

FORD:
2011 F-150

This article supersedes TSB **11-4-13** to update the Title and Issue Statement to include additional DTCs.

ISSUE

Some 2011 F-150 vehicles built on or before 4/1/2011 may exhibit a malfunction indicator lamp (MIL) illuminated with diagnostic trouble codes (DTCs) P0711, P2610, P2111 or P2112. Additionally, flex fuel capable engines 3.7L and 5.0L may exhibit a hard start in cold ambient temperatures less than 10° C (50° F) when using flex fuel, or may exhibit a MIL illuminated with DTCs P0171, P0172, P0174 or P0175 after a fueling event.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Reprogram the Powertrain Control Module (PCM) to the latest calibration using IDS release 72.02 and higher. This new calibration is not included in the VCM 2011.3 DVD. Calibration files may also be obtained at www.motorcraft.com.

NOTE

PLEASE 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.

The calibration update contains improvement actions and enhancements to address the following by engine configuration:

3.5L Ecoboost Engine:

- Improved Idle Stability Calibration
- Improved Calibration to prevent False P0711 DTC
- Improved Calibration to prevent False P2610 DTC

3.7L Engine:

- Improved Flex Fuel Calculation after Refueling Event to prevent False P0171, P0172, P0174, P0175 DTC
- Improved Cold Start Calibration when using E-85 Ethanol or mixture of Flex Fuel in cold ambient temperatures less than 10° C (50° F).
- Improved Calibration to prevent False P0711 DTC
- Improved Calibration to prevent False P2610 DTC

5.0L Engine:

- Improved Flex Fuel Calculation after Refueling Event to prevent False P0171, P0172, P0174, P0175 DTC
- Improved Cold Start Calibration when using E-85 Ethanol or mixture of Flex Fuel in cold ambient temperatures less than 10° C (50° F).
- Improved Calibration to prevent False P0711 DTC
- Improved Calibration to prevent False P2610 DTC
- Improved Calibration to prevent False P2111/P2112 DTC

6.2L Engine:

- Improved Calibration to prevent False P0711 DTC
- Improved Calibration to prevent False P2610 DTC

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.

TSB 11-7-20 (Continued)

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
110720A	2011 F-150: Check DTCs And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	0.4 Hr.
DEALER CODING		
BASIC PART NO.		CONDITION CODE
RECALEM		04