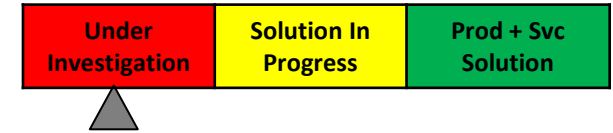


MCM Fault 521173/21 – Int. NOx Flow Rate Low Gen5 DD13 (CY2024)



Description

- Spike in fault 521173/21 – Integrated NOx Flow Rate Below Threshold being seen in 2024 Gen5 DD13
 - Spike in fault code on DD13 with GATS2.4 is being observed on new trucks.
 - Late 2023 development data showed some possible concerns with humidity.
 - Test cal developed based off that data deployed to two units on May 3rd, 2024.
 - Initial test cal made positive impact but additional faults logged require further changes to test cal.
 - Due to certification needs and test cell timing, no change for this fault can be included in July 2024 running change. Working target is to release a DD13 MCM only running change in September 2024 for service fix.

Factory Resolution

- TBD

Field Resolution

- Follow current troubleshooting for 521173/20 in TechLit.
 - Update of troubleshooting based on SW level moving forward with Diagnostics Team.
- If NTF, clear fault and release in the interim.
 - Do not replace NOx sensors, it is not cause of the fault.