

1 05 19-16



Service Information Bulletin

SUBJECT	DATE
SPN 3226 (ACM) (EPA10;GHG14)	May 2016

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0084	DD Platform	SPN 3226/FMI 3 - EPA10 - GHG14	Updated the software level for GHG14

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 3226/FMI 3 - EPA10 - GHG14

Selective Catalyst Reduction Outlet NOx Sensor Circuit Failed High

Table 1.

SPN 3226/FMI 3	
Description	This Code Sets When There is a Short to Power on the SCR Outlet NOx Circuit Between the Sensor and CPU
Monitored Parameter	SCR Outlet NOx Sensor
Typical Enabling Conditions	Dewpoint Enabled
Monitor Sequence	None
Execution Frequency	Continuous When Enabling Conditions Met
Typical Duration	Two Seconds
Dash Lamps	MIL, CEL
Engine Reaction	None
Verification	Parked Regen

Check as follows:

1. Is the vehicle an EPA10 model?
 - a. Yes; Go to step 2.
 - b. No; Go to step 3.
2. Is the Aftertreatment Control Module (ACM) software level 8.7.0.105 with fuel map ZGS 001 or higher?
 - a. Yes; Go to step 5.
 - b. No; update device software and then Go to step 4.
3. Is the Aftertreatment Control Module (ACM) software level 5.57.0.0 with fuel map ZGS 003 or higher?
 - a. Yes; Go to step 5.
 - b. No; update device software and then Go to step 4.



WARNING: HOT EXHAUST

During parked regeneration the exhaust gases will be extremely HOT and could cause a fire if directed at combustible materials. The vehicle must be parked outside.



WARNING: PERSONAL INJURY

To avoid injury before starting and running the engine, ensure the vehicle is parked on a level surface, parking brake is set, and the wheels are blocked.



WARNING: ENGINE EXHAUST

To avoid injury from inhaling engine exhaust, always operate the engine in a well-ventilated area. Engine exhaust is toxic.

4. Clear faults, perform a parked regeneration. Does the fault become active?
 - a. Yes; Go to step 5.
 - b. No; release the vehicle.
5. Disconnect the SCR outlet NOx sensor.
6. Inspect the SCR outlet 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 outlet NOx sensor. Refer to section "Removal of the GHG14 Selective Catalytic Reduction Outlet NOx Sensor".