2.0L GASOLINE TURBOCHARGED DIRECT INJECTION (GTDI) - ILLUMINATED MALFUNCTION INDICATOR LAMP (MIL) WITH DTCS P0054, P0137 AND/OR P0141	TSB 16-0128

FORD:

2015 Edge

ISSUE

Some 2015 Edge vehicles equipped with a 2.0L GTDI engine may exhibit an illuminated MIL with diagnostic trouble codes (DTCs) P0054, P0137 and/or P0141 stored in the powertrain control module (PCM) memory.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Using an Integrated Diagnostic System (IDS) service tool or equivalent scan tool, check for DTCs. Are DTCs P0054, P0137 and/or P0141 present in the PCM memory?
   a. Yes - replace the catalyst monitor sensor (CMS). Refer to Workshop Manual (WSM), Section 303-14. Proceed to Step 2.
   b. No - this article does not apply. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) Manual for normal diagnostics.
2. Reprogram the PCM to the latest level calibration using IDS version 102.02 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.

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.

PART NUMBER	PART NAME
DS7Z-9G444-A	Catalyst Monitor Sensor
CV6Z-9450-D	Exhaust Gasket - AWD
F2GZ-4682-A	PTU Bolt And Washer Assembly - AWD (3 Req)
W790063-S900	RDU Bolt And Washer Assembly AWD - (3 Req)
W714265-S442	Exhaust Nut - AWD (2 Req)
W712154-S439	Center Support Bearing Bolts - AWD (2 Req)
XL-1	Motorcraft® Penetrating and Lock Lubricant
XL-2	Motorcraft® High Temperature Nickel Anti-Seize Lubricant

OPERATION	DESCRIPTION	TIME
160128A	2015 Edge FWD 2.0L GTDI: Retrieve DTCs Replace The CMS And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	0.9 Hr.
160128A	2015 Edge AWD 2.0L GTDI: Retrieve DTCs Replace The CMS And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	1.8 Hrs.

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.

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