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Service Information Bulletin

SUBJECT	DATE
SPN 524279 (CPC) (GHG17)	August 2016

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0191	GHG17 DD Platform	SPN 524279/FMI 2 - GHG17	New GHG17 HD diagnostic procedures.
		SPN 524279/FMI 3 - GHG17	
		SPN 524279/FMI 4 - GHG17	
		SPN 524279/FMI 11 - GHG17	
		SPN 524279/FMI 18 - 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.



13400 Outer Drive, West, Detroit, Michigan 48239-4001
 Telephone: 313-592-5000
www.demanddetroit.com

2 SPN 524279/FMI 2 - GHG17

Expansion Tank Pressure Sensor Data Erratic

Table 1.

SPN 524279/FMI 2	
Description	This Code is not Configured for NAFTA Applications. If This Code is Active, Common Powertrain Controller (CPC) Configuration is Incorrect
Monitored Parameter	CPC PGR063
Typical Enabling Conditions	Not Enabled
Monitor Sequence	None
Execution Frequency	None
Typical Duration	Two Seconds
Dash Lamps	CEL
Engine Reaction	None
Verification	Key ON, Engine OFF

Check as follows:

1. Connect DiagnosticLink[®].
2. Check for proper configuration of the Common Powertrain Controller (CPC) against the server information. Does the CPC have the proper configuration?
 - a. Yes; replace the CPC. Refer to Original Equipment Manufacturer (OEM) literature.
 - b. No; reprogram the CPC with the correct information as necessary. Go to step 3.
3. Clear fault codes. Turn ignition OFF and disconnect DiagnosticLink. Wait five minutes for all modules to power down. Verify repair.

3 SPN 524279/FMI 3 - GHG17

Expansion Tank Pressure Sensor Voltage Failed High

Table 2.

SPN 524279/FMI 3	
Description	This Code is Not Configured for NAFTA Applications; If this Code is Active, Common Powertrain Controller (CPC) Configuration is Incorrect
Monitored Parameter	CPC PGR063
Typical Enabling Conditions	Not Enabled
Monitor Sequence	None
Execution Frequency	None
Typical Duration	Two Seconds
Dash Lamps	CEL
Engine Reaction	None
Verification	Key ON, Engine OFF

Check as follows:

1. Connect DiagnosticLink[®].
2. Check for proper configuration of the CPC against the server information. Does the CPC have the proper configuration?
 - a. Yes; replace the CPC. Refer to Original Equipment Manufacturer (OEM) literature.
 - b. No; reprogram the CPC with the correct information as necessary. Go to step 3.
3. Clear fault codes. Turn ignition OFF and disconnect DiagnosticLink. Wait five minutes for all modules to power down. Verify repair.

4 SPN 524279/FMI 4 - GHG17

Expansion Tank Pressure Sensor Voltage Failed Low

Table 3.

SPN 524279/FMI 4	
Description	This Code is not Configured For NAFTA Applications. If This Code is Active, Common Powertrain Controller (CPC) Configuration is Incorrect
Monitored Parameter	CPC PGR063
Typical Enabling Conditions	Not Enabled
Monitor Sequence	None
Execution Frequency	None
Typical Duration	Two Seconds
Dash Lamps	CEL
Engine Reaction	None
Verification	Key ON, Engine OFF

Check as follows:

1. Connect DiagnosticLink[®].
2. Check for proper configuration of the CPC against the server information. Does the CPC have the proper configuration?
 - a. Yes; replace the CPC. Refer to Original Equipment Manufacturer (OEM) literature.
 - b. No; reprogram the CPC with the correct information as necessary. Go to step 3.
3. Clear fault codes. Turn ignition OFF and disconnect DiagnosticLink. Wait five minutes for all modules to power down. Verify repair.

5 SPN 524279/FMI 11 - GHG17

Expansion Pressure Tank Pressure Set Fault

Table 4.

SPN 524279/FMI 11	
Description	This Code is not Configured for NAFTA Applications. If this Code is Active, Common Powertrain Controller (CPC) Configuration is Incorrect
Monitored Parameter	CPC PGR063
Typical Enabling Conditions	Not Enabled
Monitor Sequence	None
Execution Frequency	None
Typical Duration	Two Seconds
Dash Lamps	CEL
Engine Reaction	None
Verification	Key ON, Engine OFF

Check as follows:

1. Connect DiagnosticLink[®].
2. Check for proper configuration of the CPC against the server information. Does the CPC have the proper configuration?
 - a. Yes; replace the CPC. Refer to Original Equipment Manufacturer (OEM) literature.
 - b. No; reprogram the CPC with the correct information as necessary. Go to step 3.
3. Clear fault codes. Turn ignition OFF and disconnect DiagnosticLink. Wait five minutes for all modules to power down. Verify repair.

6 SPN 524279/FMI 18 - GHG17

Expansion Pressure Tank Pressure Loss

Table 5.

SPN 524279/FMI 18	
Description	This Code is not Configured for NAFTA Applications. If this Code is Active, Common Powertrain Controller (CPC) Configuration is Incorrect
Monitored Parameter	CPC PGR063
Typical Enabling Conditions	Not Enabled
Monitor Sequence	None
Execution Frequency	None
Typical Duration	Two Seconds
Dash Lamps	CEL
Engine Reaction	None
Verification	Key ON, Engine OFF

Check as follows:

1. Connect DiagnosticLink[®].
2. Check for proper configuration of the CPC against the server information. Does the CPC have the proper configuration?
 - a. Yes; replace the CPC. Refer to Original Equipment Manufacturer (OEM) literature.
 - b. No; reprogram the CPC with the correct information as necessary. Go to step 3.
3. Clear fault codes. Turn ignition OFF and disconnect DiagnosticLink. Wait five minutes for all modules to power down. Verify repair.