TEN00674-01

Operation & Maintenance Manual

WHEEL LOADER **WA470-8**

SERIAL NUMBERS 100001 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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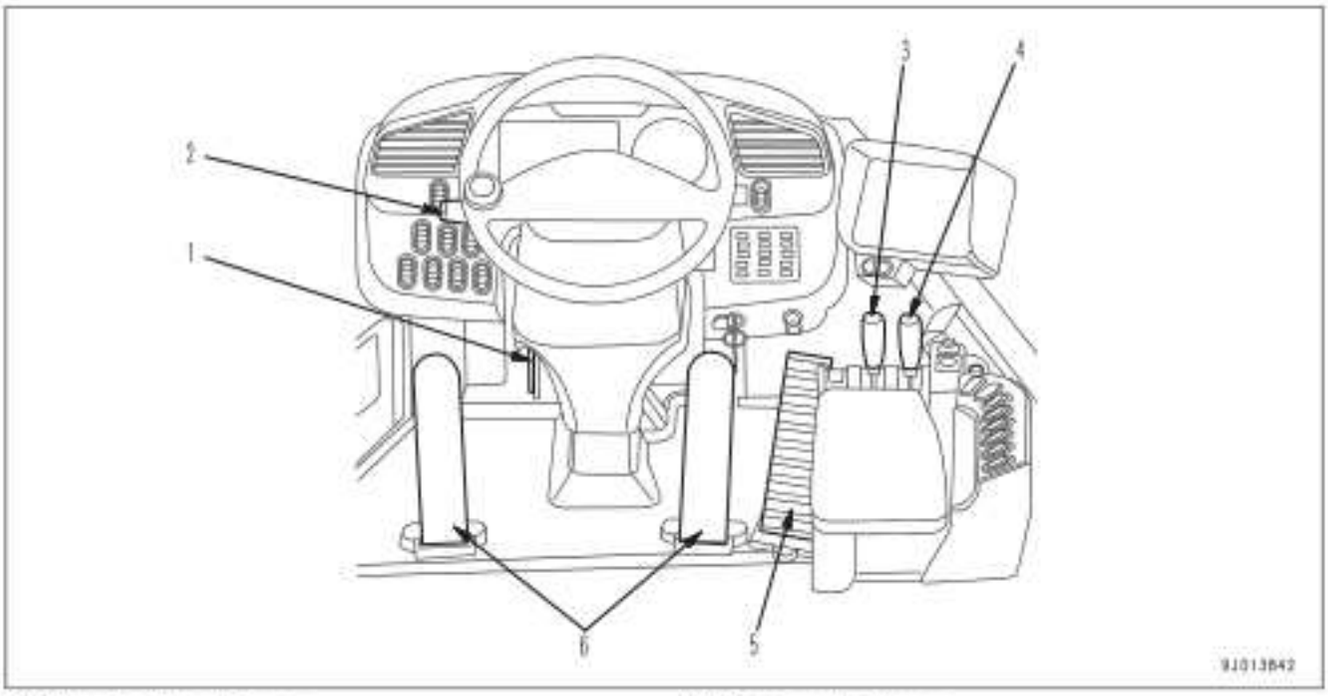
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CONTROL LEVERS AND PEDALS



(1) Steering tilt lock lever
(2) Directional lever
(3) Bucket control lever
(4) Boom control lever
(5) Accelerator pedal
(6) Brake pedal

DIRECTIONAL LEVER

The directional lever switches the machine travel between the forward and reverse.

The engine does not start if the directional lever is not in NEUTRAL position (N).

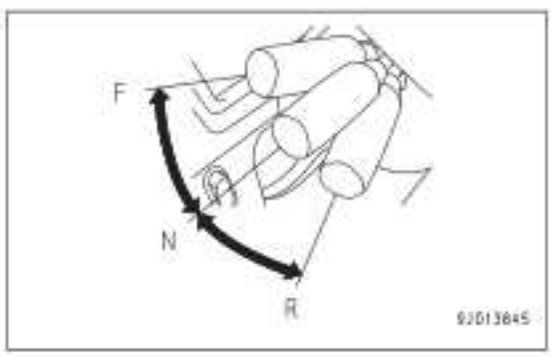
In such case, the centralized warning lamp lights up and the alarm buzzer sounds.

Start the engine after turning the directional lever to NEUTRAL position (N).

Position (F): FORWARD

Position (N): NEUTRAL

Position (R): REVERSE



REMARK

Do not maintain the directional lever at the intermediate position between positions (F) and (N), or between positions (N) and (R).
Although the transmission operates as displayed on the monitor screen, the alarm buzzer sounds.

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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.

A: Monitor display

B: Air flow

a: Air flow "LOW"

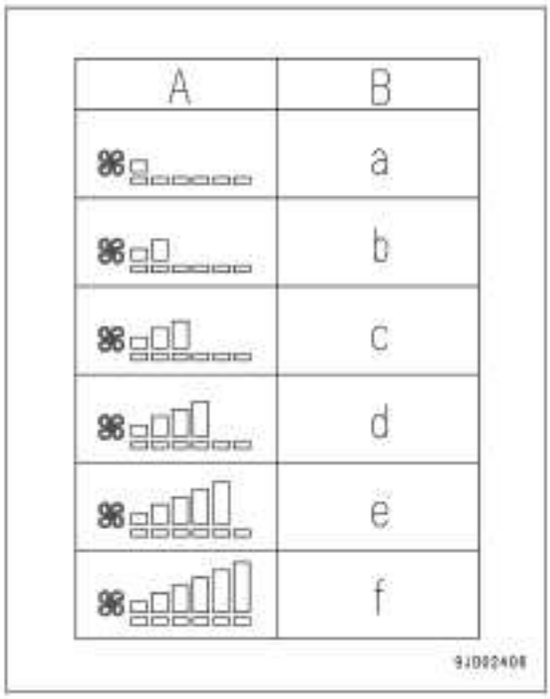
b: Air flow "MEDIUM 1"

c: Air flow "MEDIUM 2"

d: Air flow "MEDIUM 3"

e: Air flow "MEDIUM 4"

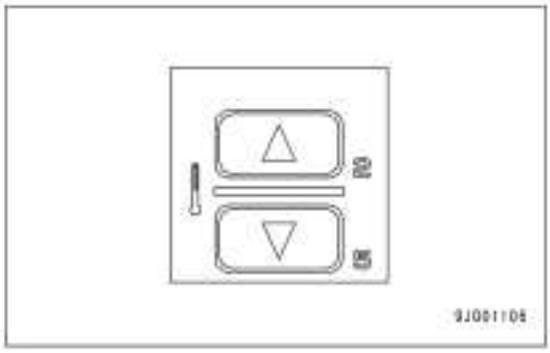
f: Air flow "HIGH"



TEMPERATURE CONTROL SWITCH

Use the temperature control switch to adjust the temperature inside the cab. The temperature can be set between 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 (32.9 °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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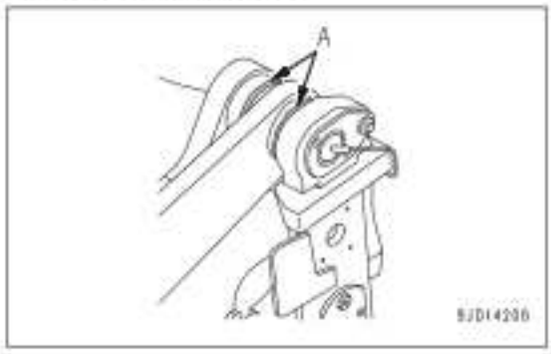
EVERY 100 HOURS MAINTENANCE

Maintenance for every 50 hours service should be performed at the same time.

METHOD FOR LUBRICATING WORK EQUIPMENT

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

   Pump in grease until new grease (A) comes out through the gaps on the right and left (or top and bottom) of the lubricated portion.



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

NOTICE

Shorten the greasing interval than usual in a job site where the machine works for severe operations, or for continuous operations that last 8 or more hours.
Grease the machine once for every 10 hours until the initial 100 hours are reached.

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