



TECHNICAL SERVICE BULLETIN

3.3L Duratec/3.5L EcoBoost/5.0L - Illuminated Malfunction Indicator Lamp (MIL) - Diagnostic Trouble Codes (DTCs) P2450 And/Or P144C Built On Or Before 31-Jul-2018

18-2252

20 August
2018

Model:

Ford 2018 F-150

Issue: Some 2018 F-150 vehicles equipped with a 3.3L Duratec/3.5L EcoBoost/5.0L built on or before 23-Jul-2018 at Dearborn Truck Plant or 31-Jul-2018 at Kansas City Assembly Plant may exhibit an illuminated MIL with DTC P2450 and/or P144C stored in the powertrain control module (PCM).

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
2018 F-150 3.3L/3.5L/5.0L: Retrieve DTCs And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	182252A	0.3 Hrs.

Repair/Claim Coding

Causal Part:	RECALEM
Condition Code:	04

Service Procedure

1. Check the vehicle build date. Is the vehicle built on or before 23-Jul-2018 at Dearborn Truck Plant or 31-Jul-2018 at Kansas City Assembly Plant?
 - (1). Yes - proceed to Step 2.
 - (2). No - this article does not apply. Refer to the Powertrain Control/Emissions Diagnosis (PC/ED) Manual for diagnostics.
2. Using the appropriate Ford diagnostic scan tool, retrieve DTCs. Is DTC P2450 and/or P144C stored in the PCM?
 - (1). Yes - reprogram the PCM using the latest version 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 RE-LEARNING PROCESS. THIS RE-LEARNING PROCESS MAY RESULT IN FIRMER THAN NORMAL UPSHIFTS AND DOWNSHIFTS FOR SEVERAL DAYS.
 - (2). No - this article does not apply. Refer to the PC/ED Manual for normal diagnostics.

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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.