



TECHNICAL SERVICE BULLETIN

2.3L - Illuminated Malfunction Indicator Lamp (MIL) With Diagnostic Trouble Code (DTC) P0420 - Built On Or Before 17-Oct-2018

18-2355

27 November
2018

Model:

Ford 2018-2019 Mustang

Issue: Some 2018-2019 Mustang vehicles built on or before 17-Oct-2018 and equipped with a 2.3L engine may exhibit an illuminated MIL with DTC P0420.

Action: Follow the Service Procedure steps to correct the condition.

Parts

Part Number	Description	Quantity
JR3Z-5E212-C	Catalyst Assembly	1
W705443-S900	Nut M10 x 1.5 mm	2
FR3Z-5C226-A	Exhaust Gasket	1

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.

Labor Times

Description	Operation No.	Time
2018-2019 Mustang 2.3L: Retrieve DTCs Replace The Catalytic Convertor And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	182355A	1.0 Hrs.

Repair/Claim Coding

Causal Part:	5E212
Condition Code:	04

Tool List

Drive	Tool Name
3/8"	Power Tool
3/8"	Ratchet
3/8"	Torque Wrench
3/8"	13 mm Socket
3/8"	15 mm Socket
	Essential Special Service Tool (ESST) 303-476
	Exhaust Hanger Pliers

Service Procedure

1. Was the vehicle built on or before 17-Oct-2018?

(1). Yes - proceed to Step 2.

- (2). No - this article does not apply. Refer to Workshop Manual (WSM), Section 309-00D for normal diagnostics.
2. Using the appropriate Ford diagnostic scan tool or equivalent, retrieve DTCs. Is DTC P0420 the only DTC stored in the powertrain control module (PCM)?
- (1). Yes - proceed to Step 3.
- (2). No - this article does not apply. Refer to WSM, Section 309-00D for normal diagnostics.
3. Replace the catalytic converter. Refer to WSM, Section 309-00A.
4. Reprogram the PCM using the latest software level of the appropriate Ford diagnostic scan tool.
- (1). NOTE: 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.

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