

**5.2L TI-VCT - ILLUMINATED MALFUNCTION INDICATOR LAMP (MIL)  
WITH DIAGNOSTIC TROUBLE CODES (DTCs) P0720 AND P0722 - BUILT  
ON OR BEFORE 2/26/2016**

**TSB 16-0085**

**FORD:**

2015-2016 Mustang

**ISSUE**

Some 2015 and 2016 Mustang vehicles equipped with a 5.2L twin independent variable camshaft timing (Ti-VCT) engine and built on or before 2/26/2016 may exhibit an intermittent illuminated MIL with DTCs P0720 and P0722 present.

**ACTION**

Follow the Service Procedure steps to correct the condition.

**SERVICE PROCEDURE**

1. Check the vehicle build date. Was the vehicle built on or before 2/26/2016?
  - a. Yes - proceed to Step 2.
  - b. No - this article does not apply. Refer to Powertrain Control/Emissions Diagnostics (PC/ED) manual for normal diagnostics.
2. Connect the Ford Integrated Diagnostic System (IDS) service tool or equivalent scan tool and check for DTCs. Are DTCs P0720 and P0722 present?
  - a. Yes - proceed to Step 3.
  - b. No - this article does not apply. Refer to PC/ED manual for normal diagnostics.
3. Replace the transmission. Refer to Workshop Manual (WSM), Section 308-03.
  - a. If equipped with a transmission oil cooler it may also be necessary to replace the cooler line backing rings and seal.

PART NUMBER	PART NAME
FR3Z-7003-D	Transmission Assembly With Oil Cooler
FR3Z-7003-E	Transmission Assembly Without Oil Cooler
5L7Z-7D285-A	Band Seal (2 Req)
5L7Z-7J324-A	Backing Ring (2 Req)
W705443-S900	Nut - Exhaust Manifold to Exhaust Pipe (4 Req)
FR3Z-4B496-B	Pinion Flange Bolt (3 Req)
FR3Z-5B266-A	Exhaust Gasket
N800594-S101	Bolt - Driveshaft to Transmission Flange (4 Req)
W717822-S439	Bolt - Center Bearing (2 Req)
XT-10-QLVC	Motorcraft® MERCON® LV Automatic Transmission Fluid
TA-25-B	Motorcraft® Threadlock and Sealer
XL-2	Motorcraft® High Temperature Nickel Anti-Sieze Lubricant
XL-1	Motorcraft® Penetrating and Lock Lubricant

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.

OPERATION	DESCRIPTION	TIME
160085A	2015-2016 Mustang 5.2L Ti-VCT: Retrieve DTCs And Replace The Transmission Includes Time To Transfer Necessary Parts And Clutch System Bleeding (Do Not Use With Any Other Labor Operations)	4.5 Hrs.

**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
7003	01