



TECHNICAL SERVICE BULLETIN

3.7L Ti-VCT - Illuminated MIL With DTCs P0420 And/Or P0430

19-236609 December
2019

This bulletin supersedes 18-2297. Reason for update: Concern Carryover to New Model

Model:

Ford 2016-2019 Police Interceptor Sedan	Engine: 3.7L Ti-VCT
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Summary

This article supersedes TSB 18-2297 to update the vehicle model years affected.

Issue: Some 2016-2019 Police Interceptor Sedan vehicles equipped with a 3.7L twin independent variable camshaft timing (Ti-VCT) engine may exhibit an illuminated malfunction indicator lamp (MIL) with diagnostic trouble codes (DTCs) P0420 and/or P0430. This may be due to a damaged catalytic converter. To correct the condition, follow the Service Procedure to replace the catalytic converter and reprogram the powertrain control module (PCM).

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

- 2016-2019 Police Interceptor Sedan
- 3.7L Ti-VCT engine
- Exhibits an illuminated MIL with DTCs P0420 and/or P0430 stored in the PCM

Parts

Part Number		Description	Quantity
FB5Z-5G232-A	-	Catalyst, Left Side	1
FB5Z-5G232-B	-	Catalyst, Right Side	1
W716011-S430	Package Contains 4 Pieces, 12 Pieces Required	Exhaust Manifold To Cylinder Head Stud Nut	3
W712244-S300	Package Contains 12 Pieces, 12 Pieces Required	Exhaust Manifold To Cylinder Head Stud	1
W714265-S441	Package Contains 4 Pieces, 8 Pieces Required	Y-Pipe Nut	2
DA5Z-9450-A	-	Y-Pipe To Tail Pipe Gasket	1
7T4Z-9450-AA	Package Contains 1 Piece, 2 Pieces Required	Y-Pipe Gasket	2
DG1Z-9448-A	Package Contains 1 Piece, 2 Pieces Required	Exhaust Manifold To Cylinder Head Gasket	2

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
2016-2019 Police Interceptor Sedan 3.7L: Retrieve DTCs, Replace The Right Catalytic Converter And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	192366A	1.8 Hrs.
2016-2019 Police Interceptor Sedan 3.7L: Retrieve DTCs, Replace The Left Catalytic Converter And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	192366B	1.6 Hrs.
2016-2019 Police Interceptor Sedan 3.7L: Retrieve DTCs, Replace Both The Right And Left Catalytic Converters And Reprogram The PCM (Do Not Use With Any Other Labor Operations)	192366C	2.7 Hrs.

Repair/Claim Coding

Causal Part:	5G232
Condition Code:	42

Service Procedure

1. Replace the affected catalytic converter per the DTC. Refer to Workshop Manual (WSM), Section 309-00.
2. Reprogram the PCM using the latest software level 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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