SEN06284-06

Shop Manual

ARTICULATED
DUMP TRUCK

HM400-3M0

SERIAL NUMBERS 5001 and up

ecot3

KOMATSU®

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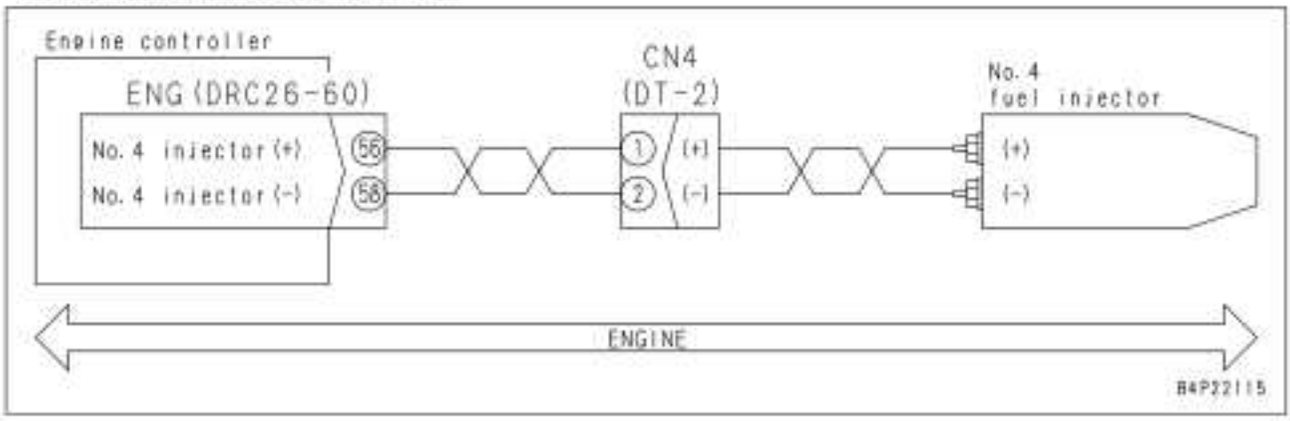
Unit: ℓ

Applicable portion	Specified capacity	Refill capacity
Engine oil pan	58	50
Transmission case (including brake oil tank)	260	125
Hydraulic tank	245	167
Front suspension (each of right and left)	7.8	7.8
Rear suspension (each of right and left)	2.4	2.4
Front differential case	26.0	26.0
Front final drive case (each of right and left)	6	5.5
Center differential case	43	43
Center final drive case (each of right and left)	5.5	5.0
Rear differential case	39	39
Rear final drive case (each of right and left)	6	5.5
Fuel tank	525.0	—
Cooling system	120	114

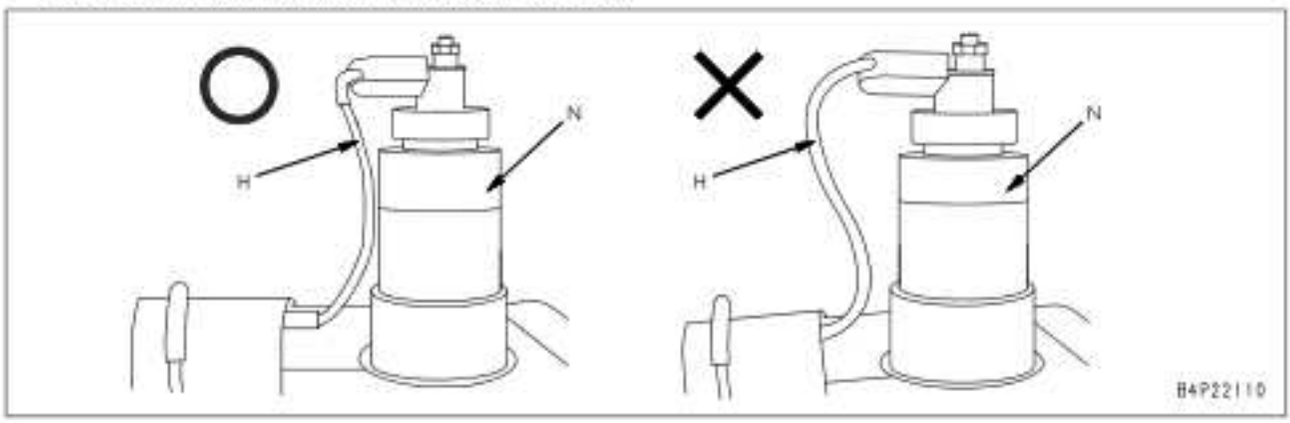
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Circuit diagram related to injector #4



- Improper installation of injector wiring harness (H)



○: Injector wiring harness (H) is in good condition being laid close to injector (N)

x: Injector wiring harness (H) is in bad condition without being laid close to injector (N)

★: Injector wiring harness (H) may interfere with rocker arm.

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Failure code [DLFFLC] Failure of Wheel Speed Sensor (Front) (HM300_3-DLFFLC-400-A-Z0-A)

Action level	Failure code	Failure	Failure of Wheel Speed Sensor (Front) (Retarder hoist controller system)
L01	DLFFLC		
Detail of failure	• Signals from wheel speed sensors (front right and front left) are abnormal.		
Action of controller	• Cancels TCS control (front).		
Problem on machine	• TCS control (front) does not work.		
Related information	• Speed measured by wheel speed sensors (FR) and (FL) can be checked with monitoring function. (Code: 39710, 39711) • Method of reproducing failure code: Start engine and drive machine.		

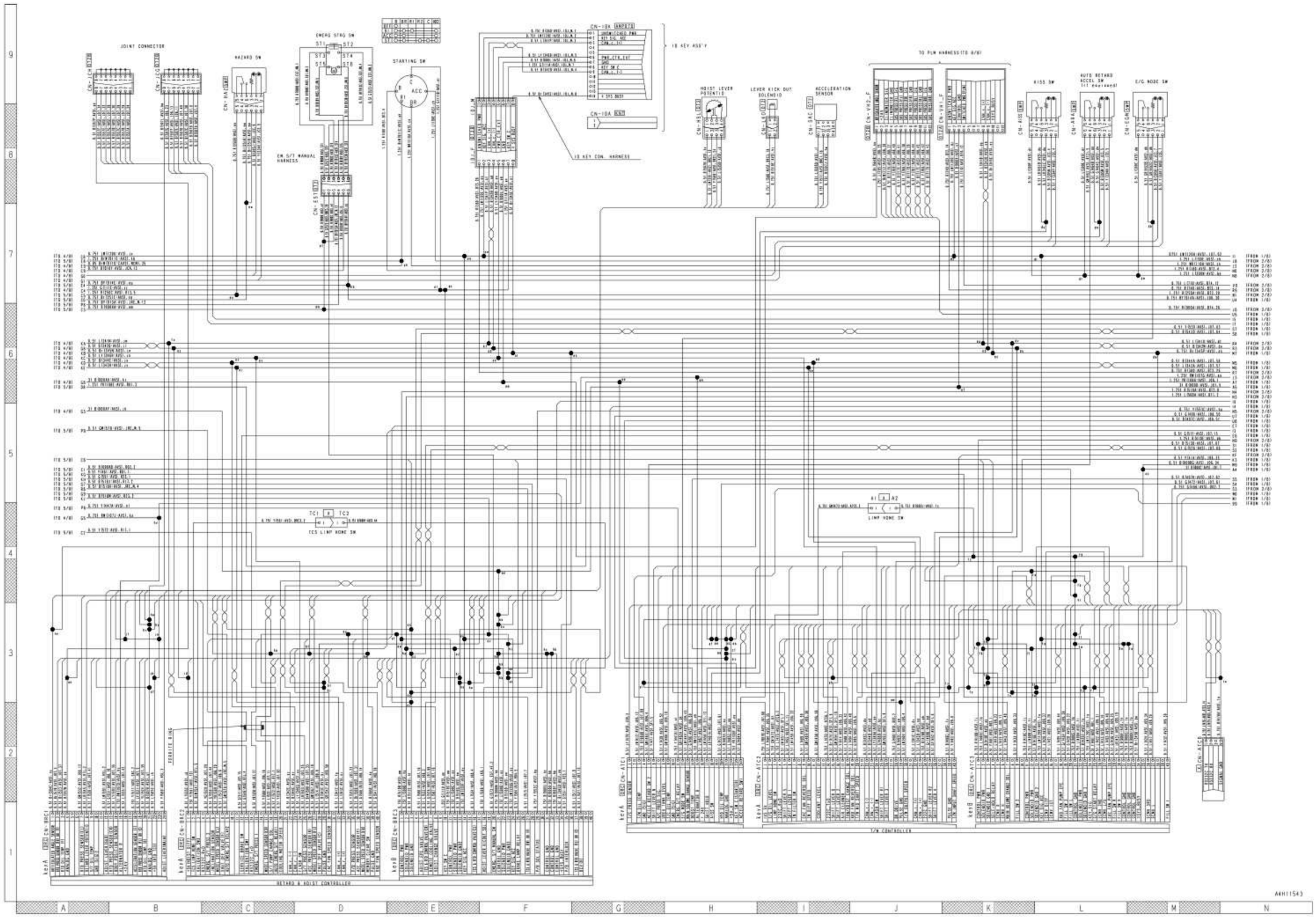
No.	Cause	Procedure, measuring location, criteria and remarks
1	Defective wheel speed sensor (FR)	Perform troubleshooting for failure code [DLF6LC].
2	Defective wheel speed sensor (FL)	Perform troubleshooting for failure code [DLF7LC].
3	Defective retarder hoist controller	If no failure is found by above checks, retarder hoist controller is defective. (Since this is an internal defect, troubleshooting cannot be performed.)

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Inside cab electric circuit diagram (3/8)

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★ This figure covers the equipment and devices that are unavailable as optional items in some areas.



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