CEAM017604

Operation & Maintenance Manual

HM400-2

DUMP TRUCK

SERIAL NUMBERS HM400-2 A11001 and up

ENGINE 6D125E-5

March 2016

KOMATSU®

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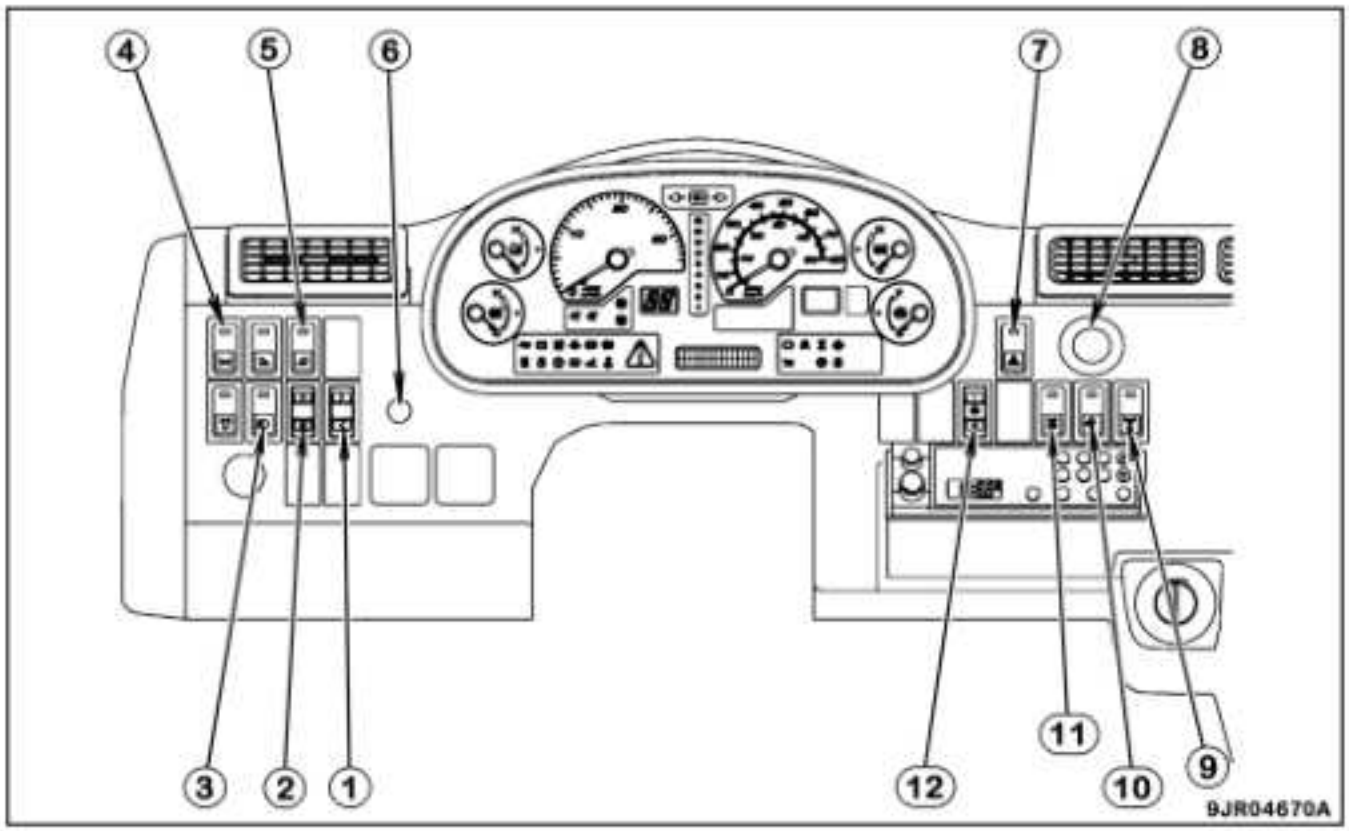
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Machine Monitor



1. Machine monitor mode selector switch 2
2. Machine monitor mode selector switch 1
3. Fog lamp switch (if equipped)
4. Side lamp switch (if equipped)
5. Working lamp (front) switch
6. Night lighting dimmer switch
7. Hazard lamp switch
8. Emergency steering switch
9. Power mode selector switch
10. AISS LOW switch
11. Inter-axle differential lock switch
12. Left and right differential lock switch

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Initial 250 Hours Service (Only After the First 250 Hours)

Perform the following maintenance only after the first 250 hours.

- Change oil in engine oil pan, replace engine oil filter cartridge
- Replace fuel prefilter cartridge
- Replace fuel main filter cartridge
- Replace transmission filter element (valve side, brake cooling side)
- Change oil in transmission case
- Change oil in brake oil tank, replace brake oil filter element
- Change oil in final drive case
- Change oil in differential case
- Replace hydraulic filter element
- Change oil in hydraulic tank

For details for method of replacing or maintaining, see EVERY 500 HOURS, EVERY 1000 HOURS, EVERY 2000 HOURS SERVICE, and EVERY 4000 HOURS SERVICE.

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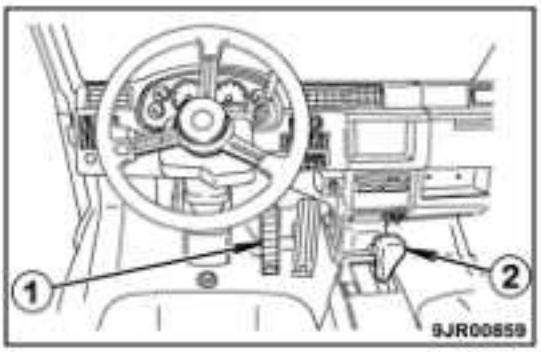
Check Braking Capacity of Foot Brake

⚠ WARNING

If the machine moves, it will lead to serious injury. If machine begins to move during the inspection of braking capacity, immediately lower the engine speed, set shift lever at N position, 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 1440 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.



Remark

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

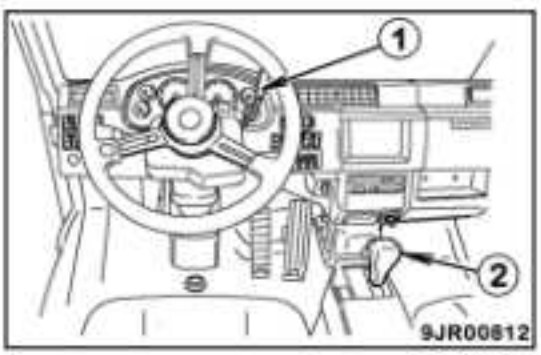
Check Braking Capacity of Retarder Brake

⚠ WARNING

If the machine moves, it will lead to serious injury or death. If machine begins to move during the inspection of braking capacity, immediately lower the engine speed, set shift lever at N position, 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 1440 rpm, it is normal.
3. Lower the engine speed, set shift lever at N position. If any abnormality is found, ask your Komatsu distributor for repair.



Remark

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

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