Operation & Maintenance Manual

SEAM000819T

HD325-6
HD405-6

DUMP TRUCK

SERIAL NUMBERS HD325-6188 and up
HD405-2087

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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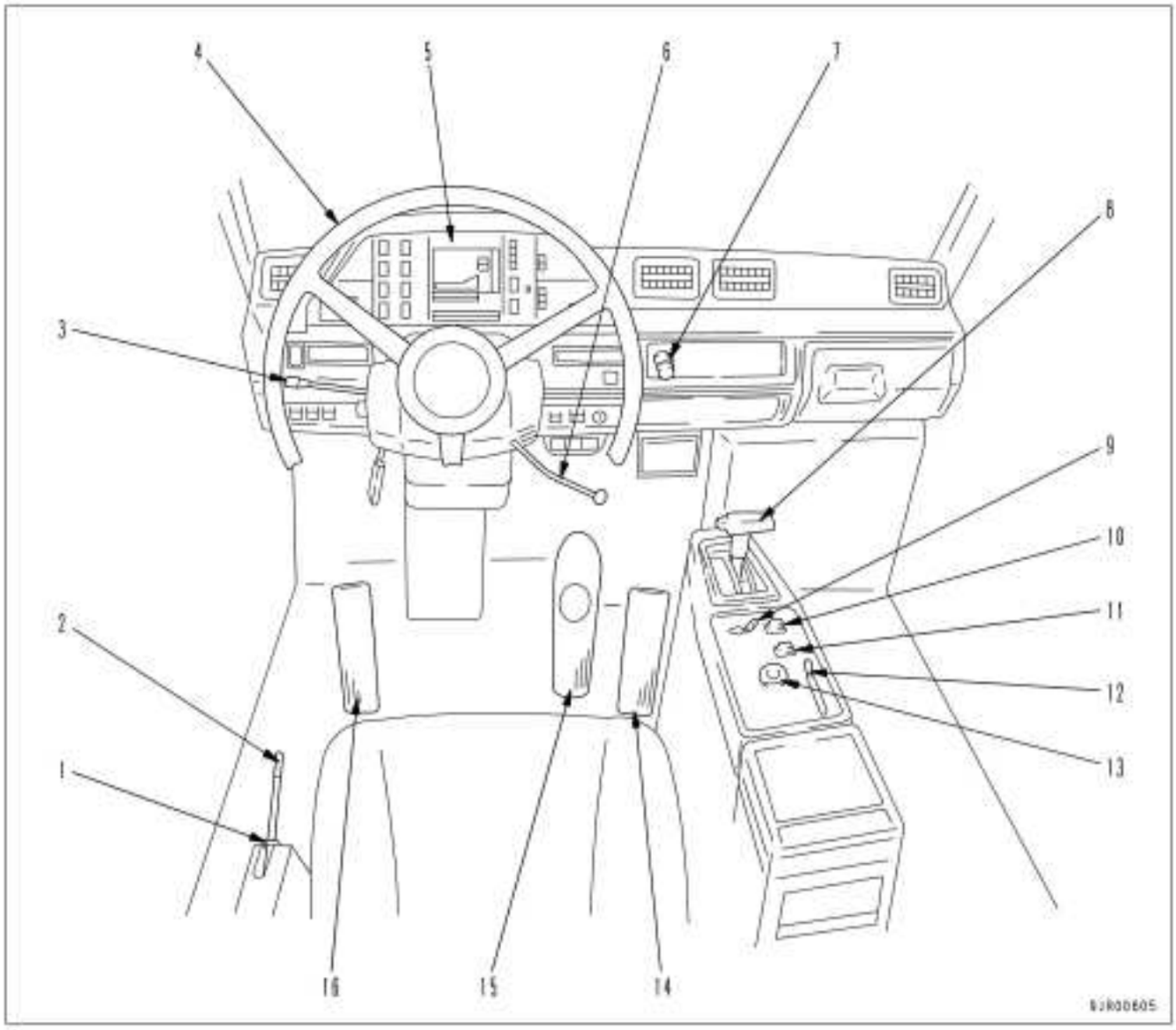
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GENERAL VIEW OF CONTROLS AND GAUGES



(1) Safety lock
(2) Dump lever
(3) Lamp switch, Turn signal lever, Dimmer switch
(4) Steering wheel
(5) Machine monitor
(6) Retarder control lever
(7) Cigarette lighter
(8) Shift lever
(9) Parking brake valve lever
(10) Shift limiter switch
(11) Power mode selector switch
(11) 4WD switch
(HD325 only the machine of 4WD specifications)
(12) Emergency brake lever
(13) Emergency steering switch
(14) Accelerator pedal
(15) Brake pedal
(16) Differential lock pedal (if equipped)

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WEAR PARTS

Wear parts such as the filter element, air cleaner element, etc. are to be replaced at the time of periodic maintenance or before their abrasion limits.
The wear parts should be changed correctly in order to use the machine economically.
For part change, Komatsu genuine parts of excellent quality should be used.
When ordering parts, please check the part number in the parts book.

WEAR PARTS LIST

The parts in parentheses are to be replaced at the same time.

- HD325, HD405

Item	Part No.	Part Name	Q'ty	Replacement frequency
Engine oil filter	600-211-1340	Cartridge	1	EVERY 500 HOURS
Fuel filter	600-311-3510	Cartridge	1	*
Additional fuel filter (if equipped)	600-311-7111	Cartridge	2	EVERY 500 HOURS
Transmission oil filter (Valve inlet side)	424-16-11140 (424-16-11130) (424-16-11630)	Element (O-ring) (O-ring)	1 (1) (2)	EVERY 500 HOURS
Transmission oil filter (Return side)	07063-01210 (07000-F5175)	Element (O-ring)	1 (1)	
Hydraulic filter	07063-01142 (07000-F5175)	Element (O-ring)	1 (1)	EVERY 1000 HOURS
Corrosion resistor	600-411-1171	Cartridge	1	EVERY 1000 HOURS
Air cleaner	600-185-6100	Element Ass'y	2	-
	600-185-6110	Outer element	2	-
Payload meter paper (if equipped)	7818-27-2910	Paper	1	-
Payload meter inner battery (if equipped)	7818-27-2860	Battery	1	-

- HD325 The machine of 4WD specifications

Item	Part No.	Part Name	Q'ty	Replacement frequency
Engine oil filter	600-211-1340	Cartridge	1	EVERY 500 HOURS
Fuel filter	600-311-3510	Cartridge	1	*
Additional fuel filter (if equipped)	600-311-7111	Cartridge	2	EVERY 500 HOURS
Transmission oil filter (Valve inlet side)	424-16-11140 (424-16-11130) (424-16-11630)	Element (O-ring) (O-ring)	1 (1) (2)	EVERY 500 HOURS
Transmission oil filter (Return side)	07063-01210 (07000-F5175)	Element (O-ring)	1 (1)	
Front drive oil filter	363-18-31470 (07000-22060)	Element (O-ring)	2 (2)	EVERY 500 HOURS
Hydraulic filter	07063-01142 (07000-F5175)	Element (O-ring)	1 (1)	EVERY 1000 HOURS
Corrosion resistor	600-411-1171	Cartridge	1	EVERY 1000 HOURS
Air cleaner	600-185-6100	Element Ass'y	2	-
	600-185-6110	Outer element	2	-
Payload meter (if equipped)	7818-27-2910	Paper	1	-
Payload meter inner battery (if equipped)	7818-27-2860	Battery	1	-

(*): For machines equipped with an additional fuel filter cartridge, replace the fuel filter cartridge every 1000 hours.
For machines not equipped with an additional fuel filter cartridge, replace the fuel filter cartridge every 500 hours.

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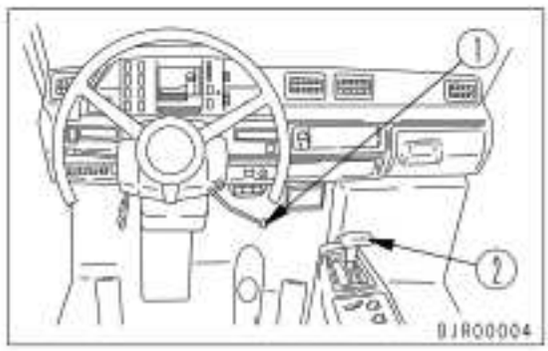
CHECK BRAKING CAPACITY OF RETARDER BRAKE

WARNING

If the machine moves, it will lead to serious injury or death. If machine begins to move during the inspection of braking capacity, lower the engine speed immediately, set gear shift lever at N position, and then depress the foot brake.

Check the braking capacity of the retarder brake as follows.

1. Set the air pressure to the maximum with the machine on flat ground, and pull retarder lever (1) fully.
2. Set shift lever (2) to the D position, gradually raise the engine speed. If the machine does not move even when the engine speed reaches 1200 rpm, it is normal.
3. Lower the engine speed, set gear shift lever at N position. If any abnormality is found, ask your Komatsu distributor for repair.



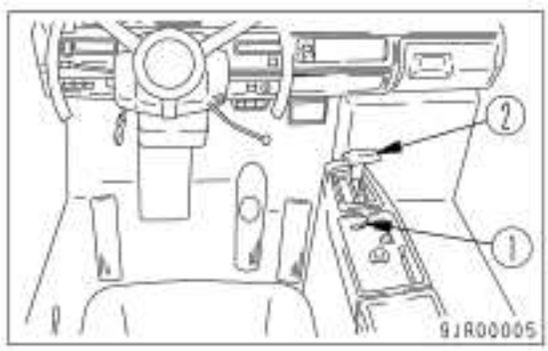
CHECK BRAKING CAPACITY OF PARKING BRAKE

WARNING

If the machine moves, it will lead to serious injury or death. If machine begins to move during the inspection of braking capacity, lower the engine speed immediately, set gear shift lever at N position, and then depress the foot brake.

Check the braking capacity of the parking brake as follows.

1. Set the air pressure to the maximum with the machine on flat ground, and set parking brake lever (1) to the PARKING position.
2. Set shift lever (2) to the D position, gradually raise the engine speed. If the machine does not move even when the engine speed reaches 1200 rpm, it is normal.
3. Lower the engine speed, set gear shift lever at N position. If any abnormality is found, ask your Komatsu distributor for repair.

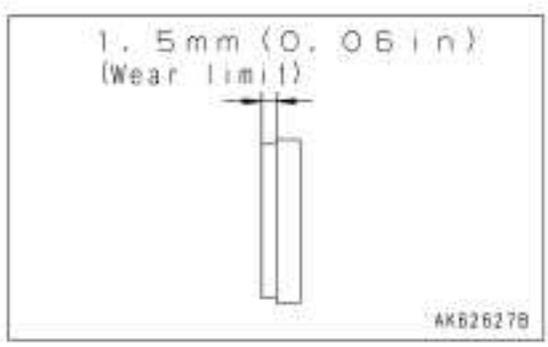


CHECK WEAR OF PARKING BRAKE PADS

WARNING

Never put any oil or grease on the surface of the pad or disc.

Measure the thickness of the pad, and if it is less than 1.5 mm (0.06 in), contact your Komatsu distributor.



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