

SSM 51791

2023 F-Super Duty - 6.7L - Illuminated MIL With Various NOx System DTCs

Some 2023 F-Super Duty vehicles equipped with a 6.7L engine may exhibit an illuminated malfunction indicator lamp (MIL) with diagnostic trouble codes (DTC) U029D, U029E, U02A1, U02A3, P2209, P24D0, P22A7, and/or P23B5. This may be due to a wiring chafe on harness 14406 near connector C146 touching the exhaust gas recirculation (EGR) cooler on the right side of the engine. Before performing normal diagnostics, inspect 20 amp fuse F18 (position 26). If fuse F18 is found open, inspect the 14406 harness for contact with the EGR cooler and repair as necessary. Refer to Wiring Diagram, Cell 005 for repair procedures. If no damage is found, refer to Workshop Manual, Section 303-08A for normal diagnostics.