TEN00752-03

Operation & Maintenance Manual

DUMP TRUCK

HD465-8
HD605-8

SERIAL NUMBERS HD465-30001 and up
HD605-30001

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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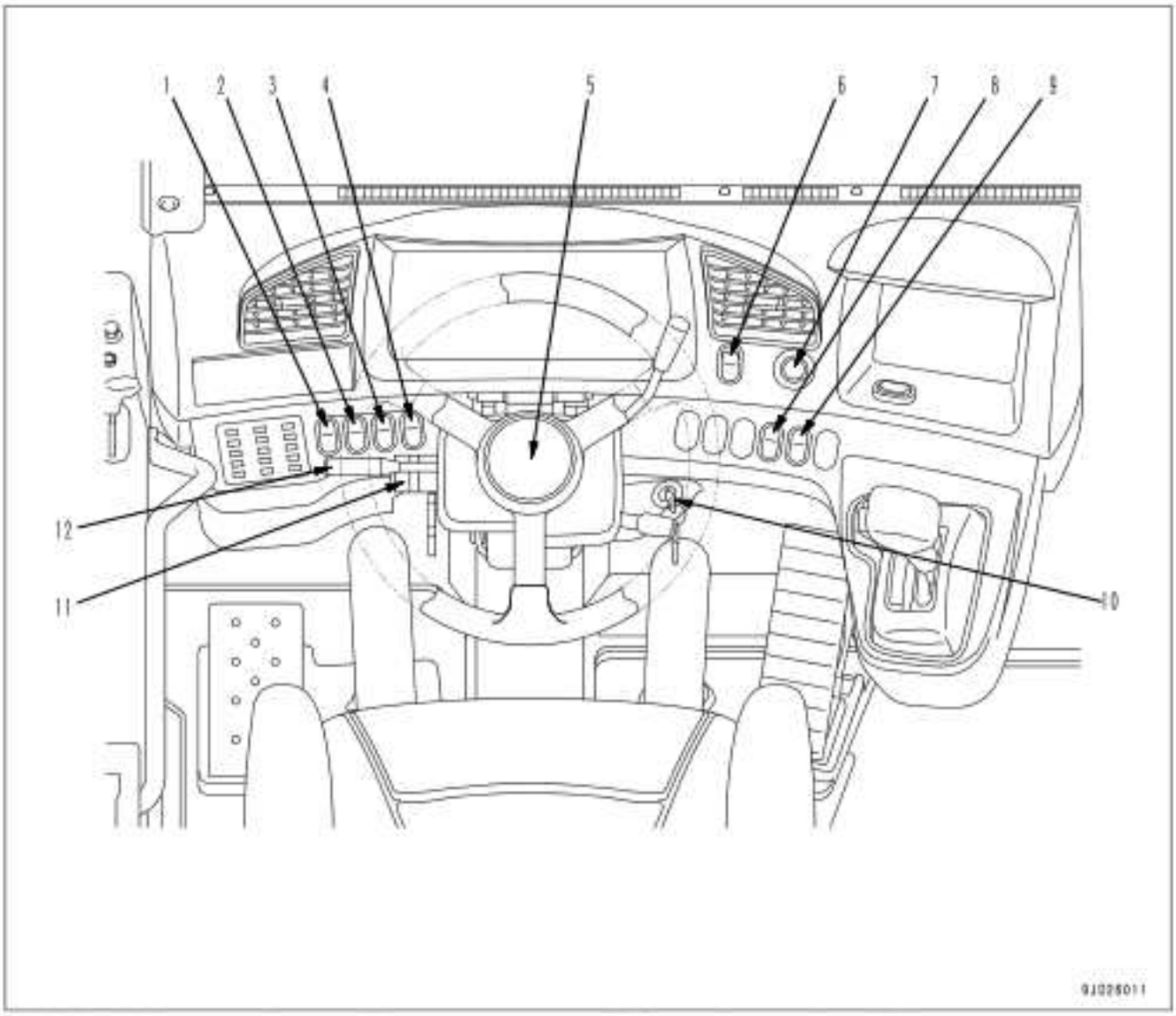
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SWITCHES



(1) Monitor brightness selector switch
(2) Side lamp switch (if equipped)
(3) Staircase lighting switch (if equipped)
(4) Fog lamp switch (if equipped)
(5) Horn button
(6) Hazard lamp switch
(7) Secondary steering switch
(8) Front brake off switch
(9) AISS LOW switch
(10) Starting switch
(11) Wiper and window washer switch
(12) Lamp switch, dimmer switch, turn signal lever

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PRECAUTIONS FOR LONG DISTANCE TRAVEL

If the machine travels continuously at high speed for a long distance, there will be a remarkable increase in the generation of heat in the tire. This may cause premature damage to the tire, so observe the following.

- Drive the machine only under unloaded condition.
- Check the tire inflation pressure before starting for the day when the tires are cold, and adjust to the following inflation pressure.
- Do not reduce the tire inflation pressure when traveling.

HD465-8/HD605-8

Tire size	Tire inflation pressure kPa {kg/cm^2, PSI}
24.00R35★★	680 to 700 {6.9 to 7.1, 98.1 to 101}

NOTICE

If the tires are used when the tire inflation pressure is less than the value given in the table above, the rim may be damaged.
Maintain the tire inflation pressure within0 to +30 kPa {0 to +0.3 kg/cm^2, 0 to +4.27 PSI}.

- The maximum travel speed must be kept to 40 km/h or lower {24.8 MPH or lower}. Stop for at least 1 hour for every 1 hour of travel to allow the tires and other components to cool down.
- Never drive the machine with "water" or "dry ballast" in the tires.

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MAINTENANCE PROCEDURE

INITIAL 250 HOURS MAINTENANCE (ONLY AFTER THE FIRST 250 HOURS)

Perform the following maintenance after the first 250 hours only for the new machine.

- Replacing element in the transmission oil filter
- Changing oil in transmission case and brake sub-tank
- Replacing transmission and rear brake cooling oil filter element
- Replacing brake oil filter element
- Changing oil in final drive case
- Changing oil in differential case

For details of the method of replacement or maintenance. See EVERY 500 HOURS MAINTENANCE, EVERY 1000 HOURS MAINTENANCE, and EVERY 2000 HOURS MAINTENANCE.

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