TECHNICAL SERVICE BULLETIN
6.7L Diesel - Illuminated MIL With DTC P203B, P2201 And/Or P27B4 - Built On Or Before 5-Feb-2020

20-2063
04 March 2020

This bulletin supersedes 20-2044. Reason for update: Incorrect or Incomplete Symptom

Model:

Ford 2020 F-Super Duty

Summary

This article supersedes TSB 20-2044 to update the Title, Issue and Action Statements, and Service Procedure.

Issue: Some 2020 F-Super Duty vehicles equipped with a 6.7L engine built on or before 5-Feb-2020 may exhibit an illuminated malfunction indicator lamp (MIL) with diagnostic trouble codes (DTC) P203B, P2201 and/or DTC P27B4 stored in the powertrain control module (PCM). The vehicle may also exhibit a forced idle condition. This may be due to various strategies within the PCM software. To correct the condition, follow the Service Procedure to reprogram the PCM.

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

- 2020 F-Super Duty
- Built on or before 5-Feb-2020
- 6.7L diesel engine
- DTC P203B, P2201 and/or DTC P27B4 stored in the PCM

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
2020 F-Super Duty 6.7L: Retrieve DTCs And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	202063A	0.6 Hrs.
2020 F-Super Duty 6.7L: Retrieve DTCs, Reprogram PCM Includes Time To Remove The Vehicle From Forced Idle Following The Service Procedure (Do Not Use With Any Other Labor Operations)	202063B	0.9 Hrs.

Repair/Claim Coding

Causal Part:	RECALEM
Condition Code:	04

Service Procedure

1. Reprogram the PCM using the latest software level of the appropriate Ford diagnostic scan tool.

NOTE: Advise the customer that 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.

2. Does the vehicle exhibit a forced idle condition?

(1). Yes - proceed to Step 3.

(2). No - the repair is complete.

3. Remove the vehicle from forced idle.

(1). Allow the vehicle to sit indoors to increase diesel exhaust fluid (DEF) tank temperature to greater than 0°C (32°F).

(2). Start the vehicle and allow it to idle for 10-15 minutes.

(3). Drive the vehicle forward at wide open throttle (WOT) for up to 2 minutes. It is very important to not back off the accelerator pedal when trying to get it out of forced idle. If the truck does not come out of forced idle mode after 2 minutes, stop the vehicle and idle for a few minutes before trying again.

NOTE: Full power is immediately restored when the vehicle is cleared from forced idle.
