



## **SSM 54392 2021-2025 F-150/Expedition/Navigator - 3.5L EcoBoost - DTC P0299 Stored In The PCM**

Some 2021-2025 F-150/Expedition/Navigator vehicles equipped with a 3.5L EcoBoost engine may exhibit diagnostic trouble code (DTC) P0299 stored in the powertrain control module (PCM) and may also exhibit a rattle noise from the turbocharger. This may be due to the wastegate actuator rod being disconnected. Workshop Manual (WSM), Section 303-04 Fuel Charging and Controls > Turbocharger has been added to address this condition to allow servicing of the turbocharger actuator rod. In addition, the wastegate actuator rod and associated retention springs and clips have been released as lower level components to complete the repair without replacing the entire turbocharger actuator assembly.