



STAR ONLINE PUBLICATION



Case Number: S2525000001

Release Date: April 2025

Symptom/Vehicle Issue: Malfunction Indicator Lamp (MIL) Illuminated. Diagnostic Trouble Codes (DTCs) P22A1 – NOx Sensor Circuit High, Bank 1 Sensor 2, and P20EE – NOx Catalyst Efficiency Below Threshold, Setting.

Discussion: A customer may experience a MIL Illumination. Upon further investigation, the technician may find DTCs P22A1, and P20EE setting in the Powertrain Control Module (PCM). If you receive a vehicle in with this condition, please follow all normal publish diagnostics for the DTC including verifying the condition of the Diesel Exhaust Fluid (DEF).

If normal diagnostics has not led to the proper repair, do not perform any additional repairs at this time. This issue is currently under investigation by engineering to determine root cause. There is currently no ETA for the repair.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.