



TECHNICAL SERVICE BULLETIN

1.5L EcoBoost - Illuminated MIL With DTC P051B

**19-
2347**

19
November
2019

This bulletin supersedes 18-2247. Reason for update: New Part/Procedure For Same Condition

Model:

Ford 2017 Escape	Engine: 1.5L EcoBoost
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Summary

This article supersedes TSB 18-2247 to update the Service Procedure.

Issue: Some 2017 Escape vehicles equipped with a 1.5L EcoBoost engine may exhibit an illuminated malfunction indicator lamp (MIL) with diagnostic trouble code (DTC) P051B stored in the powertrain control module (PCM). This may be due to the crankcase pressure sensor/tube assembly. To correct the condition, follow the Service Procedure steps to replace the crankcase pressure sensor/tube assembly.

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

- 2017 Escape
- 1.5L EcoBoost engine
- Illuminated MIL with only DTC P051B

Parts

Part Number	Description	Quantity
GV6Z-6A664-B	Crankcase Pressure Sensor/Tube Assembly	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
2017 Escape 1.5L EcoBoost: Retrieve DTCs, Monitor Sensor Voltage (Fail), Replace The Crankcase Pressure Sensor/Tube Assembly (Do Not Use With Any Other Labor Operations)	192347A	0.6 Hrs.

Repair/Claim Coding

Causal Part:	6A664
Condition Code:	42

Service Procedure

1. Using the appropriate Ford scan tool, enter Datalogger > PCM > PIDs. Monitor CRNKCAS_P_V during key on/engine off (KOEO) for 10 seconds without tapping/disturbing the sensor and connector. Is the sensor voltage 3.7 - 4.1 volts?
 - (1). Yes - this article does not apply. Refer to the Powertrain Controls/Emissions Diagnosis (PC/ED) Manual for normal diagnostics.
 - (2). No - proceed to Step 2.
2. Remove the cowl panel. Refer to Workshop Manual (WSM), Section 501-02.
3. Replace the crankcase pressure sensor/tube assembly. Refer to WSM, Section 303-12A.

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