VEAM950200

Operation & Maintenance Manual

WA75-3

WHEEL LOADER

SERIAL NUMBER

HA950051 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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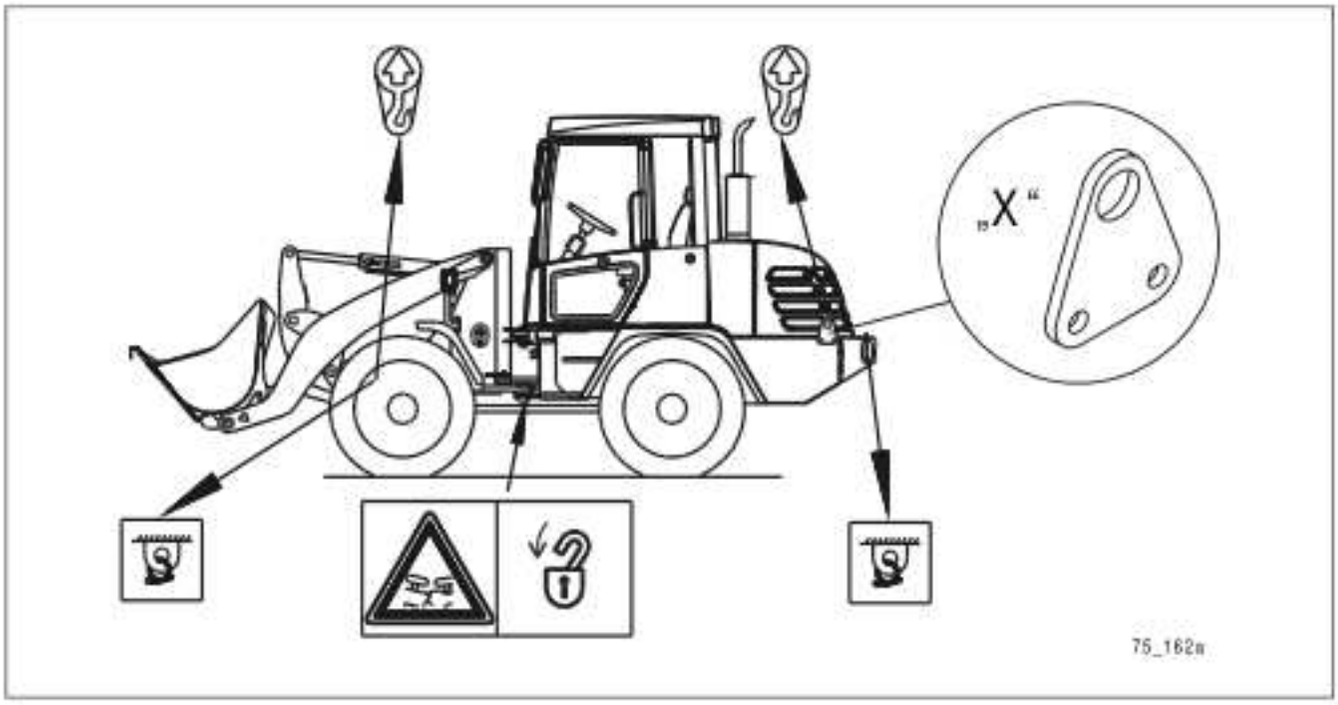
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Information signs attached to the machine indicate the attachment points. To avoid damage to the machine, attach the eye hooks only to the attachment points.

Machine equipment „X“:

- 2 Brackets, P/N. 42U-98-12A10
- 4 Screws M16 X 40, Strength class 10.9, P/N. 01016-51640

Screws mounted in the rear frame, inside.

Tightening torque: 280 Nm

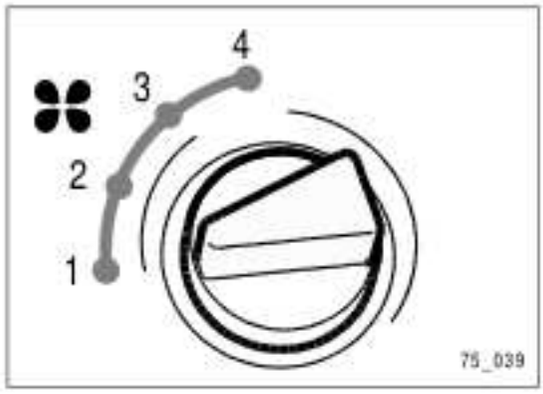
When selecting the lifting equipment, take the operating weight of the machine into account. Insufficient carrying capacities of the lifting equipment may cause severe accidents. Also use carrying wire ropes with appropriate carrying capacities for the operating weight of the machine. Carrying wire ropes with insufficient carrying capacities may tear when the machine is lifted up and cause severe accidents. The operating weight of the machine depends on the attached bucket. You find the operating weights of the machine in the chapter "33. Technical Data".

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9 - FAN ROTARY SWITCH FOR VENTILATION AND HEATING

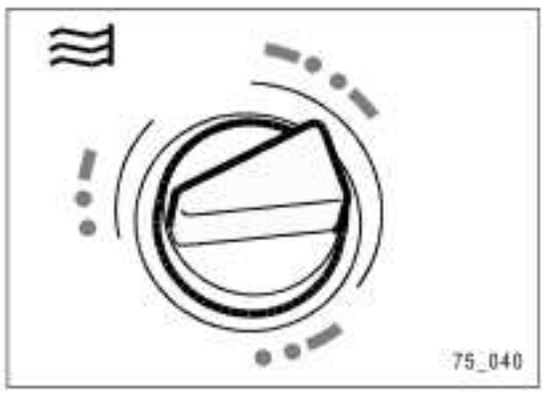
This rotary switch permits to regulate the fan step by step.

Switch setting 1: Fan off
Switch setting 2: Low air flow
Switch setting 3: Medium air flow
Switch setting 4: High air flow



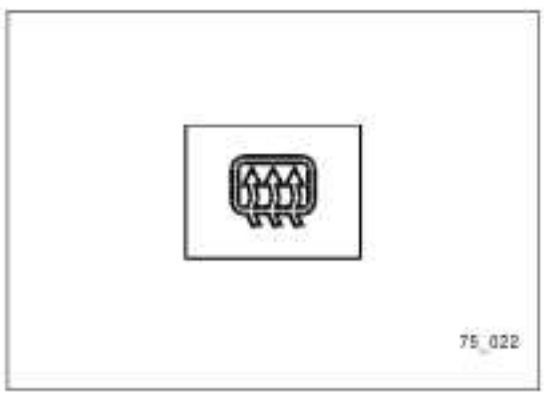
10 - TEMPERATURE ROTARY SWITCH

The temperature rotary switch permits to adjust continuously the capacity of the heating system from 'cold' (heating OFF) to 'warm'.



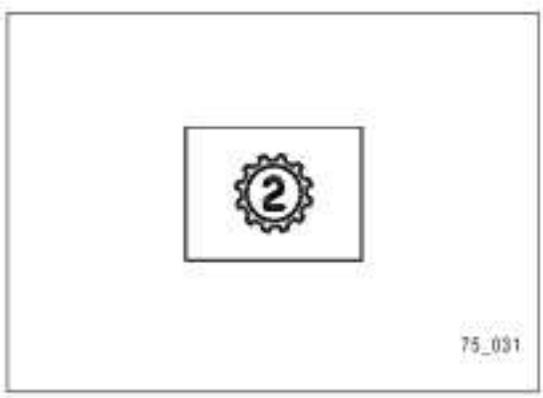
11 - HEATED REAR WINDSCREEN SWITCH

This rotary switch is used to switch on/off the heated rear windscreen.



12 - SWITCH FOR DRIVING RANGE UP TO 12.43 mph (20 km/h)

This switch is used to change between the machine's two speed ranges. If you operate the switch, the machine will drive in speed range 2 (up to 12.43 mph (20 km/h)). If the switch is set to OFF, the machine drives in speed range 1 (up to 4.66 mph (7,5 km/h)).



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32. MAINTENANCE EVERY 2000 OPERATING HOURS

All maintenance operations to be performed after 10, 50, 100, 250, 500 and 1000 hours of operation also fall into this maintenance category.

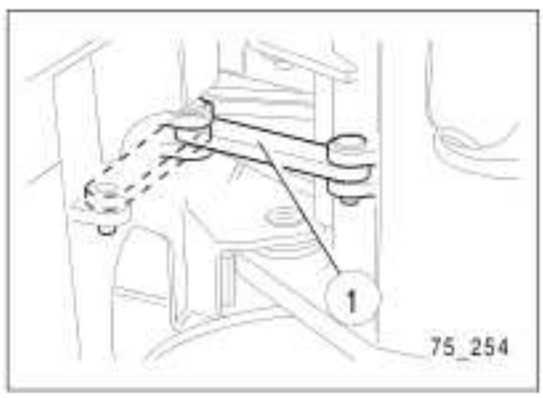
32.1 HYDRAULIC SYSTEM, OIL CHANGE

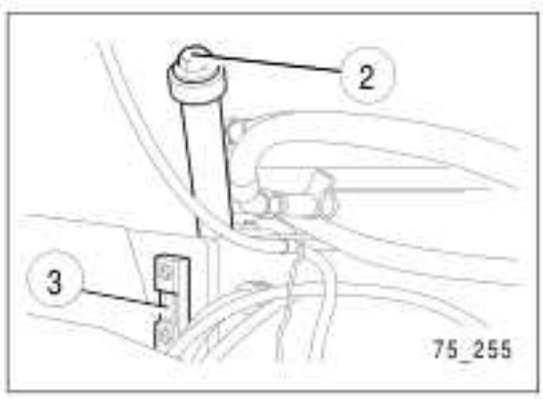
WARNING

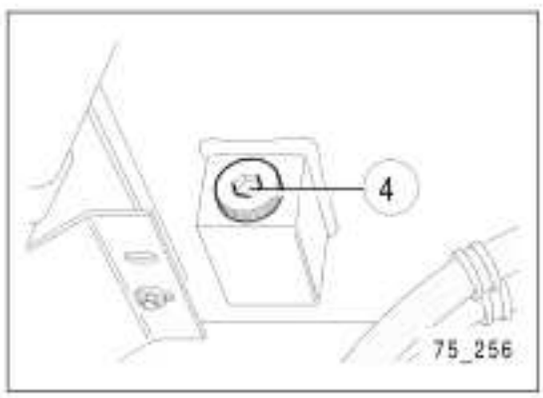
- **Frequent skin contact with used hydraulic oil may cause skin damages and other injuries!**
  Use rubber gloves for exchanging the filter. Wash any spilled hydraulic oil thoroughly from your skin.
- **Danger of being burnt! The hydraulics tank is under pressure. Hot hydraulic oil may squirt out and cause injuries!**
  Use rubber gloves and hold the oil trough under the discharge hole in such a way that you cannot come into contact with the extruding oil.

Keep a collecting container with sufficient capacity ready.

1 - Park the machine on level ground.
2 - Lower the work unit onto the ground.
3 - Switch off the engine.
4 - Secure the articulated steering with the articulated steering lock (1).
5 - Unlock the feeding and ventilation screw (2) by turning it slowly to let the pressure escape.
6 - Loosen the screw plug (4) of the hydraulic oil tank and let the oil run off.
7 - Re-tighten the screw plug with its seal being in perfect condition.
8 - Unscrew the feeding and ventilation screw.
9 - Fill up oil until the oil level is between the center and top edge of the inspection glass (3).
10 - Start up the engine.
11 - Raise and lower the work equipment several times, while operating the bucket at the same time.
12 - Lower the bucket onto the ground and bring it into mining position.
13 - Check the oil level with the engine running idle in its low speed position.
14 - Ventilate the hydraulic oil tank (see section "32.2 Bleeding the Hydraulic Oil Tank").







NOTE

- **Do not fill up with too much hydraulic oil! Otherwise, the pressure in the hydraulic oil container increases to very dangerous levels.**

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