TEN00229-06

# Operation & Maintenance Manual

ARTICULATED
DUMP TRUCK

## HM350-2

SERIAL NUMBERS 2164 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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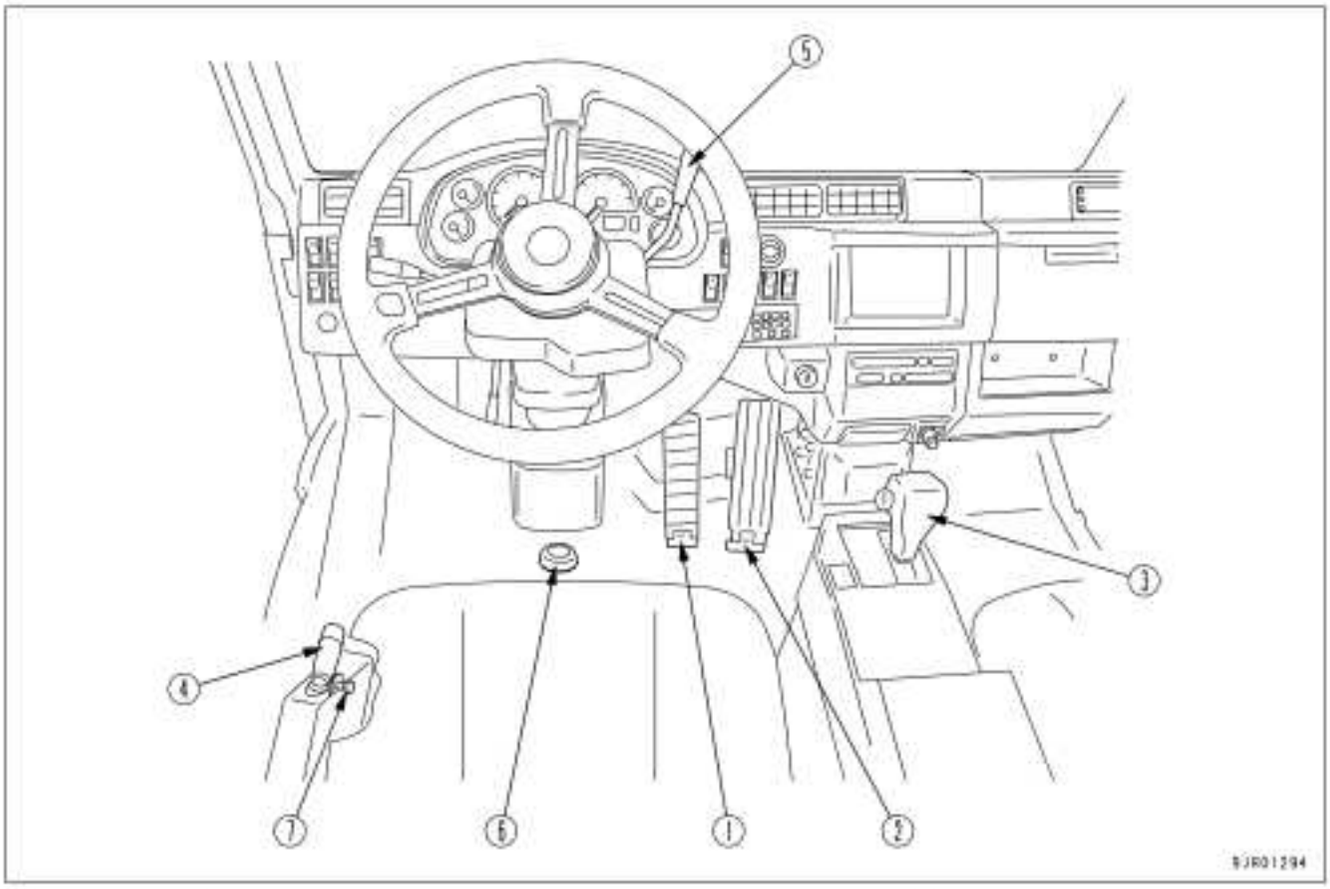
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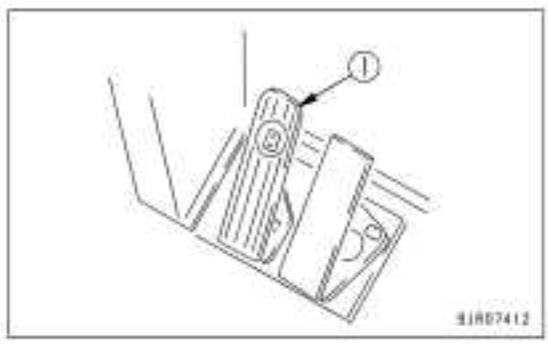
## CONTROL LEVERS AND PEDALS




(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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**EVERY 4000 HOURS SERVICE**

Change oil in hydraulic tank ---- 4- 85
Lubricate fan pulley ---- 4- 85
Check alternator, starting motor ---- 4- 86
Check water pump ---- 4- 86
Check air compressor ---- 4- 86
Check fan pulley and tension pulley ---- 4- 86
Checking for looseness of high-pressure clamp, hardening of rubber ---- 4- 86
Checking for missing fuel spray prevention cap, hardening of rubber ---- 4- 87
Check exhaust pipe fire prevention cover ---- 4- 87

**EVERY 6000 HOURS SERVICE**

Lubricate drive shaft (*) ---- 4- 88

*: If special drive shaft grease is used, carry out greasing every 6000 hours or every two years. When the normal lithium-based grease is used, it is necessary to carry out greasing every 250 hours.

**EVERY 8000 HOURS SERVICE**

Replace high-pressure piping clamp ---- 4- 89
Replace fuel spray prevention cap ---- 4- 89
Overhaul starting motor and alternator ---- 4- 89



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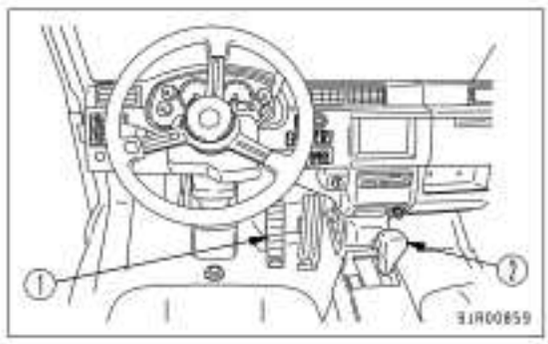
## CHECK BRAKING CAPACITY OF FOOT BRAKE

**⚠ 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 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 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 the "D" position. Do not use any other position.**

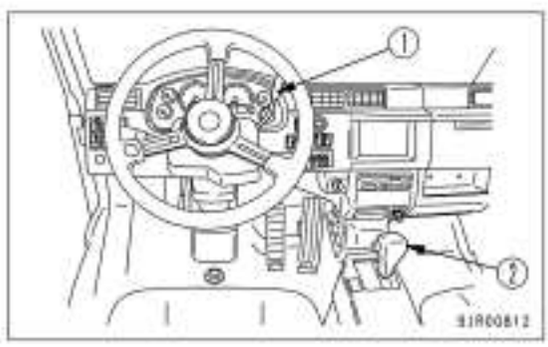
## CHECK BRAKING CAPACITY OF RETARDER BRAKE

**⚠ 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 the "D" position. Do not use any other position.**



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