

## **SSM 48404 - 2017-2020 F-150 - Externally Controlled Variable Displacement Compressor - HighPitched Squeal/Whistle Noise From The Engine Compartment After Engine Shut Off**

Some 2017-2020 F-150 vehicles equipped with a 3.5L EcoBoost engine, 2018-2020 F-150 vehicles equipped with a 2.7L EcoBoost or 5.0L engine, 2019-2020 F-150 vehicles equipped with a 3.0L engine, and an externally controlled variable displacement compressor (EVDC) may exhibit a high pitched squeal or whistle type noise from the engine compartment after the engine is shut off. This condition may be due to the air conditioning (A/C) low side system pressure exceeding the high side pressure resulting in equalization of A/C system pressures through the EVDC A/C compressor. This noise is not detrimental to system operation or durability. Do not attempt diagnosis or repairs for this condition at this time. Engineering is investigating, monitor OASIS for updates.