



SSM 54262 2019-2020 Various Ford/Lincoln Vehicles - 2.7L/3.0L EcoBoost/3.0L PHEV - Ticking/Tapping Or Rattle Type Noise From The Top Front Cover Area Of The Engine After Cold Soak

Some 2019-2020 Edge/Nautilus vehicles equipped with a 2.7L EcoBoost, 2020 Aviator vehicles equipped with a 3.0L EcoBoost or 3.0L plug-in hybrid electric vehicle (PHEV) engine, 2020 Explorer vehicles equipped with a 3.0L EcoBoost, and 2020 F-150 vehicles equipped with a 2.7L EcoBoost engine may exhibit a ticking/tapping or rattle type noise from the top front cover area of the engine. This noise may occur on initial start-up after a cold soak of 6 hours or more that may last for 2-5 seconds. This may be due to an internal component of the variable cam timing (VCT) unit. If diagnostics lead to the VCTs as the source of the noise, refer to the 2024 F-150 Workshop Manual (WSM), Section 303-00 > Diagnosis and Testing > Engine > Pinpoint Test F. Pinpoint test F has been updated to include additional steps along with a video on how to identify the single affected VCT unit that requires replacement.