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Service Information Bulletin

SUBJECT	DATE
SPN 527 (CPC)(GHG17)	June 2016

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0193	GHG17 DD Medium Duty	SPN 527/FMI 9 - GHG17	New DD5 and DD8 diagnostic procedures
DDC-SVC-MAN-0191	GHG17 DD Heavy Duty		Updated GHG17 HD diagnostic procedures

DiagnosticLink users: Please update the troubleshooting guides in DiagnosticLink with this newest version. To update the tool troubleshooting guide, open DiagnosticLink and from the Help – Troubleshooting Guides menu, select the appropriate troubleshooting manual, then click Update.



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2 SPN 527/FMI 9 - GHG17

J1939 Cruise Control Vehicle Speed (CCVS) Message From Source #1, #2, or #3 Missing

Table 1.

SPN 527/FMI 9	
Description	Missing Message form J1939 Source Address
Monitored Parameter	J1939 Source Address
Typical Enabling Conditions	Always Enabled
Monitor Sequence	None
Execution Frequency	Always Enabled
Typical Duration	Two Seconds
Dash Lamps	CEL
Engine Reaction	None
Verification	Key ON engine ON



WARNING: ENGINE EXHAUST

To avoid injury from inhaling engine exhaust, always operate the engine in a well-ventilated area. Engine exhaust is toxic.

Check as follows:

1. Check for multiple codes: Is (CPC) SPN 168/FMI 0/14/18 (Battery Voltage) present?
 - a. Yes; troubleshoot these first.
 - b. No; Go to step 2.
2. Is (MCM) SPN 625/FMI 9 code present?
 - a. Yes; troubleshoot and repair the Controller Area Network (CAN) line.
 - b. No; Go to step 3.

Parameter	Value	Units	Minimum	Maximum	Description
CPC04T					
PGR001 Communication					
ABS Source Address SAE J1939	11	0	255		(001/001) SAE J1939 Source Address ABS
ACC Source Address SAE J1939	42	0	255		(001/002) SAE J1939 Source Address ACC
AGS2 DMI SPN Convert Method	CPC2 style				(001/003) conversion method
CC1 Source Address SAE J1939		0	255		(001/004) SAE J1939 Source Address #1 CCVS1 (PGN 65265)
CC2 Source Address SAE J1939		0	255		(001/005) SAE J1939 Source Address #2 CCVS1 (PGN 65265)
CC3 Source Address SAE J1939		0	255		(001/006) SAE J1939 Source Address #3 CCVS1 (PGN 65265)

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3. Has the CPC been recently reprogrammed?
 - a. Yes; check the proper configuration of the CPC.
 - b. No; determine which modules are configured for the vehicle and their communication status. Once this is done, follow the appropriate module communication troubleshooting procedures for the affected module.

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CC3 Source Address SAE J1939		0	255		(001/006) SAE J1939 Source Address #3 CCVS1 (PGN 65265)

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