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Service Information Bulletin

SUBJECT	DATE
SPN 630 (CPC) (GHG17)	June 2016

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0191	GHG17 DD Platform	SPN 630/FMI 13 - GHG17	New diagnostic procedures.
DDC-SVC-MAN-0193	GHG17 Medium Duty		New DD5 and DD8 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 630/FMI 13 – GHG17

SCR Number Out of Range

Table 1.

SPN 630/FMI 13	
Description	Selective Catalytic Reduction Number Out of Range
Monitored Parameter	EPROM Values
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

NOTE: A fault may set during Common Powertrain Controller (CPC) module reprogramming. If a fault occurs while programming, clear the code and release the vehicle.

Check as follows:

1. Connect to DiagnosticLink[®].
2. Check for multiple codes. Is CPC SPN 168/FMI 0/14/18 (battery voltage) present?
 - a. Yes; troubleshoot SPN 168/FMI 0/14/18 first.
 - b. No; Go to step 3.
3. Is Motor Control Module (MCM) SPN 625/FMI 9 present?
 - a. Yes; troubleshoot and repair the CAN line.
 - b. No; Go to step 4.
4. Has the CPC been recently reprogrammed?
 - a. Yes; check the proper configuration of the CPC. Go to step 5.
 - b. No; Go to step 5.
5. Clear fault code SPN 630/FMI 13 and cycle the ignition. Does SPN 630/FMI 13 return?
 - a. Yes; reprogram the CPC with the latest software available.
 - b. No; testing is completed. Release vehicle.

3 SPN 630/FMI 13 – GHG17

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