

SSM 51542

2020-2023 F-150, 2021-2023 Bronco - 2.7L/3.0L EcoBoost - Ticking/Tapping Or Rattle Type Noise From The Top Front Cover Area Of The Engine After Cold Soak

Some 2020-2023 F-150 and 2021-2023 Bronco 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 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 a stuck internal component of the variable cam timing (VCT) unit. To correct the condition, replace all 4 of the VCT units following Workshop Manual (WSM), Section 303-01. For claiming, use causal part 6C525 and applicable labor operations in Section 6 of the Service Labor Time Standards (SLTS) Manual. If labor times are not available, claim M-time.