TEN00702-00

Operation & Maintenance Manual

ARTICULATED
DUMP TRUCK

HM400-5

SERIAL NUMBERS 10155 and up

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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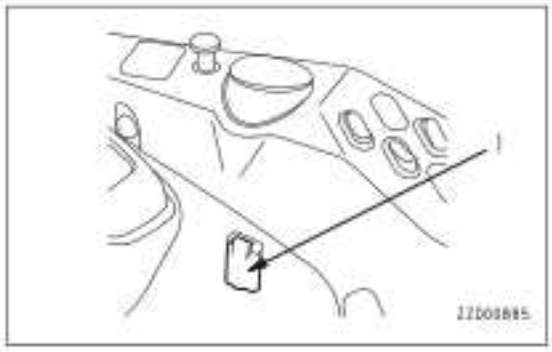
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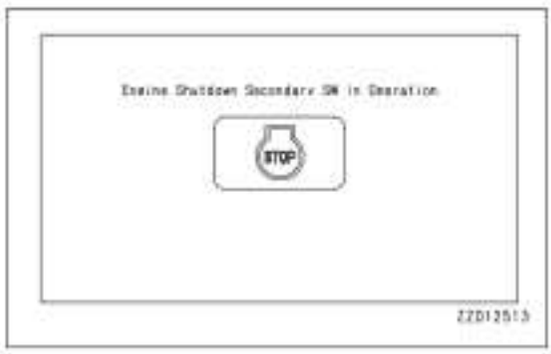
BASIC OPERATION OF MACHINE MONITOR WHEN STARTING ENGINE WHILE ENGINE SHUTDOWN SECONDARY SWITCH IS ON

While engine shutdown secondary switch (1) is ON (engine is stopped), when the starting switch is turned to ON position, the screen shown in the figure is displayed and engine does not start.

If engine shutdown secondary switch (1) is turned OFF (normal), the machine monitor switches to the standard screen, and the engine can be started with usual starting switch key operation.

For the function and operating method of engine shutdown secondary switch (1), see "ENGINE SHUTDOWN SECONDARY SWITCH (3-118)".

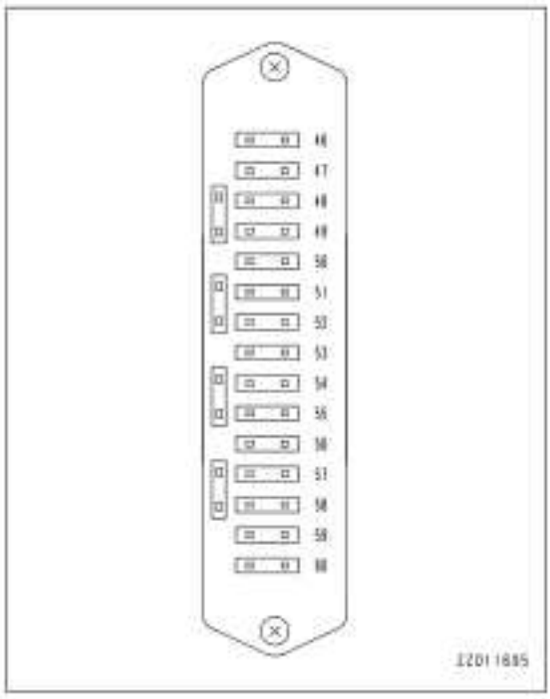




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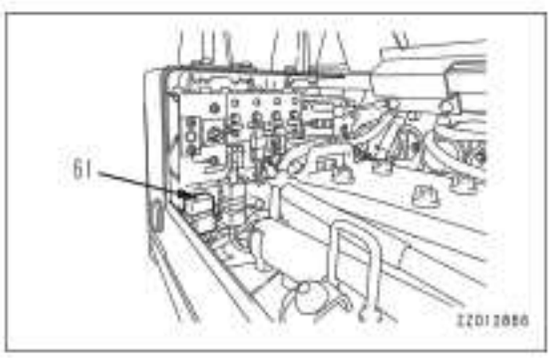
Fuse box IV (BT4)

No.	Capacity	Name of circuit
(46)	20 A	Power window
(47)	20 A	Front wiper
(48)	10 A	Rear wiper
(49)	20 A	DC converter
(50)	10 A	Revolving lamp
(51)	10 A	Payload meter external pilot lamp
(52)	5 A	Heated wire mirror switch (if equipped)
(53)	5 A	Controller (ACC signal)
(54)	5 A	Air conditioner (ACC signal)
(55)	10 A	Download (ACC signal)
(56)	10 A	Parking brake
(57)	30 A	Engine controller
(58)	10 A	Manual secondary steering
(59)	5 A	System operating lamp
(60)	10 A	Cab power tilt (if equipped)



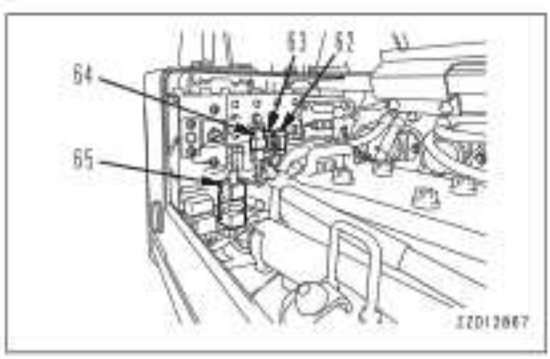
Fuse box V (inside battery case)

No.	Capacity	Name of circuit
(61)	120 A	Power supply for engine heater
	120 A	Power supply for charging battery



Fuse box VI (in battery case)

No.	Capacity	Name of circuit
(62)	15 A	Power supply for secondary steering
(63)	15 A	Power supply for fuel feed pump (continuous power supply)
(64)	65 A	Power supply for urea SCR system
(65)	200 A	Cab power tilt main power supply (continuous power supply, if equipped)



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EVERY 6000 HOURS MAINTENANCE

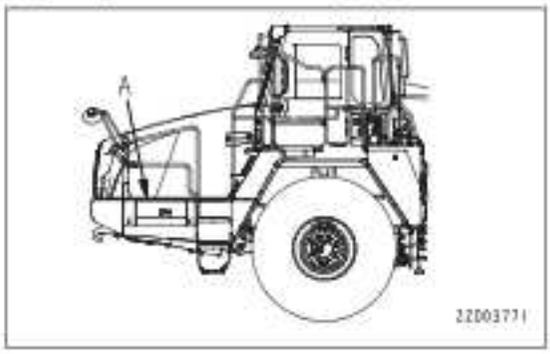
Perform the periodic maintenance work of every 50, 250, 500, 1000 and 2000 hours of operation at the same time.

METHOD FOR LUBRICATING DRIVE SHAFT

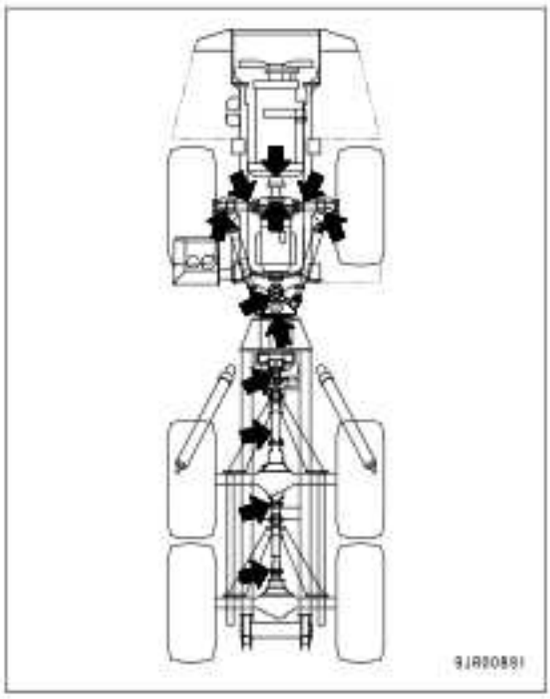
When greasing, use lithium grease (G2-LI), and perform the greasing every 6000 hours or every 2 years.

When getting on or off the machine with carrying grease, a tool etc., place it once in part (A) to ensure your safety.

1. Stop the engine.



2. By using a grease pump, pump in grease through the grease fittings shown by arrows.
3. Grease the spider portion until grease comes out from the cap seal.
4. Check visually that the greasing has been performed properly.
5. After greasing, wipe off any old grease that is pushed out.



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