

4.6L/5.4L—MALFUNCTION INDICATOR LAMP (MIL) ON WITH DIAGNOSTIC TROUBLE CODES (DTCS) P0130 OR P0150

TSB 13-3-5

FORD:

2009-2010 F-150

The article supersedes TSB **12-3-17** to update the Title, Issue Statement and Service Procedure.

ISSUE

Some 2009-2010 F-150 vehicles equipped with a 4.6L or 5.4L engine may exhibit an illuminated MIL with DTC P0130 (Oxygen Sensor Circuit Bank 1, Sensor 1) or P0150 (Oxygen Sensor Circuit Bank 2, Sensor 1).

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Retrieve all DTC's in the powertrain control module (PCM). Are diagnostic trouble codes P0130 or P0150 present?
 - a. Yes - proceed to Step 2.
 - b. No - this procedure does not apply. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) diagnostics.
2. Reprogram the PCM to the latest calibration using IDS release 78.01 and higher. This new calibration is not included in the VCM 2012.3 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.

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.

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.

OPERATION	DESCRIPTION	TIME
130305A	2009-2010 F-150: Check DTCs, And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	0.4 Hr.
DEALER CODING		CONDITION CODE
BASIC PART NO.		
RECAL		04