



SSM 54504 2016-2017 Multiple Vehicles - 2.7L/3.0L EcoBoost - Oil Consumption With DTC P0524 And/Or P06DD, Rough Idle, Misfire And/Or White Or Blue Exhaust Smoke - Built On 1-Apr-2016 And Through 1-Jan-2017

Some 2016-2017 Edge/MKX, 2017 Continental/Fusion/MKZ vehicles equipped with a 2.7L or 3.0L EcoBoost engine and built on 1-Apr-2016 and through 1-Jan-2017 may exhibit white or blue smoke from the exhaust, rough idle in neutral or park at normal operating temperature or after a hot restart. The vehicle may also exhibit an illuminated malfunction indicator lamp (MIL) with diagnostic trouble codes (DTCs) P0300, P0301, P0302, P0303, P0304, P0305, P0306 and/or P0316, P0524 and/or P06DD with excessive oil consumption. Oil consumption may be 1 Liter (1 quart) in less than 4,800 km (3,000 miles). This may be due to the valve guides. To correct the condition replace the cylinder heads. During service and repair, achieving proper torque of the crankshaft pulley bolt is critical. Incorrect torque may allow the bolt to loosen resulting in timing gear failure and engine damage. Replacement of the bolt is critical to the repair. The bolt requires a 4 stage torque procedure. Hold the pulley using a universal holding tool OTC 4754 or equivalent. Refer to Workshop Manual, Section 303-01. The bolt torque procedure can be found in the crankshaft front seal removal and installation procedure or in the engine assembly procedure. For claiming, use causal part 6049 and labor operation 6051A and 6051A8.