TEN00617-07

Operation & Maintenance Manual

WHEEL LOADER **WA270-7**

SERIAL NUMBERS 80001 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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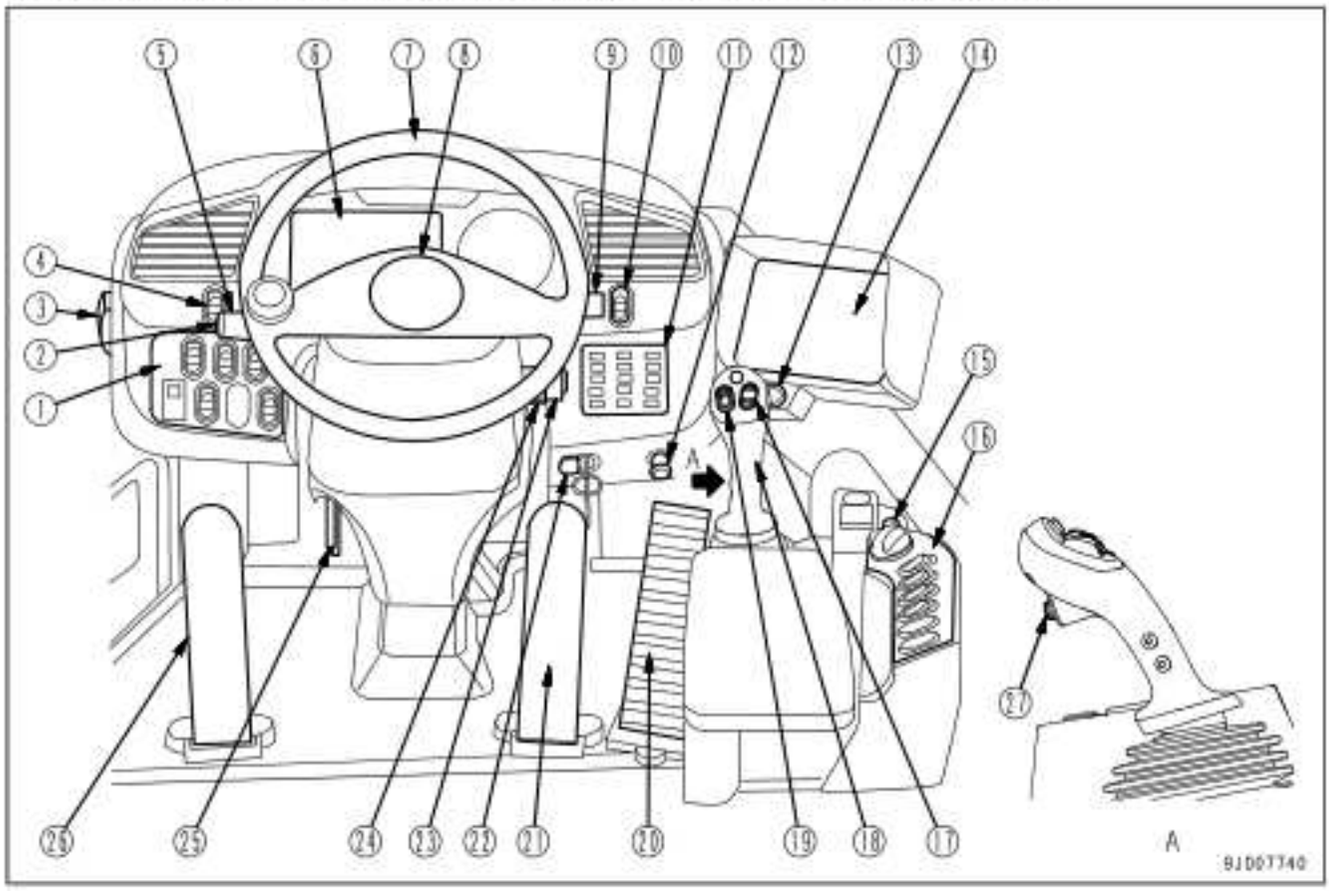
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GENERAL VIEW OF CONTROLS AND GAUGES (WA270-K190-04D-K-00-A)



(1) Front switch panel
(2) Directional lever
(3) Engine shutdown secondary switch
(4) Hazard lamp switch
(5) Speed range selector switch
(6) Machine monitor
(7) Steering wheel
(8) Horn switch
(9) Lamp switch
(9) Turn signal lever
(9) Dimmer switch
(10) Parking brake switch
(11) Monitor switches
(12) Cigarette lighter
(13) Brightness adjustment switch of rear view monitor
(14) Rear view monitor
(15) Work equipment lock switch
(16) R.H. switch panel
(17) Directional selector switch
(18) Multi-function mono-lever
(19) PCS (Proportional Control Switch) (if equipped)
(20) Accelerator pedal
(21) R.H. brake pedal
(22) Starting switch
(23) Front wiper switch
(24) Rear wiper switch
(25) Steering tilt lock lever
(26) L.H. brake pedal
(27) Max. traction switch

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ADJUSTMENT (ALL-K000-001-K-01-A)

SEAT ADJUSTMENT (WA380-K2Q0-270-K-00-A)

⚠ WARNING

- **Place the machine in a safe place when adjusting the position of the operator's seat. Be sure to apply the work equipment lock (the pilot lamp in the switch lights up) to prevent accidental movement of work equipment due to accidental contact with the control levers.**
- **Always adjust the operator's seat before starting each operation or when operators change shift.**
- **When adjusting the seat, put your back against the backrest and adjust to a position where the brake pedal can be fully depressed.**

Adjustments (C) and (D) use the air compressor built in the seat, so turn the engine starting switch to ON position when performing the adjustments.

NOTICE

Do not operate lever (3) for 1 minute or more continuously, if you do so, the air compressor may be failed.

(A) Fore-and-aft adjustment

Pull lever (1) up, set the seat to the desired position, then release the lever.

Fore-and-aft adjustment: 210 mm (8.3 in) (10 mm (0.4 in) x 21 stages)

(B) Adjusting seat angle

Pull lever (2) up and move the front side of the seat cushion up and down to the desired position, then release the lever.

Amount of adjustment Forward tilt: 3 deg.

Backward tilt: 5 deg.

(C) Automatic seat adjustment for operator's weight

The suspension should be adjusted according to the operator's weight to protect the operator. At the initial adjustment or after a change of the operator, perform the automatic weight adjustment operation of the seat.

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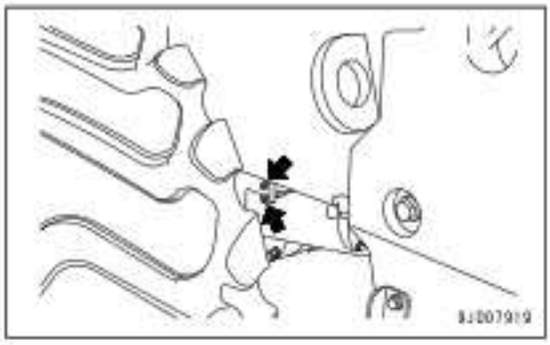
EVERY 100 HOURS MAINTENANCE (ALL-33A0-015-A-00-A)

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

LUBRICATE REAR AXLE PIVOT PIN (WA270-DAC0-242-K-00-A)

(2 places)

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



CHECK OIL LEVEL IN HYDRAULIC TANK, ADD OIL (WA320-PM30-212-K-00-A)

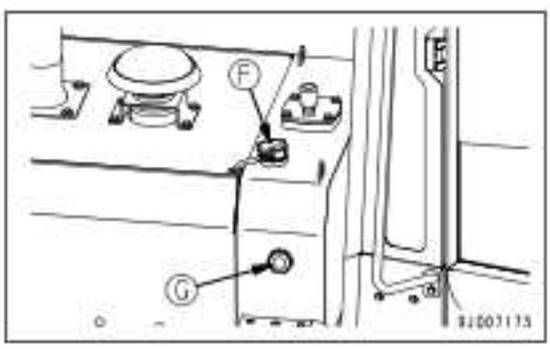
⚠ WARNING

- **The parts and oil are at high temperature immediately after the engine is stopped, and may cause burn. Wait for the temperature to go down before starting the work.**
- **When removing the oil filler cap, the oil may spout out. Turn it slowly to release the internal pressure, then remove it.**

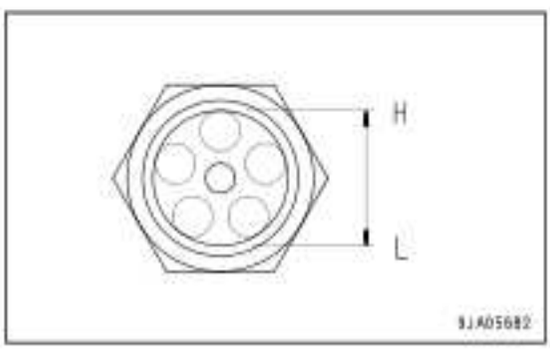
1. Place the bucket on the ground and stop the engine. Wait for 5 minutes before checking oil level. Oil level should be between the H and L marks on sight gauge (G).

NOTICE

If the oil is added to above the H mark, stop the engine and wait for the hydraulic oil to cool down. Then drain excessive oil through the drain plug. It may damage the oil circuit and cause the oil to spurt out.



2. If the oil level is below the L line, add oil through oil filler (F) at the top of the hydraulic tank.



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