

SSM 49355 - 2015-2020 F-150, 2018-2020 Expedition/Navigator - 3.5L/2.7L EcoBoost - 4WD - Intermittent Grinding Type Noise While Driving

Some 2015-2020 F-150 and 2018-2020 Expedition/Navigator vehicles equipped with a 3.5L/2.7L EcoBoost engine and four-wheel drive (4WD) may exhibit an intermittent grinding type noise while driving in two-wheel drive (2WD), most commonly on acceleration. This noise could appear to be turbocharger related. After engineering analysis of returned turbochargers that have been replaced for this condition, no concerns were identified with the turbochargers. The grinding type noise may be related to the 4WD system integrated wheel ends (IWE). To aid in diagnosis, shift the vehicle to 4WD and attempt to verify the condition. If the grinding noise no longer occurs with the vehicle in 4WD a IWE vacuum system and/or mechanical fault may be present.

APPLICABLE VEHICLES

2018 - 2020 TRUCK: B8 U553N EXPEDITION

2018 - 2020 TRUCK: B9 U554N NAVIGATOR

2015 - 2020 TRUCK: FC P552N F-150

2015 - 2020 TRUCK: FC P552N F-150

2019 - 2020 TRUCK: FC P552N F-150