



TECHNICAL SERVICE BULLETIN

6.7L - Illuminated Malfunction Indicator Lamp (MIL) - DTCs P012F, P0170, P218F, And/Or Lack Of Performance At Low Speeds

18-2127

27 April 2018

Model:

Ford 2016-2017 F-650/F-750

Issue: Some 2016-2017 F-650/F-750 vehicles equipped with a 6.7L diesel engine may exhibit an illuminated MIL with diagnostic trouble codes (DTCs) P012F, P0170, P218F, and/or a lack of performance at low speeds when heavily loaded.

Action: Follow the Service Procedure steps to correct the condition.

Warranty Status: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage Warranty/ESP coverage limits/policies/prior approvals are not altered by a TSB. Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

Description	Operation No.	Time
2016-2017 F-650/F-750 6.7L Engine: Retrieve DTCs And Reprogram The PCM	182127A	0.5 Hrs.

Repair/Claim Coding

Causal Part:	RECALEM
Condition Code:	04

Service Procedure

1. Connect the appropriate Ford scan tool or equivalent to the data link connector (DLC). Check for DTCs. Are P012F, P0170, and/or P218F the only DTCs stored in the powertrain control module (PCM), or does the vehicle exhibit a lack of performance at low speeds when heavily loaded?
 - (1). Yes - proceed to Step 2.
 - (2). No - this article does not apply. Refer to the Powertrain Controls/Emissions Diagnosis (PC/ED) Manual for normal diagnostics.
2. Reprogram the PCM to the latest calibration using the appropriate Ford scan tool release 109.02 or higher. Make sure you are connected to the internet when entering module programming to obtain the latest updates.
 - (1). 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 RE-LEARNING PROCESS. THIS RE-LEARNING PROCESS MAY RESULT IN FIRMER THAN NORMAL UPSHIFTS AND DOWNSHIFTS FOR SEVERAL DAYS.

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NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy 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.