3.5L ECOBOOST - MALFUNCTION INDICATOR LAMP (MIL) WITH DTCS P0060, P0161, P0157, P0054, P0137 AND/OR P0141

TSB 15-0072

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FORD:

2015 F-150

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Some 2015 F-150 vehicles equipped with a 3.5L EcoBoost engine and built on or before 4/14/2015 may exhibit an illuminated MIL with one or more of the following diagnostic trouble codes (DTCs): P0060, P0161, P0157, P0054, P0137 and/or P0141.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Connect the Ford Integrated Diagnostic System (IDS) service tool or equivalent to the data link connector (DLC). Are DTCs P0054, P0141, P0137, P0060, P0161 or P0157 stored in powertrain control module (PCM)?
   a. Yes - proceed to Step 2.
   b. No - this article does not apply. Refer to Powertrain Control/Emission Diagnosis (PC/ED) manual for normal diagnosis.
2. Are DTCs P0054, P0141 or P0137 present in the PCM?
   a. Yes - replace bank 1 catalyst monitor sensor (CMS). Refer to Workshop Manual (WSM), Section 303-14.
   b. No - proceed to Step 3.
3. Are DTCs P0060, P0161 or P0157 present in the PCM?
   a. Yes - replace bank 2 CMS. Refer to WSM, Section 303-14.
   b. No - this article does not apply. Refer to PC/ED manual for normal diagnosis.
4. Reprogram the PCM to the latest calibration using IDS release 95.02 or higher. Make sure you are connected to the internet when entering module programming to obtain the latest updates. Calibration files may also be obtained at www.motorcraftservice.com.

PART NUMBER	PART NAME
FL3Z-9G444-C	Catalyst Monitor Sensor
XL-1	Motorcraft® Penetrating and Lock Lubricant
XL-2	Motorcraft® High Temperature Nickel Anti-Seize Lubricant

OPERATION	DESCRIPTION	TIME
150072A	2015 F-150 3.5L EcoBoost: Retrieve DTCs, Replace The Right CMS And Reprogram The PCM (Do Not Use With Any Other Labor Operations (Do Not Use With Any Other Labor Operations)	0.7 Hr.
150072B	2015 F-150 3.5L EcoBoost: Retrieve DTCs, Replace The Left CMS And Reprogram The PCM (Do Not Use With Any Other Labor Operations (Do Not Use With Any Other Labor Operations)	0.6 Hr.

NOTE: The information contained 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, Lincoln, or Mercury 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 supercede this information with updates.The most recent information is available through Ford Motor Company's on-line technical resources.

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OPERATION	DESCRIPTION	TIME
150072C	2015 F-150 3.5L EcoBoost: Retrieve DTCs, Replace Both Right And Left CMS And Reprogram The PCM (Do Not Use With Any Other Labor Operations (Do Not Use With Any Other Labor Operations)	0.8 Hr.

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.

DEALER CODING

BASIC PART NO.	CONDITION CODE
9G444	04