



TECHNICAL SERVICE BULLETIN

21-2368

6.7L - Illuminated MIL With DTCs P00BD, P012F, P0181, P0474, P124C, P1247, P20EE, P205B, P2263, P2269, P2459, And/Or P259F

21 October 2021

This bulletin supersedes 19-2082. Reason for update: Incorrect Procedure

Model:

Ford 2017 F-Super Duty	Engine: 6.7L
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Summary

This article supersedes TSB 19-2082 to update the Service Procedure.

Issue: Some 2017 F-Super Duty vehicles equipped with a 6.7L diesel engine may exhibit an illuminated malfunction indicator lamp (MIL) with only diagnostic trouble codes (DTCs) P00BD, P012F, P0181, P0474, P124C, P1247, P20EE, P205B, P2263, P2269, P2459, and/or P259F stored in the powertrain control module (PCM). This may be due to various strategies within the PCM software. To resolve this condition, update the PCM software and perform a diesel particulate filter (DPF) manual regeneration and, if necessary, a DPF parameter reset according to the Service Procedure.

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

- 2017 F-Super Duty
- 6.7L diesel
- The only DTCs stored in the PCM are P00BD, P012F, P0181, P0474, P124C, P1247, P20EE, P205B, P2263, P2269, P2459, and/or P259F

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
2017 F-Super Duty 6.7L: Retrieve DTCs And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	212368A	0.5 Hrs.
2017 F-Super Duty 6.7L: Retrieve DTCs, Perform DPF Manual Regeneration And Perform DPF Parameter Reset Includes Time To reprogram The PCM (Do Not Use With Any Other Labor Operations)	212368B	0.8 Hrs.

Repair/Claim Coding

Causal Part:	RECALEM
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Service Procedure

1. Was DTC P2459 one of the DTCs retrieved?
 - (1). Yes - proceed to Step 2.
 - (2). No - proceed to Step 4.
2. Using the appropriate Ford scan tool, perform a DPF manual regeneration. Select Toolbox > Powertrain > Service Functions > Diesel Particulate Regeneration System > DPF Manual Regeneration.
 - (1). If the scan tool prompts that regeneration of the DPF is not recommended at this time, select Yes to proceed.
 - (2). When prompted to select static or dynamic regeneration, select Static Regeneration.
3. Using the appropriate Ford scan tool, perform a DPF parameter reset. Select Toolbox > Powertrain > Service Functions > Diesel Particulate Regeneration System > DPF Parameter Reset. Proceed to Step 4.
4. Reprogram the PCM using the latest version of the appropriate Ford diagnostic scan tool.

NOTE: Advise the customer this vehicle is equipped with an adaptive transmission shift strategy which allows the vehicle's computer to learn the transmission's unique parameters and improve shift quality. When the adaptive strategy is reset, the computer will begin a relearning process. This relearning process may result in firmer than normal upshifts and downshifts for several days.