



TECHNICAL SERVICE BULLETIN

1.5L EcoBoost - Illuminated MIL With DTC P04DB

19-
2348
19
November
2019

This bulletin supersedes 18-2246. Reason for update: Replace Awareness/Interim Message

Model:

Ford 2017 Escape	Engine: 1.5L EcoBoost
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Summary

This article supersedes TSB 18-2246 to update the Issue and Service Procedure.

Issue: Some 2017 Escape equipped with a 1.5L EcoBoost engine may exhibit an illuminated malfunction indicator lamp (MIL) with diagnostic trouble code (DTC) P04DB 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 and reprogram the PCM.

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 P04DB

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 And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	192348A	0.4 Hrs.
2017 Escape 1.5L EcoBoost: Retrieve DTCs, Replace The Crankcase Pressure Sensor/Tube Assembly And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	192348B	0.7 Hrs.

Repair/Claim Coding

Causal Part:	RECALEM
Condition Code:	04

Service Procedure

1. Using the appropriate Ford scan tool or equivalent, retrieve DTCs. Is P051B stored in the PCM with P04DB?
 - (1). Yes - this article does not apply. Refer to PTS for applicable publications and Powertrain Controls/Emissions Diagnosis (PC/ED) Manual for normal diagnostics.
 - (2). No - proceed to Step 2.
2. Was the vehicle built on or before 1-Feb-2017?
 - (1). Yes - proceed to Step 3.
 - (2). No - proceed to Step 5.
3. Remove the cowl panel. Refer to Workshop Manual (WSM), Section 501-02.
4. Replace the crankcase pressure sensor/tube assembly.
5. Reprogram the PCM using the latest version of the appropriate Ford diagnostic scan tool.

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 relearning process. This relearning process may result in firmer than normal upshifts and downshifts for several days.

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