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Service Information Bulletin

SUBJECT	DATE
SPN 1624 (CPC3) (GHG17)	November 2016

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0191	GHG17 Heavy Duty	SPN 1624/FMI 2 - GHG17	These are new sections.
		SPN 1624/FMI 3 - GHG17	
		SPN 1624/FMI 4 - GHG17	

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 1624/FMI 2 – GHG17

VSS Circuit 4 Pin 29 Erratic Data

Check as follows:

1. Note that this fault only pertains to vehicles with manual transmissions.
2. Are any ABS or Vehicle Speed Sensor (VSS) faults present?
 - a. Yes; repair those first.
 - b. No; Go to step 3.
3. Disconnect the vehicle speed sensor.
4. Inspect VSS harness connector for corroded, bent, spread or damaged pins. Is pin damage found?
 - a. Yes; repair as necessary.
 - b. No; replace the vehicle speed sensor.

3 **SPN 1624/FMI 3 – GHG17**

VSS Circuit 4/29 Open or Short to Batt

Check as follows:

1. Note that this fault only pertains to vehicles with manual transmissions.
2. Disconnect the Vehicle Speed Sensor (VSS).
3. Inspect VSS harness connector for corroded, bent, spread or damaged pins. Is pin damage found?
 - a. Yes; repair as necessary.
 - b. No; repair open circuit between VSS sensor and pin 29 of the CPC3 connector #4. Refer to EZ Wiring module 283 for schematic details.

4 SPN 1624/FMI 4 – GHG17

VSS Circuit Connector 4 Pin 29 Short to Ground

Check as follows:

1. Note that this fault only pertains to vehicles with manual transmissions.
2. Disconnect the Vehicle Speed Sensor (VSS).
3. Inspect VSS harness connector for corroded, bent, spread or damaged pins. Is pin damage found?
 - a. Yes; repair as necessary.
 - b. No; repair short to ground between VSS sensor and pin 29 of the CPC3 connector #4. Refer to EZ Wiring module 283 for schematic details.