TEN00399-00

Operation & Maintenance Manual

WHEEL LOADER **WA250-6**

SERIAL NUMBERS 75813 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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TRANSPORTATION

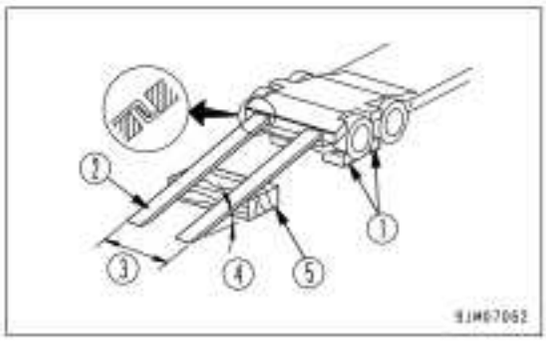
When the machine is transported on a trailer, there is danger of serious personal injury or death during transportation. Always do as follows.

- Always check the machine dimensions carefully. Depending on the work equipment installed, the machine weight, transportation height, and overall length may differ.
- Check beforehand that all bridges and other structures on the transportation route are strong enough to withstand the combined weight of the transporter and the machine being transported.
- The machine can be divided into parts for transportation, so when transporting the machine, please contact your Komatsu distributor to have the work carried out.
- Lock the frame with the frame lock bar to prevent the machine from articulating.
- Fit chains to the front frame and the rear frame to hold the machine securely in position.
- For details of the procedure for transporting the machine, see "TRANSPORTATION (PAGE 3-138)".

LOADING AND UNLOADING

When loading or unloading the machine, mistaken operation may bring the hazard of the machine tipping over or falling, so particular care is necessary. Always do as follows.

- Perform loading and unloading on firm, level ground only. Maintain a safe distance from the edge of the road or cliff.
- Always use ramps of adequate strength. Be sure that the ramps are wide, long, and thick enough to provide a safe loading slope. Take suitable steps to prevent the ramps from moving out of position or coming off.
- Be sure the ramp surface is clean and free of grease, oil, ice and loose materials. Remove dirt from the tire of the machine. On a rainy day, in particular, be extremely careful since the ramp surface is slippery.
- Run the engine at low idling and drive the machine slowly at low speed.
- Never correct your steering on the ramps. If necessary, drive off the ramps, correct the direction, then enter the ramps again.

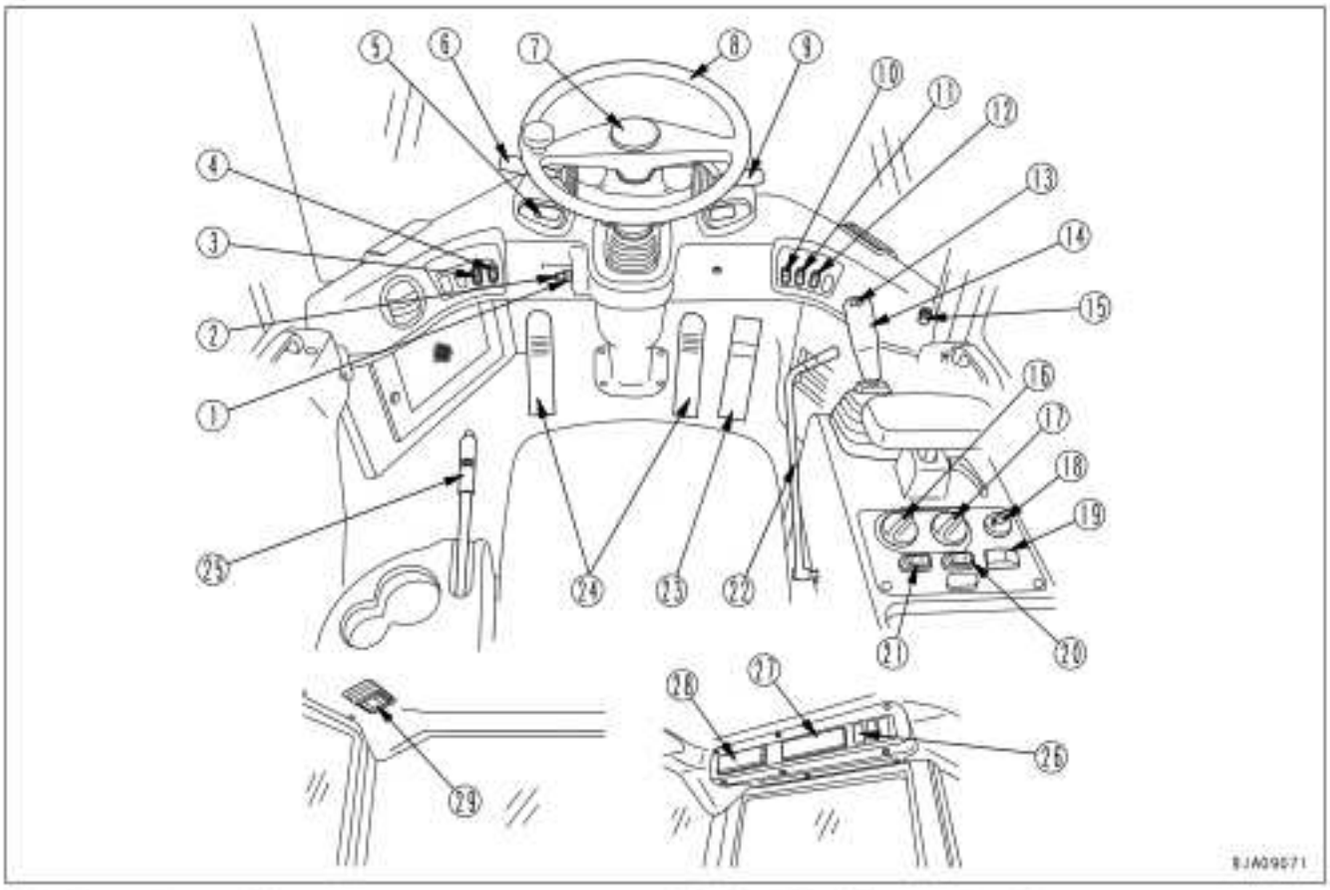


(1) Blocks
(2) Ramp
(3) Width of ramps: Same width as tiers
(4) Angle of ramps: Max. 15°
(5) Block

- When loading or unloading to an embankment or platform, make sure that it has suitable width, strength, and grade.
- For machines equipped with a cab, always lock the door after boarding the machine. If this is not done, the door may suddenly open during transportation.
  Refer to "TRANSPORTATION (PAGE 3-138)".

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GENERAL VIEW OF CONTROLS AND GAUGES



(1) Rear wiper switch
(2) Front wiper switch
(3) Machine monitor mode selector switch 1
(4) Machine monitor mode selector switch 2
(5) E.C.S.S. switch (if equipped) (*)
(6) Directional lever
(7) Horn button
(8) Steering wheel
(9) Lamp switch
(9) Turn signal lever
(9) Dimmer switch
(10) Front working lamp switch
(11) Rear working lamp switch
(12) Hazard lamp switch
(13) Max. traction switch
(14) Work equipment control lever
(15) Cigarette lighter
(16) Variable shift control switch
(17) Speed range selector switch
(18) Starting switch
(19) Quick coupler attachment switch (if equipped)
(20) Cooling fan reverse rotation switch
(20) Cooling fan auto reverse rotation switch (if equipped)
(21) Traction control switch
(22) Work equipment lock lever
(23) Accelerator pedal
(24) Brake pedal
(25) Parking brake lever
(26) Rear heated wire glass switch
(27) Air conditioner panel
(28) Radio (if equipped)
(29) Room lamp switch

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

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EVERY 500 HOURS SERVICE

CHANGE OIL IN ENGINE OIL PAN, REPLACE ENGINE OIL FILTER CARTRIDGE ---- 4- 55
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EVERY 1000 HOURS SERVICE

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EVERY 2000 HOURS SERVICE

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*: The interval of 2000 hours for changing the axle oil is for standard operations. If the brake is used frequently or the brakes make a sound, change the oil after a shorter interval.

EVERY 4000 HOURS SERVICE

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EVERY 8000 HOURS SERVICE

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REPLACE FUEL SPRAY PREVENTION CAP ---- 4- 74

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