CEAM017704

Operation & Maintenance Manual

HM350-2

ARTICULATED DUMP TRUCK

SERIAL NUMBERS HM350-2 A11001 and up

ENGINE 6D140E-5

KOMATSU®

March 2016

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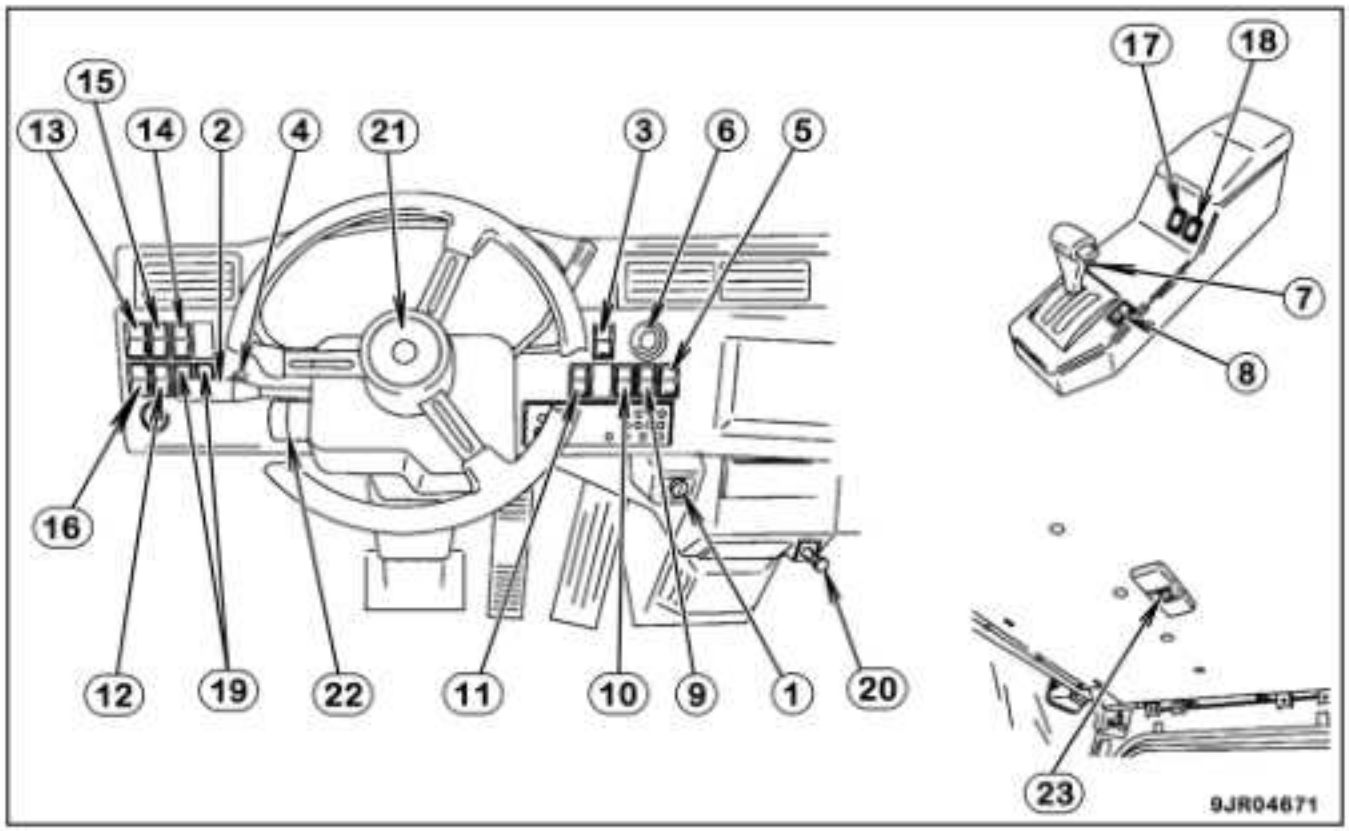
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Switches



1. Ignition switch
2. Lamp switch, Turn signal lever, Dimmer switch
3. Hazard lamp switch
4. Night lighting dimmer switch
5. Power mode selector switch
6. Emergency steering switch
7. Shift hold switch
8. Parking brake switch
9. AISS LOW switch
10. Inter-axle differential lock switch
11. Left and right differential lock switch
12. Fog lamp switch (if equipped)
13. Side lamp switch (if equipped)
14. Working lamp (front) switch
15. Rear glass defog switch
16. Yellow rotating lamp switch (if equipped)
17. Power window switch (right) (if equipped)
18. Power window switch (left)
19. Machine monitor mode selector switch 1, 2
20. Cigarette lighter
21. Horn button
22. Wiper, window washer switch
23. Room lamp switch

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Lubricate Drive Shaft

When using lithium-based grease, or after changing to lithium-based grease, perform greasing every 250 hours.

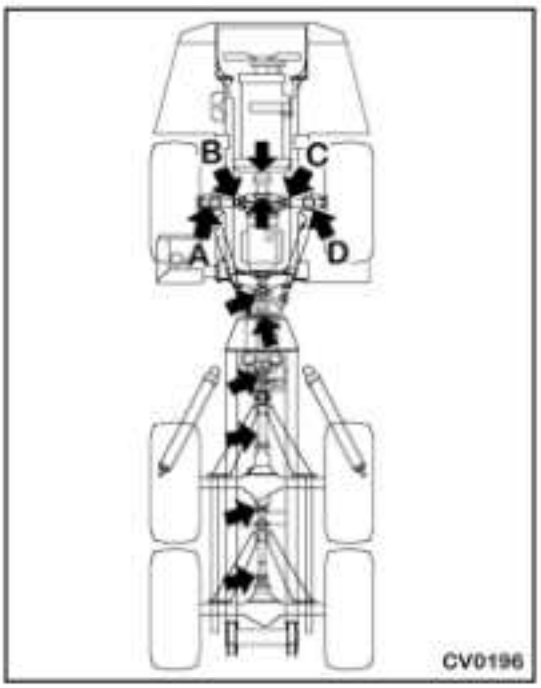
Special drive shaft grease is used when the machine is shipped from the factory, so it is unnecessary to grease the drive shafts for the first 6000 hours or 2 years.

Remark

- *If special drive shaft grease is used continuously, perform greasing every 6000 hours or every 2 years.*
- *If the machine is being operated at a sandy site where the front drive shafts get soil and sand, wash and grease the front drive shafts at points (A,B,C, and D) every 250 hours.*

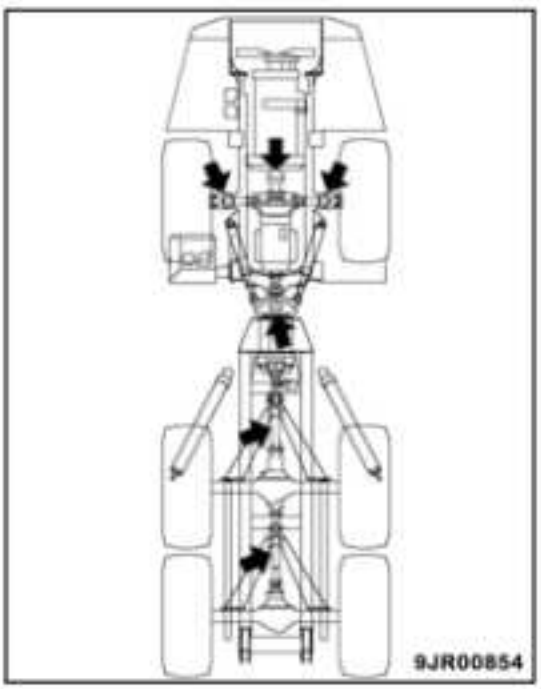
Special drive shaft grease: 56B-20-19910
Lithium type grease:. G2-L1

1. 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.



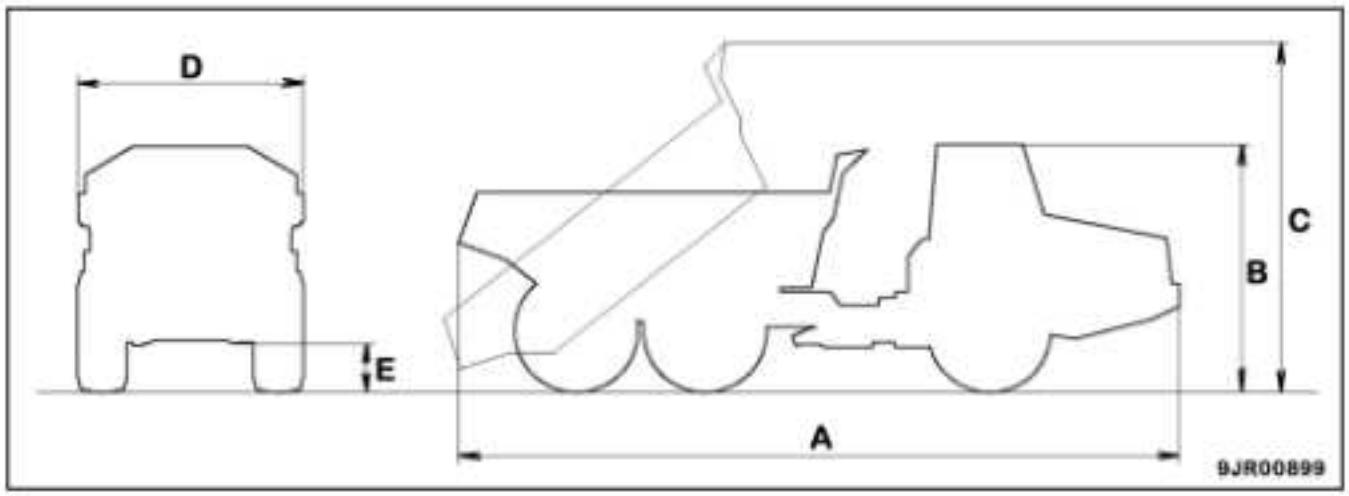
Check Drive Shaft

If there is any abnormality, such as looseness of drive shaft connection, play in the spline or bearing portion, or run out of the shaft, contact your Komatsu distributor for repair.



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SPECIFICATIONS



Item			Unit	HM350-2
Overall weight (unladen weight + max. payload + 1 operator (75kg (165 lb))			kg (lb)	63435 (139874)
Unladen weight				31060 (68487)
Max. payload				32300 (71222)
Dump body capacity	Struck		m^3 (cu.yd)	14.6 (19.1)
	Heaped (2 : 1)			19.8 (25.9)
Dumping speed (at 2000 rpm) (raised)			sec	12
Name of engine			---	Komatsu SAA6D140E-5 diesel engine
Flywheel horsepower			kW (HP)/rpm	293 (393)/2000
Max. torque			N•m (lbft)/ rpm	1991 (468.3)/1400
A - Overall length			mm (ft in)	11145 (36' 7")
B - Overall height				3700 (12' 2")
C - Overall height when dumping				7035 (23' 1")
D - Overall width				3250 (10' 8")
E - Min. ground clearance (bottom of rear axle)				585 (1' 11")
Min. turning radius				8400 (27' 7")
Travel speed	Forward	1st	km/h (mph)	7.0 (4.3)
		2nd		10.7 (6.6)
		3rd		16.5 (10.3)
		4th		25.4 (15.8)
		5th		38.6 (24.0)
		6th		57.1 (35.5)
	Reverse	1st		7.2 (4.5)
		2nd		17.0 (10.6)
Temperature range when using			°C (°F)	-20 to 40°C (-4 to 104°F)

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