

# MCM Fault 521173/21 – Int. NOx Flow Rate Low Gen5 DD 13 (CY2024) with GATS2.4



## Description

- Spike in fault 521173/21 – Integrated NOx Flow Rate Below Threshold being seen in 2024 Gen5 DD 13
  - 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 3<sup>rd</sup>, 2024.
  - Initial test cal made positive impact but additional faults logged require further changes to test cal.
    - PCA Fix released as part of MY25 SOP package (~March 2025 for service on 2024-units).

## Factory Resolution

- Fix implemented in 2025 SOP MCM software, 19.5.1.3.

## Field Resolution

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