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Service Information Bulletin

SUBJECT	DATE
SPN 521013 (MCM) (GHG17)	February 2016

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0191	DD Platform - GHG17	SPN 521013/FMI 31 - GHG17	This is a new section.



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2 SPN 521013/FMI 31 - GHG17

Symmetric Injection Mode Expected

Table 1.

SPN 521013/FMI 31	
Description	Symmetric Injection Mode Expected
Monitored Parameter	Injector Duration Ratio
Typical Enabling Conditions	Injector Duration Ratio greater than 0.5
Monitor Sequence	Engine Load greater than 20% and less than 100%, Engine Speed Gradient less than or equal to 200 rpm
Execution Frequency	Five Seconds, Two Times in one Drive Cycle
Typical Duration	
Dash Lamps	MIL
Engine Reaction	None
Verification	

Check as follows:

1. Are any of the following faults present?
 - SPN 651/FMI any
 - SPN 652/FMI any
 - SPN 653/FMI any
 - SPN 654/FMI any
 - SPN 655/FMI any
 - SPN 656/FMI any
 - SPN 2797/FMI any
 - SPN 2798/FMI any
 - SPN 1072/FMI any
 - SPN 1073/FMI any
 - a. Yes; troubleshoot that fault code first.
 - b. No; Go to step 2.
2. Disconnect both injector harness 14-pin connectors. Inspect the fuel injector harness 14-pin connector for bent or spread pins; inspect the connector seal for damage (signs of water or oil intrusion). Was an issue found?
 - a. Yes; repair as needed. Clear fault and release to customer.
 - b. No; clear fault and release to customer.