



TECHNICAL SERVICE BULLETIN

3.5L EcoBoost - Various Warning Indicators/Lack Of Power - DTCs P0107, P0108 And/Or P0109

19-2183
04 June
2019

Model:

Ford 2018-2019 Explorer
2018-2019 Flex
2018-2019 Taurus
Lincoln 2018-2019 MKT

Issue: Some 2018-2019 Explorer/Flex/Taurus/MKT vehicles equipped with a 3.5L EcoBoost engine may exhibit an illuminated malfunction indicator lamp (MIL), powertrain malfunction (wrench) lamp, Service AdvanceTrac message, Hill Start Assist Not Available message, and/or lack of power with diagnostic trouble codes (DTCs) P0107, P0108 and/or P0109 present. This may be due to a faulty manifold absolute pressure and temperature (MAPT) sensor. To correct the condition, follow the Service Procedure steps to diagnose and replace the MAPT sensor.

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

- 2018-2019 Explorer/Flex/Taurus/MKT
- 3.5L EcoBoost engine
- Illuminated MIL, powertrain malfunction (wrench) lamp, Service AdvanceTrac message, Hill Start Assist Not Available message, and/or lack of power
- DTCs P0107, P0108 and/or P0109

Parts

Part Number	Description	Quantity
AA5Z-9F479-E	Manifold Absolute Pressure And Temperature Sensor	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 Explorer 3.5L EcoBoost: Retrieve DTCs, Monitor PID Values And Replace The MAPT Sensor (Do Not Use With Any Other Labor Operations)	192183A	0.3 Hrs.
2018-2019 Taurus 3.5L EcoBoost: Retrieve DTCs, Monitor PID Values And Replace The MAPT Sensor (Do Not Use With Any Other Labor Operations)	192183B	0.3 Hrs.
2018-2019 MKT 3.5L EcoBoost: Retrieve DTCs, Monitor PID Values And Replace The MAPT Sensor (Do Not Use With Any Other Labor Operations)	192183C	0.3 Hrs.

2018-2019 Flex 3.5L EcoBoost: Retrieve DTCs, Monitor PID Values And Replace The MAPT Sensor (Do Not Use With Any Other Labor Operations)	192183D	0.3 Hrs.
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Repair/Claim Coding

Causal Part:	9F479
Condition Code:	42

Service Procedure

1. Using the appropriate Ford diagnostic scan tool with key ON engine OFF, access the powertrain control module (PCM) and monitor the following parameter identifications (PIDs):

- BARO (PRESS)
- MAP (PRESS)
- TCBP (PRESS)
- TURBO INLET (PRESS)

2. Does the MAP (PRESS) PID value read within 10.35 kPa (1.5 psi) of the other sensors?

(1). Yes - this article does not apply. Refer to Powertrain Control/Emission Diagnosis (PC/ED) Manual for normal diagnostics.

(2). No - replace the MAPT 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.