

1 05 20-16



Service Information Bulletin

SUBJECT	DATE
SPN 609 (CPC)(GHG17) and SPN 609 (CPC) (GHG14)	May 2016

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN- 0191	DD Platform	SPN 609/FMI 13 - GHG17	Updated GHG17 HDEP diagnostic procedures
DDC-SVC-MAN- 0084		SPN 609/FMI 13 - GHG14	Updated GHG14 HDEP 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 609/FMI 13 - GHG17

CPC Software Diagnostics

Table 1.

SPN 609/FMI 13	
Description	This fault sets when the CPC software is corrupt or when two or more source inputs are configured with the same address
Monitored Parameter	CPC source address inputs
Typical Enabling Conditions	Always Enabled
Monitor Sequence	None
Execution Frequency	Always Enabled
Typical Duration	2 Seconds
Dash Lamps	CEL
Engine Reaction	None
Verification	Idle

Check as follows:

1. Check for multiple codes:
 - a. If any other fault codes are present, troubleshoot these first.
 - b. If only SPN 609/FMI 13 fault is present, reprogram CPC with the proper configuration for the vehicle.

Table 2.

Note: The tables below shows a set of commonly miss configured source inputs that will set the code.		
Parameter Name	Cascadia Chassis Parameter Value	M2 Chassis Parameter Value
CM1 DPF Source Addr SAE J1939	49	33
CM1 Fan Source Addr 1 SAE J1939	25	49
CM1 Fan Source Addr 2 SAE J1939	49	33

3 SPN 609/FMI 13 - GHG14

CPC Software Diagnostics

Table 3.

SPN 609/FMI 13	
Description	This fault sets when the CPC software is corrupt or when two or more source inputs are configured with the same address
Monitored Parameter	CPC source address inputs
Typical Enabling Conditions	Always Enabled
Monitor Sequence	None
Execution Frequency	Always Enabled
Typical Duration	2 Seconds
Dash Lamps	CEL
Engine Reaction	None
Verification	Idle

Check as follows:

1. Check for multiple codes:
 - a. If any other fault codes are present, troubleshoot these first.
 - b. If only SPN 609/FMI 13 fault is present, reprogram CPC with the proper configuration for the vehicle.

Table 4.

Note: The tables below shows a set of commonly miss configured source inputs that will set the code.		
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