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Service Information Bulletin

SUBJECT	DATE
SPN 1483 (CPC3) (GHG17)	August 2018

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0191	GHG17 DD HD	SPN 1483/FMI 12 - GHG17	This is a new section.

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.



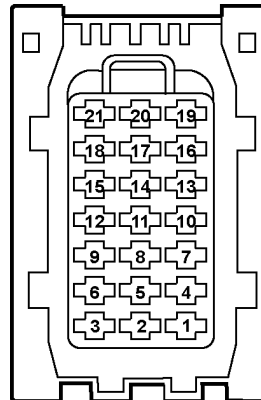
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2 SPN 1483/FMI 12 - GHG17

This fault indicates the CPC3 detected the MCM is not broadcasting information on the PTCAN. Note that TCM SPN 521224 FMI 14 and ACM SPN 1231 FMI 9 may also be present when this fault is active.

Check as follows:

1. Connect DiagnosticLink[®] 8.0 or higher.
2. Turn the ignition ON.
3. Are there any battery voltage faults (SPN 168 FMI any)?
 - a. Yes, troubleshoot battery voltage faults first.
 - b. No; Go to step 4.
4. Is the MCM online?
 - a. Yes, clear all faults. With DiagnosticLink connected, road test vehicle. If fault does not become active during road test, release the vehicle. If fault becomes active during road test Go to step 5.
 - b. No; Go to step 5.
5. Turn the ignition OFF.
6. Disconnect the MCM 21-pin connector.
7. Inspect MCM 21-pin connector for corrosion, water intrusion or pin damage. Is damage is found?
 - a. Yes; repair as necessary.
 - b. No; Go to step 8.
8. Turn the ignition ON.
9. Measure the voltage between MCM 21-pin connector pins 7, 11, 12, 14 and 15 (ignition/battery voltage) and ground. Is the voltage less than 11.5 volts?



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- a. Yes; restore voltage to MCM 21-pin connector pins 7, 11, 12, 14 and 15. Refer to EZWiring for detailed schematic information.
 - b. No; Go to step 10.
10. Turn the ignition OFF.
11. Measure the resistance between MCM 21-pin connector pins 5, 6, 8 and 9 (negative battery post). Is resistance greater than three ohms?
 - a. Yes; restore battery ground to MCM 21-pin connector pins 5, 6, 8 and 9. Refer to EZWiring for detailed schematic information.
 - b. No; repair PTCAN harness between the MCM and the PTCAN (Yellow) Star point connector. Refer to EZWiring/Drawing Type: Schematics Diagrams/Vehicle Sub-System:/Data link and Diagnostics (J1587 and J1939) module for detailed schematic information. See schematic location example below.

EZ/WIRING™

Vehicle Information	Drawing View	Floating Pin List	Commodity
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Location Search Sub-System Search

Serial Number : VIN/Model/Build Date:

Vehicle Area Search

Vehicle Area : Vehicle Sub-System:

Drawing Type:

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