



## TECHNICAL SERVICE BULLETIN

### 6.7L - Various Fuel System DTCs - Unable To Command PCV/VCV With FDRS

21-2309

13 September  
2021

#### Model:

<b>Ford</b> 2020-2021 F-Super Duty	Engine: 6.7L
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**Issue:** Some 2020-2021 F-Super Duty vehicles equipped with a 6.7L engine may exhibit an illuminated malfunction indicator lamp (MIL) with various fuel system related diagnostic trouble codes (DTC) stored in the powertrain control module (PCM). While performing pinpoint test (PPT) M in the Powertrain Control/Emissions Diagnosis (PC/ED) Manual, the fuel pressure control valve (F\_PCV) and/or fuel volume control valve (F\_VCV) parameter identifications (PIDs) may not have an option to manually command them with the Ford Diagnosis and Repair System (FDRS) scan tool. This may be due to 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:

- 2020-2021 F-Super Duty
- 6.7L diesel engine
- Various fuel system related DTCs stored in the PCM
- Unable to command F\_PCV and/or F\_VCV PIDs with the scan tool

**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
2020-2021 F-Super Duty 6.7L: Retrieve DTCs And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	212309A	0.6 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.

and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.