



SSM 54275 2021-2024 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 2021-2023 Explorer vehicles equipped with a 3.0L EcoBoost engine, 2021-2023 Aviator vehicles equipped with a 3.0L EcoBoost or 3.0L plug-in hybrid electric vehicle (PHEV) engine, 2021-2023 Edge/Nautilus vehicles equipped with a 2.7L EcoBoost, 2021-2024 F-150 vehicles equipped with a 2.7L EcoBoost, and 2021-2024 Bronco and 2024 Ranger vehicles equipped with a 2.7L or 3.0L 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. Workshop Manual (WSM), Section 303-00 > Diagnosis and Testing > Engine > Pinpoint Test F has been updated to include additional steps along with a video to identify the affected VCT unit that requires replacement.