

## 1 06 15-16



## Service Information Bulletin

SUBJECT	DATE
SPN 1243 (CPC)(GHG17)	June 2016

### Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0193	GHG17 DD Medium Duty	SPN 1243/FMI 14	New DD5 and DD8 diagnostic procedures.
DDC-SVC-MAN-0191	GHG17 DD Platform	SPN 1243/FMI 14	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 1243/FMI 14 - GHG17

Antilock Brake System Fault Restricts Automatic Gear Selection Functionality

**Table 1.**

SPN 1243/FMI 14	
Description	This Fault Code Indicates a Missing Message from the Antilock Brake System (ABS) Module.
Monitored Parameter	J1939 Communication
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 OFF

Check as follows:

1. Check for multiple codes. Are there any SPN 168 (battery voltage) fault codes present?
  - a. Yes; repair the battery voltage concern. Verify repair.
  - b. No; Go to step 2.
2. Is SPN 625/FMI 9 fault code present?
  - a. Yes; repair the Controller Area Network (CAN) line. Verify repair.
  - b. No; Go to step 3.
3. Check for proper configuration of the CPC against the server information. Does the CPC have the proper configuration?
  - a. Yes; refer to the OEM diagnostics for troubleshooting the loss of communication to the ABS module.
  - b. No; check for proper parameter configuration of the CPC against the server information.

### 3 SPN 1243/FMI 14 - GHG17

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**Table 2.**

SPN 1243/FMI 14	
Description	This Fault Code Indicates a Missing Message from the Antilock Brake System (ABS) Module.
Monitored Parameter	J1939 Communication
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 OFF

Check as follows:

1. Check for multiple codes. Are there any SPN 168 (battery voltage) fault codes present?
  - a. Yes; repair the battery voltage concern. Verify repair.
  - b. No; Go to step 2.
2. Is SPN 625/FMI 9 fault code present?
  - a. Yes; repair the Controller Area Network (CAN) line. Verify repair.
  - b. No; Go to step 3.
3. Check for proper configuration of the CPC against the server information. Does the CPC have the proper configuration?
  - a. Yes; refer to the OEM diagnostics for troubleshooting the loss of communication to the ABS module.
  - b. No; check for proper parameter configuration of the CPC against the server information.