



SSM 52046 Diesel engine vehicles with FeedGas NOx, TailPipe NOx, and PM sensors. Identifying correct sensor/ DTC association and defining failed part (MIL ON) or monitor (No MIL) status

For vehicles with FeedGas NOx, TailPipe NOx, and PM sensors, increasing exhaust system complexity has resulted in some erroneous fault diagnosis and sensor replacements. To support part replacement warranty claims, there must be a DTC with "MIL ON" indication included in the IDS session file. Claims without "MIL ON" DTC's ('pending' or 'historical') in the IDS session file will be returned for further clarification. For Feedgas NOx Sensor (located before the DPF), all DTC descriptions contain 'Bank 1 Sensor 1' or 'Sensor A'. The associated base part number is 5L248. Only replace part with DTC and MIL ON For Tailpipe NOx Sensors (located after the DPF), all DTC descriptions contain 'Bank 1 Sensor 2' or 'sensor B'. The associated base part number is 5E145. Only replace part with DTC and MIL ON For Particulate Matter (PM) sensors (located after the DPF), all DTC descriptions contain 'Particulate Matter' or 'PM'. The associated base part numbers are 5L239 or 5L216. Only replace part with DTC and MIL ON Warranty claims for sensor replacements with a mismatch between base part number/ correct DTC will also be returned for further clarification.