

**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 (W/SM), 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.

Ford Mustang Technical Service Bulletin

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web the equation for cellular respiration is below $C_6H_{12}O_6 + 6 O_2 \rightarrow 6 H_2O + 6 CO_2 + ATP$ in this lab we will observe yeast cells performing cellular respiration yeast are facultative anaerobes this means that if oxygen is present they will use cellular respiration

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web jul 12 2023 this part of the lab investigates aerobic cellular respiration by *saccharomyces cerevisiae* also referred to as baker's yeast and brewer's yeast yeast is a unicellular fungus that can convert glucose