

SSM 51764

2020-2023 Explorer/Aviator - 3.0L EcoBoost - Illuminated MIL And Low Oil Pressure Warning In The IPC With DTCs P0521 And/Or P0524 In The PCM

Some 2020-2023 Explorer/Aviator vehicles equipped with a 3.0L EcoBoost may exhibit an illuminated malfunction indicator lamp (MIL) and low oil pressure warning in the instrument panel cluster (IPC), with diagnostic trouble codes (DTC) P0521 and/or P0524 in the powertrain control module (PCM). This condition may be caused by an internal oil pressure leak. If pinpoint test E in the Workshop Manual (WSM) Section 303-01B directs you to the replacement of the oil pump, upon reassembly inspect that the main oil gallery tube (6718) is assembled and aligned properly on the back of the engine front cover. The engine oil gallery seal (00815) must be replaced any time the front cover is removed (per WSM Section 303-01B). The WSM front cover removal and installation procedure is in the process of being updated.