TEN00706-03

Operation & Maintenance Manual

WHEEL LOADER **WA380-8**

SERIAL NUMBERS 15001 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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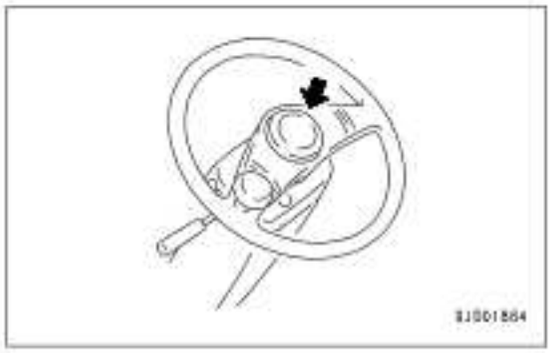
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HORN SWITCH

If you press the horn switch, the horn sounds.





KICKDOWN SWITCH

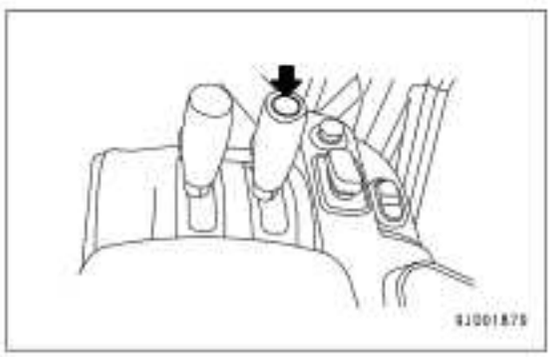
The kickdown switch is located at the top of the boom control lever.

In the manual shift mode, each time the kickdown switch is pressed while the machine is traveling in forward 2nd (F2) , the gear speed is shiftted down to forward 1st (F1).

Use this switch to increase the rim pull during scooping.

While the shift range is in forward 1st (F1) in E mode, the working mode can be changed to P mode by pressing the kickdown switch.

Use this switch to increase the rim pull further during scooping or for scrape-up work.



In E mode

2nd E mode → 1st E mode → 1st P mode

In P mode

2nd P mode → 1st P mode

In the auto-shift mode, if the travel speed is 10.5 km/h {6.5 MPH} or slower, the kickdown switch operates and the gear speed can be shifted down to 1st from any gear speed of the forward or reverse travel.

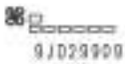
This function facilitates the load-and-carry operation.

When the travel speed is higher than 10.5 km/h {6.5 MPH} , the gear speed is shifted down by one gear speed each time the kickdown switch is pressed in the order F4, F3, and F2.

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- During auto operation, the air flow is automatically adjusted.

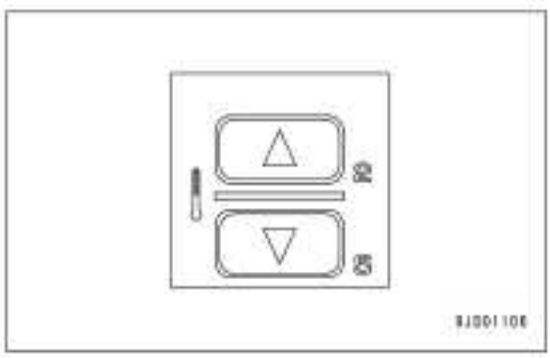
The set position of the air flow is indicated on the display monitor.

Monitor display	Air flow
 9JD29909	Air flow "LOW"
 9JD29910	Air flow "MEDIUM 1"
 9JD29911	Air flow "MEDIUM 2"
 9JD29912	Air flow "MEDIUM 3"
 9JD29913	Air flow "MEDIUM 4"
 9JD29914	Air flow "HIGH"

TEMPERATURE CONTROL SWITCH

Use the temperature control switch to adjust the temperature inside the cab. The temperature can be set in the range of 18 to 32 °C {64.4 to 89.6 °F} .

- Press the △ switch to raise the set temperature; press the ▽ switch to lower the set temperature.
  The set temperature is indicated on the display monitor.
- The temperature is generally set at 25 °C {77 °F} .
- The temperature can be set in stages of 0.5 °C {0.9 °F} .



Monitor display and function

Monitor display	Set temperature
18 °C {64.4 °F}	Max. cooling
18.5 to 31.5 °C {65.3 to 88.7 °F)	Adjusts temperature inside cab to set temperature
32 °C {89.6 °F}	Max. heating

REMARK

If the mode is set to auto mode and the temperature setting is set to 18 °C {64.4 °F} or 32 °C {89.6 °F} , the air flow from the fan is always set to "HIGH" and does not change even when the temperature reaches the set temperature.

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METHOD FOR LUBRICATING DRIVE SHAFT

Use the special grease for drive shaft, and perform greasing every 4000 hours or every 2 years.

If the special grease is not used but common lithium base grease is used, perform greasing every 1000 hours after then.

Part No. of special grease for drive shaft: 56B-20-19910

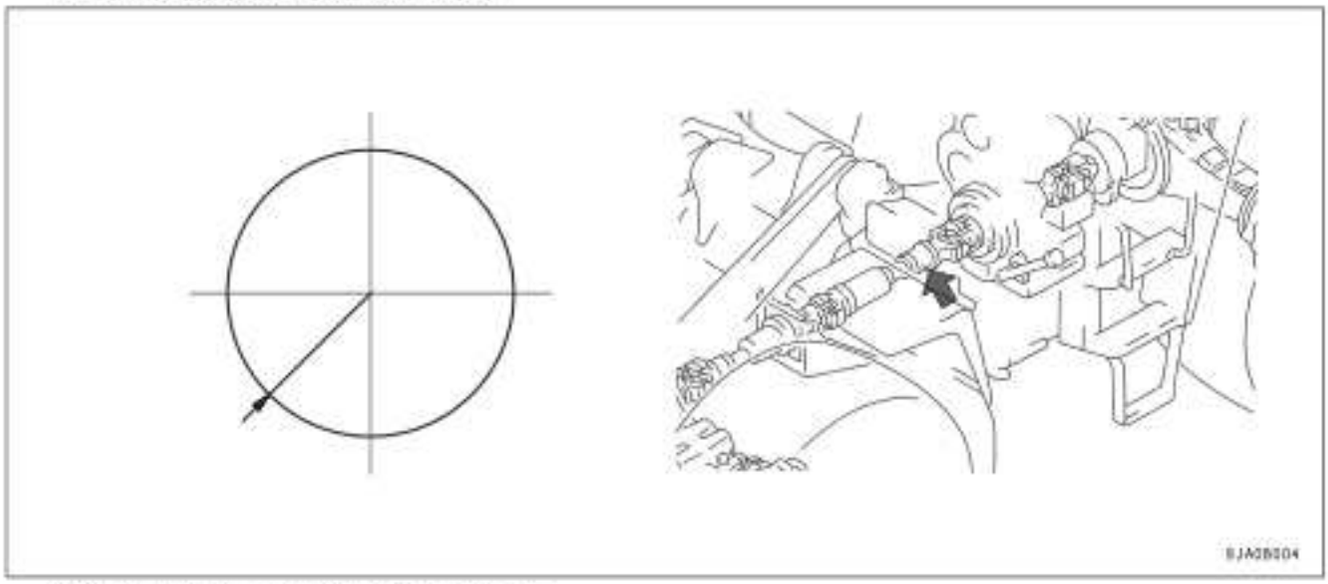
1. By using a grease pump, pump in grease through the grease fittings shown by arrows.

   For the greasing, stop the drive shaft when the grease fitting of center drive shaft spline (1) comes to the position shown in the figure, and then pump in grease from the bottom side of the machine.

   The position of the grease fitting at this point is the one circled and indicated by the arrow when viewed from the rear side of the machine. See the figure below.

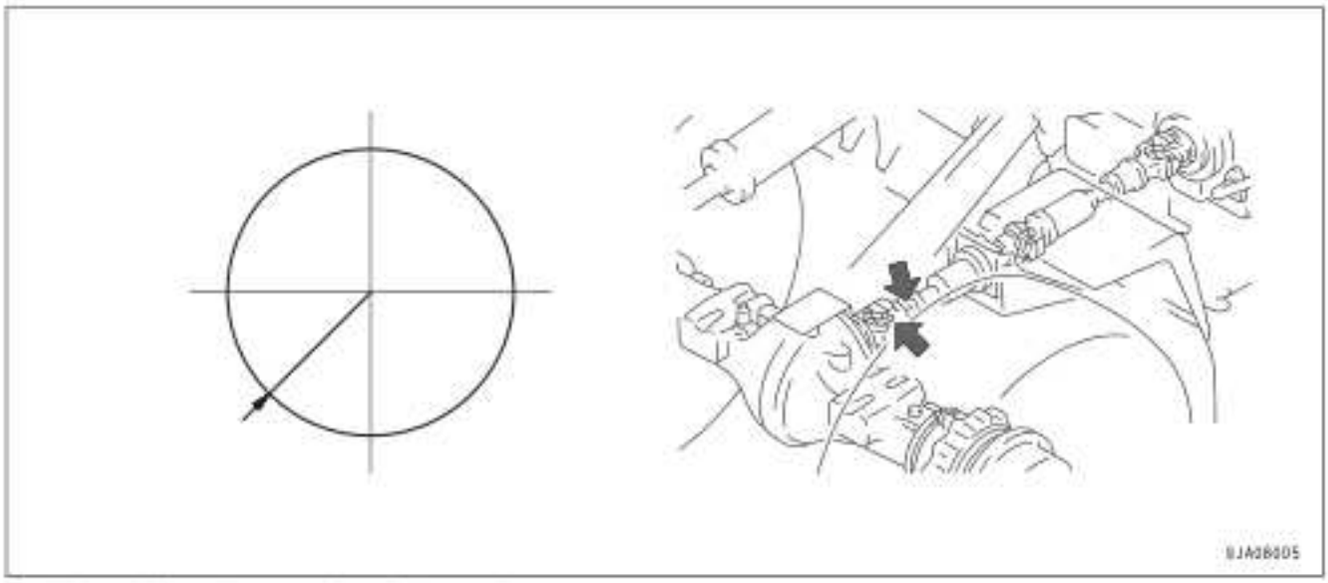
2. After greasing, wipe off any old grease that is pushed out.

(1) Center drive shaft spline (1 place)



Viewed from the rear side of the machine.

(2) Front drive shaft (2 places)



Viewed from the rear side of the machine.

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