

**6.8L - MIL ILLUMINATED WITH VARIOUS DTCS - NO DRIVEABILITY SYMPTOMS - BUILT ON OR BEFORE 2/25/2016****TSB 16-0039****FORD:**

2016 F-650, F-750

**ISSUE**

Some 2016 F-Super Duty 650/750 vehicles built on or before 2/25/2016 and equipped with a 6.8L engine may exhibit an illuminated malfunction indicator lamp (MIL) with diagnostic trouble code (DTC) P0300, P0301, P0302, P0303, P0304, P0305, P0306, P0307, P0308, P0309 and/or P0310 present in the powertrain control module (PCM) memory with no other drivability symptoms.

**ACTION**

Follow the Service Procedure steps to correct the condition.

**SERVICE PROCEDURE**

1. Using Integrated Diagnostic System (IDS) or equivalent scan tool, retrieve DTCs from the PCM. Is DTC P0300, P0301, P0302, P0303, P0304, P0305, P0306, P0307, P0308, P0309 and/or P0310 present in PCM memory?
  - a. Yes - proceed to Step 2
  - b. No - this article does not apply. Refer to Powertrain Control/Emission Diagnosis (PC/ED) manual for normal diagnostics.
2. Reprogram the PCM to the latest calibration using IDS release 99.03 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](http://www.motorcraftservice.com).
3. Perform misfire monitor neutral profile correction procedure from the IDS toolbox: Select Powertrain, Service Functions, Misfire Monitor Neutral Profile Correction and follow screen prompts.
4. Clear DTCs from PCM memory.

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.

OPERATION	DESCRIPTION	TIME
160039A	2016 F-Super Duty 650/750 6.8L Engine: Retrieve DTCs, Reprogram The PCM And Perform Misfire Monitor Neutral Profile Correction (Do Not Use With Any Other Labor Operations)	0.4 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
RECALEM	04

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 supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.