TEN00455-05

Operation & Maintenance Manual

WHEEL LOADER **WA250PZ-6**

SERIAL NUMBERS 75865 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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GREASE PUMP ---- 3- 63
OPENING, CLOSING CAB DOORS, WINDOWS ---- 3- 64
FUSE ---- 3- 68
SLOW BLOW FUSE ---- 3- 70
POWER OUTLET ---- 3- 71
STORAGE BOX ---- 3- 71
AM/FM RADIO-CASSETTE STEREO ---- 3- 72
AIR CONDITIONER ---- 3- 80
HANDLING CAB WIPER ---- 3- 87
OPERATION ---- 3- 88
CHECK BEFORE STARTING ENGINE, ADJUST ---- 3- 88
STARTING ENGINE ---- 3-107
CHECKS AFTER STARTING ENGINE ---- 3-111
OPERATIONS AND CHECKS AFTER STARTING ENGINE ---- 3-112
STOPPING ENGINE ---- 3-115
MOVING THE MACHINE (DIRECTIONAL, SPEED), STOPPING THE MACHINE ---- 3-116
TURNING ---- 3-122
OPERATION OF WORK EQUIPMENT ---- 3-124
HANDLING HYDRAULIC QUICK COUPLER ---- 3-126
WORK POSSIBLE USING WHEEL LOADER ---- 3-130
PRECAUTIONS FOR OPERATION ---- 3-135
ADJUSTING WORK EQUIPMENT POSTURE ---- 3-137
PARKING MACHINE ---- 3-140
CHECKS AFTER COMPLETION OF OPERATION ---- 3-142
LOCKING ---- 3-142
HANDLING THE TIRES ---- 3-143
TRANSPORTATION ---- 3-145
TRANSPORTATION PROCEDURE ---- 3-145
LOADING, UNLOADING WORK WITH TRAILERS ---- 3-145
LIFTING MACHINE ---- 3-149
COLD WEATHER OPERATION ---- 3-151
PRECAUTIONS FOR LOW TEMPERATURE ---- 3-151
PRECAUTIONS AFTER COMPLETION OF WORK ---- 3-152
AFTER COLD WEATHER ---- 3-152
LONG-TERM STORAGE ---- 3-153
BEFORE STORAGE ---- 3-153
DURING STORAGE ---- 3-153
AFTER STORAGE ---- 3-153
TROUBLESHOOTING ---- 3-154
WHEN MACHINE RUNS OUT OF FUEL ---- 3-154
METHOD OF TOWING MACHINE ---- 3-154
IF BATTERY IS DISCHARGED ---- 3-156
OTHER TROUBLE ---- 3-159
MAINTENANCE ---- 4- 1
GUIDES TO MAINTENANCE ---- 4- 2
OUTLINES OF SERVICE ---- 4- 4
HANDLING OIL, FUEL, COOLANT, AND PERFORMING OIL CLINIC ---- 4- 4
OUTLINE OF ELECTRIC SYSTEM ---- 4- 7
WEAR PARTS ---- 4- 8
WEAR PARTS LIST ---- 4- 8

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TRANSPORTATION

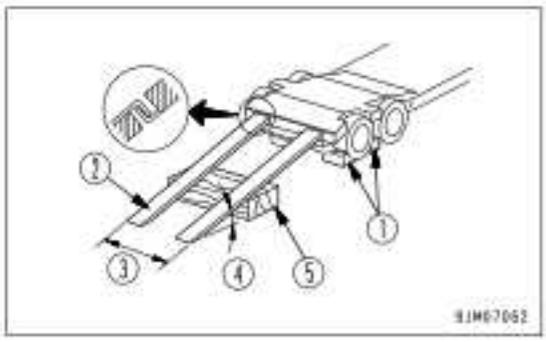
When the machine is transported on a trailer, there is danger of serious personal injury or death during transportation. Always observe the following.

- 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, consult your Komatsu distributor to have the work performed.
- 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 3-145)".

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 observe the following.

- 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 idle (MIN) 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 deg.
(5) Block

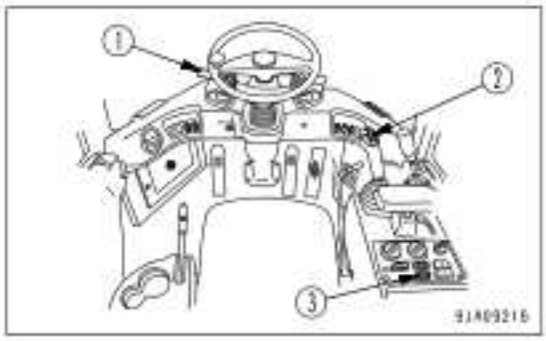
- When loading or unloading the machine to an embankment or platform, make sure that it has suitable width, strength, and grade.
- For machines equipped with a cab, always lock the door after boarding the machine. If this is not done, the door may suddenly open during transportation.
  Refer to "TRANSPORTATION (PAGE 3-145)".
- When it is necessary to remove handrails and steps, take care not to lose removed handrails and steps. Install the removed handrails and steps securely.

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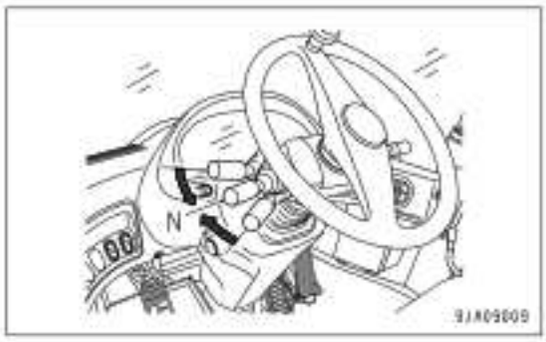
USING SWITCH TO CHANGE BETWEEN FORWARD AND REVERSE

WARNING

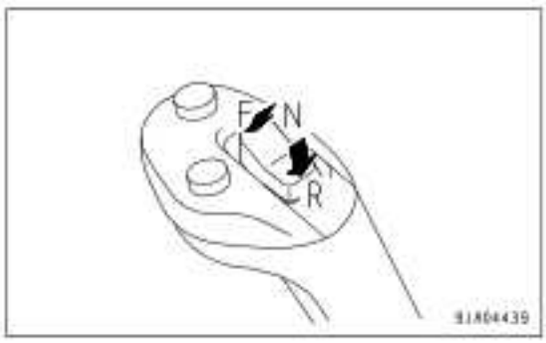
When the directional selector switch actuation switch (3) is at the ON position, if the directional lever (1) is operated to FORWARD or REVERSE, the machine will travel in forward or reverse according to the operation of the directional lever, regardless of the position of the directional selector switch (2).
Priority is given to the operation of the directional lever, so be careful when operating.



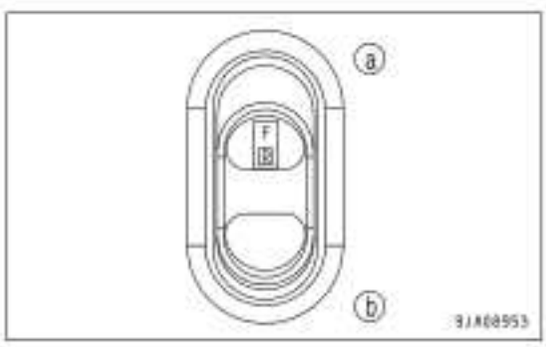
1. Place the directional lever (1) at the N position.



2. Place the directional selector switch (2) at the N position.



3. Place the directional selector switch actuation switch (3) at the ON position (a).



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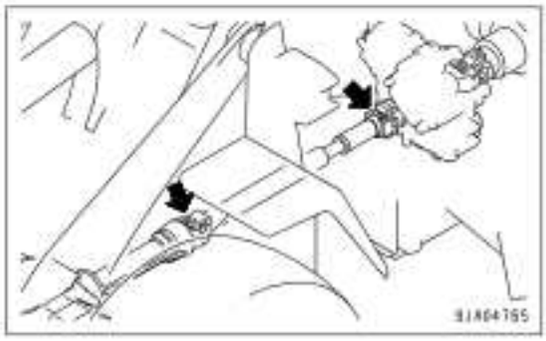
EVERY 4000 HOURS SERVICE

Maintenance for every 50, 100, 250, 500, 1000 and 2000 hours service should be carried out at the same time.

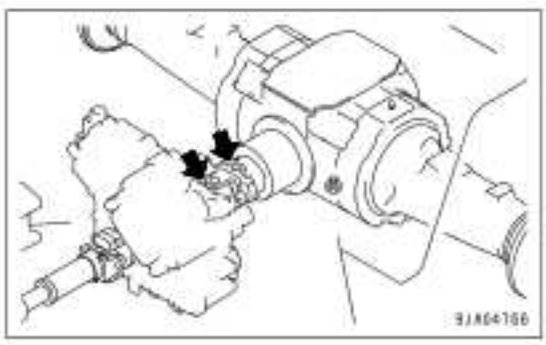
LUBRICATING

1. By using a grease pump, pump in grease through the grease fittings marked by the arrows.
2. After greasing, wipe off any old grease that was pushed out.

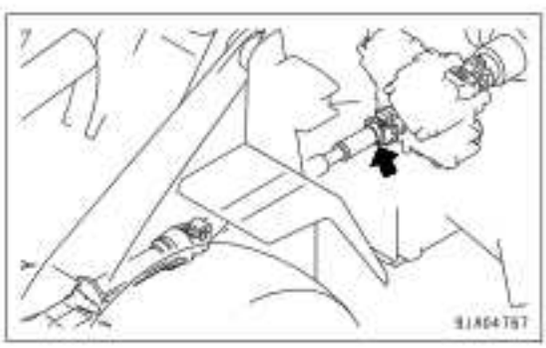
(1) Front drive shaft (2 places)



(2) Rear drive shaft (2 places)



(3) Drive shaft spline (1 place)



CHECK WATER PUMP

Check the water pump and its relative parts for water leak, and if anything abnormal is found, call on your Komatsu distributor for repairs or replacement.

CHECK STARTING MOTOR

Ask your Komatsu distributor to have the starting motor checked.
If the engine is started frequently, have this inspection performed every 1000 hours.

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