

SSM 49430 - 2011-2021 F-Super Duty, 2016-2021 F-650/F-750 – High/Elevated Idle After Extended Idle Periods – Selective Catalyst Reductant (SCR) System

2011-2021 F-Super Duty and 2016-2021 F-650/F-750 vehicles equipped with a 6.7L engine may exhibit a high/elevated idle condition. During prolonged idle time, vehicles may experience this high/elevated idle to reduce buildup of unburned hydrocarbons from the SCR system. The powertrain control module (PCM) estimates hydrocarbon levels in the SCR and may increase idle speed to remove them. Idle speed will be increased to 1000 revolutions per minute (rpms) for ambient temperatures near 26°C (80°F) and may increase to as high as 1200 rpms at -40 °C (-40°F). These elevated idle periods can last from 20-40 minutes, depending on ambient temperatures. During power take off (PTO) use and already using idle set point control, the elevated speed is disabled. It is required that the operator monitor the vehicle and adhere to the Exhaust Filter warning messages.

APPLICABLE VEHICLES

2017 - 2021 TRUCK: FE P558N SUPER DUTY
2011 - 2016 TRUCK: FA P473N SUPER DUTY
2016 - 2019 TRUCK: BC H567N MEDIUM TRUCK
2021 TRUCK: BC H567N MEDIUM TRUCK
2016 - 2019 TRUCK: BC H567N MEDIUM TRUCK
2021 TRUCK: BC H567N MEDIUM TRUCK
2016 - 2019 TRUCK: BC H567N MEDIUM TRUCK
2021 TRUCK: BC H567N MEDIUM TRUCK