



## **SSM 54593 Various 2024-2025 Vehicles - 1.5/2.0/2.3/3.5L EcoBoost - Extended Crank, Engine Oil Level High/Smells Like Fuel – Various Drivability DTCs - Built On 01-Oct-2024 And Through 31-May-2025**

Some 2024-2025 F-150, Expedition/Navigator, Escape/Corsair, Bronco, Explorer, Mustang, Maverick vehicles equipped with a 1.5/2.0/2.3/3.5L EcoBoost engine and built on 01-Oct-2024 and through 31-May-2025 may exhibit an extended crank condition, strong fuel smell in the engine oil, high engine oil level and/or may have various drivability diagnostic trouble codes (DTCs) stored in the powertrain control module (PCM) with an illuminated malfunction indicator lamp (MIL). This may be due to an internal fuel leak of the high-pressure fuel pump causing fuel to enter the crankcase and reduce fuel pressure in the direct injection fuel rail. Diagnose this condition using Pinpoint Test HP located in Workshop Manual (WSM), Section 303-04. If no DTCs are stored in the PCM, proceed from Step HP1 to Step HP5 and continue testing. Repair as necessary outside of this article. For claiming, if high-pressure fuel pump replacement is required, use causal part number 9D376 and labor operation code 9543A. If the root cause is identified as anything other than the fuel injection pump, claim the repair outside of this article. Note: Components damaged as a result of this failure mode should be repaired and claimed outside of this article.