strainer, do not remove it while fueling.

WELDING INSTRUCTIONS:
- Turn off the engine starting switch.
- Do not apply more than 200 V continuously.
- Connect grounding cable within 1 m (3.3 ft) of the area to be welded. If grounding cable is connected near instruments, connectors, etc., the instruments may malfunction.
- If a seal or bearing happens to come between the part being welded and grounding point, change the grounding point to avoid such parts.
- Do not use the area around the work equipment pins or the hydraulic cylinders as the grounding point.
- Remove the negative (-) terminal of the battery to stop the flow of electric current.

DO NOT DROP THINGS INSIDE MACHINE:
- When opening inspection windows or the oil filler port of the tank to carry out inspection, be careful not to drop nuts, bolts, or tools inside the machine.
  If such things are dropped inside the machine, it may cause damage and/or malfunction of the machine, and will lead to failure. If you drop anything inside the machine, always remove it immediately.
- Do not put unnecessary things in your pockets. Carry only things which are necessary for inspection.

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CHECK INFLATION PRESSURE OF TIRES

⚠ WARNING

When inflating a tire, check that no one will enter the working area. Use an air chuck which has a clip and which can be fixed to the air valve.

- **While inflating the tire, check the inflation pressure occasionally so that it will not rise too high.**
- **If the rim is not fitted normally, it may be broken and scattered while the tire is inflated. To ensure safety, place a guard around the tire and do not work in front of the rim but work on the tread side of the tire.**
- **Abnormal drop of inflation pressure and abnormal fitting of the rim indicate trouble in the tire or rim. In this case, be sure to ask a tire repair shop to carry out repairs.**
- **Be sure to observe the specified inflation pressure.**
- **Do not adjust the inflation pressure of the tires just after high-speed travel or heavy-duty work.**



CHECK

Measure the inflation pressure with a tire pressure gauge, while the tires are cool, before starting work.

INFLATION OF TIRES

Adjust the inflation pressure properly.

When inflating a tire, use an air chuck which can be fixed to the air valve of the tire as shown in the figure. Do not work in front of the rim but work on the tread side of the tire.

The proper inflation pressure is shown below.

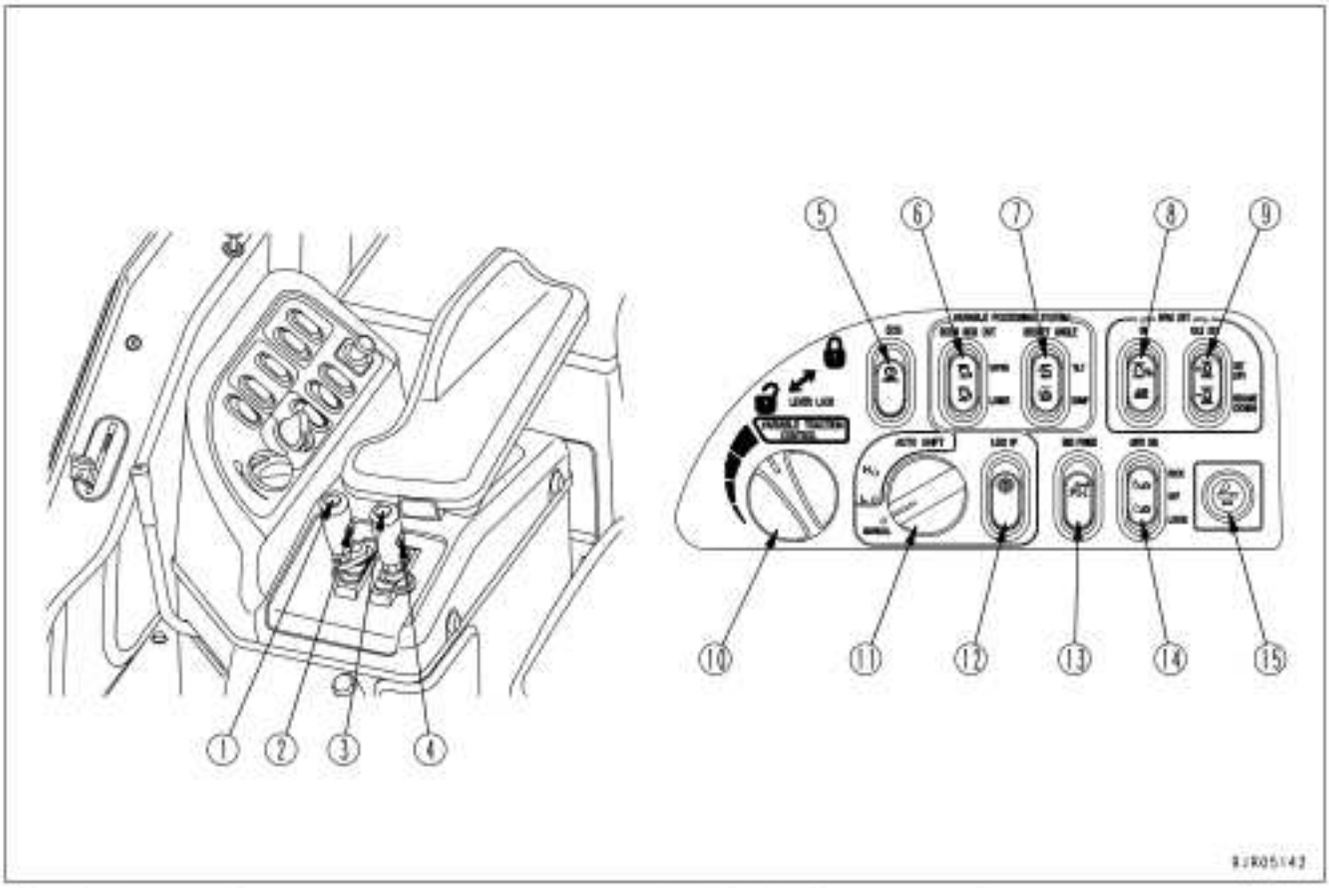
Size	Standard inflation pressure
35/65-33-36PR (Standard)	Front tire: 0.525MPa {5.4kg/cm^2, 76.7PSI} Rear tire: 0.525MPa {5.4kg/cm^2, 76.7PSI}
35/65-33-42PR (if equipped)	Front tire: 0.625MPa {6.4kg/cm^2, 90.9PSI} Rear tire: 0.625MPa {6.4kg/cm^2, 90.9PSI}
35/65R33☆ (if equipped)	Front tire: 0.59MPa {6.0kg/cm^2, 85.2PSI} Rear tire: 0.49MPa {5.0kg/cm^2, 71.0PSI}
35/65R33☆☆ (if equipped)	Front tire: 0.75MPa {7.6kg/cm^2, 108.0PSI} Rear tire: 0.65MPa {6.6kg/cm^2, 93.7PSI}

NOTICE

The optimum inflation pressure differs according to the type of work. For details, see "HANDLING THE TIRES (PAGE 3-190)".

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RIGHT SWITCH PANEL, CONTROL LEVER SWITCH



(1) Kickdown switch
(2) Hold switch
(3) Load meter cancel switch (if equipped)
(4) Load meter sub-total switch (if equipped)
(5) E.C.S.S. switch (*) (if equipped)
(6) Remote positioner raise/lower set switch
(7) Remote positioner bucket angle set switch
(8) RPM set ON-OFF switch (if equipped)
(9) RPM set idling up-down selector switch (if equipped)
(10) Driving force control dial
(11) Transmission auto shift/manual shift selector switch
(12) Torque converter lock-up switch (if equipped)
(13) Engine power mode selector switch
(14) Semi auto digging selector switch (if equipped)
(15) Cigarette lighter

(*)E.C.S.S.: Electronic Controlled Suspension System

For details of switches (1) - (15), see "SWITCHES (PAGE 3-50)" in the OPERATION section.

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