



SSM 52419 Various Vehicles - 1.5L/2.0L/2.3L - Misfire With Diagnostic Trouble Code (DTC) P0301, P0302, P0303, And/Or P0304 Stored In The PCM

Some 2023-2024 Escape/Corsair vehicles equipped with a 1.5L or 2.0L EcoBoost engine, 2024 Mustang vehicles equipped with a 2.3L EcoBoost engine, and 2024 Nautilus vehicles may exhibit an engine misfire condition with diagnostic trouble codes (DTC) P0301, P0302, P0303 and/or P0304 set in the powertrain control module (PCM). If the codes are stored in the PCM, remove and inspect the condition of all the spark plugs. If any spark plugs appear to be damaged, use a borescope to inspect the condition of the cylinder walls. If the cylinder walls are scored/scraped/damaged, replace the long block engine assembly (6006) to resolve this condition. If the cylinder walls are not scored/scraped/damaged, replace the damaged spark plug(s) and advise the customer that engineering is investigating this issue. Monitor OASIS for additional information and schedule service appointments for customers once the repair becomes available.