SEAMW00500

Operation & Maintenance Manual

KOMATSU®

HD325-6

DUMP TRUCK

WITH TRANSMISSION CONTROL SYSTEM (FAIL TO RANGE)

SERIAL NUMBERS **HD325-6 -5680** and up

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11.11.2 METHOD OF OPERATION

Condition of use \ Switch		Fan switch	Air conditioner switch	Temperature control switch	External/internal air changeover switch	Vent mode selector switch
Cooling	Rapid	HI	ON	All green	RECIRC	FACE
	Normal	HI-LO	ON	More than half are green	FRESH	FACE
Dehumidifying, heating		HI-LO	ON	More than half are red	FRESH	FOOT
Heating	Rapid	HI	OFF	All red	RECIRC	FOOT
	Normal	HI-LO	OFF	More than half are red	FRESH	FOOT
Defroster		HI	ON	More than half are red	FRESH	DEF
Ventilation or pressurizing		HI-LO	OFF	All green	FRESH	FACE

When carrying out the defrosting, if the temperature control switch is set so that all lamps are red, this will improve the performance for defrosting and demisting.

Set the vent mode selector switch to the intermediate position to give the desired condition.

With the FACE vents, it is possible to adjust the direction of the air flow and to turn it on or off.
However, do not set to the FACE mode with the vents closed.

WHEN NOT USING THE AIR CONDITIONER REGURARLY

To lubricate each part of the compressor, occasionally operate cooling, dehumidifying and heating for a few minutes.

REMARK

When temperature in the cab is low, the air conditioner may not operate. In such cases, warm the air inside the cab by recirculating, and then turn on the air conditioner.

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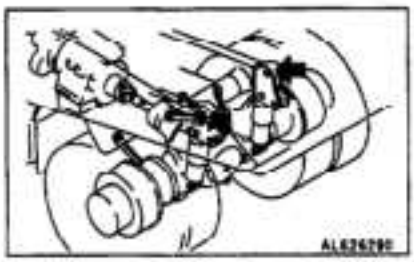
24.4 EVERY 50 HOURS SERVICE

24.4.1 LUBRICATION

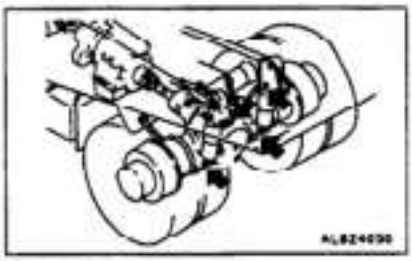
1. Stop the engine.
2. Use the grease pump to pump in grease through the grease fitting marked by the arrow.
3. After greasing, wipe off all the old grease that is pushed out.

Carry out the greasing operation every day when operating in places where the grease flows out easily, such as when traveling through mud or water.

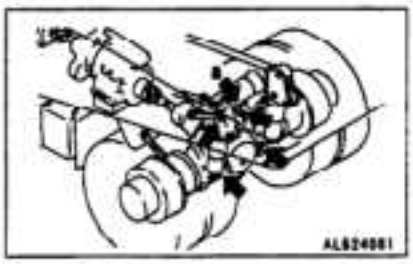
1. Dump body hinge pin (left and right: 1 point each)



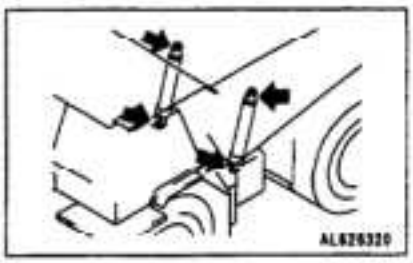
2. Rear suspension (left and right: 2 points each)



3. Rear axle support (left and right: 4 points each)
   Portion a is for centralized greasing (4 points)



4. Hoist cylinder pin (left and right: 2 points each)



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26.2.1 PREDICTION DISPLAY

- The weight of the load changes in stages as each bucket is emptied into the dump body. The average weight of the load up to that point is calculated to predict what the weight of the load will be
  if one more bucket is loaded. The appropriate lamp flashes, so it is possible to adjust the weight of the next load when operating the loader.

The prediction display for the load level and the actual load display are shown at the same time.

Example:
1st bucket: 6.5 tons
2nd bucket: 8 tons (14.5 tons)
3rd bucket: 8 tons (22.5 tons)
4th bucket: 8 tons (30.5 tons)

If the load changes as above, the external display lamps will give the display in the table below.

No. of loads	External display lamp	Remarks
1st bucket		• The weight actually loaded is 6.5 tons, so no lamp lights up. • The predicted load is 13 tons (6.5 tons x 2), so the first green lamp flashes
2nd bucket		• The weight actually loaded is 14.5 tons (6.5 tons + 8 tons), so two green lamps light up. • The predicted load is 21.8 tons (14.5 tons + 14.5/2 tons), so no lamp flashes.
3rd bucket		• The weight actually loaded is 22.5 tons (14.5 tons + 8 tons), so two green lamps stay lighted up. • The predicted load is 30 tons (22.5 tons + 22.5/3 tons), so the 3rd lamp flashes.
4th bucket		• The weight actually loaded is 30.5 tons (22.5 tons + 8 tons), so three green lamps light up. • The predicted load is 38.1 tons (30.5 tons + 30.5/4 tons), so the red lamp flashes.

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