



No.: 16 TS-21
October 20, 2016

TO: Service Locations

FROM: Service Systems Development

SUBJECT: GHG17 DD Platform Engines With Code SPN: 3217 FMI: 2, SCR Inlet NOx Sensor Lambda Drift Low or Code SPN: 3227 FMI: 2, SCR Outlet NOx Sensor Lambda Drift Low

ISSUE

Some GHG17 DD Platform engines are experiencing these fault codes. These fault codes are only logged during coasting conditions.

CAUSE

In most cases - no problem is being found with the engine or NOx sensors. Further investigation by Detroit™ has found a calibration issue related to fault code.

REQUIRED ACTION

Update the ACM software on the unit to 7.56.7.0 with fuel map ZGS002 (or higher) and unit can then be released.

Published troubleshooting for the applicable code in Power Service Literature in the *GHG17 Heavy Duty Troubleshooting Manual (DDC-SVC-MAN-0191)* will be updated - this is an early warning if the fault is encountered.

Do not replace either NOx sensor for this fault unless unit has coded with the above software level already in the ACM.

For cases where a unit has coded with the new software, please contact the Customer Support Center (CSC) for additional assistance at 800-445-1980.

CLAIM PROCESS

Normal in-warranty procedures apply.

If a mechanical failure is found in warranty, file the claim against the appropriate failed part.

If no part failure is found, file the claim as follows:

- Claim type: 1 (base warranty) or 2 (extended coverage)
- Fault type: 83
- PFP: **Reprogram ACM**
- Labor:
 - 939-6225D: (COMPUTER HOOK-UP USED IN DIAGNOSTICS) 0.3 hrs
 - AND
 - 021901: (Reprogram One Module) 0.5 hrs*
 - AND
 - 939-6010A: (Administrative Time) 0.3 hrs
- Parts return: none

CONTACT INFORMATION

Please contact the Detroit™ Customer Support Center at 800-445-1980 or email csc@daimler.com if you have any questions.