



TECHNICAL SERVICE BULLETIN

5.0L - Illuminated MIL With DTCs P1289 And/Or P017D - Built On Or Before 8-Jan-2019

19-2049
05 April 2019

Model:

Ford
2019 F-150
2019 Mustang

Issue: Some 2019 Mustang and F-150 vehicles built on or before 8-Jan-2019 and equipped with a 5.0L engine may exhibit an illuminated malfunction indicator lamp (MIL) with diagnostic trouble codes (DTCs) P1289 and/or P017D stored in the powertrain control module (PCM). This may be due to the cylinder head temperature (CHT) sensor. To resolve the condition, replace the CHT sensor.

Action: Follow the Service Procedure steps to correct the condition on vehicles that meet all of the following criteria:

- 2019 Mustang or F-150
- 5.0L engine
- Built on or before 8-Jan-2019
- DTCs P1289 and/or P017D stored in the PCM.

Parts

Part Number	Description	Quantity
JL3Z-6G004-A	Cylinder Head Temperature Sensor	1
W712334-S440	Strut Tower Brace/Cowl Extension Nut (Mustang Only)	4

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
2019 Mustang 5.0L: Retrieve DTCs And Replace The CHT (Do Not Use With Any Other Labor Operations)	192049A	1.9 Hrs.
2019 F-150 5.0L: Retrieve DTCs And Replace The CHT (Do Not Use With Any Other Labor Operations)	192049B	0.7 Hrs.

Repair/Claim Coding

Causal Part:	6G004
Condition Code:	42

Tool List For F-150

Drive	Tool Name
1/4"	Ratchet
1/4"	Torque Wrench
1/4"	Power Tool
1/4"	5.5 mm Socket

Drive	Tool Name
3/8"	Ratchet
3/8"	Torque Wrench
3/8"	13 mm Socket
	Trim Tool

Tool List For Mustang

Drive	Tool Name
1/4"	Ratchet
1/4"	Torque Wrench
1/4"	Power Tool
1/4"	10 mm Socket
1/4"	13 mm Socket
1/4"	8 mm Swivel Socket
1/4"	6" Extension
3/8"	Ratchet
3/8"	Power Tool
3/8"	Torque Wrench
3/8"	15 mm Deep Socket
3/8"	13 mm Socket
3/8"	Line Disconnect Tool
	Trim Tool
	Two-Leg Puller
	Blow Tip

Service Procedure

1. Replace the CHT sensor. Refer to Workshop Manual (WSM), Section 303-14.

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NOTE: The information 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 or Lincoln 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.