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Service Information Bulletin

SUBJECT	DATE
SPN 3216 (ACM) (EPA10;GHG14)	September 2014

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0084	EPA10/ GHG14 DD Platform	SPN 3216/FMI 3 - EPA10 - GHG14	This is an updated section to reflect fault monitor sequence.
		SPN 3216/FMI 4 - EPA10 - GHG14	



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2 SPN 3216/FMI 3 - EPA10 - GHG14

Selective Catalyst Reduction Inlet NOx Sensor Circuit Failed High

Table 1.

SPN 3216/FMI 3	
Description	This Codes Sets When There is a Short to Power on the SCR NOx Inlet Circuit Between the Sensor and the CPU
Monitored Parameter	SCR Inlet NOx Sensor
Typical Enabling Conditions	Dewpoint Enabled
Monitor Sequence	None
Execution Frequency	Continuous When Enabling Conditions Met
Typical Duration	2 Seconds
Dash Lamps	MIL, CEL
Engine Reaction	None
Verification	Parked Regen

Check as follows:

1. Disconnect the SCR inlet NOx sensor.
2. Inspect the SCR inlet NOx sensor and harness side connector for bent, spread, or corroded pins. Is any damage found?
 - a. Yes; repair as necessary. Verify repairs.
 - b. No; replace the SCR inlet NOx sensor. Refer to section "Removal of the GHG14 Selective Catalytic Reduction Inlet NOx Sensor".

3 SPN 3216/FMI 4 - EPA10 - GHG14

Selective Catalyst Reduction Inlet NOx Sensor Circuit Failed Low

Table 2.

SPN 3216/FMI 4	
Description	This Codes Sets When There is a Short to Ground on the SCR NOx Inlet Circuit Between the Sensor and the CPU
Monitored Parameter	SCR Inlet NOx Sensor
Typical Enabling Conditions	Dewpoint Enabled
Monitor Sequence	None
Execution Frequency	Continuous When Enabling Conditions Met
Typical Duration	2 Seconds
Dash Lamps	MIL, CEL
Engine Reaction	None
Verification	Parked Regen

Check as follows:

1. Disconnect the SCR inlet NOx sensor.
2. Inspect the SCR inlet NOx sensor and harness side connector for bent, spread, or corroded pins. Is any damage found?
 - a. Yes; repair as necessary. Verify repairs.
 - b. No; replace the SCR inlet NOx sensor. Refer to section "Removal of the GHG14 Selective Catalytic Reduction Inlet NOx Sensor".