

SSM 50636 - 2011-2022 F-Super Duty, 2016-2023 F-650/F-750 – High/Elevated Idle After Extended Idle Periods – Selective Catalyst Reductant (SCR) System

2011-2022 F-Super Duty and 2016-2023 F-650/F-750 vehicles equipped with a 6.7L engine may exhibit an elevated idle condition. During prolonged idle time, vehicles may experience this elevated idle to reduce unburned hydrocarbons from the SCR. The powertrain control module estimates hydrocarbon levels in the SCR and may increase idle speed to remove them. Idle speed will be increased to 1000 RPM for ambient temperatures near 26°C (80°F) and may increase to 1200 RPM at -40 °C (-40°F). Vehicles may exhibit exhaust smoke and diesel exhaust fluid smell during elevated idle condition. Exhaust smoke and smell condition will not affect reliability or durability of the engine. Power take-off (PTO) use and idle set point control will disable elevated speed. It is required that the operator monitor the vehicle and adhere to any 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
2022 - 2023 TRUCK: BC H567N MEDIUM TRUCK
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2022 TRUCK: FE P558N SUPER DUTY