TEN00443-07

Operation & Maintenance Manual

ARTICULATED
DUMP TRUCK

HM350-2

SERIAL NUMBERS 2224 and up

ecot3

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.

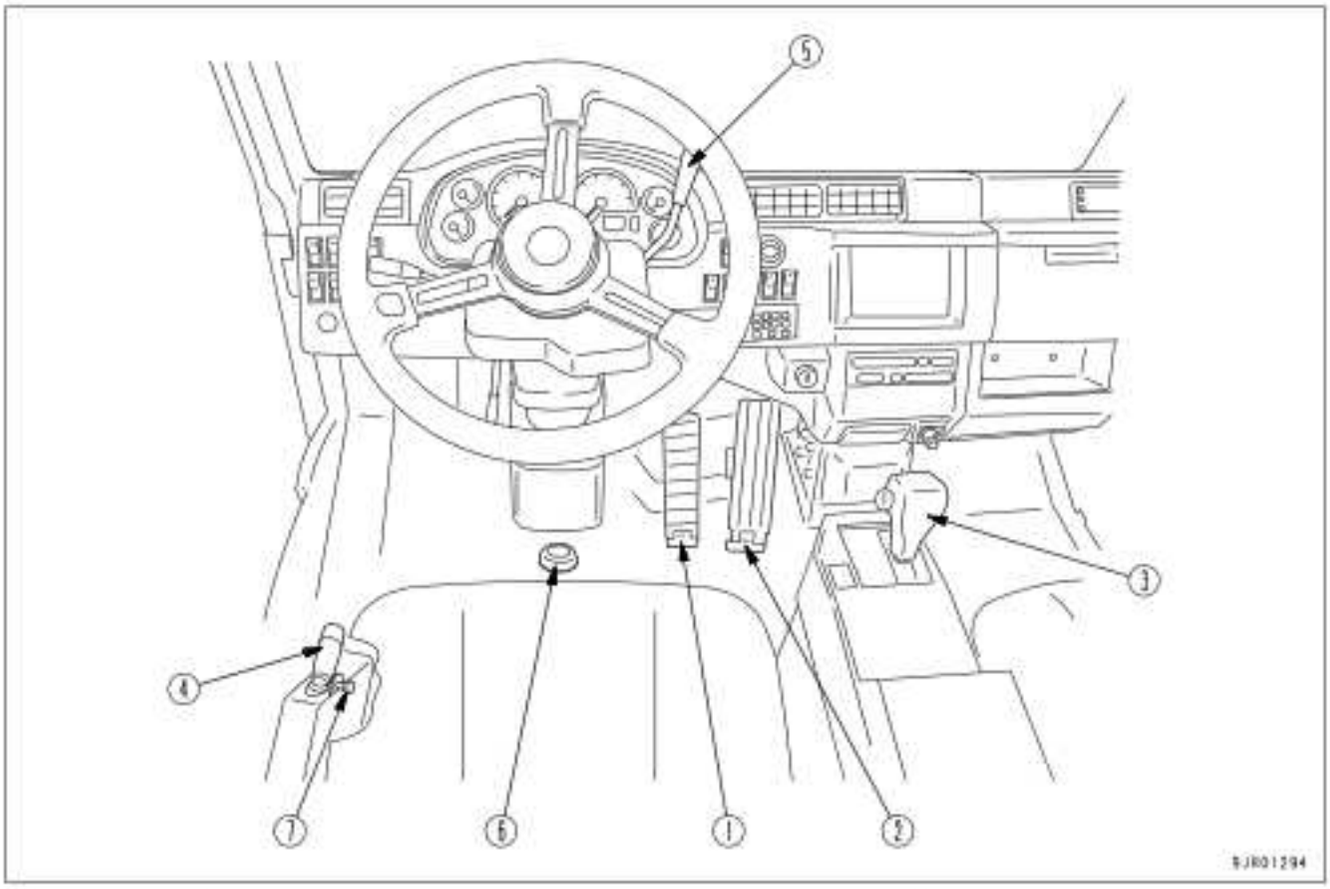
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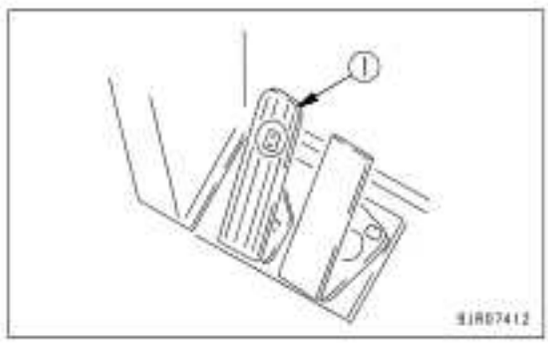
CONTROL LEVERS AND PEDALS



(1) Brake pedal
(2) Accelerator pedal
(3) Gear shift lever
(4) Dump lever
(5) Retarder control lever
(6) Left and right differential lock pedal
(7) Dump lever lock knob

BRAKE PEDAL

This pedal (1) is used to apply the wheel brakes.



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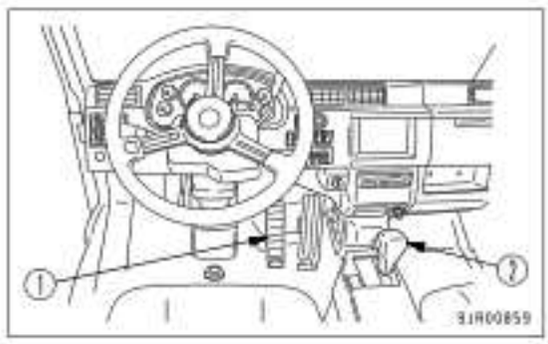
CHECK BRAKING CAPACITY OF FOOT BRAKE

⚠ WARNING

If the machine moves, it will lead to serious injury. If machine begins to move during the inspection of braking capacity, lower the engine speed immediately, set gear shift lever at N (neutral) position, and then set parking brake switch at PARKING position.

Check the braking capacity of the foot brake as follows.

1. Stop the machine on flat ground and depress service brake (1).
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 1300 rpm, it is normal.
3. Lower the engine speed, set shifting lever at N (neutral) position, and then set parking brake at PARKING position.
   If any abnormality is found, ask your Komatsu distributor for repair.



NOTICE

There is danger of damage inside the transmission, so always do this with the gear shift lever at "D" position. Do not use any other position.

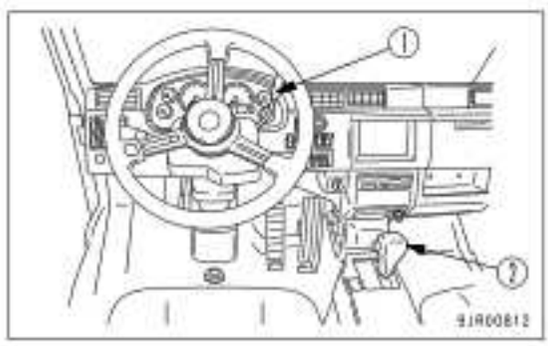
CHECK BRAKING CAPACITY OF RETARDER BRAKE

⚠ WARNING

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

Check the braking capacity of the retarder brake as follows.

1. Stop the machine on flat ground and pull retarder control 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 1300 rpm, it is normal.
3. Lower the engine speed, set gear shift lever at N position. If any problem is found, ask your Komatsu distributor for repair.



NOTICE

There is danger of damage inside the transmission, so always do this with the gear shift lever at "D" position. Do not use any other position.

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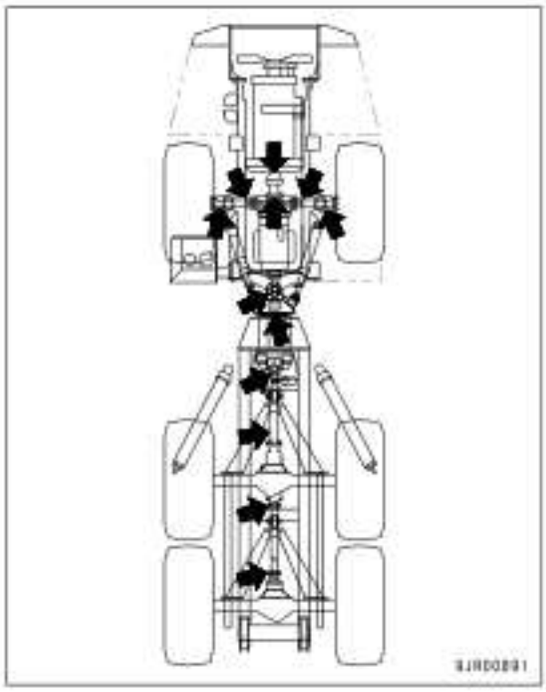
EVERY 6000 HOURS SERVICE

Maintenance for every 50, 250, 500, 1000 and 2000 hours service should be carried out at the same time.

LUBRICATE DRIVE SHAFT

When greasing, use lithium grease (G2-LI), and perform the greasing every 6000 hours or every 2 years.

1. By using a grease pump, pump in grease through the grease fittings marked by the arrows.
2. Grease the spider portion until grease comes out from the cap seal.
3. After greasing, wipe off any old grease that was pushed out.



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