

## **SSM 51691**

### **2011-2023 F-Super Duty, 2016-2024 F-650/F-750 – High/Elevated Idle After Extended Idle Periods – Selective Catalyst Reductant (SCR) System**

2011-2023 F-Super Duty and 2016-2024 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.