

**5.0L—MALFUNCTION INDICATOR LAMP (MIL)—DTCS
P0300-P0308 AND/OR P0316 NO DRIVABILITY
SYMPTOMS—BUILT ON OR BEFORE 5/1/2013**

TSB 13-6-15

FORD:
2011-2014 Mustang

ISSUE

Some 2011-2014 Mustang vehicles equipped with a 5.0L engine and built on or before 5/1/2013 may exhibit a MIL illuminated with any combination of diagnostic trouble codes (DTCs) P0300, P0301, P0302, P0303, P0304, P0305, P0306, P0307, P0308 and/or P0316. There will be no other DTCs or drivability symptoms present.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Using Integrated Diagnostic System (IDS), perform self test on the powertrain control module (PCM) to check for both key-on engine off (KOEO) and key-on engine running (KOER) DTCs.
 - a. If any DTCs P0300-P0308 and/or P0316 are present in KOER and/or a drivability concern such as cylinder misfire are present, this article does not apply. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) manual for normal diagnostics.
 - b. If any DTCs P0300-P0308 and/or P0316 are present in KOEO and no drivability concerns are present, remove the crankshaft position (CKP) sensor and install an o-ring on the CKP sensor. Refer to Workshop Manual, Section 303-14. (Figure 1)



Figure 1 - Article 13-6-15

2. Using IDS, clear DTCs and perform Misfire Monitor Neutral Profile Correction.

PART NUMBER	PART NAME
FOPZ-9229-A	O-ring

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.

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TSB 13-6-15 (Continued)

OPERATION	DESCRIPTION	TIME
130615A	2011-2014 Mustang 5.0L: Check DTSs Install O-ring Onto The CKP Sensor Includes Time To Remove And Install CKP Clear DTCs And Perform Misfire Monitor Neutral Profile Correction (Do Not Use With Any Other Labor Operations)	0.6 Hr.
DEALER CODING		CONDITION
BASIC PART NO.		CODE
6C315		33