

# 1.6L GTDI—SERVICE ENGINE SOON LIGHT—DTC P26B7—BUILT ON OR BEFORE 2/13/2013

TSB 13-2-15

**FORD:**  
2013 Escape

## ISSUE

Some 2013 Escape vehicles equipped with 1.6L Gasoline Turbocharged Direct Injection (GTDI) engine built on or before 2/13/2013 may exhibit a service engine soon light on with diagnostic trouble code (DTC) P26B7 stored in Powertrain Control Module (PCM) memory. This DTC indicates a fault is present with Coolant Bypass Solenoid C, located at the rear of the engine above the starter/bell housing, and below the vacuum pump.

## ACTION

Follow the Service Procedure steps to correct the condition.

## SERVICE PROCEDURE

1. Using IDS scan tool, retrieve continuous memory DTCs. Is DTC P26B7 present in the PCM?
  - a. Yes - proceed to Steps 2.
  - b. No - this article does not apply. Refer to the Powertrain Control/ Emissions Diagnosis (PC/ED) manual for normal diagnostics.
2. Replace the engine coolant bypass valve with a new revised service part. Refer to Workshop Manual, Section 303-03.
3. Reprogram the PCM to the latest calibration using Integrated Diagnostic System (IDS) release 83.03 and higher. Calibration files may also be obtained at [www.motorcraft.com](http://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

PART NUMBER	PART NAME
BM5Z-18495-C	Engine Coolant Bypass Valve

**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
130215A	2013 Escape 1.6L GTDI: Check DTCs And Replace The Engine Coolant Bypass Valve Includes Time To Reprogram The PCM And Clear Codes (Do Not Use With Any Other Labor Operations)	0.9 Hr.

## DEALER CODING

BASIC PART NO.	CONDITION CODE
18495	42

**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.