



TECHNICAL SERVICE BULLETIN

6.7L - Illuminated MIL And DTCs P20E8 And/Or P208B - Built On Or After 15-Apr-2021

21-225704 August
2021

This bulletin supersedes 21-2183. Reason for update: Concern Carryover to New Model

Model:

Ford 2021-2022 F-650/F-750	Engine: 6.7L
2021-2022 F-Super Duty	Engine: 6.7L

Summary

This article supersedes TSB 21-2183 to update the vehicle model years affected.

Issue: Some 2021-2022 F-Super Duty/F-650/F-750 vehicles equipped with a 6.7L engine and built on or after 15-Apr-2021, with less than 300 miles (483 km), may exhibit an illuminated malfunction indicator lamp (MIL) and diagnostic trouble codes (DTC) P20E8 and/or P208B stored in the powertrain control module (PCM). This may be due the reductant pump and heater assembly losing prime during extended vehicle storage. To correct the condition, follow the Service Procedure to prime the reductant pump and heater assembly.

Action: Follow the Service Procedure steps to correct the condition on vehicles that meet all of the following criteria:

- 2021-2022 F-Super Duty/F-650/F-750
- Built on or after 15-Apr-2021
- Equipped with a 6.7L engine
- Illuminated MIL and DTCs P20E8 and/or P208B
- Less than 300 miles (483 km) on the odometer

Warranty Status: Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Emissions Warranty/Service Part Warranty (SPW)/Special Service Part (SSP)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/Emissions Warranty/SPW/SSP/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

Description	Operation No.	Time
2021-2022 F-Super Duty 6.7L: Retrieve DTCs, Perform PCM – SCR Visual Leak Tests Includes Time To Disconnect/Connect Reductant Pressure Line To The Injector (Do Not Use With Any Other Labor Operations)	212257A	0.5 Hrs.
2021-2022 F-650/F-750 6.7L: Retrieve DTCs, Perform PCM – SCR Visual Leak Tests Includes Time To Disconnect/Connect Reductant Pressure Line To The Injector (Do Not Use With Any Other Labor Operations)	212257B	0.5 Hrs.

Repair/Claim Coding

Causal Part:	5J229
Condition Code:	53

Service Procedure

1. Disconnect the reductant pressure line from the reductant injector and place the line in a clean container. Refer to Workshop Manual (WSM), Section 303-08.

NOTE: As much as 12 oz. of fluid will be discharged from the reductant pressure line during this procedure. Discard the discharged fluid.

2. Using the Ford Diagnostic & Repair System (FDRS) diagnostic scan tool, perform the PCM – Selective Catalytic Reductant (SCR) System Visual Leak Test for a minimum of 2 minutes.
3. Connect the reductant pressure line to the reductant injector. Refer to WSM, Section 303-08.
4. Using FDRS, perform the PCM – Selective Catalytic Reductant (SCR) System Visual Leak Test and confirm no leaks are present.

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