

**2.3L - ILLUMINATED MALFUNCTION INDICATOR LAMP (MIL) -  
DIAGNOSTIC TROUBLE CODES (DTCs) P0456, P1450 AND/OR P144C  
BUILT ON OR BEFORE 13-JAN-2017**

**TSB 17-0019**

**FORD:**

2017 Mustang

**ISSUE**

Some 2017 Mustang vehicles equipped with a 2.3L engine and built on or before 13-Jan-2017 may exhibit an illuminated MIL with DTCs P0456, P1450 and/or P144C.

**ACTION**

Follow the Service Procedure steps to correct the condition.

**SERVICE PROCEDURE**

1. Connect the Ford Integrated Diagnostic System (IDS) service tool or equivalent scan tool to the data link connector (DLC). Check for DTCs. Are P0456, P1450, and/or P144C stored in powertrain control module (PCM) memory?
  - a. Yes - proceed to Step 2.
  - b. No - this article does not apply. Refer to the Powertrain Control/Emission Diagnosis (PC/ED) manual for normal diagnostics.
2. Replace the evaporative emission canister purge valve. Refer to Workshop Manual (WSM), Section 303-13.
3. Reprogram the PCM to the latest calibration using IDS release 104.02 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](http://www.motorcraftservice.com).

PART NUMBER	PART NAME
FR3Z-9G297-C	Evaporative Emission Canister Purge Valve

OPERATION	DESCRIPTION	TIME
170019A	2017 Mustang 2.3L: Retrieve DTCs, Replace The Evaporative Emission Canister Purge Valve And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	0.5 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
9G297	42

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.