



## **SSM 53878 2021-2025 Expedition/Navigator, 2021-2025 F-150 Non-Lightning/Non-PowerBoost - Rattle/Scraping Noise At Startup**

Some 2021-2025 Expedition/Navigator and 2021-2025 F-150 non-Lightning/non-PowerBoost vehicles may exhibit a rattle/scraping noise from the bellhousing area on start-up. This may be due to the torque converter studs contacting the engine to transmission spacer plate (separator plate). To correct this condition, inspect the engine to transmission spacer plate and torque converter studs for wear/damage. If wear/damage is found, replacement of the torque converter is not necessary. Replace only the engine to transmission spacer plate. Refer to Workshop Manual (WSM) Section 303-01 > Engine to Transmission Spacer Plate for full spacer plate removal and installation. When reinstalling the starter motor, make sure the starter is flush with the engine to transmission spacer plate prior to tightening the studbolts. Failure to do so may result in damaging the newly installed engine to transmission spacer plate.