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Service Information Bulletin

SUBJECT	DATE
SPN 520249/ FMI 4 - EPA10 -ACM	May 2014

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0084	DD Platform	SPN 520249/ FMI 4 - EPA10	Description and diagnostic has been updated.



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2 SPN 520249/FMI 4 - EPA10

SCR Inlet Temperature High

Check as follows:

Table 1.

SPN 520249/FMI 4	
Description	This code sets when the Selective Catalytic Reduction (SCR) inlet temperature is greater than 760° C (1400 ° F).
Monitored Parameter	SCR Inlet Temperature Sensor
Typical Enabling Conditions	Non-Regen Mode
Monitor Sequence	None
Execution Frequency	Continuous when enabling conditions met
Typical Duration	2 Seconds
Dash Lamps	MIL, CEL
Engine Reaction	Derate 25%

Check as follows:

1. Connect DiagnosticLink™. Go to step 2.
2. Turn the ignition ON (Key ON, Engine OFF). Go to step 3.
3. Monitor the SCR inlet temperature sensor reading. Is the SCR inlet temperature sensor reading within 25° C (45° F) of the other exhaust temperature sensors?
 - a. Yes; Go to step 4.
 - b. No; replace the SCR inlet temperature sensor .Verify repair.
4. Check for multiple fault codes. Are any of the following fault codes present?
 - SPN 3250/ FMI 0 or 15
 - SPN 3246/ FMI 0 or 15
 - SPN 3251/ FMI 16
 - SPN 4360/ FMI 1, 4, 8 or 20
 - a. Yes; diagnose the fault codes first. Verify repair.
 - b. No; replace the SCR inlet temperature sensor .Verify repair.