

SB-10058658-3220

45306 2011-2016 F-Super Duty - 6.7L Diesel - Fuel Knock Noise At Idle With Various Diagnostic Trouble Codes (DTCs) - Fuel Mass Adaptation

Some F-Super Duty vehicles with 6.7L diesel engines may exhibit a fuel knock type noise at idle with various cylinder contribution/balance DTCs and/or Fuel Injector Offset Learn DTCs. To resolve this issue please use the following procedure:
1) Make sure ECT1 and EOT are above 176°F (80°C). 2) Using the IDS or equivalent service tool, run the Manual Injector Balance Test/Enhanced Power Balance Test under Toolbox, Powertrain, Power Balance. If the noise is gone after running the test, then clear the High Pressure Side Min. Fuel Mass Adaptation tables for All Cylinders, and the Crankshaft Position Sensor under Toolbox, Powertrain, Service Functions, Reset, Clear Specified Function. Release the vehicle back to the customer. If the noise does not improve, follow Pin Point Test (PPT) M in the online PC/ED. Use available Labor times.